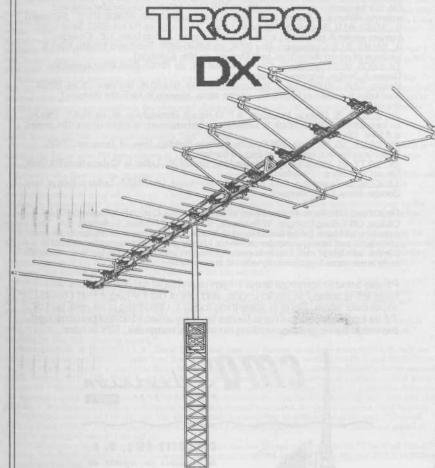
Vhi-UhiDIGEST

The Official Publication of the Worldwide TV-FM DX Association

AUGUST 1991

IT'S TIME FOR





WORLDWIDE TV-FM DX ASSOCIATION

Hubert H. Humphrey

class

MILLIAM N NO 35 NYE ROAD GLASTONBURY M N NOLLMAN ROAD CT 06033

QSL CORNER & LOGOS RUN Thomas J. Yinging, Jr. KASTCC, 221 Dinewood Doad, Battimore, MD 21222-2340

IN WEZK 97.5 Knoxville Box 3766, zip 37917. Send back prepared qsl card back in 8 1/2 months I The signer was Paul Cillan, Pgr. Dir. (Ross) NY WGMC 90.1 Greece, % Box 300, North Greece, NY zip 14515-0300. PFC & letter from R.B. Lee Rust, Operations came back in 2 weeks. (Ross)
ONT CBOF 90.7 Ottawa, Box 3220, Stn. C., zip K1Y 1E4. Send back in 2 weeks my prepared card signed by Chantal Grenier. (Ross)

MI_WDBI_107.3 Tawas City, 1175 South U.S. 23, zip 48763. Send back my PFC in 2 weeks signed by Donald Backus, GM. Also send sticker. (Ross)

ONT_CISD_94.3 Thunder Bau, 87 North Hill Street, zip P7A 5V6, Letter & bumper sticker in 2 weeks from Tim Goebel, PD. & mentions of power of 95kw from alop Mt. Baldy, and that he is also a diser. (Falconer)

NY WBEE 92.5. Rochester, 500 B. Forman Bidg, Midtown Plaza, zip 14604. Letter and coverage-map in 14 days from Herb Petrie, CE. (Falconer)

NY WKLX 98.9. Rochester, 259 Monroe Ace, zip 14607. Letter in 18 days from Michael Bostie, CE. He mentions ERP of 37kw at 172 m HAAT (155m AG). Uses Harris FM-25k transmitter at 21kw output to an ERI FMH. 4AE four bay circular polarized. antenna. Antenna is located at SE leg of a tower leased from WRM M-103.3. (Falsoner) II. WSSU 919 Springfield, Sangarron State University, zip 62794-9243. Sent letter, bumper sticker 8, transmitter into tairly quickly signed by Jim Dunn, CE. (Conrgio) II. WHMS 975 Champaign, Box 3939, zip 61826-3939. Send very friendly letter 8. package of promo items from Judy Duncan, no title. (Coniglio) IX KSCS 96.3 Forth Worth, One Broadcast Hill, zip 76103. Sent letter signed by Duane A. Sedge, Engineer. (Connglio) Mexico, TAM XHRIO-TV 2 Matamoros, % P.O. Box 5074, McAllen, TX zip 78502. Sent letter & souvenirs from C.E., whose name appears to be Eddie Gorgond. AL W29AO 29 Cheaha Mountain, % P.O. Box 6, Birmingham, AL zip 35201. This is an translator of WBRC-TV ch. 6. Letter from chief engineer, no name given. The power is 8.5kw. (Fountain) IN WKOP 15 Knoxville, 209 Communications Building, Univ. of Tenn. zip 37996. Letter from Gene Knight, Dir. of Eng. (Fountain) IN WPTY 24 Memphis, 2225 Union Ave., zip 38174. Letter in 10 days from Bill Graff, Dir. of Operations. (Fountain) IX KTAL 6 Texarkana, P. O. Box 7428, Shreve port, LA 71137. Letter in 8 days from George Tracy, CE. (Fountain)

Reporters this time: Robert Ross, VE3JFC, London, Ont; Jeff Falconer, VE3LSK, Clinton, ONT, Greg Conrollo, Williamsville, NY, Howard Foutain, Cumming, GA. This column is all I have for qsl items reported. I have missed a few months due to the lack of material and having computer problems. I finally got my new computer as a 386 33mhz. with lots of stuff. I have hopes of getting an video frame grabber to do video id's to do some more logos from my video id tape collection.

Please send in some qsl items! I am plum out of qsl items to use. All I have left is some FM Radio Logos, and lots of old TV Logos that I could reuse over again. Send in something today! Upcoming is an new part of TV ID Logos, is Video Frame Grabs from my video id collection once I get the video frame grabber working on my new computer. 73's to later.





Bruce F. Elving, Ph.D., Editor Box 24 Adolph MN 55701-0024, U.S. A.

Contributions—especially about new stations broadcasting in \$tereo-welcomed!!!!!

FM Intermod Comparisons; New Sources of Selectivity Filters? Phase Cancelling Techniques Pay Off for NY DXer and Other Reports

During July I had the fun of playing with a tuner Doug Allen had modified for more selectivity, an older Sansui. was impressed that it received very little interference or intermod when the antenna was pointed at the Duluth locals 22 km away, and line-of-sight. I could get Thunder Bay ON and Ontonagon MI, which my Magnum Dynalab FT-101A could not. I explored the inner workings of the Sansui and even removed a metal shield over part of the FM section and tried it without that shield and the tuner's cover-still the same good intermod rejection. That tuner had four IFilters, not three like my Magnum has. I believe Doug put in 105s in all four slots. Resultant sensitivity was a bit worse than mine, but selectivity was slightly better. At this point I am not saying using a tuner with four or more IFilters will give you better local station overload rejection. I think it good, however, to test tuners and receivers for this, and DXers might want to check different ones that they have the opportunity to compare sideby-side with their own. The Sansui I played with was a model TU-919, into which I put an FM-SCS circuit. Doug writes: "Sure hated to part with this one! It's very similar to the better Pioneers of the late '70s, but also has digital readout and a very good AM tuner—quite a combination. I will continue to sell modified tuners, as available-mainly the Pioneer 8500, 9100, 9500, 9800 series-and would appreciate any plug you can give me. I will, in turn, suggest that customers buy your SCA products and other services." You can contact Doug at PO Box 5646, Woodland Park CO 80866.

Noise, or what the layperson dubs "static," may actually help bring in the DX, so alleges an article in the Feb. 23 "Science News," which R. Sabella sent. DXing is not mentioned, but we all know it is good to have that infernal muting shut off so that the weakest stations can be heard while DXing. An unfortunate concomitant of muting in many modern receivers is the placement of the stereo control on the same switch, so DXing must be done in mono, save for the strongest stations coming in.

A nonDXer in PA sent word that WJMA-FM Orange VA clings to 96.7, not yet moving to 98.9. So you'll want to DX that AM simulcaster on its "old" channel for no

It's good to hear from long-time DXer Rod Luoma: "Must, be _ vears since I saw you at the convention in Lansing MI. Enjoy your FM news column in the VUD. Got a '91 Honda with a pretty good radio and a hope

to make good use of the Atlas when traveling to New York Mills MN in a few weeks."

A person who does not sign its name from CA mentions that computers and DXing are often incompatible—even car radios are plagued by the computers in modern vehicles, "The problem can be recognized as cochannel interference that goes away when the car is turned off and appears at certain frequencies on the dial. Car dealers are not very likely to know how to deal with it, and complaints to the vehicle manufacturer may be the only recourse. . . They may have some fixes available." I have never noticed such problems, but if anyone has, please share.

Although skip has not been plentiful this year, John Jefferson's noticed a fair amount of short skip. He low power until mid-July; not known if \$tereo or not. tells that KCHQ 101.3 Altamont OR is on air, but was. Jim Wishner sent an article on the politics of selecting a winner for FM 107.5 in Des Moines. After spending a virtual fortune to get the original grant rescinded, gay activist Rich Eychener has emerged the winner. Rod

Sorenson, the original grantee, said "four years in limbo was not fun."

Karl Zuk called and said WBAI was off July 4 in the morning and he was able to tune in WJBR 99.5 in DE. I had the pleasure recently of meeting WTFDAer Randall Trapp, Dodge Center MN, who attended the same MN DX Club meeting where I was the guest speaker-in Minneapolis. I spoke on FM DXing, subcarriers and selectivity improvements; something I may do at the WTFDA confab in Dunkirk.

John Ebeling has sleuthed out some of the Caribbean FM scene-viz. Barbados BBS 90.7, Radio Liberty, \$, 98.1, Yess-Ten 4, \$, 104.1. St. Lucia: Faith FM 102 (101.9) on 5 p.m. to 10:30 p.m., "carrier on 24 hours."

Martinique: One FM, "nothing known."

Howard Stern's on KLSX 97.1 L.A., live at 3 a.m. local time and delayed to an hour when most L.A. folk are awake, so says an item Bill Nienajadly sent. And it looks like WMCA won't be retaking the 92.3 spot WXRK's on in NYC, where Howard S. holds forth. Salem Media apparently backed out in challenging WXRK's license renewal. KESE Seligman MO now on 93.3, ex 95.3, still b, \$. KHCA Wamego KS, Bill believes, is the station on 95.3 using "Angel 95." He found many NYC FM transmitters off in June one day; problem caused by a defective diplexer. He reported a couple of new stations, on 92.3 and 107.5. He spoke to Jerry Beaudin from MI, who indicated that Murata is willing to sell filters to DXers/experimenters in small quantities. See below for more from Beaudin.

Toko filters are now in 110 kHz and 150 kHz versions—this according to a catalog page Bill sent. "They sell 110; now and 150s!!!" The company is Digi-Key in Thief River Falls MN; (800) 344-4539. Filters are priced at

\$1.41 in quantity of one; \$11.99 for 10.

Bob Baker sent a story about too many FM stations and too few buyers, which was in the "New York Times," Sunday, June 30. It featured the time brokerage agreement by KWPM AM West Plains MO and KGAR in Willow

"A couple of changes you missed-WANV-FM 99.7 Staunton VA went to 50000 watts at begin of summer," chortles Gus Mancuso. However, their real power is a puny 3300 h,v, but at 516 m, gives it the 50 kw coverage at 150 m rhat they brag about. Gus is hearing new calls on Elizabeth City NC 93.7, now believed to be WKOC, "The Coast," r.

PA Erie WMCE *88.5 rp, still "C-Rock,"

but I show as o, not r!

August, 1991 "Thank you for keeping the non-institutional DXers' rate' open for us" in FMedia! says Frank Merrill. He thinks the "pesky unid. g" of last year on 99.1 was KSKB, having moved from 99.3, Brooklyn IA, and I think it is stereo.e WRSV 92.1 Rocky Mount NC has finally made the plunge and invested in stereo, which DXers able to receive it will appreciate. "I still haven't figured out how to deal with the one Atlas problem (changes that haven't taken place and may not, like KOKX.96.3 IA), but just realized that a lack of a \$ symbol is a dead giveaway that maybe you don't know its format. Of course it may refer to mono, but usually it turns out to be a new station with no format yet. Hearing 700-900 stations per year I can barely administer my loggings; that's why I don't take the extrastep and check formats in states' section."

Jerry Monroe sent a drawing showing how he modified his antenna setup for phase cancellation. HIs two antennas go into a two-way splitter and various traps before entering the receiver. The main antenna lead features a 20 dB preamp and an adjustable resistance or pot, while the nulling antenna has a tunable bandpass filter and 30 dB preamp and an adjustable pot. He reports excellent results. "By adjusting the bandpass filter of the "search" antenna I am in effect varying the phase of that signal. The search antenna (a multi-element VHF-UHF Radio Shack cheapie!) is pointed at the offending station via the armstrong technique and then the phasing and attenuators are adjusted for maximum cancellations. These nulls are much deeper than my 10element yagi creates, and allows one to hear more semi-semi local stations that I would normally have to wait for when my local stations go off the air." From the Syracuse area he is able to get such stations as: CFRC 101.9 Kingston ON vs. WSCP 101.7 Pulaski NY; WJYE 96.1 Buffalo NY vs. WFRG 96.1 Rome NY; WBSU *89.1 Brockport NY vs. WJPZ 89.1 Syracuse; WNED-FM *94.5 Buffalo NY vs. WYYY 94.5 Syracuse!

"The really neat thing is that stations that did not even try to come in over the much closer locals just pop in via the phasing technique. I have also tried this on low band TV and it works equally well!" Jerry expects to make the convention at Bob Seybold's, and I hope Jerry or somebody else could demonstrate the phasing technique there

Danny Buntin, who has found a poor DX season thus far, sent word that his local KSPI-FM 93.7 Stillwater OK now 24 hours, having moved from 93.9. And KCMA 92.1 Broken Arrow (Tulsa), now on with more power and still cf lassical l. It is the only commercial classical music FM in OK.

Thomas Leu ordered my radios' and electronics' catalog, as described in the VUD. He has a set which tunes in 10 kHz increments on FM and 1 kHz on AM-a Dual CT 5040 digital tuner, which he bought from Comb Liquidators. He wonders if Tim McVey could supply the color code data for the various bandwidths, as followup to a Nov. '90 article in the VUD. Tom would probably enjoy DXing KCMA, if he could get it in OK. "My FM DXing consists mostly of checking 88-92 mz for classical music stations. Except for that and sports broadcasts and news and an occasional new age-easy listening station. I can't stand listening to most of the programming. Guess I'm getting old and on the wrong side of the generation gap. My idea of oldies is music from the 1935 to 1955 era! My introduction to FM was the Zenith station on 45.1 mz in Chicago during World War II. I enjoy your column. Keep up the good work. I am going to try to make the convention in Dunkirk in August."

"Please do renew my FMedia! subscription!" writes ABC's Greg Hardison. "This September marks my 20th anniversary as a 'connoisseur' of yours-all starting (I believe) with the 2nd edition of the Atlas. . . My FM DXing is down to a bare minimum these days. . . I especially enjoy your context-distorting references to 'DXing', given along with very useful items of info in your VUD column-probably well over the heads of many folks!" Greg mentions some translators not on in his area—K224AE Burbank and K202BL in Granada Hills, which are presumed deleted.

Jerry Beaudin said "The contact woman (Linda Thomas) at Murata told me it doesn't matter to them whether each person ordered separately or a group ordered filters together. So I guess everyone can order their own. As far as shipping prices, she said prepaid orders of six pieces or less were free. I got a list of what is available

LIVOS			
SFE 10.7MHY-A SFE 107 MFP1 Not Available:	\$3.60 each, 7.00	110 kHz 55 kHz 130 kHz	"These prices may change." Jerry can also supply AM filters at 455 kHz, but those are much more expensive; if anyone is interested call him at
SFE 10.7 MJ-A	1.24	150 kHz	(906) 586-3021, or write him at Rt. 5, Box 2651,
SFE 10.7MS3-A	1.28	180 kHz	McMillan MI 49853, Murata Erie North America's
SFJ 10.7MS3-A	2.12	180 kHz	address is: Engineering/Prototype Order Dept., 2200
SFT 107 MA5-A	2.14	280 kHz	Lake Park Drive, Smyrna GA 30080. Jerry plans to get
of the 280s and 180s	or they have stee	aner curves o	wan though wider in their nesshands "They also have het-

also have better spurious response and less insertion loss. I think the 280 would be good for someone that doesn't want to cut the fidelity of their receiver."

See Also July VUD For AL Huntssville WJAB *90.9 now on with \$[tereo], Pugh, p. 30 AL Tuscaloosa WTUG 92.9, having moved from 92.7, "Around the Disls," p. 23 AL Winfield WKXM 105.9 \$, "Gold 106 FM," ["EZ-105," Buntin, p. 33 Pugh. p. 30 AR Booneville KEZU 104,7 (was KBSS), b./ AR Trumann KWEZ 106.7 (was KWLZ); is it stereo? Buntin, p. 33

CA Merced KDAT 106.3 remove \$, format, as is off, probably for a long time, Jefferson, p. 34 CO Buena Vista *89.3 may be the KRCC translator Allen, p. 29, reported on 89.7 (typo instead of 89 32)

CO Greeley 96.1 I list calls as KGLL, not "KGGL." "Around the Dials," p. 23 DE Milford WXPZ 101.3 gr, Oetting, p. 19, who must use a Harman Kardon tuner, not "Harmin Kardon" FL Mayo WGSG *89.3 g ("southern gospel"); is it \$7 "Around the Dials," p. 23 FL Miami WDNA *88.9 still mono? Coniglio,/ FL Silver Springs (not "High Sprigs") 95.5 WWGO Go 95.5 nonID; is it \$[tereo]? "Around the Dials," p. 23 FL Vero Beach WSCF *91.9 \$, Coniglio, p. 28 KY Whitley City WHAY 105.9-does it have stereo? Pugh, p. 30

LA Basile KBAZ 102.1 \$, Falconer, p. 26

LA Varnado WBOX-FM 92.7 B-92, Sittel, p. 32 MD Grasonville WHVY 103.1 Baltimore's New Rock 103.1, Shaftan, p. 24 MI Auburn WAHS *89.5 pr, Falconer, p. 27 MI DeWitt WOHH 96.5 rm, \$, ID with Lansing, "Q-96," Falconer, p. 28 MI Grand Repids WVGR *104.1 g? I would say more like c or j, Hall, p. 16 MS Fayette WTYJ 97.7 T-97, Allen, p. 29 MO Seligman KESE 93.3 ID with Joplin-Fayetteville AR, Buntin, p. 33 MO Vandalia KLRK*103.9; was supposed to go to 104.3 from 100.1; could the 103.9 be a typo? Dunne, p. 42 MO Webb City KMXL 95.1 (licensed to, but may ID with Carthage), Buntin, p. 33

"WBUG" and the "The Bug," Bugaj, p. 19 NY Oneida WMCR-FM 106.3 still mono? Renfrew, p. 22 NY Wellsville WJQZ 93.5 93-JQZ (from "Magic 93"), Nieman, p. 18 [Sittel, p. 31 NC OldFort WDLF 104.3-does it have stereo?/ NC Wilminoton 97.3 calls are WMNX: WNMX is in Newberry SC (106,3), Sittel, p. 31 OH Elyria WNWV 107.3 Cool FM (from "The Wave"), Renfrew, p. 22 OH Gibsonburg 95.7 I list calls as still being WRED, with "WTOD-FM" being a nonID; listen near the top of the hour to tell for sure, "Around the Diels," p. 23; Falconer, p. 27 OH MansfieldWYTN *91.7 mono-the first such Family FM station, Coniglio, p. 28 WVNO 106.1 106-VNO, r, Nieman, p. 17 OK Lawton KVRS*90.3-is it \$1 tereol? Ebeling,

VA White Stone 100 1 3000 h v: 100 m

6000 h.v: 56 m

Society

"Triple M 105 FM"

BC Canim Lake 98,1 8 h

WI Altoona WISM-FM [AM is in Eau Claire] 98.1

Westport CT] 105.5 3000 h,v; 100 m, r,

WI Whitewater WSLD 104.5 3000 h.y; 100 m

BC Kitseguecia (location unknown) 97.1 Bh./

PQ Harrington Harbour 97.7 180 h.y; English;

BC New Aivansh 96.1 8 h. Native C. S.

BC Atlin 96.1 8 watts h, Native Communications

[Native C. S.

[Native C. S.

WI Verona (Madison) WMMM-FM [AM is in

NY Fort Plain 101,1 calls are WLKO, but uses

[WXMH, Bugaj, p. 19 Falconer, p. 27 PA Mount Carmel 99.7 real calls are/ PA Tioga WPHD 93.3 stereo? "Around the Dials, " p. 23 PA Portage WKXU 105.7 ID with Johnstown, apparent stereo, Nieman, p. 18 PA Smethport WQRM 106.3 The Rocket; also WKBI-FM 94.3 and WFRM-FM 96.7 Couders port The Rocket, Hall, p. 16; Nieman, p. 17 SC Hilton Head Island WFXH 106.1 Fox 106.1, [Pugh, p. 30 Dunne, p. 41 TN Lawrenceburg WLLX 97.5 \$./ TN LoudonWXST 105,3 (was WESK),\$, Pugh,/ TN Seymour WGBZ 96.3-is it \$[tereo]? Sittel,

p. 31 ["Capon"), Coniglio, p. 28 OK Taft KHJM 100,3 KHJ nonID, Buntin, p. 33, TX Atlanta KPYN 99.3 K-Pine (from) TX Killeen KBTS 93.3 †X SCS, 67 kHz, Ebeling, p. 26 [it Stereo? Sittel, p. 32 TX Post KPOS-FM (was KNKC) 107.3-is/ VA Coeburn WZQK 99.7-does it have stereo? Sittel, p. 31 [Shaftan, p. 24 VA Richmond WVGO 106.5 Oldies 106./ VA South Boston (serving Raleigh NC, but not licensed there) WOOK 97.5, Laun, p. 32 VA Warrenton WMJR 107.7 Oldies 107.7, Sittel, p. 31 (spelling), Buntin, p. 33 WI Eau Claire WUEC *89.7 (correct town/ WY Ethete KIEA *89.7, heard by Mike Cherry in March (p. 16): I show as now being deleted ON Sudbury 92.7 calls are CJRQ, Nieman, p. 17 ON Toronto CIRV 88.7 I show as having a CP for 250 watts, which power they may be using, Monroe, p. 27 CUBA Havana: See list p. 22 MO Ashland 106.1 KYUA MO Cuba 102 1 KXIY [in Springfield MO Palmyra 97.9 KICK-FM (KIDS); AM is/ MO Savannah 92.7 KXGZ MO Webb City 95.1 KMXL (KKLL-FM)

p. 26; Sittel, p. 31 New FM Station Grants community station [h,v; English; com*ty PQ La Tabatiere/Mutton Bay 98.5 70/ AL Attalia (Gadsden) 102,9 1100 h,v; 214 m PQ Riviere-du-Loup CIBM- 107.9 33-w relayer of AL Dothan WJJN 101.3 3000 h.v: 100 m Riviere-du-Loup station AL Rogersvil le 93,9 3000 h,v; 100 m PQ Trais-Pistales CIBM- 104.9 8-w relayer AL Warrior 98.7 3000 h.y; 100 m MO Willard 105.1 KZDC AK Anchorage KRUA *88.1 160 h,v; 88 m, U. of Call Letters Assigned or Changed MT Bozeman *102.1 KBMC (KPXB) AK-Anchorage AL Birmingham 106.9 WBMH (WKXX), k NH Jackson 99.5 WZJN AR Hot Springs Village 92.9 2400 h,v: 152 m AL Moulton 103.1 WXKI NJ Petersburg 102,7 WSKR CA Los Banes 106.9 3000 h.v; 84 m AL Opelika 96.7 WMXA, to 3000 h,v; 100 m NM Gallup *91.7 KGLP DF Dover *91.7.710 v: 85 m. Temple U. NY Bridgeport 99.5 WTKW AZ Colorado City 107.1 KCCA GA Harlem (Augusta) 95 1 6000 h.v. 100 m. AZ Cottonwood 95.9 KZGL (KSMK), still r NY Canton 101.5 WX QZ GA Lilburn W288AU (although licensee claims it NC Kinston 102.9 WKGK (WELS-FM), a AZ Phoenix 96.9 KPSN (KMEO-FM) is "W288BB") 105.5 still on air, relaying NC Newport 103.3 WKQT (WZYC) AZ Tucson 107.5 KYUD WRAF *90.9 Toccoa Falls GA AZ Tusayan 92.1 KSGC (KRBZ) OH Harrison 104.3 WNLT (WVCZ) HI Princeville (Kausi) 98.9 100000 h.v: -16 m OH Manchester 101 3 WAGX AR Bella Vista 106.5 KBVA ID Preston 96.7 110 h.y; 69 m, the Nelsons OK Byng 100.1 KZDB AR Prairie Grove 94.9 KDAB IN Churubusco 96,3 3000 h,v; 100 m AR Wrightsville 107.7 KYTN (KQUG) OK Roland 92.3 KYUC IN Nashville 95.1 1600 h.y; 194 m., Julie J. Carey OR Gleneden Beach 97.5 KSHL CA Quincy 100.3 KZDD IN Noblesville 93,9 3000 h.v.; 100 m CA Victorville *88.5 KXGV; *89.5 KYUB PA Pittsburgh 96.1 WVTY (WHTX) IA Fairfield *90.5 100 h.y; 30 m., F. Educ. Radio SC McClellanville 98.9 WZJO CO Brush 107.1 KSIR (KKDD) Station.connected with Maharishi University? TN Dickson 93.7 WYYB CO Lamar 105.7 KVAY (KNIC) KY Cumberland 102.7 80 watts h,v;555 m TN Kingsport 104.9 WKOS (WZXY) CT Guilford *91.5 WGRS KY Madisonville 106,9 6000 h,v; 100 m TN Spencer 98.7 WZJP CT Litchfield 97 3 WZBG KY Valley Station 105.9 3000 h,v TX Big Spring 95.3 KBST-FM (KBST) DE Salbyville 97.9 WSBL LA Lake Charles 105,3 50000 h.v; 150 m FL Bonita Springs 96.1 WRXK-FM (WRXK) TX Farwell 98.3 KICA-FM (KLZK), op; AM is in MD CaliforniaWBEY 102.9 3000h,v;100 m FL Clearwater 95.7 WMTX-FM (WMTX; AM is in Clovis NM MI Walker (Grand Rapids) 100.5 2400 h,v; 113 TX Gregory 104.5 KZDA Pinealise Park F1) m, GNS Bostq., initial decision El Ednawater 93 1 WEDS TX Hallettsville 99.9 KFSL MS Natchez 97,3 3000 h,v; 100 m TX Muleshoe 103.1 KMUL"-FM" (KMUL-FM; FL Five Points 106.5 WCJX MO Half Way (Bolivar) 93.1 2400 h,v; 112 m FL Sarasota 106.3 WSRZ-FM (WSRZ), olldies) AM gets new calls) MO St. Robert KFLD 96.5 6000 h.v; 100 m TX Post 107.3 KPOS-FM (KNKC) FL West Palm Beach *90.7 WXEL-FM (WXEL; NH Lancaster 102,3 3000 h.y; 45 m WXEL-TV is on ch. 42) TX Uvalde 102.3 KKX\$ (KLX0) NJ Atlantic City *89.7 25 w h, 6000 v; 84 m, NJ UTBountiful 99.5 KUTQ (KLVV), still "Q-99.5" GA Brunswick 100.7 WOKV-FM (WIOI-FM); [Espanola station Pub. Bostg. Auth. [gets new calls UTSouth Ogden 106.3 K292EO (from K292ED) AM is in Jacksonville FL NM Santa Fe KIOT-1 102,3 250-wbooster of/ GA Buford 102.3 WLKQ "-FM" (WLKQ); AM/ VT Hartford 104.3 WGLV (WVFA) NY Olean W218AK *91.5 (WFBF 89.9 Buffalo) VA Narrows 101.3 WZFM (WNRV-FM) GA Fitzgerald 96.9 WRDO NY Peru *88,3 200 h,v; 338 m, St. Lawrence U. GA Wrens 96.7 WAKB-FM (WAKB) WA Goldendale 102.3 KYYT (KZPC) OK Altus K210ML *89.9 (KCCU 89.3 Lawton) WA Kelso 94.5 KUKN HI Lanai City 104.7 KONI PA Burnham (Lewistown) 96.7 450 h,v; 259 m IN Howe *89.7 WHWE WV Fisher *103.7 WYFY TN Dresden 95.1 6000 h,v; 100 m IA Oskaloosa 104.9 KBOE-FM (KOSK), k WI Watertown 94.1 WJJO (WTFX), rm, "adult TN Madisonville 99.5 2500 h,v; 157 m contemporary and some rock" KS Wichita *88.3 KYFW (KCEV) TX Amarillo 105.7 3000 h,v; 100 m KY Eminence 105,7 WXLN-FM (WXLN); AM is BC Vancouver 95.3 CKZZ (CJEE), rs, "Zed TX Franklin 98.9 3000 h.y.; 100 m 95.3," giving calls at top of hour in Louisville UT Midvale KQMB 102.7 50000 h,v; 835 m, KY Louisville 99.7 WDJX (WDJX-FM) NB Grand Falls 105.1 CFAI-1, to 3000 h,v Walter P. Faber, Jr., but FCC rejected Faber's 100.5 WTFX bid for a different site with better coverage LA Bastrop 100.1 KRVV (KMYQ-/ VA Martinsville *90.5 9800 h,v; 116 m, direc-LA Monroe 106.1 KMGC (KNAN), still "Magic/ tional antenna (d-a), M. Community Work-LA New Iberia 93.7 KKZN shop, Inc. [ion Communications, Inc. ME Dover-Foxcroft 103.1 WDME"-FM" VA Roanoke *90.3 2000 h,v; 455 m, g, Vis-/ (WDME; AM folds)

MS Olive Branch 95.7 WYYA

MS Starkville 106.1 WMXU (WKYJ)

NB St-Quentin 90.1 CFAI-2, to 3000 h,v ON Ottawa *89.1 CHUO (CFUO), given an extension of time to build PQ Saint-Augustin 93.5 CJAS, now French k BN Tijuana 98.9 XHQF (not XHQF) MD Mechanicsville 98.3 WSMD (WQMR) Facilities Changes Granted MD Ocean Pines 97.1 WXJO Selected-more are in FMedial MD Towson *89.7 WTMD (WCVT) AL Citronelle WKQR 102.1 (from 101.9) 15400 MA South Yermouth 103.9 WATB (WVCU) h,v; 130 m, C3 MI Grand Rapids *89.9 WBYW (WEHB), rj AZ Sedona KSED 107.5 98400 h,v (446 m), MI Lexington 96.9 WBTI (WYDG) transmitter wormon Mountain, 25 km NE MN Deer River 105.5 KLZZ (KXGP) AZ Show Low KVWM-FM 93.5 25000 h,v (46 MN Walker 99.1 (having moved from 99.3) m), C3, adding vertical; stereo? KLLZ (KLLR-FM), rm, "KLZ, Minnesota's AZ Yuma KCFY *88,1 73 m (3000 h,v) Power Loon," adds †M, 67 kHz SCS; CA Delano KDNO 98.5 152 m (50000 h,v) simulcasts with KLIZ-FM 107.5 Brainerd MN CA Long Beach KSKQ-FM 97.9 150 m (79000

h,v); transmitter to Baldwin Hills Reservoir

KGB 101.5 50000 h,v; 152 m

CA San Diego KSON-FM 97.3 50000 h,v; 134 m

KSDO-FM 102.9 31600 h,v; 188 m, d-a; these changes because move to Cowles Mtn. denied CO Walsenburg KSPK 102.3 17000 h,v (116 m) CT Enfield WPKX 97 9 2200 h v (161 m) FL Goulds WRTO 98.3 100000 h.v: 496 m, C FL Key West WJIR *90.9 3000 h,v; 32 m GA Blackshear WKUB 105.1 (from 104.9) [000 h v (334 m) 37000 h.v: 92 m. C2 IL Rock Island WVIK *90.3 (from 90.1) 31-/ IA Red Oak KOAK-FM 95.3 25000 h.y: 90 m. C3 IA Weterloo KFMW 107.9 100000 h,v; 550 m, "hack on the channel 7 tower near Rowley. KS Hiswetha KNZA 103,9 128 m (50000 h,v) KS Winfield KWKS 107.9 (from 94.3) [102,3 3300 h,y (91 m) KY Benton WCBL-FM/ KY Central City WKYA 101.9 206 m (100000) KY Vine Grove WRZI 101.5 6000 h,v (100 m) LA Abbeville KROF-FM 105.1 (from 104.9) 25000 h,v; 89 m, C3 [(100 m), C3 LA Bunkie KRBG 104.3 25000 h.v/ LA Ferriday KFNV-FM 107.1 18500 h,v; 71/ LA Kentwood WXLT 94.1 (city of license change from McComb MS; to retain present transmitter site, C1) Ih.y:134 m.C3 ME Fairfield WEZO 93.5 (from 93.3) 13500/ MD Oakland WXIE 92.3 (having moved from [h,v; 150 m 92.1) MI Berrien Springs WAUS *90.7 50000/ MI Frankfort WBN Z 99.3 50000 h.v (125 m), C2 MI Marquette WHWL *95,7 noncommercial MI Pittsford WPCJ *91.1 270 h v: 56 m MN Cold Spring (from Litchfield) KMXK 94.9, at KMXK's present transmitter site MN St. Cloud KVSC *88.1 16500v: 136 m: no h MS Hattiesburg WHSY-FM 104.5 134 m d-a (1000000 h v) MS Oxford WKLJ 93.7 (from 107.1) MO Bowling Green KPCR-FM 94.1 (from 100.9) 25000 h,v; 82 m, C3 MO Louisiana KJFM 102.1 (having moved from 101.7) 3700 h,v; 118 m.\$ [m), C3 MO Mount Vernon KTJA 106.7 25000 h,v(100/ MO Nixa (from Bolivar) KGBX 105.9, at a site 29.2 km north (near Springfield) MT Dillon KDBM-FM 98,3 10500 h,v; 151 m, C3 MT Great Falls KMON-FM 94.5 51000 h.v (143 m) [Kingman AZ (from KDKB 93,3 Mesa) NV Laughlin K292EF 106.3 has KGMN 99.9/ NV Mesquite KIPP 97.5 299 m (100000 h,v) NY Boonville WBRV-FM 101.3 720 h.v (104 m) NY Hoosick Falls WNGN 97.5 450 h.y; 356 m. transmitter 3 km SW of Bennington VT; not [vertical, now 6 kw NY JohnstownWSRD 104.9 with oldieshas/ NY Spencer WCII *88.5 148 m (7000 h,v) NY West Point WKDT *89.3 100 watts horizontal only (antenna height estimated at -150 meters); off for the summer NC Concord WPEG 97.9 78800 h,v; 491 m NC Elkin WIFM 100,9 600 h,v; 216 m NC Kannapolis WRFX 99.7 317 d-a (100000 h.v) ND Dickinson KRRB 92.1 1600 h v (174 m) OH West Carroll ton WQRP *88.14000 h v: 90 m OK Guymon KKBS 92,7 11300 h,y; 148 m, C3 PA Edinboro WXTA 97.9 10000 h v (154 m), B1 PA Lewistown WMRF 95.9 3900 h v (125 m) SC Cheraw WJMX-FM 103.3 50000 h,v; 150 m SC Hanshan WAVF 96.1 164 m (100000 h,v) SC Ravenel WMGL 101.7 50000 h.v; 150 m, C2 SC Summerville WWWZ 93.3 (from 93.5) 50000 [000 h.y (150 m) h.v: 150 m. C2 SD Brookings KBRK-FM 93.7 100-/ TX Abilene KEAN-FM 105,1 247 m (100000/ TX Aloine KALP 92.7 2400 h.v: 100 m TX Bryan KORA 98.3 2300 h.v (162 m) TX Columbus KULM 98.3 6000 h.v: 63 m TX Mirando City KZZQ 100.5 (from 100.9) 42000 h.y: 163 m. C2 TX Odessa KENT-FM *90.5 6500 h,v; 138 m TX Rockdale KRXT 98.5 6000 h,v (100 m) TX Seabrook KRTS 92.1 32800 h,v; 184 m, C2

KFOX, KWIZ-FM Renounce Stereo August, 1991 UT Salt Lake City (new) *88.3 750 h,v; -179 m FL Micanopy WLCL 97.7 op VA Clinchco WDIC-FM 93,1 100 m (6000 h,v) GA Augusta WBBQ-FM 104,3 r (still "top VA Glaucester WXGM-FM 99.1 3000 h.v: 100 m 40/rock") VA Harrisonburg WMRA *90.7 7500 h.v: 319 m GA Columbus WCGO 107.3 r, but some s[oul] WI Rhinelander W228AW 93.5 (from W282AA GA Fort Valley WQBZ 106.3 rp, "aithough some 104.3) classic rock pieces" [contemporary ON Parry Sound CKLP 103.3 50000 h,v; at a new GA NewnanWMKJ 96.7 rm, "still adult/ site (height not announced)
CH Ciudad Juarez XHIM 105.1 4000 h.v (-5 m), GA Richmond Hill WRHQ 105.3 r; \$? GA Thomasville WSNI 107.1 o, "Sunny 107," "Esteren Mexicana" ["Estereo Ritmo" now DX ready with 68200 h,v; 251 m BN Mexicali XHMMF 92.3 20000 h,v (45 m),/ GA Valdesta WVCM 96.7 k HI Waipahu KDEO-FM 102.7 pm, "Radio Free Stereo or to be \$tereo Hawaii," playing requested songs from any AZ Cisypool KIKO-FM 105.5 format FL Callaway WBKL 103.5 IL Belvidere WXRX 104.9 rp [ama City FI Marco WGUF 92.7 IL Chicago WPNT-FM 100.3 rs FL Mexico Beach WEBZ 99.3, ID with Pan-/ IL Evanston WNUR *89.3 p, with some ethnic, IL Morrison WZZT 95.1 black and jazz weekends IA New Hampton KCZE 95.1 IL Jacksonville WYMG 100.5 rp MI Glen Arbor 98.1, r, simulcasting WUPS 98.5 IL Loves Park WLUV-FM 96.7 rk, but also talk, Houghton Lake with joint ID around :43; soul "and a few others. . . Hard to tell what assumed stereo these folks' format is." MI Portage WUBU 96.5, uses calls and the slogan IL Peoria WWCT 105.7 r, simulcasting with "The Station That Lets You be You"; ID WJEQ 102.7 Macomb, "FM 106 and 103." with Kalamazon [(strict), r[ock] "Hard rock, and Macomb loses a 'local' MO Bonne Terre KDBB 104.3, "BB-104"/ except for five seconds per hour. Yucch!" MO Clinton KLRQ 96.1, "Q-96" IL Winnebago WKMQ 95.3 o ND Langdon KVLR 95.7, "V-96" IN Bicknell WUZR 105.7 o SC Conway WJXY-FM 93.9 IA Ankeny KMXD 186.3 m, signing on July 1, 24 SC Walhalla WGOG-FM 96.3 hours/day, using CDs-in stereo? TX McKinney KSSA-FM 106.9: "We have an IA Cedar Rapids KHAK-FM 98.1 k application pending to go up to 6 kw," and IA Dubuque KATF 92.9 rm, still "92.9 Kat FM" will reinstitute \$. KDFX 102.3 on TX Odessa KMRK 96.1 IA Pella KDMG 103.3 o TX Wichita Falls KLHA 105.5, gr, on air KS Concordia KCKS 95.3 o VA Woodstock WAZR 93.7, k KS Manhattan KSDB *91.9 p WI Rudolph WIZD 99.9 ME Gardiner WABK-FM 104,3 rm ON Fort Erie CJFT 101.1, "Rich Blend 101" ME Kennebunk WKME 99.3 to be c, expected on ON Toronto CIRV 88.7 by fall: owned by Brenda Tanger Monophoni MD Baltimore WYST 92.3 r, "currents and CA Redondo Beach KFOX 93.5, e. Korean, oldies; yewn!" Still "92 Star." full time mono [time mono MA Amherst WRNX 100.9 op CA Santa Ana KWIZ-FM 96.7, e, now full-/ MA Marshfield WATD 95.9 m; "sounds like a NJ Trenton WNJT-FM *88.1, to be nt, but WPLM-FM (99.1 Plymouth) clone, contrary playing music monophonically to the 'r' listing in the Atlas." ND Dakes KDDR-FM 92.5 (moving to from MI Atlanta WAIR 92.5 o 92.3), went mono, simulcasting AM MI Buchanan WSMK 99.1 s. mono, parallel to OK Weatherford KBXR 97.3, remove stereo WUBU 96.5 Portage and originating from Format Changes (Selected) WLLJ Cassapolis M.I; nonID: "Gem 910" MI Houghton Lake WUPS 98.5 r, simulcasting Formats are the same as in the "FM Atlas" withWMLB98.1 Glen Arbor; WMLB assumed AZ Bisbee KZMK 92.1 p AZ Kingman KRCY 105.9 o; is it stereo? MI Traverse City WNMC *90.9 p AZ Oracle KBTR 103.1 m, "Brighter 103.1" MN Brainerd KLIZ-FM 107.5 rm, simulcast with AZ Parker KMDX 99.3 off air, remove \$, format KLLZ 99.1 Walker; studios in Brainerd, AZ Sedona KQST 102.9 rj, "The Quest" (still on "KLZ Minnesota's Power Loon," but giving its call letters as "KLIZ"; ID with Bexter MN. 100.1, but FCC grants extension of time to move to 102.9) MN Duluth KODS-FM 94.9 rp. AZ Sierra Vista KFFN 100.9 rm MN Minneapolis KFAI *90.3 pi AR Ashdown KHSP-FM 103.9 gr MN Moorhead KQWB-FM 98.7 rp AR Pine Bluff KZYP 99.3 sr MN Rochester KROC-FM 106.9 r, ID with CA Arcadia KMAX 107.1 g, still monophonic 1620 AM Austin-Albert Lea CA Desert Center KZAL 101.5 o, relaying KRCY MS Jackson WJDX 96.3 rm, relaying WJDS/ 105,9 Kingman AZ (in stereo?) MS Laurel WMXI 98.1 rm CA Fort Bragg KSAY 97.7 rm MO Jonlin KKUZ 102.5 rm CA Indio-Palm Springs KCMJ-FM 92.7 rm, "KC MO Liberty KXXR 106.5 r 92.7 FM" (strict; from "Classy 92 FM") MD Osane Beach KYLC 93.5 on CA Morro Bay KWWV 99.7 m, "The Wave"; \$? NV Las Venas KKLZ 96.3 np CA San Francisco KDBK 98.9 on KYRK 97.1 rs; KRLV 108.5 rm CA San Jacinto KWRP 96.1 m (Stereo?) NV Pahrump KUDA 107.5 o. "Oldies 107.5" CA San Luis Obispo KZOZ 93.3 op, classic rock NH Concord WKXL-FM 102.3 tr, simulcasting CA San Rafael KTID 100.7 mr the AM, "Their programming on FM was CA Santa Cruz KDBQ 99.1 op, relaying KDBK going bust." Any stereo left? 98.9 San Francisco NH Hinsdale WYRY 104.9 o, via satellite CA Twentynine Palms KQYN 95.7 rp NJ Atlantic City WAYV 95.1 r; uses "Hot 95" CA West Covina KBOB 98.3 m, I, S, "big band slogan only with call letters and Spanish, full time monophopic' NM Deming KDEM 94.3 o CO Fort Collins KIMN 107.9 sr NY Rensselaer WQBK-FM 103.9 op, "classic CO Greeley KGLL 96.1 k, "Eagle 96" [Channel rock-the hard rock version of oldies" FL High Springs WY OC 104.9 o, "Your Oldies/

NY Southampton WHFM 95.3 r

NC Burlington WZZU 93.9 op

NY Voorheesville WCDA 96.3 r, "CD 96": \$?

FL Holiday WLVU-FM 106,3 m, via satellite

FL Immokalee WCOO 98.3 o

FL Key West WAIL 95.5 p

OH Akron WONE-FM 97.5 op OH Barnesville WBNV 93.5 o OH Caldwell WWKC 104.9 k OH Crestline WAPO 98.7 p OH Delaware WCEZ 107.9 b OH Oxford WOXY 97.7 p, still "97-X" OK Altus KRKZ 93.5 r, CHR OK Comanche KDDQ 96.7 rm, 'Lite 97, K-Double Q" OK Lawton KCCU *89.3 cb, with NPR, \$ plans translators in Ardmore and Altus, Is 2000 watts vertical, 50 w. horizontal, OK Okmulgee KTHK 94.1 op, still "The Hawk" OK Sand Springs KTOW-FM 102.3 p, "modern rock" OR Medford KBOY 95.7 op PA Mercer WKTX-FM 96 7 or "KTX" PA Wellsboro WNBT-FM 104.5 rm TN Clarksville WAPX *91.7 p, "college rock" TN Donelson WAMB-FM1 106.7 still m, but has a 30-minutes' program in Japanese most nights. TN Huntingdon WVHR 100.9 k TN Murfreesboro WRMX 96.3 o. "Oldies 96.3" TN Nashville WLAC-FM 105.9 rm, "Bill N. would call them lame, and so would I. TN Springfield WDBL-FM 94.3 mk, "Typical small-town station, one of the few FMs that still relay the AM rather than the other way [(from "VRY-105") TN Waverly WVRY 105.1 o, "V-105"/ TX Harlingen KM8H *88.9 tc TX Houston KTRU *91.7 pj, also some c; now 150 m, 50000 h,v TX Mount Pleasant KPXI 100.7 rp, "X-100" reinstated and ID with Tyler-Longview TX San Antonio KSAQ 96.1 rp TX San Marcos KEYI-FM 103.5 rj, "new age" TX Wichita Falls KTLT 106.3 r, "FM-106" (strict) VT Vergennes WIZN 106,7 op [Harrisonburg VA BridgewaterWRDJ-FM 105.1 r,ID with/ VA Buffalo Gao WSKO 105.5 k VA Elkton WPKZ 98.5 k, "Power Country 98-5." ID with Harrisonburg VA Exmore WKRF 107 5 rm WA Bellingham KZAZ *91.7 to be nj, but did not make proposed June 2 target date WA Seattle KWMX 100.7 r, still "Mix 101" WI Neillswille WCCN-FM 107.5 op, SMN, "Classic Rock WCCN" WI Prairie du Chien WPRE-FM 94.3 kr. still/ WI Racine WBZN-FM 100.7 sr. "B-100" WI Washburn WEGZ 105.9 k, "Eagle Country 106" (from "Eagle 106") WY Casper KCSP 106.9 or WY Cody KTAG 97.9 op. SMN ON Ottawa CEMO 93 9 h CHEZ 106.1 r, "Shay 106" ON Windsor CIMX 88,7 pr, "89 X," very strict; "does NOT use call letters." PQ Montreal CJFM 95.9 r "Wish I could afford to subscribe to your publication-FMedial isn't it?' On Air (Selected)

CA Sacramento KXJZ *88.9 CO Romeo K240BJ 95,9, on San Antonio Peak in New Mexico, "puts out a killer signal into an area very underserved" GA Roswell W298AA *107.5 still on air, but slated to delete (or change frequency) because of new Roswell grant on 107.5 [90,5 IL GalesburgWVKC*90.7,havingmoved from/ IL Savanna WCCI 100,3, having moved from 100.1 IN Earl Park WIBN 98.1, having moved/ IA Fort Madison KBK8-FM 101.7 with 50000 h,v; 142 m, transmitter Wever IA. See "Facilities," above, Louisiana MO IA Webster City KOWC-FM 95.7, having moved from 95 9 KS El Dorado KBUZ 99.1, having moved/

still "Magic 95"

TX Electra KWTA 95.1

TX Olney KJLR 97.5

TX Muenster KXGM 106.5

TX Wichita Falls KCRN *90.5

WV Mannington WTUS 102.7

WV Philippi WQAB *91,3

WV Pocatalico WTUN 98.7

TX Bridgeport KBTT *90.5

TX Denison-Sherman KTCY 104.9; "I assume

they are finally going to upgrade"

TX Seymour KSEY-FM 93.9 (still on 94.3)

WA Spokane KVXO 103.9, "pending sale"

WV Elkins WELK 94,7 (still on 95.3)

KVRW 1073

Do WDNR, WZZE, WLIU Really Get Out? MD Bel Air WHFC *91.1, but runs a limited Deletions (Selected) schedule, usually 2 p.m. to 10 p.m. during the MN Staples KNSP-FM 94.7 school year MN St. Louis Park K288DE 105.5, an unbuilt CP MO Kirksville KLTE 107.9; \$tereo? NY Webster W292AH *106.3 OH Jefferson W220AK *91.9 PA Chester WDNR *89.5, but "just doesn't/ TX Bowie K221CG 92.1 PA Glen Mills WZZE *97.3, but "runs a totally TX Wichita Falls K244CC 96.7, an unbuilt CP irregular schedule. . . This is a private school for kids who have had problems with the law "I finally had a chance to peruse the 13th edition or are otherwise troubled," of the FM Atlas and all I can say is please keep PA Lincoln University WLIU *88.7, "despite not up the magnificent work." having had a current license for some time, SCServices, 57, 67, 92 kHz, TV-SAP and they supposedly 'get out'.' PA Radnor Township WYRF *89 1 and Villanova Symbols are as in the "FRI Atlas" WXVU *89.1, both p, sharing time, but not AZ Flagstaff KAFF-FM 92,9 tU, 67: "Kaff vet noeration on Sundays: are they Stereo? Country" (strict) PA Swerthmore WSRN *91.5, "but just doesn't CA Berkeley KPFA *94.1 a staff member there get out": believed off for the summer claims they have date at 67 kHz; but it is PA Telford WBMR *91.7 still erratic, on some assumed instead that the TT for the blind is days, off others. Still "just classical music and still viable on their 67. IDs near the hour." Has stereophony. CO Denver KCFR *90.1 †Z. 67 (instead of †X): TX Temple KPLE 104.3, having moved from TY, 92; the 67 is Data Broadcasting Corp. 104.9: ID with Killeen and third city. MO Joplin KOBC *90.7 tG, 67, Roy Swofford's alternating between Belton and Waco Inspirational Audio Music (replaces secular Off Air or Not Yet On †M), It comes in fine on K276DC *103.1 Chanute KS, but K261AX *100.1 Fayette-DE Milford WXPZ 101.3 ville AR "barely picks up SCA." DE Laurel WDNE 95,3 MO St. Louis KRJY 96.3 †Z, 20% injection of DE Lewes WXJN 105,9 Data Broadcasting Corp. SCS DE Wilmington WMPH *91,7 has been off for MT Bozeman KBOZ-FM 93.7 †M (Muzak), 67; "well over a year, and the Wilmington School main channel switches to r (CHR) District seems disinterested in it" OR Portland continues to be the market with a GA DawsonWAZE 92.1, along withWHIA 990/ test of AT&E's "Messagewatches" on FM GA McDonough WMVV *90.7, but has applied SCS at 57 kHz. "The company isn't trying to for move to Griffin GA at 6 kw: keeps market the service to new subscribers, nor is it renewing its CP every six months. WABE planning to move into other markets before it *90.1 Atlanta originally opposed the move to secures a business partner." The special Selko Griffin, but no longer objects. "While in watches which can print a short paging McDonough they never operated at more message sell for \$225 and cost \$12.50/month than 121/2 watts, due to local zoning problems, for the paging services. and the resulting coverage was so minimal it TX Luling-Austin KATG 94.7 tZ, 67, at 20% wasn't worth it injection, renting also the 92 channel-but all MD Cambridge WFBR 94.3 Data Broadcasting Corp. energy is centered MD Federalsburg WDLE-FM 107.1, "still silent" on 67 kHz MD Ocean Pines WZJO 97.1 PR Fajardo-San Juan WDOY 96.5 † Z. 67. Data MD Westernport WWPN 92.7 Broadcasting Corp. "They just moved their MI Baraga WXNL 104,3 antenna to a new mountainton tower." MI Hancock WTHV 98.7 From a Chinese reader: 'We have stopped doing MI Houghton WOLF 96.3 (still on 97.7) the tunable SCA radio, I don't know if I have MI Newberry WNBY-FM 93.7, still on 93.5 missed any of your newsletter. If I do would MN Roseau KRMB 102 1 you kindly sent me the back issue? I love to MN Thief River Falls K202BK *88.3 read it. It's such informative and fun!" MO Aurora KELE 100.1, silent along with its AM, "pending sale" NonIDS, Not Just Slogans MO De Soto KDJR 100.1 Mentioned usually without call letters, "strict" if NY Avon ("ave-on," not "aye-von") WYNQ 93.3 NY Clyde WRCD 93.7 NY Honeove Falls WFUD 107.3 hour) NY Palmyra WZXV 99.7 NY Sodus WNNR 103.5 Fox") NY Utica WEIF 100.7 NC Belheven WKJA 101.1, still on 92.1 ND Bismarck KVPH 98,7 AR Harrison KCWD 96.1 97-Country ("dumbl") ND Fargo KSMM 107.9, contrary to earlier AR Hot Springs KOUS 97.5 US-97 ("dropped report that it had come on the air the .5-for shame!") ND Wishek KMVC 100.3 wants to reduce to C1 CA Anderson KEWB 94.7 B-94 OK Lawton KBZQ 95.3; KMGZ there is still on 95.3, but supposed to move to 99.5; KMGZ

a station only uses call letters once per hour as required by the FCC (at or near the top of the AL Prattville WXFX 95.1 95.1 Fox (from "The [(same as Sun City 106.3) AZ Arizona City KONZ 106.3 Concert 106/ AZ Miami KQSS 98.3 Kiss FM, ID with Globe

CA Los Banos-Merced KSNN 104,7 Hot 105 (finding "Kissin" too unsanitary)

CA Los Osos KSTT-FM 101.3 Coast 101.3 CA Marysville KRFD 99.9 K-100

CA Palm Springs KPSI-FM 100.5 Power Radio 100.5 ("sometimes 100.5 Power Radio-and

never [?] using KPSI-FM calls") CO Durango KIQX 101.3 uses calls, not "Kix" CO Lakewood KRXY-FM 107.5 Mix 107.5 (from "Y-102")

FL Arradia WXKT 98 3 98 3 Cool FM FL Quincy WFHT 101.5 Hot 101.5 (strict) CH Ciudad Juarez XHPX 98.3 FM Globo

Multi-City IDs in Use (See this feature in FMedial my newsletter sample copy \$2.00 from address at top of this column) 73,

FM OPERATIONS IN THE CARIBBEAN AREA

(AS GLEANED FROM THE 1991 WORLD RADIO TV HANDBOOK)

Freq 88.1	Power		Slogan/Call DBS Radio	Country DOMINICA	Schedule (in UTC) 0930(09555u)-0230
88.7	250		WPRT Radio	TURKS & CAICOS	
88.9	21000		Friends FM	BELIZE	1600-1100
89.1	15000	\$	ZBM-FM	BERMUDA	24
89.3			KLAS-FM	JAMAICA	24
89.3	250		WIV-FM	TURKS & CAICOS	24
89.9	10000		Channel 90	ARUBA	1000(1200Su)-0500
89.9	250		R. Cayman	CAYMAN ISLANDS	1100-0400
89.9			R. Caraibes	MARTINIQUE	24
89.9	250		WIV-FM	TURKS & CAICOS	24
90	200		ZIZ		(T-1/2)
90.0	10			ST. KITTS & NEVIS	1000-0400
90.3	*		Lighthouse	ANTIGUA	0925-0230
90.5	20000		R. Progreso	CUBA	20
			Supreme Sound	JAMAICA	24
90.5	250		WIV-FM	TURKS & CAICOS	24
90.7		5	BBS	BARBADOS	24
91.1	100		Friends FM	BELIZE	1600-1100
91.1	5000	\$	R. Two	JAMAICA	24
91.5	13000		Fame FM	JAMAICA	24
91.7	10000		Z-Gold	BRITISH VIRGIN ISLANDS	1000-0400
91.9	250		R. Cayman	CAYMAN ISLANDS	1100-0400
92	300		RFO	MARTINIQUE	0800-0400
92.1	*		R. Rebelde	CUBA	
92.1	1000	\$	R. Two	JAMAICA	24
92.5	250		WIV-FM	TURKS & CAICOS	24
92.5			R. Caraibes	MARTINIQUE	24
92.7	5000		Fame FM	JAMAICA	24
92.9	2000		Supreme Sound	JAMAICA	24
93.1	1000		R. Victoria	ARUBA	1200-0300
93.1	5000		BFBS	BEL I ZE	24
93.3	35000		R. One	JAMAICA	24
93.4			Gem R.	Saba, NETH. ANTS.	1000-2330(1700Su)
93.7	*		R. Enciclopedia	CUBA	1000 200011100001
93.8	1000		GEM R.	MONTSERRAT	
93.9			VO Saba	Saba, NETH. ANTS.	
93.9	20000		R. Korsou FM	NETHERLANDS ANTILLES	24
94.3	10000		Z-Hit	BRITISH VIRGIN ISLANDS	1000-0400
94.4	20000		GEM R.	MONTSERRAT	1000-0400
94.5	5000		Supreme Sound	JAMAICA	24
94.7	250		Radif. Boneriano	NETHERLANDS ANTILLES	
94.9	1000		ZFB-FM	BERMUDA	1200(1300Su)-0200
95	50		RFO	MARTINIQUE	24
95.1	*		CMBF		0800-0400
95.1	20000		R. 95	Habana, CUBA	20
95.3	20000			TRINIDAD & TOBAGO	24
	1.000		R. St. Martin	St. Martin, GUADELOUPE	1000-0500(0400Su)
95.5	4000		Z-FM	NETHERLANDS ANTILLES	V2-15
95.5	300		R. Caribbean Int	ST. LUCIA	24
95.7	500		Fame FM	JAMAICA	24
95.7	13000		Fame FM	JAMAICA	24
95.9	250	0.20	R. Reloj	CUBA	
96.1	1000	\$	VO the Islands	DOMINICA	1015-0300
97.0	3000		RFO	GUADELOUPE	24
97.1	3500		R. One	JAMAICA	24
97.3	35000		R. Dne	JAMAICA	24
97.3			SLBS	ST. LUCIA	0925-0300
97.3	10000		Z-Wave	BRITISH VIRGIN ISLANDS	1000-0400

FM OPERATIONS IN THE CARIBBEAN AREA

97.7	*		COCO	CUBA	
97.9			R. Caruso Booy	ARUBA	
98.1	5000	\$	Liberty FM	BARBADOS	0900-2300(0400FrSa)
98.1	2000	5	R. Caribbean Int	DOMINICA	24
98.1	10000		Fame FM	JAMAICA	24
98.7			R. Cd. de Habana	CUBA	
98.7	2000		R. One	JAMAICA	24
98.7	0.000		R. Caraibes	MARTINIQUE	24
98.9	20000	\$	NBS	TRINIDAD & TOBAGO	0845-0600
99.0			ZDK	ANTIGUA	0900-0504(0956Sa, 1426-0204Su)
99.1	3000		BFBS	BELIZE	24
99.1	1000		BFBS	BELIZE	24
99.1	300		R. Caribbean Int	ST. LUCIA	24
99.2			RED	St. Martin, GUADELOUPE	24
99.5			SLBS	ST. LUCIA	0925-0300
99.7	1000		R. One	JAMAICA	24
100.1	100		Beacon	ANGUILLA	0900-0600
100.3	1000	\$	R. Two	JAMAICA	24
100.7	*		R. Cadena Habana	CUBA	
101.1	2500		R. Caribbean Int	ST. LUCIA	24
101.2	5000			NETHERLANDS ANTILLES	
101.3	13000		Supreme Sound	JAMAICA	24
101.9	5000		R. Hoyer 1	NETHERLANDS ANTILLES	0930-0430 (1230-0330Su)
102	400		AFRTS	Guantanamo, CUBA	24
102.1	1275050		VO Life	DOMINICA	0900-0300
102.7	3500		PJD-3	NETHERLANDS ANTILLES	24
102.9	*		R. Metropolitana	CUBA	
103	50		AFRTS	Guantanamo, CUBA	24
103.5			R. Carina FM	ARUBA	
103.9	35000		R. One	JAMAICA	24
104.1		5	Yess Ten Four	BARBADOS	24
104.5	600		Supreme Sound	JAMAICA	24
104.5	13000		Supreme Sound	JAMAICA	24
104.7			R. Caraibes Int	St. Martin, GUADELOUPE	24
105.1	5000		R. Hoyer 2	NETHERLANDS ANTILLES	0930-0430 (1230-0330Su)
105.1	2500	\$	R. Trinidad	TRINIDAD & TOBAGO	24
105.3	5000		R. Cayman	CAYMAN ISLANDS	1100-0400
105.7	250	. \$	R. Two	JAMAICA	24
106	250		R. Voix Chret.	St. Martin, GUADELOUPE	
106.1			R. Caraibes	MARTINIQUE	24
106.7	1000		R. Kelkboom	ARUBA	1100(1400Su)-0200
107.1			ZNS-1	BAHAMAS	24
107.3			SLBS	ST. LUCIA	0925-0300
107.9			ZNS-2	BAHAMAS	24

* = According to Arnie Coro, RHC these are from 500 - 7500 watts ERP

Comments: Some stations have low-power relays that are not listed in the WRTH. Stations without a decimal frequency may be approximations. Curiously, the WRTH shows FM in Belize, but not other Central American countries. In the same manner, the FM operations of Spanish-speaking Caribbean islands are not shown in the WRTH. Stations from Mexico, Puerto Rico and the US Virgin Islands are not listed here because they are found in the FM Atlas. The absence of the stereo symbol (\$) only means that they are not listed as such in the WRTH,

I hope this list is helpful.

Jim Renfrew 61 Wilcox Street Rochester, NY 14607

GREG CONIGLIO 5100 GLENWOOD DRIVE WILLIAMSVILLE, NY 14221

For D Xers in: MA.NH.VT.CT.MA.RI.NY.PA.NJ.OH.MI.IN.IL.WI.MN.IA.NE.SD.ND.MT.WY.ID.WA.OR.AK.Canac

AUGUST 1991 DEADLINE: The 5th Deadline: The 5th Deadline: Deadline perhaps due to the increased auroral activity, or stable weather patterns over the Midwest. There was good tropo in mid-May, and the period June 26-July 2 seemed to bring an increase in both Tr and Es, with 600+ mile Tr heard and several good Es openings. But before and after that period activity has been sparse. I hope there is some of that famous "Dunkirk Tropo" August 9-11!!...

·PETER GEORGE (N1 GGP) - 25 COLUMBIA ST 3RD FLOOR - BROCKTON, MASS, 02401 (508) 584-0374, no collect calls please, Receiver: Sony STR/VX750, with 150 khz filters, Antenna: Stacked Radio Shack Yagis (2) into RG8U coax into CM FM/TV amplifier

2336 WPKN 89.5 CT Bridgeport, S. talk show 2339 WNEW 102.7 NY New York, Where Rock Lives! 2340 WFME 94.7 NJ Newark, Preaching in Stereo 2341 WOHT 97.1 NY New York, Hot 97, CHR \$ 2343 WKCR 89.9 NY New York, Jazz \$ 2345 WNYC 93.9 NY New York, Jazz, begging \$\$ 2347 WUSL 98.9 PA Philadelphia, Power 99 Jazz and R & B. \$

2358 WRKS 98.7 NY New York, 98.7 Kiss FM, UC, \$ MAY 1991 DX

Tropo 0003 WCBS 101.1 NY New York \$ News, Editoral, o 0005 WFUV 90.7 NY New York, \$ Salsa, EE jocks 0012 WQGN 105.5 CT Groton, \$Q-105, CHR 0015 WVVE 102.3 CT Stonington, \$, 102.3 The Wave 1920 WSIE 88.7 IL Edwardsville, \$ Fresh Air, NPR 0017 WYNY 103.5 NY Lake Success \$, Country 1035 2000 WPCs 89.5 FL Pensacola, \$ religious, legal 0022 WLNG 92.1 NY Sag Harbor, Oldies 92, L-O-U-D!!, mono

0025 WPAT 93.1 NJ Paterson, \$, very old type beautiful music, nice!

3033 WALK 97.5 NY Patchogue, \$, AC/oldies 0037 WQQQ 96.7 CT Stamford \$ Q-96.7, oldies 0040 WQXR 96.3 NY New York, \$ classical as usual 0006 WTCC 90.7 MA Springfield, \$, black 0050 WEFX 95.9 CT Norwalk, \$ 95.9 The Fox, AOR

23 Tr 2240 CBD 91.3 NB St. John, MONO CBC English 2303 WMNB 100.1 MA North Adams, EZL, \$ 2305 WMAS 94.7 MA Springfield, \$, AC, FM 95 2317 WZMX 93.7 CT Hartford, The New Mix 93.7

same AC mx, \$ 2330 ClOK 100.5 NB St. John, \$, K100, pub affairs 2331 WWYZ 92.5 CT Hartford, \$, Country 92.5 2333 WRCN 103.9 NY Riverhead, \$, AOR, cls rock 2335 WHYN 93.1 MA Springfield, \$, calls, gold-AC 2340 WQHT 97.1 NY NewYork, Top 40/RAP

2357 WNTX 96.3 MA Nantucket-Hyannis, signoff cleared the way for...

2359 WQXR 96.3 NY New York more classical 1800 WABK 104.3 ME Gardiner, \$, New Fresh ABK

1801 WNCN 104.3 NY New York \$ very soft c 1806 WFXR 93.5 MA Harwichport, \$ 93.5 Fox, AC 1810 WXGL 93.9 ME Lewiston, \$ Eagle 94, oldies 1814 WCDQ 92.1 ME Sanford, \$ 92CDQ, album r 1817 WCQL 95.3 ME York Center \$ Cool 95.3. o

1820 WKRH 105.9 ME Bath, \$ 105.9 KRH, album r 1825 WPOR 101.9 ME Portland, \$ country

1829 WMGX 93.1 ME Portland, \$ AOR 1833 WBLM 102.9 ME Portland, \$ loud and clear 102.9

MAY 26 Tr continued 1836 WSTG 94.3 ME Biddeford, \$ Star 94.3, AC

(ex WYJY) 1840 WUNH 91.3 NH Durham, \$, AOR/Prog 1845 CBD 91.3 NB St. John, CBC EE net MONO 1840 WOKQ 97.5 NH Dover \$ Country

1851 WYNZ 100.9 ME \$ Westbrook, oldies //AM 1855 WTHT 107.5 ME Portland \$Thunder 107 and CHR

1903 WQCB 106.5 ME \$ Brewer, Q-106.5, cntry 1906 WPKM 106.3 ME \$ Scarborough, \$, c 1908 WZPK 103.7 NH Berlin \$, Top 40 "Peak" 1910 WKCG 101.3 ME \$ Augusta, country mx 1913 WWGT 97.9 ME & Portland, rock40-loud

18/19 Tr

2222 WPYX 106.5 NY Albany, \$ Pix 106, AOR 2228 WGY 99.5 NY Schenectady \$, Oldies

99.5, very tough to get! 2240 WGNA 107.7 NY Albany \$, country 107.7 0004 WRPI 91.5 NY Troy,\$ progessive metal 0009 WBEC 105.5 MA Pittsfield, Live 105, AOR 0014 WVKZ 96.7 NY Clifton Park, KZ-96.7 CHR and AOR

0018 WVCR 88.3 NY Loudonville, very progressive, laid back jock 0023 WKL 100.9 NY Albany, Lite 100.9, "lame"

0051 WSHQ 103.5 NY Cobleskill, Sho-FM, oldies, 103.5 // 98.3 JUNE 1991 DX

1253 WUWF 88.1 FL Pensacola, \$, legal ID 1258 WZEW 92.1 AL Farihope, 92 Zoo, Aors 1300 WKGC 90.7 FL Panama City, legal ID, \$ 1300 WPCS 89.5 FL Pensacola, Programming

With a Purpose, ID, religion 1308 WGCM 102.3 MS Gulfport, Coast 102, o\$ 1313 WXFX 95.1 AL Prattville, 95.1 The Fox, AOR, Gold, \$

1318 WHIL 91.3 AL Mobile, Business Report, \$ 1320 WRNO 99.5 LA New Orleans, Z-Rock

1330 WBSN 89.1 LA New Orleans, religious, Igl 1331 WLBF 89.1 AL Montgomery, wx. christian Radio 24 hrs a day, \$

PETER'S COMMENTS APPEAR ON THE NEXT PAGE.

NORTHERN FM OK

AUGUST 1991

PETER GEORGE'S COMMENTS. Well....it has been a long time since the last time I have reported. As you may know, I have been recouperating since I have had a stroke and an operation to repair an aneurysm. Things are getting back to normal, slowly. As they say..."you can't keep a good man down". It is good to be back to DXing. I have now a pair of stacked yagi's at 5' from each other, 40' AGL. The results have been fantastic!!! The E-skip has finally arrived (6/20/91) and I have not been disappointed. It was really lucky for me to get WRNO 99.5 LA, considering WSSH in my backyard on 99.5 (WGY-RM was a nice catch too!-gc). But with the stacked yagis, the nulls are very deep now. I was hoping to get to the convention in August, but unfortunately I am still on the mend since the stroke. But you can bet that I will be ready for Convention 92 (wherever it may be). In the meantime, I would like anybody to give me a "buzz" anytime when DX comes alive!! And if anyone would like to trade some DX tapes (dubs of course) with me, please get in touch with me at ant time by phone or mail. Until next time, 73's!!! Pete (Pete, we all wish you a speedy recovery, and look forward to seeing you in 92!-ac)

ED HANLON - 140 CEDAR RD - CHARLESTOWN, RHODE ISLAND

Equipment, MacIntosh MR78 (mod), FM13 at 25' AGL, RG6 coax Have FM13 will travel! Decided to set up a DX station at my summer cottage, with no regrets. This place is DX heaven! Virtually no locals to contend with, and an ocean shot to points south. Most stations listed were relatively easy to pick up I can only wonder what might have been received if an opening had appeared However, the WAF (wife acceptance factor) was reaching new (DXing) lows, so I was forced to shut down half way through the week. I wonder how she'll feel about adding a Channel Master 1100 and P-7 to our small roof. As Doug Allen mentioned last month, I am still trying to design an antenna with the FMI3s F to B ratio, but with increased gain. I purchased an IBM compatible program to do just that-now I need a computer, Any suggestions from fellow members would be greatly appreciated. Got to run-UPS is here with a pair of ch2 yagis. Thanks Doug! 73s Ed.

JUNE 1991 DX

17 Tr/TrS 1725 WXKS 107 9 MA Medford Kiss 108 1727 WEBE 107.9 CT Bridgeport, WeBe 1732 WGNA 107 7 NY Albany, Country 1735 WSNJ 107 7 NJ Bridgeton

1740 WTHT 107 5 ME Portland, Thunder 2149 WPXC 102.9 MA Hyannis 1744WERZ 1071 NH Exeter

1753 WCCC 106.9 CT Hartford 1814 WKDN 106 9 NJ Camden 1831 WQCB 106.5 ME Brewer,Q106.5

1835 WPYX 106.5 NY Albany, Pix 106 1839 WHLM 106.5 PA Bloomsburg, Mix 106

2001 WCOD 106.1 MA Hyannis 2004 WBLI 106 I NY Patchogur 2005 WHCN 105 9 CT Hartford 2014 WDAS 105 3 PA Philadelphia 2017 WLKZ 104 9 NH Lakesboro 2018 WYRY 104 9 NH Hinsdale 2020 WIHS 104 9 CT Middletown 2023 WRDR 104 9 NJ Egg Harbor 2030 WSPK 104 7 NY Poughkeepsie 2032 WXLO 104.5 MA Fitchburg

2032 WYXR 104 5 PA Philadelphia Star 104 5 Jack Daniels ad, \$

2052 WRCN 103 9 NY Riverhead 2053 WIOF 104.1 CT Waterbury,Magic 2055 WNCN 104 3 NY New York 2100 WABK 104 5 ME Gardiner

2102 WBCN 104.1 MA Boston 2105 WYNY 103 5 NY New York

2107 WSHQ 103.5 NY Cobleskill

JUNE 17th cont. 2138 WHRL 103.1 NY Albany

₹2141 WGNY 103.1 NY Newburgh Energy 103

2146 WDRC 102.9 CT Hartford 2147 WBLM 102.9 ME Portland

Pixy 103 2151 WCRB 102.5 MA Waltham

200 WAQY 1021 MA Springfield 102.1 PA Philadelphia, 2207 WIQQ Q102

2220 WCIB 101.9 MA Falmouth 2222 WPOR 101 9 ME Portland 2223 WBAZ 101.7 NY Southold 2232 WFNX 101.7 MA Lynn

2240 WKCI 101.3 CT Hamden 101 I MA Falmouth 101.1 NH Manchester, 2240 WFAL

2240 WGIR Rock 101

2241 WEAZ 101.1 PA Philadelphia 2243 WCBS 101.1 NY New York 2305 WZLX 100.7 MA Boston 2307 WZXL 100.7 NJ Wildwood 2315 WHUD 100.7 NY Peekskill

2317 WRCH 100 5 CT Farmington 2324 WHEB 100 3 NH Portsmouth

strong co-channel WOTB Newport,RI 2330 WJRZ 100 1 NJ Manahawkin 2330 WDST 100 1 NY Woodstock

339 WQRC 99.9 MA Barnstable 2345 WPLM 99.1 MA Plymouth

347 WKZS 99 9 ME Auburn, Kiss 100 353 WGY 99.5 NY Schenectady, o

ED HAMION'S DEDODE COMPRIME

ED HANLON'S RE	PORT CONTINUED-
JUNE 17th cont 2355 WPLR 99.1 CT New Haven 2355 WUSL 98.9 PA Philadelphia Power 99	2308 WZID 95.7 NH Manchester 2315 WHFM 95.3 NY Southampton Live 95 2323 WHRB 95.3 MA Cambridge
18 Tr/TrS 0002 WQVR 100.1 MA Southbridge 0012 WLQE 98 7 NJ Vilas, Country Lucky 99	2324 WCQL 95.3 ME York Center Cool 95.3 2355 WRSI 95.3 MA Greenfield
0018 WPXK 97 9 CT Enfield 0020 WWGT 97 9 ME Portland, G98 0021 WJBR 99.5 DE Wilmington, Bright 99 5 0023 WALK 97 5 NY Patchogue	2342 WRKI 95.1 CT Brookfield 19 Tr/Trs 0815 WAYV 95.1 NJ Atlantic City 0825 WHOM 94.9 NH Mt Washingter. 0830 W0CB 94.9 MA West Yarm outh 0917 WMAS94.7 MA Springfield
0024 WOKQ 97.5 NH Dover 0027 CIRO 99.7 PQ Ste-Georges de Beauce 0930 WVPS107 9 VT Burlington 0935 WZRT 97.1 VT Rutland, Z97	0920 WDSD 94.7 DE Dover 0924 WFME 94.7 NJ Newark 0930 WSTG 94.3 ME Biddeford, Star 94.3
0942 WEZN 99.9 CT Bridgeport 0944 WCLZ 98.9 ME Brunswick 0946 W0KO 98.9 VT Burlington	0942 WCTO 94.3 NY Smithtown
0950 WRKS 98.7 NY New York, 0952 WLZW 98.7 NY Utica, Lite 98.7 1010 WTVL 98.5 ME Waterville	0947 WYBC 94.3 CT New Haven,Jazz 0947 WNYC 93.9 NY New York 0952 WXGL 93.9 ME Lewiston Eagle 94
strong co-channel out of Boston 2154 WKJY 98.3 NY Hempstead 2156 WILI 98.3 CT Willimantic 2158 WSKQ 97.9 NY New York	1000 WKXZ 93 9 NY Norwich 1014 WCGY 93.7 MA Lawrence 1015 WZMX 93.7 CT Hartford, Mix 1020 WSTW 93.7 DE Wilmington
2159 WCAV 97.7 MA Brockton 2200 WCTY 97.7 CT Norwich 2210 WINQ 97.7 MA Winchendon Oldies 97	1038 WFXR 93.5 DE Wilmington 1305 WRTN 93.5 NY New Rochelle 1315 WZBH 93.5 DE Georgetown, The Beach
2214 WYOU 97.1 ME Bangor 2215 WQHT 97.1 NY New York 2221 WOUR 96.9 NY Utica, strong co-channel from Boston	1315 WHYN 93.1 MA Springfield 1352 WMGX 93.1 ME Portland 1355 WPAT 93.1 NJ Paterson
2230 WEXT 96 9 NY Arlington- Poughkeepsie	1355 WKOJ 92.7 NY Middletown 1406 WOBM 92.7 NJ Toms River strong co-channel from WMVY
2236 WQQQ 96.7 CT Stamford 2243 WWEM96 7 NH Rochester Easy Mix 96.7	1409 WWYZ 92.5 CT Waterbury 1415 WLYT 92.5 MA Haverhili 1420 WLNG 92.1 NY Sag Harbor
2250 WTŚA 96.7 VT Brattleboro 2255 WCME 96.7 ME Boothbay Harbor 2256 WTIC 96.5 CT Hartford 2258 WNTX 96.3 MA Nantucket Oldies 96	1425 WOMR 91.9 MA Provincetown 1430 WUMB 91.9 MA Boston 1430 WNTI 91.9 NJ Hackettstown "Desperado", "Give Me What YOu Need" INXS
2259 WSRS 96.1 MA Worcester 2300 WATD 95.9 MA Marshfield 2300 WEFX 95.9 CT Norwalk, The Fox 2301 WKSS 95.7 CT Hartford, Kiss95.7 2303 WWMJ95.7 ME Ellsworth	1442 WSHR 919 NY Lake Ronkokoma Oral Testing of Students 1448 WHUS 917 CT Stors 1500 WNYE 915 NY New York
STATION NEWS, WIND AND A COLUMN	20 Tr WKCG 101.3 ME Augusta

STATION NEWS: WNJA 89.7 Jamestown, New York is on the air testing: apparently it will be a relay for WNED 94.5 in Buffalo (classical music). WEEJ 100.1 Port Charlotte, FL is now ac and "Coast 100". KLLZ 99.1 in Walker,MN is on as a simulcast of KLIZ 107.5 Brainerd,MN, top 40: "KLZ Minnesota's Power Loon". Info from John Ebeling's report and me hearing them on skip. 93.7 in Elizabeth City,NC has dropped urban for the fast growing "Rock/AC" format and a "Coast" slogan (how original, hi), calls not known. Reportedly the WMYK format has moved up the coast to 96.1 Cape Charles. WTFX 94.1 in the Madison area is also now "Rock/AC" (adult contemporary with large music library and album rock like presentation) as WJJO. In the Albany area WVKZ 96.7 Clifton Park moves to mainstream top 40. In Salt Lake City, 99.5 is top 40 "Q 99.5" KUTQ.

JOSEPH FELA - 150 ROBERT PLACE - SO. PLAINFIELD, N.J. - 07080 Equipment -Two McIntosh MR-78 tuners feeding separate amps/tape decks, a pair of CM Stereo Probe 9s, stacked, with rotor at 40 ft.

	Time	: ELT	
MAY 1991	1 11110	JUNE 1991	
29 Es (continued from last month)		29 Es	
1750 KIOX 96.9 TX El Campo, "X-97"		1409 KMDL 97.3 LA Kaplan, call, k	1244
ads, news brief, k	1481	1414 KKAY 104.9 LA Donaldsonville.	1244
1916 KEOK 101.7 OK Tahleguah.		PSA with call	1181
KTLO/KEOK ID	1160	1416 WTYL 97.7 MS Tylertown, call, wx	1096
1925 KYXS 95.9 TX Mineral Wells, k, call		1426 WTID 101.7 AL Reform, "101.7 The Tid	
1936 KFDI 101.3 KS Wichita, call, k	1244	Classic rock, Tuscaloosa ad	899
1949 KCBW 92.1 MO Sedalia, call, ad	1009	1428 WQEZ? 99.3 FL Ft. Myers Beach, now	
1954 KCUR 89.3 MO Kansas City, ID	1074	Classic rock (Classic Rock 99 non-ID	1)
2003 KNIN 92.9 TX Wichita Falls, ID, r	1402	New call to go with new format?	100
JUNE 1991			1252
7 GW		1431 (WCTO)92.1 FL Venice, k,	
1253 WLQE 98.7 NJ Villas, "Lucky 99",		"92 WCTO" ex: WAMR	1038
k, ads	111	1432 KNES 92.1 TX Fairfield, PSA about	
(Most N.Y.C. stations on Empire State Blo	ig.	3 escaped convicts, call	1358
off at this time. Caught when I came ho		1458 WPRL 91.7 MS Lorman, PSA, call	1109
for lunch - but I had to go back to work	(.)	1500 [KRVV]100.1 LA Bastrop, "River",	
8 Es		legal ID, r, ex: KMYO	1109
1910 KV00 98.5 OK Tulsa, ID, k	1205	1503 WKBB 100.9 MS West Point, WROB-WKBB	
1914 KFXI 92.1 OK Marlowe, "Foxy 92",		ID after Unistar nx	920
call, k	1352	1513 KUEZ 99.3 TX Lufkin, ads, call	1302
1921 [KRXO]107.7 OK Oklahoma City, ID,		1517 WBLE 100.5 MS Batesville, SID, k	957
ad, wx, ex: KIMY	1304	1518 WVIMt 95.3 MS Coldwater,	
20 Es (while home for lunch)		"Hot Country V-95", remote from	
1231 WEGS 91.7 FL Milton, ID, g	988	Olive Branch, MS	
1234 WPCF 100.1 FL Panama City Beach,		30 Es	
"FM-100", Panama City ad	962	1200 ZFB 94.9 BERMUDA, ID, into	
1241 WOOF 99.7 AL Dothan, Dothan wx	891	Bermuda news. Thanks to the telepho	one
1244 WEBZ 99.3 FL Mexico Beach, b,	VANCES	tip hotline for this one.	784
call + "Easy"	960		
1257 WBLX 92.9 AL Mobile, legal ID	1025	COMMENTS: Been a very slow year so far. S	Still
1300 WKKR 97.7 AL Auburn-Opelika, k	1200	don't have the FM-13 up - no time due to	
"The Kicker", legal ID	825		, Joe
CEOD CE C CREEKE 1522 C	TINICITY	THE TREAT OFFICE 44801	

GEORGE C. GREENE - 1527 SUNSET AVE. - AKRON, OHIO 44301

Equipment: McIntosh MR78 tuner, Stereo Probe 9 approx 35' above ground

MAY 1991 DX

20 Trop 2025 CHTZ 97.7 ON St. Catherines, album rock 2028 WBUF 92.9 NY Buffalo. "Mix" adcon

2030 WNED 94.5 NY Buffalo, classical thru WWSW 2031 unID 92.9 EZ/cl mixture, could this be Kingston's CBC? (It probably was CBBK-gc)

2039 CFGX 99.9 ON Sarnia, adcon "The Fox" 2045 CFCA 105.3 ON Kitchener, classical type mx 2051 WKJF 92.9 MI Cadillac, TENTATIVE

with Tigers baseball 2054 WMTR 96.1 OH Archbold, TENTATIVE with Toledo Mudhens baseball

1930 unID 107.9 "Kicks 108", T40 (George, Victoria TX is now Kicks 108, but they are country-gc) 1933 KMXR 93.9 TX Corpus Christi. "Mix"

spot for Hooters in Corpus Christi

29 Es cont 1941 KBYU 103.7 LA Lake Charles, classic rock "Bayou 104"

1942 KEYI 103.5 TX San Marcos, Tangerines spot adult contemporary music

1943 KQUE 102.9 TX Houston, traffic report, KDL ang 1946 KAJN 102.9 LA Crowley, "Lite Rock 102.9" "Cajun Talk", tentative

1959 WCVU 94.5 FL Naples, ez, "Sea View" slogan 2000 KMKS 102.5 TX Bay City, legal ID

\$ 1920 KPLV 93.3 TX Port Lavaca, spot mentioneing East Grand River Avenue

2018 WONZ 95.1 MS Natchez, promo, 95 Country 2032 KAJA 97.3 TX San Antonio, country music 2033 KXXY 96.1 OK Oklahoma City, OKC baseball 2110 KIKK 95.7 TX Houston, "Kick Nite Club", k

2125 WCOZ 96.9 KS Paris, ad for Lexington Sears wx, "Kiss FM", rock

A few days of trop noted in mid-June, but nothing new noted ... and no E-skip at all after this thru late June, at least as noted here in Akron. On June 8th in Dover, NJ, while at a radio GTG at Rich Shaftan's, some brief FM skip was in late that afternoon from the Wichita Falls, TX area Hopefully, the first week of July will have some of the great E-skip often heard at that time, 73.



DX'ers admiring "The Hill" at Dunkirk, New York WIFDA CONVENTION August 9-11, 1991

NORTHERN FM DX

Equipment:	Carver TX-11 filter modified, Real	istic S	SA-10 audio amp. Radio Shack 5 element FM	
MAY 1991	12 above ground, 2392 above sea	tevel,	el, RG-6 coax. All new to Rock City, NY log.	
	antton		JUNE 1991	
27 tropo&s 1523 WKVE	95.5 PA Johnstown, "95.5 KYE", r\$	122	8 tropo, scatter&E-skip continued	7.7
1527 WGPR	107.5 MI Detroit, call, s\$	240		77 189
1534 WXMH	99.7 PA Mt. Carmel, "WHOT", r\$			
1536 CJFT	101.1 ON Ft. Erie, "Rich-Blend-101",	n\$ 61	4 1753 WHTX 96.1 PA Pittsburgh, "Gold-96-FM", 0\$ 1 1754 WJYE 96.1 NY Buffalo, call, mr\$	61
	102.9 PA Curwensville, call, r\$,	70		50
1547 WLEZ	92.7 NY Elmira, "EZ-92", rm\$	90		15
	104.9 PA Hollidaysburg.call. \$	110		
1553 WIDT	104.7 OH Toledo, call, rp\$	258		
1556 WFRA	99.3 PA Franklin, "Mix-99.3-FM", r\$	80		4
1559 WAAL	99.1 NY Binghamton, call, r\$	140	1700 0000 0017 111 001 001 001 001 001 111	230
1604 WNTI	91.9 NJ Hackettstown, call, r\$	207		32
JUNE 1991				136
1 tropo8s	catter	- 1		091
0801 WODJ	107.3 MI Greenville, call, o\$	357		
0850 WJZZ	105.9 MI Detroit, "Jazz-106", j\$	240	0 22 troposscatter	
0851 WMRV	105.7 NY Endicott, ID. r\$	131	1 1045 WBFO 88.7 NY Buffalo, call, j\$	67
0918 WKSE	98.5 NY Niagara Falis,"Kiss-98.5"rs	5 72		167
0923 WWSW	94.5 PA Pittsburgh, "3WS", o\$ 94.5 NY Syracuse, "Y-94", r\$	136		
0924 WYYY		134	1 10 210 1000 1 100	171
0928 CBCL	93.5 DN London, CBC Radio, t	156		171
0944 WHLM	106.5 PA Bloomsburg, call+Mix-106, r			128
	106.3 ON Peterborough, FF, m	160		136
	105.5 PA Lewistown, "CHX", o\$	114	TEUS WORLD TO THE WOODS WOLL WOLL TO	199
1230 WPHN	90.5 MI Gaylord, ID, 9\$	362	TOTAL BUTTON OF THE PARTY OF TH	108
1240 CKMR	93.9 DN Windsor, call, r\$	230		
1242 WQKX	94.1 PA Sunbury, call, r\$	118	1,100,01,1111,110,010,1,1,1,10	134
1250 WASH	97.1 DC Washington, "wash-FM", mr	\$ 227	TEEG WITCO TOEST THE CHOMENTS	-
1254 CHT2	97.7 DN St. Catharines,	ne		227
1256 WWSH	"Hits-FM", rp\$	85	1550 61 11 10111 614 151 011001 65111 174	126
1300 CBCB	97.9 PA Hazleton, call, mr\$	150	1341 March 10011 Cr Cichertaria, Comp. 1140	167
	98.7 DN Owen Sound, CBC, t	211	I thou on the both for the both to be	122
1352 WDON 1400 WHBC	104.9 DH Geneva, call, rm\$	126		96
1400 WHBC.	94.1 OH Canton, ID, mr\$ 106.7 PA Hershey, "Z-107", k\$	171	1490 WHO 10015 IN DEGLESSING COM I'V	248
1419 WJIV		150		
1422 WPIT	101.9 NY Cherry Valley, call, g\$ 101.5 PA Pittsburgh, call, g\$	187 136	1.00001 2212 1.4	122
1425 WAYZ	101.5 PA Waynesboro, call, k\$	158	11-16 00001 7213 11 001 0101 02111 30	46
1437 WWDL	104.9 PA Scranton, call+	130	THE SELE SOLVER SECTION OF THE SELECTION OF THE	240
1437 WWDL	"Lite-105", mr\$	146		211
1459 WUCX	90.1 MI Bay City, ID, c\$	290	1304 (012) 71.3 171 (100.000 91) 10, 30	136
1502 WITR	89.7 NY Henrietta, ID. p\$	89	1991 00210 10019 1111 100011 100 1011 10	146
1510 WACZ	93.9 NY Dansville, call, r\$	58	1000 Cinc 10112 Cit ittigatori, 10, 190	183
1513 WKBI	94.3 PA St. Marys, call, r\$ "Rocke		TOUR GIVET TOTAL DEGLOTS, TO, NO	240
1513 WFRM	96.7 PA Coudersport, call, r\$, "Radio	" 28	TOTE WIND 10015 IVI CICENT, CUIT, I'V	- /
1513 WQRM	106.3 PA Smethport, call, r\$, "Networ	k" 14	TOTAL MILETON TOTAL TRANSPORT	165
1521 WNGZ	104.9 NY Montour Falls,			
	"Wings-105", op\$	92	1632 CHFI 98.1 ON Toronto, call, mr\$ 1638 WBUF 92.9 NY Buffalo, "Mix-92.9" rm\$	126
1546 WAVA	105.1 VA Arlington, call, r\$	252	1030 0001 72.3 141 0011010, 1115 72.3 1110	94
1550 WKSU	89.7 OH Kent, call, c\$	167		240
1555 WINC	92.5 VA Winchester, "Wink-FM", r\$	203		81
1607 WDJQ	92.5 DH Alliance, call, r\$	156		93
1618 WVKS	92.5 OH Toledo, "Kiss-FM, r\$	258	Trze we ne total i strategicon, ka	87
JUNE 1991		6.50	Trea wer in tours in the destiner want to	
	catter& E-skip!		1733 CJRQ 92.7 ON Sudbury, "Q-92", rp\$ 26 Tropo, scatter & E-skip	333
	107.5 PA Boyertown, "Mix-107.5", r\$	179	9 0938 WFSE 88.9 PA Edinboro, cail, r\$	84
	104.5 ON Toronto, chum-FM, rp\$	126	arm and and the second of the second	148
	104.5 DH E. Liverpool, call, k\$	150	and writer aproved a posterior contract	146
1448 CHXL	103.7 ON Brockville, call, r\$	227	The second secon	223
1459 WRMM	101.3 NY Rochester, ID. rm\$	94	The state of the s	111
	101.3 DN Tillsonburg, ID, b\$	132		74
1504 WMMS	100.7 DH Cleveland, ID, rp\$	167	and work your let belong the last the	325
1520 CFMX1	%3 ON Mississauga, call, c\$	122		250
1700 WLIH	107.1 PA Whitneyville, ID, g\$	63	TOTAL MATTER POLICE STORY CONT. CO.	COL
	91.7 MI Ann Arbor, call, NPR \$	270		240
	A CONTRACTOR OF COME OF THE DESCRIPTION OF THE DESCRIPTION OF THE PROPERTY OF	£70.	Listi, III D	£4

DAVE NIEMAN'S ROCK	CITY REPORT CONTINUED
JUNE 26, 1991 tropo, scatter & E-skip	26 trapa & scatter continued
	136 1332 CIGL 97.1 ON Belleville, call, b\$ 1
1031 WMHI 94.7 NY Cape Vincent, "Mars Hill	1350 C??? 100.3 DN Ottawa, "Bronco
	181 Communications", \$ 2
	87 1352 CHEQ 101.1 DN Smith Fails, "Q-101", k\$ 2
1038 CBON1795.1 ON North Bay, FF, m 3	305 1408 WDKX 103.9 NY Rochester, call, s\$
	52 1411 WNBT 104.5 PA Wellsboro, "B-104", r\$
	51 1422 CIXX 106.9 DN London, "6-X-FM", r\$ 1
1101 KNTU 88.1 TX Denton, call, j\$ 118	
1104 KMSI 88.1 OK Moore, ID//KNYD. g\$ 11	
1134 KTXK 91.5 TX Texarkana, call, c\$ 10	
	183 1500 WLKA 102.3 NY Canandaigua, ID, jr\$
	37 1518 WYXL 97.3 NY Ithaca, "Lite-97", r\$ 1
	23 1524 WHKS 94.9 PA Port Allegany, "Kiss-94.9"
	122 r\$
	185 1536 WKSL 94.3 PA Greencastle, call, g\$ 1
	108 1546 WJFK 106.7 VA Manassas, call, r\$ 2
	1999 migrati tosti diri odilelli, tot no
	The state of the s
	The second secon
I should be running out of easy loggings some.	. Dave
DAVE NIEMAN-12284 NI	CE ROAD-AKRON NY 14001
Equipment; Same as last time. New are underli	ined.
MAY 1991	, 16 E-skip continued
28 tropo	1839 WCGQ 107.3 GA Columbus, call, r\$
0837 CJMM 99.1 PQ Rouyn-Noranda,	1849 WOAK 90.9 GA LaGrange, ID, g mono
	366 17 troposcatter
29 troposcatter	1409 93.3 ?? ?????, "The Rock-n-Roll
0152[WXRK] 92.3 NY New York, "92.3 K-Rock"	
JUNE 1991	0105 CBTL 90.1 NF Millertown, CBC Radio, c 11
9 E-skip	19 tropo
	337 0739 <u>WKGB</u> 92.5 PA Susquehanna, call+
	029 "KGB-FM", rp\$ 1
10 trapa	20 E-skip
1339 C 100.3 DN Ottawa, "Bronco	1248 WEAT 104.3 FL W. Palm Beach, call, b\$ 1
Communications", testing \$	219 1200 WWKA 92.3 FL Orlando,"K-92-FM", k\$ 10
16 E-skip	1300 WKZM 105.5 FL Sarasota, ID, g mono 11
1824 WKMX 106.7 AL Enterprise, "KMX", sr\$ 9	910 1325 WNFB 94.3 FL Lake City, "B-94", rm\$ 9
1827 WYZB 105.5 FL Mary Esther, "Kool-105",	27 tropo
	981 1000 W220AI 91.9 PA Meadville, "WCRF" ID, g\$ 1
김보선지는 아들이 가지 않는 물과가 하고 하고 뭐니 맛이지 그 요즘 맛있는 그리가 그 때문.	200
1030 <u>WZ12</u> 10111 AL EIDA, COII, KD	Not much skip again this month. Dave
FRNEST COOPER - 5 A NTHONY ST - PE	ROVINCETOWN, MASSACHUSETS 02657
ENVEST COOLER SHITTENESS OF THE	tunner O alamant notant horan monther antonna
Equipment: Realistic STA52 + McIntosh MR78 FM	tuner, 9-element rotary beam routop antenna
APRIL 30 GW	May 31 GW
1352 WTNT 107.5 ME Lewiston-Auburn-Portland	0253 WBLQ 99.3 RI Block Island, now running
"Thunder 107" and the best mix of music	all night, r
Local WFCC off all day-transmitter problem	JUNE 1991 DX
MAY 1991 DX	6 Tr
29 ES	0956 WSTG 94.3 ME Biddeford-Saco (ex-WYJY)
The state of the s	
1918 unID 103.1 TX someone rebroadcasting the	Star 94.3, r
soundtrack of Dallas TV8 news, faded before ID	10 Tr
1949 KCMA 92.1 OK Broken Arrow, short	0154 WRCI 107.7 NH Hillsboro, "Joy FM" I check
	105.5 for WJYY-NH and found them parallel so
classical pieces and mention of Tulsa	
2000 WBTR 92.1 GA Carrollton, broke thru with	WRCI is relaying WJYY during the early morning
legal and slogan "B92", may have been the one	0249 WDRE 92.7 NY Garden City, r, contests,
with "r" in and out.	and ad for the Gay Exchange
2035 KARQ 92.1 AR Ashdown, Country 92	0818 WMNR 88.1 CT Monroe, solid signal, c
	I DUZA WSNI 107 7 NJ Heidaaton call in show

Recent Veries: WXRK-92.3 NY, CBZ-FM-102.5 Frederickton, NB, WWGT-97.9 ME, WBTR-92.1 GA; KARQ-92.1 AR WBTR is my 6th GA verified on 92.1!! All were received with one mile away WOMR 91.9 on the air, and no slop! Nice to see the WOMR coverage map on the cover of the May VUD! But change the P.O. Box number to 975 (from 82), and the area code from 617 to 508.

0926 WSNJ 107.7 NJ Bridgeton, call in show 0931 WGNY 103.1 NY Newburgh, Energy 103, r Bill Nienajadly PO Box 2999 Clifton NJ 07015-2999

Equipment: TX-9800 Pioneer modified or GE Superadio mod to the max at work or Audiovox car car radio modified and AFC deleted.

0037 WJBR 99.5 DE Wilmington o/WBAI 12 mi 1cl 1234(WEAZ)101.1 PA Philadelphia o/WCBS FM!!!!! last heard in 1976! as WDVR 0300 WGTY 107.7 PA Gettysburg WSNJ off

5/26/91 Trs 1310 WUFM 100.1 PA Lebanon 1315 WMXH 99.7 PA Mt Carmel ID as 'WHOT'

1322 WMJQ 102.5 NY Buffalo ad 4 boat ride # 416-599-BOAT

1313 WEZF 92.9 VT Burlington 1315 WHOM 94.9 NH Mt Washington 5/29/91 E-Skip 1900 KNIU 88.1 TX Denton

1905 KESE 93.3 MO Seligman-Trox to Joe Fela who told me they just moved from 95.3.

1909 KZPS 92.5 TX Dallas 'Classic Rock 92.5' 1910 UNID 107.9 ?? 'Majic 107.9" KAND??? who?? 1913 KTMJ 104.1 TX Tyler

1921 KCTT 97.7 AR Yellville ES Pest 1923 KCWD 96.1 AR Harrison 1cl ments

1925 KNDL 97.3 LA Kaplan '97 country+lcl ments

1925 KVOO 98.5 OK Tulsa 1926 KTNT 97.7 OK Edmond '97.7 The Trend' + 1cl 1927 KRAV 96.5 OK Tulsa ES pest

1927 KXXY 96.1 OK OKCity 'KXY' K MX 1931 KMTB 95.3 AR Murfreesboro 'B-95' and address for Murfreesboro Chamber of Commerce PO 166 Murfreesboro

71958 Perfect non ID!!! 1949 KHCA 95.3 KS Wamego 'Angel 95' T-storm for Marshall, Riley, Chase, Geary &

Morris Counties. Rich & Greg Id 6/8/91 Trs and ES at Rich Shaftan's DX get together 0702 WWDL 104.9 PA Scranton 'Lite 105' + 1c1 ments finally! logged at home.

1926 KKNG 92.5 OK OKCity Muf 107 very short time 6/9/91 TRS

0935 WEMR 107.7 PA Tunkhannock 'Y107.7' + 1c1 ments 1005 WBEE 92.5 NY Rochester

1108 WYCL 107.5 PA Boyertown WBLS off!

1130+CBCK 107.5 ON Kingston, talk show about immigrants to Canada, other NJ DXers were // this with each other on

phone. Came in several times. 6/7/91 Sorry out of order, Trs stopped home briefly

1407 WFLY 92.3 NY Trov WXRK off! / Other 1416 WYST 92.3 MD Baltimore were off too

6/17/91 E-Skip 1800 WJNS 92.1 MS Yazoo City

1815 KMYQ 100.1 LA Bastrop 'The River' strict! 1cl

1817 WAGR 102.5 MS Lexington 1cl ments

1818 WWZQ 105.3 MS Aberdeen 'Cardinals BB net' by Rich Shaftan. 1819 UNID 104.9 ?? same BB game as above, KTOC?.

1820 KJLO 104.1 LA Monroe ""Jello 104. refrigerate us!" Hi, I just couldn't resist! it was 'K-104' & 1c1 ments,

1821 WFXO 104.9 MS luka "TRI STATES FOX" 1836 KXKZ 107.5 LA tent, ment LA OVER WBLS!!

1845 WBLE 100.5 MS Batesville

6/18/91 Trs 92.3,96.3,97.9,99.5,104.3,106.7 NYC Locals off the AIR!!!!!!!!

0035 WMJX 106.7 MA Boston weak 0045 WIZN 106.7 VT Vergennes esy catch! 0052 WRKZ 106.7 PA Hershey 'Z107' + 1cl

0058 WWSH 97.9 PA Hazelton, strong! 0120 WGFB 99.5 NY Schenectady "Oldies 99.5"

0129 WBSB 104.3 MD Baltimore 0135 WIYY 97.9 MD Baltimore '98 Rock' also relogs: WJBR 99.5, WYST & WFLY 92.3 No Rochester or Maine 97.9 #8@\$%!#\$%!!!

6/29/91 E-Skip 1438 WOLM 92.9 FL Punta Gorda Lite 93 and South West FL's lite mx

1442 WJMI 99.7 MS Jackson 1cl ments 1443 WNLT 95.7 FL Clearwater Mix 96 strict 1cl ments & Tampa ment

1445 KZMZ 96.9 LA Alexandria 1510 KDBH 97.7 LA Natchitoches Que Pasa?. 1515 UNID 92.1 Oldies 92.1 NOT WSEN

1522 KITT 93.7 LA Shreveport ES Pest 1530 WQEZ 99.3 FL Ft Myers Note: Many ments of Ft Meyers but called themselves Chassic Rock-99 new format, new calls?

1540 WCTQ 92.1 FL Venice. 6/30/91 E-Skip

1200+ ZFM 94.9 Bermuda Hamilton ID 1cl ment New Country!!! Thanks to call from Rich Shaftan!!!!!

7/1/91 E-Skip 700 KOKI 95.3 LA Bayou Vista 1702 WAMU 88.5 DC Washington, Very Strong

Trs OR Backscatter!?!?!?! 1710 KJEF 92.9 LA Jennings

1715 KYKZ 96.1 LA LakeCharles, ad for fire -works, 4 boxes of sparklers for \$1.00 at Angelos

1721 WJMG 92.1 MS Hattlesburg 1cl ments 1725 KRTS 92.1 TX Seabrook o/WJMG few sec 1735 KKBQ 92.9 TX Pasedena full ID rare 1745 WKJN 103.3 LA Hammond Ca jun 103

1800 WJNS 92.1 MS YooHoo City 1830 Had to Leave

1940 ES Back, driving in Wallington, Garfield Elmwood Park & Clifton & Passaic on the modified Audiovox car radio

1940 WYUU 92.5 FL Safety Harbor 1943 KITT 93.7 LA Shreveport strong 1945 WJDQ 101.3 MS Meridian

1955 WQUE 93.3 LA New Orleans 1956 WBLX 92.9 AL Mobile

2010 WOID 93.7 MS Biloxi 2018 WMJJ 96.5 AL Birmingham Majic 96-

2125 KKNG 92.5 OK OKCity NOW HOME DXING 2127 WADI 95.3 MS Corinth

2130 KDBH 97.7 LA Natchitoches 2140 KMYQ 100.1 LA Bastrop "The River"

7/2/91 E-Skip at work in Clifton All countable 1050 KQHT 96.1 MN Crookston

1104 KMFY 96.9 MN Grand Rapids 1220 KOWS 91.3 WI Superior

NORTHERN FM OK

JIM RENFREW - 61 WILCOX STREET - ROCHESTER, NEW YORK 14607

JUNE 1991 DX 7 GW 1538 W215?? 90.9 NY Lima, with programming // WMHN 89.3. Engineer says this one is new. Also said W200?? 88.1 Dansville is off the air.

1238 WSRD 104.9 NY Johnstown, with "good time Oldies' and mention of Mets broadcasts. In for a half hour, never noted before; channel usually washed out by WKFM 104.7

1155 CBF7 91.9 PQ Mont Laurier, in briefly with music program // 860 and 690 AM 1200 WPHB 105 9 PA Phillipsburg, local news prgrm

1205 WWKS 106.7 P.A. Beaver Falls, strong signal 1210 WRKT 100.9 PA North East, intermittient thru CHIN 100.7

1525 WAMU 88.5 DC Washington, o/WCII with bluegrass, WRUR off the air.

0850 CBOO 103.3 ON Ottawa, in well for a few short bursts with classical music and talk about Ontario over WUFX 103.3 and CFMX 103.1, during local hail storm (HS = Hail Scatter?) (Or maybe lightning scatter?-gc)

1420 WHLM 106.5 PA Bloomsburg, "Mix 106", ads

1240 CHTZ 97.7 ON St. Catherines, "Hits" o/WPXY



20 Es (everything new: only had 2 Es in log until now!)
1230 WMNF 88.5 FL Tampa, jazz, lcl mx calendar 1300 WLPT 88.3 GA Jesup, multi-site ID 1300 WYFO 91.9 FL Lakeland, Bible Bdcng Net. 1300 WFCE 88.9 FL Tarpon Springs // 91.9 1303 WNFB 94.3 SC Lake City, local ads and B94 IDs but satellite music // local WACZ 93.9 1310 WHCJ 88.5 GA Savannah, local PSA, ID 1317 WGSG 89.5 FL Mayo, "Good News", legal ID heard over CIUT Toronto 1319 WYNF 94.9 FL Tampa, with mention of Clearwater, then 95YNF ID, brief 1320 <u>WDDQ</u> 92.1 GA Adel, I-75 exit 10 travel info 1321 <u>WAYJ</u> 88.7 FL Ft. Myers, SW Fla wx, Way FM 1325 unID 88.5 Spanish music....Cuba? 1330 unID 88.3 Millrith/Meyer Clinic Program 1335 WJXR 92.1 FL Maccleny, localities mentioned 1350 MUF below 88.1 for good, was as high as 100.1 possibly as high as 105.9 2200 WDWN 88.9 NY Auburn, w/"Truckin" and local

ID (my closest unheard) after months of looking! 1333 WREO 97.1 OH Ashtabula, ID, Newsatch 35 weather. (#200 logged)

1339 WSRD 104.9 NY Johnstown, "We've doubled our power'

1351 WEOZ 94.3 PA Saegertown, local ads and ID 1428 WBRR 100.1 PA Bradford, "WBRR Cool FM" 1552 WNGZ 104.9 NY Montour Falls, "Wings 105"

and local ads (another closest unheard caught!) 1556 unID 93.3 rock u/WWSE, possibly WBBG (Or maybe the new WPHD Tioga, PA-gc)

Though I only DX with a JVC car radio (because home is impossible in the shadow of the TV/FM antenna farm) I'm starting to get some tropo receptions during my 2 or 3 weekly trips to Bergen, even some relatively low power ones. Very frustrating to have local WRUR 88.5 off during the break between semesters so many mornings and afternoons with no sign of E skip!! Jim

WILLIAM R. HEPBURN - 1211-1547 MISSISSAUGA ULY BLU - MISSISSAUGA ON L5A 3XB

Equipment: modified JVC R-X330V w/12th floor balcony dipoles

MARCH 1991 13 Tr 0137 CKWR 98.7 ON Kitchener 41 **APRIL 1991** 53 GM --- CJFI 101.1 ON Fort Erie (15 db) 58 (testing) 13 Tr (lcls off) 0158 WOWQ 102.1 PA Du Bois 170 0203 WLKC 100.7 NY Henderson 0258 WEZX 107.1 PA Scranton-WiksBar 260 0233 WXTA 97.9 PA Edinboro-Erie 131 JUNE 1991 5 Ir 0258 WYIN 91.7 DH Youngstown 165

2057 CBOF 90.7 ON Ottawa (FF.mono) 225 (ex-1250 AM) 20 Tr 0259 WMHI 94.7 NY Cape Vincent 160 (// WMHN 89.3)

--- COFM? 99.1 ON Toronto (pirate?) 14 (FF, stereo)

20 ES 1232 WDNA 88.9 FL Miami (c.mono) 1237 WZZR 92.7 FL Stuart 1135 1257 WRMB 89.3 FL Boynton Beach 1175 1301 WSFP 90.1 FL Fort Myers 1180 (// WUSF 89.7)

1306 MUF 99.1

HARRY HAYES-9 HENRY STREET - WILKESBARRE PENNSYLVANIA 18702 Equipment. GE Superradio on Jerrold 9 element antenna in attic

IUNE 8, 1991 Es 1921 KEBC 94.7 OK Oklahmoa City, c/w music

1835 WIMI 99.7 MS Jackson, soul thru Mt. Carmel 8 1841 WTYX 94.7 MS lackson, oldies "Oldies 94"

I am having a horrible season so far. I've observed E-skip on the FM band for a comined time period of 45 minutes or so. No E-skip has been observed on FM or TV north of Kansas so far, highly unusual. I have not had one FM opening that was in long enough to really DX off of, duration of 10 minutes at a time

NORTHERN FM DX

RALPH STROBEL - 106 E. DAVIDSON	
New Equipment: Two Channel Master \$tereo	
36 feet above ground with phase shifter b	oox built by Andy Bolin of Charleston,
IL. All loggings after April 27th indicat	
with use of the phase box. Read comments	
April 1991	May 1991 (cont'd)
4 MS (EST)	27 tr
???? KKCK 101.1 UT Kanab, 1482	0102 KSTZ 105.7 MO Ste. Genevieve, 290
(farthest MS/Es) Previous Es	(o/WTLC 105.7 IN Indy) r\$ 50
6 tr	29 Es
0220 WXUT 88.3 OH Toledo, r\$, 100w 139	9 1931 WRBH 88.3 LA New Orleans, t\$ 754
13 MS (CDT)	June 1991
1550 KOSI 101.1 CO Denver 1040	3 tr
13 tr	0000 WAWC 103.5 IN Syracuse, o\$, 85
1643 WUBU 96.5 MI Portage, r\$ 140	s/off
16 tr	3 Es
10 tr	7 E2 UTT 00 1 TT T 1 1 1 2 200
2344 WQTY 93.3 IN Linton, m\$, ex- 120	1452 WJIS 88.1 FL Bradenton, g\$ 892
(o/WBTU 93.3 IN Kendallville) 93.5 72	
22 MS	1535 WSEB 91.3 FL Englewood, g\$ 930
7777 WCIE 91.1 FL Lakeland 861	1 1555 WUSA 100.7 FL Tampa, r\$ 861
77?? KTSDt 91.1 SD Reliance 780	1600 C 100.7 CU Havana, SS, 1191
27 tr (w/phase shifter box)	ID: "Radio Cadena Havana"
	12. Radio Vadena navana
	1 1608 WCIE 91.1 FL Lakeland, g\$ 861
(o/WTPI 107.9 IN Indy) 50	0 1614 WOZN 98.7 FL Key West, op\$ 1100
28 tr	(o/WQME 98.7 IN Anderson) 20
0200 WBGW 101.5 IN Fort Branch, g\$ 180	0 6 MS
(o/WKKG 101.5 IN Columbus) 73	3 ???? KLOL 101.1 TX Houston 915
May 1991	7 MS
2 tr	
	???? WNOE 101.1 LA New Orleans 754
Ol56 WCVZ 92.7 OH Zanesville, g\$ 17	
(o/WZWZ 92.7 IN Kokomo) 44	+ 1847 KWKH 94.5 LA Shreveport, k\$ 706
0400 WSEO 107.7 OH Nelsonville, r\$ 170	0 9 Es
(o/WWSN 107.7 OH Dayton) 67	7 1933 KYCS 95.1 WY Rock Springs, \$1255
4 tr	10 MS
	3 ???? WNOE 101.1 LA New Orleans 754
6 tr	JOSEPH MINOR TOTAL DA NEW OFTERINS /JA
	???? KLOL 101.1 TX Houston 915
	9 10 tr
ex-98.3 Oxford, r\$	2332 WLNB 102.7 IN Ligonier, o\$ 86
7 MS	(first day on air - 0500-0000)
0349 WJIS 88.1 FL Bradenton 892	2 13 Es
12 tr	1432 KGNZ 88.1 TX Abilene, g\$ 961
	19 trs
	2335 KJTY 88.1 KS Topeka, g, 553
(o/WWSN 107.7 OH Dayton) 67	
<u>13 tr</u>	(o/WVPE 88.1 IN Elkhart) 108
0003 WHUB 98.5 TN Cookeville, s/off 280	0 24 tr
	7 0123 WUZR 105.7 IN Bicknell- 145
0200 WGMZ 101.7 MI Tuscola, b\$ 22	
(o/WJLT 101.7 IN Fort Wayne) 6	HE - AUT : -
0330 WKQZ 93.3 MI Midland, rs, ex- 24	4 28 MS
(o/WBTU 93.3 IN Kendallville) 93.5 7	2 ???? WJIS 88.1 FL Bradenton 892
0500 WKDO 98.7 KY Liberty, s/on, k\$ 200	0 29 Es
0500 WKDO 98.7 KY Liberty, s/on, k\$ 200 0515 WKDP 99.5 KY Corbin, k\$ 250	0 1600 KNTU 88.1 TX Denton, p\$ 809
(o/WZPL 99.5 IN Greenfield-Indy) 50	0 1600 KGNZ 88.1 TX Abilene, g\$ 961
15 tr	29 tr
	12258 WOULD OF E MT P-11111 -4
0059 WMWK 88.1 WI Milwaukee, g\$ 230	6 2258 WOHH 96.5 MI DeWitt, 8\$ 185

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

July 1991 8 MS	(cont'd) July 1991 (cont'd)	
77?? WUWF 8 Es	F 88.1 FL Pensacola 682 1241 KMAD 102.3 OK Madill, k\$	760
1148 KNFM		768
1151 KMGZ		814
1201 KCCU	89.3 OK Lawton, b\$ 812 1302 KYXS 95.9 TX Mineral Wells	
1207 KGKL	97.5 TX San Angelo, k\$ 1025 1313 KKHR 98.1 TX Anson, o\$	961
1210 KKIK		
1211 KQLI	94.3 OK Lawton, r\$, "Q-94" 812 "K-Best 95"	
1220 KLLL	96.3 TX Lubbock, k\$ 1017 1335 KMOC 89.5 TX Wichita Falls	e\$843
1224 KKCL	98.1 TX Lorenzo, r\$ 1002 1344 KVRP 95.5 TX Haskell, k\$	
1230 KENT		50
1232 KFMX	94.5 TX Lubbock, r\$ 1017 1427 KTXT 88.1 TX Lubbock, p\$	
1234 KTLC	99.7 TX Tye-Abilene, r\$ 964 1500 KTLF 90.5 CO CO Springs, g	
(o/WSHW	99.7 IN Frankfort) 57 ex-89.7	

Meteor Scatter Results:

4/ 4 KKCK "... The 101 satellite forecast | 6/ 7 WNOE "... Joe Giffy on for Kanab, partly sunny skies today with high temperatures in the lower 70's, and then later on tonight ... " 4/13 KOSI "...museum at KOSI..." 4/22 WCIE "... The Central FL weather forecast calling for mostly sunny skies today with a high of 80 ... " KTSD "... This is Sioux Falls.

South Dakota public broadcast ... " 5/ 7 WJIS "...WJIS..." 6/ 6 KLOL "...It's 78 degrees in downtown Houston right now ... " (Very little meteor activity this time)

Country-101 WNOE ... " 6/10 WNOE "...showers continuing over Southeast Louisiana ... " KLOL "...and the same thing goes for here in the Montrose, it's 72. Enuff Z'Nuff, this is their latest from brand new Strength CD - Mother's Eyes on 101-KLOL Houston's only choice for the best new rock ... " 6/28 WJIS "...553-WJIS..." 7/8 WUWF "...to the world's finest meaches and WRSE-TV, your public

television station ... When I had problems finding certain stations, Andy Bolin kept telling me, "You need a phase box!" I told him I would buy one if he was interested. Andy and his friend, Dennis Jacob, were planning to attend the Dayton, OH Ham Fest on the last weekend of April and made a detour to Muncie on their trip, arriving here on the morning of April 25. We spent many hours buying supplies for mounting a second Stereo Probe 9 on my house. The new antenna is mounted on a five foot tripod. It is 23 feet from my old Probe 9 which is on a tower. Andy had the box built and ready to install. It is a small box three inches high and six inches long which has two knobs on the front of it. The knobs on the box and an attenuator are used together to null out semi-local signals. The best results is to aim both antennas at the desired station. Then you adjust the knobs on the box with the attenuator to find the null you want, hoping to "kill" the strong signal and pull in the desired station behind it. Conditions were dead while Andy was here, but before he returned to Charleston, we were able to find Class A's in Fort Branch and Washington, IN over semi-locals, aimed right at them! When I have a tr or Es opening, I search for stations that were before impossible to hear. Conditions have been quite dead this spring, but the box certainly has helped in finding a few new stations. The phase box has other features: It searches for nulls in a 360 degree circle and can actually "lift" a weak signal out of the noise. Andy felt his setup with a probe 9 and CM crossfire TV antenna created stronger nulls than I am getting with my system. His antennas are 28 feet apart, while mine are 23. Perhaps the spacing of the antennas has something to do with it. However, I am very pleased and will never regret adding this handy device to my system. After having it a few months, I couldn't live without it! Just in case anyone is wondering, both antennas have their own rotors. Working two rotors is no problem. Andy has also built phase boxes to help his TV DXing. One box is for channels 2-6, while the other is for channels 7-13. He is able to "wipe out" his semi-locals in Terre Haute, IN and Champaign, IL. I also had Andy and Dennis install a new rotor on my TV antennas. The old one was nearly dead. Andy was very impressed with my THF reception. My 7 foot dish is close to 50 feet above the ground, while his is not that high. Now my house really looks crazy with two FM antennas and two TV antennas. I have seen some people driving past craning their necks wondering what must go on here! As yet, none have piled up their cars. To conclude. Bob Zent visited me in May from Huntington, IN. He seemed to like my new setup. He also helped me replace a broken guy wire on my TV tower. This has been a dismal year for Es/tr/MS/Au.

961

2011 KSAQ 96.1 TX San Antonio, r\$ 1050 1117 KBNL 89.9 TX Laredo, G\$, SS 1192

(??? = was asleep and later found taped) | (o/WTPI 107.9 IN Indy) "EZ-108"

2000 KBAT 93.3 TX Midland-Odessa,r\$ 1090 1117 KHOY 88.1 TX Laredo, b\$

1108 1426 WJIS 88.1 FL Bradenton, g\$

7 tr 1315 0435 WCEZ 107.9 OH Delaware, b\$,

961 ???? KGNZ 88.1 TX Abilene

July 1991

961

73, Ralph

21 Es

1200 KGNZ 88.1 TX Abilene-San

1305 KLUX 89.5 TX Robstown, g\$

1946 KGNZ 88.1 TX Abilene, g\$

2222 KTEP 88.5 TX El Paso, j\$

1257 KENT 90.5 TX Odessa-Midland,g\$ 1110

Angelo-Snyder, gS

AUGUST 1991

dBRUCE HALL - 5 STIRTON AVE - BRANTFORD, ONTARIO CANADA N3T 1E2 Equipment: JVC JRS201 receiver (mod w/3 150 filters) Magnum Dynalab singal stueth, Stereo Probe 9 fed with RG6 at 50 AGL, crown rotor, Distances are in kilometres MAY 20, 1991 TrS 0841 WKKI 94.3 OH Celina-St. Marys, K94, r, confusing with WKBI 94.3 St. Marys too. considered possile new non-ID for WKBI (Bruce WKBI is now "Rocket Radio"-gc) JUNE 1991 DX 0715 WSTD 96.9 MI Standish, "56 degrees in Standish", calls, music by the Rascals 0741 WXBO 96.9 TN Bristol k, "Good Morning WXBQ" Finally a TN logging. 14 month search since APR/90. 30th state!! 0706 WCBA 98.7 NY Corning-Elmira, mr. local carpet ad, "98.7 CBA-FM", John Denver mx

0731 WOIK 99.1 FL Jacksonville, k "The birthday list straight ahead here at WQIK so stand by for that." Relog, previous MS too. Req QSL 1426

0726 WCLG 100.1 WV Morgantown, CLG-FM 319 0621 WNUY 100.1 OH Bluffton, "New Y100" r 400

> KF The first mist of the

0858 CJFT 101.1 ON Ft. Erie, \$ Standards, "Rich Blend 101.1 where great songs have gone" Followed by Pete Fountain music

0631(WXCD)102.7 MI Mt.Clemens, j, CD-102.7 As we continue our smooth sounds of Pat Metheny on the new CD 102.7 WXCD" Ex: WKSG, Oldies 102.7

0713{ WMXE} 103.7 PA Erie. r\$. "The best mix of the 60s, 70s, 80s, and 90s is MIX 103.7" 12 TrS/AU

0642 WWWM105.5 OH Sylvania, r, 3WM 2208 WKKJ 93.3 OH Chillicothe, rf, distorted 'WKKJ 93.3" followed by REM "Losing My Religion". Scanned dial with probe NNW due to solar storms. 2nd Au logging

0633 KEZZ 94.3 MN Aitkin, rm, strong burst but calls only 19 MS

0707 WRLF 94.3 WV Fairmont, op. 94 Rock calls and mention of Fairmont

0557 CHIO 94.3 MB Winnipeg, ment of Winnipeg, Q94 (1518), 73DB MIKE CHERRY - BOX 631 - GANGES, BRITISH COLUMBIA V0S 1E0 (604) 537-5201

ANTENNA: Linsday 10-element, wide-spaced beam @ 60' on Hy-Gain CD-45II rotor. EQUIPMENT: Sansui SX-1070B stereo receiver, Toshiba SA500 receiver (analog tuning), ch. 6 xtal trap, Magnum 150 slueth bandpass/pre-amp/attenuator. Mobile: Toyota ETR FM stereo receiver and stock whip (@=mobile). Distances in miles.

MAY 1991 DX

13 Tr 2108 KZZL 99.5 WA -ads,rodeo promo,k 324 2124 KHEZ 103.3 ID - EZ103, nostalgia mx 2127 KBSU 90.3 ID - promo for Morning Edition (over KCMU) 2129 KTSY 89.5 ID - ez Christian mx 2133 KJOT 105.1 ID - ad, wx, AC music 2139 KSRV 96.1 OR - PSA, ID, k mx

2151 KCMB 104.7 OR - Country 104.7, weak, a tough one to catch! 2159 KBSMt 91.7 ID, - NPR ID, local ID not

audible (assumed station) 2208 KRFA 91.7 ID - local ID with i.

not the same signal as above

1100 KBCS 91.3 WA \$ f mx, ID, promo (local K217AY off)

17 Es/E-E 2336 KRTNt 94.3 MN - mentioned Colfax Co. 2339 KSPK 102.3 CO - K102, Kountry ad 2343 KRZA 88.7 CO CHR with ID

2359 KELT 94.5 TX, ID with Harlingen and McAllen, K-Lite

18 E-E/Es

0002 KRIX 99.5 TX 99X ID ans AOR mx (Mike, Are you sure it was them you heard? They 0812 KFAE 89.1 WA, Morning Ed. Icl ID

that you heard coming in. Unless they have gone back to 99X. Do any members in Texas know who might be running "99X" slogan on 99.5?-gc) 0004 unID 90.1 Spanish lang., sounded like

news, XHRYS?? (There is another one on on this freq: XHUA Chihuahua, "Estereo Vida"-gc) 0006 KFGG 88.7 TX g, gave local church PSA and music

0014 KXVR 99.5 CA ID with KRXV 98.1, MOR 0022 KZZZ 94.7 AZ wx, K-Triple-Z

1333 KVSR 97.9 SD, ID, relig, program 1338 KILI 90.1 SD, ID, Native Amer, music 1343 KTNE 91.1 NE Nebr. Public Radio 1100

1843 KHIH 94.7 CO K-High, AC music 1854 KUNC 91.5 CO c- concert mx, ID 24 GW

0800+CKZZ 95.3 BC, rs. "Zed 95.3 FM". \$, new Vancouver stn JUNE 1991 DX

2300 CBR 102.1 AB, CBC Alberta ID.nx 2347 KOFI 103.9 MT, k. Coffee 104.1 ad 5 Au 0957 CHFM 95.9 AB Calgary's Music 96

42

0959 KCDA 103.1 ID & UPI news 1014 KPQ 102.1 WA, Q-102, prev tropo 2137 KMBI 107.9 WA, music, ID, prev tr 299 2144 KPBX 91.1 WA, j, prev Tr/Au 299 6 Tr

had switched formats, to top 40-modern rock: 0832 KFFM 107.3 WA, K Double FM, CHR 213 KRGY "Energy 99.5" Maybe it was something MIKE'S COMMENTS ON NEXT PAGE->

NORTHERN FM DK MIKE CHERRY'S COMMENTS

Double Es night of May 17/18 also on TV and 6 meters. Strong signals before single hop Es dominated. Note unusual time of day for FM Au on June 5. MUF finally fizzled out at 1530 that afternoon. Lights were intense that night and Au reported as far south as San Francisco here on the west coast!! Sporadic E-skip has been a bit disappointing so far other than the E-E treat down into South Texas. Hopefully the best is yet to come and that the season is just late. As observed from here most Es openings (and there have been fewer hours than last year) have a MUF of just barely past 51 Mhz and most have been to the central coast and southeastern parts of California. Hope others have had double hop treats. 73'\$......Mike VE7SKA

JOHN EBELING - 9209 VINCENT AVE - BLOOMINGTON, MINNESOTA 55431

FROM HOME AT BLOOMINGTON, MINN: JUNE 1991 DX

3 ES 2100 KJZZ 91.5 AZ Pheonix

2122 KOMP 92.3 NV Las Vegas The Rock of Las Vegas

2123 KUNV 91.5 NV Las Vegas 2125 KCEP 88.1 NV Las Vegas, fund raiser

0755 KIDA 92.9 IA Ida Grove

Well, that's it. For the whole month of June; A "prime" Es month. Rather poor, I would say. Regards, John Ebeling

FROM THE CABIN AT ALBORN, MINN: JUNE 1991 DK 1655 KSBJ 89.3 TX Humble/Houston 1659 KEDM 90.3 LA Monroe 1702 KLDN 88.9 TX Lufkin

1600 KLLZ 99.1 MN Walker (newrebroadcasts KLIZ Brainerd, with SCA also)

DANIEL E. OETTING - 22 CAMBRIDGE LANE - EXTON, PENNSYLVANIA 19341 Equipment: Harmon Kardon Citation 23, Yamaha T-70, Archer 20db FM amp, rabbit ears

MAY 1991 DX

29 Es 1358-1405 MUF soars from 88.7 to 107.9+ 1359 WMCU 89.7 FL Miami, g 93.1 FL Miami, c 1405 WTMI 1405 WCMQ 92.3 FL Hialeah, SS 1407 WLVE 93.9 FL Miami Beach, rmj 1407 WZTA 94.9 FL Miami Beach, pr 1407 WINZ? 97.3 FL Miami, ads (Dan, the calls are WFLC "Coast 97"-gc) 1408 WIRK 107.9 FL W.Palm Beach, k, ID

1408 WQBA 107.5 FL Miami, SS 100.7 FL Ft.Lauderdale, r 1408 WHYI 106.7 FL Ft.Lauderdale. rm 1410 WJQY 1410 WAXY 105.9 FL Ft.Lauderdale, rm lousy audio processing

1410 WMXJ 102.7 FL Pompano Beach, o 1411 WSHE 103.5 FL Ft.Lauderdale, pr 1414 WEDR 99.1 FL Miami, s 1416 MUF back down to 93.1. I exit to work. Came back to car radio at 1700 and still noted Es!

1710 KJEF 92.9 LA Jennings, ID, news JUNE 1991 DX

12 GW

1750 WYBF 89.1 PA Radnor Twp, pr

JUNE 14 TrS 1353 WLTJ 92.9 PA Pittsburgh, t, rm in strong for one minute

1205 FM E-skip starts 1215 WFSQ 88.9 FL Tallahassee, c "brought to you by Tallahassee Hospital" 1232 WUWF 88.1 FL Pensacola, c. ID 1300 WRWA 88.7 AL Dothan, m, multiple IDs 1304 WBLX 92.9 AL Mobile, s

1305 WKSJ 94.9 AL Mobile, k, 95KSJ 1310 WKGC 90.7 FL Panama City, FL news 1317 WLWI 92.3 AL Montgomery, k ,ID 1319 WZEW 92.1 AL Fairhope, r, "Mobile's

Tastiest tunes1330 Es crapped out 23 TrS from Echo Lake (Poconos), PA 1030 WCCC 106.9 CT Hartford, ro 1034 WFCR 88.5 MA Amherst, c Tobyhanna 107.9 not on the air yet, Stroudsburg

93.5 WSBG plays Jazz Sunday evenings.

Some half-decent E-skip to start the season, but all from the south - FL, GA, AL. MS, LA. There was an intense geo-magnetic storm on June 5 that should have sparked some good auroral DX but I missed it. WWV reported an A index of 151! That's the highest storm index I've seen since 1983. New semi-local now on the air: 89.1 WYBF Radnor Township, PA, operated by a community college (971-8453). Station seems to come on the air randomly. Format: Progressive rock. That's All For Now! Chow! Dan

180

DITOGLIQUIDATE TATOLIGE ESTREI 2 25 152 152 151 151

Grea Conialio-NFMDX 5100 Glenwood Drive Williamsville, NY 14221 TODAY:



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

Equipment, Receiver-Carver TX11a modified with five 150khz filters. Antenna- Two CM Stereo Probe 9's horizontally stacked at 35' AGL, CAC11 75 ohm coax, home brew tunable band pass filter. Underlined new to log (with stereo). Dashed underlined new propagation mode.

JUNE 1991 DX		JULY 1st E-s conr
5 Tr	1	2003 WQLM 92.9 FL Punta Gorda, Lite 93 FM 1168
1925 C 100.3 ON Ottawa, testing	- 9	2026 WFYV 104.5 FL Atlantic Beach, Rock 105 930
with oscillator, no ID	159	2049 WILN 105.9 FL Panama City, Island 1061041
5 Au		2100 WBKL 103.3 FL Callaway, SID, Cool 103
1955 WMBI 90.1 IL Chicago, USA Radio		Oldies, ID 1031
News, EBS Test	592	2136 KTMJ 104.1 TX Tyler, SID, Magic 104 1285
2024 WRKZ 106.7 PA Hershey, k		2 Es: MNSDWISD 1100-1340; MUF 106.7@1213
ID, previously via tropo	199	1114 KCGN 101.5 MN Ortonville, wx. ID 1017
22.GW	300	1134 KFGO 101.9 ND Fargo, Magic 102, ads 1042
1116 WXHC101.5 NY Homer, Hometown		1145 KOOL 95.1 ?? K-double-O-L, Cool 95
Radio, r. (RS)	35	where? (I think this is KDDL, Fred-gc)
29 Tr		1200 WGMO 95.3 WI Shell Lake, g ABC nx 799
0002 WPSU 91.1 PA State College		1207 WLDY 92.7 WI Ladysmith, Icl nx 762
IULY 1991 DX		1234 WOIB 88.9 WI Hayward, c, NPR, ID 781
1 Es TXALAFL 1242-2205MUF of 108 Mhz a	# 2015	1230 KNSR 88.9 MN Collegeville, ID, nx 917
1239 KETX 92.3 TX Livingston, ID, ex 92.1	1347	1237 KKCK 99.7 MN Marshall, 1cl ads. SID.r 984
1251 KLAA 103.5 LA Tioga, LA102,k,ad	1210	1243 KXSS 103.7 MN Waite Park, Icl ads, wx 910
1306 KVRP 95.5 TX Haskell, k, ID		1303 KBRK 93.7 SD Brookings, ID, TC, nx
1333 KIEF 92.9 LA Jennings, (ex 92.7)	1041	ex KGKG 94.3? (Yes-gc) 1035
1652 WTTT 90.1 FL Crestview, g		1315 KEZZ 94.3 MN Aitkin, wx, ID,r 893
local ads (i-gc), ID	1031	31325 KYYY 92.9 ND Bismarck, Y93.r.nx 1231
		most likely caused by more active wx disturbance
constinue constant level to the level of the E	, July	, most intery caused by more active was distill ballet

creating upper level turbulence (creating Es clouds) after a long spell of stable Bermuda Highs in May and June (my theory) (Very intersting theory). Some people also think the aurora was to blame-gc)

JEFF FALCONER - BOX	X 63 - (CLINTON, ONTARIO NOM 1L0	
Equipment: Magnum Dynalab FT101A, Pro	be 9 at 2	27' w/rotor, RG-11u feedline, Magnum Dynalab	amp
JUNE 1991 DX		1913 KLYF 100.3 IA Des Moines, r\$	627
7 Es		1929 WRVM102.7 WI Suring, a\$	357
1943 KSHU 90.5 TX Huntsville, r\$	1192		320
1948 KIKK 95.7 TX Houston, ads, ID\$	1237		619
1950 KWVS 97.5 TX Kingsville, \$, PSA	0.0000000	1957 KOEL 92.3 IA Oelwein k\$. FM92	539
for Engleside Naval Station, ID	1446	2010 WIMK 93.1 MI Iron Mountain r\$, K93	356
8 Es		2011 WZNL 94.3 Ml Norway, rm\$, The	
1159 WSCF 91.9 FL Vero Beach, g\$		Northern Light // WFNL 97.7	353
Christian 92	1094		
1201 unID 92.9 ?? rm\$, Lite 93 FM, pro	mo	Silver 97, is this the right call?	169
for Fawcett Hospital (Try WQLM-FL-	gc)	2027 WSPOt 97.9 WI Stevens Point, k\$.	
1211 WNGS 92.1 FL West Palm Beach, ri	m\$	Country 98, calls sounded like WSPO.	
Lite 92 FM	1175	Listed in FM Atlas as WSPT but AM is	
10 TrS	000.000	WSPOso?	
0740 WKLT 97.5 MI Kalkaska, r\$, KLT	201	2047 WJJO 94.1 WI Watertown, r\$. The	
20 Es		New WJJO (Jeff, new calls for WTFX-o	ic)
1600 WRMB 89.3t FL Boynton Beach, g\$,		2052 KNEB 94.1 NE Scottsbluff, MS	
South Florida news			1101
26 Tr		2107 WFXD 103.3 MI Marguette, ro\$, Fox	365
2144 KLYF 100.3 IA Des Moines,r\$, ID	627	28 Tr	-50
2200 WPNE 89.3 WI Green Bay, c\$, ID	328	0000 WHRM 90.9 WI Wausau, weak ID	416
2204 WPRE 94.3 WI Prarie du Chien.		0011 WJNR 101.5 MI Iron Mountain, r\$,	
Brewers baseball, mono, prev MS	499	Hits 101	356
2212 WAPL 105.7 WI Appleton,r\$,ID	355	0016 KROC 106.9 MN Rochester, r\$, ads	544
2223 WMYX 99.1 WI Milwaukee, ads\$	324	0104 WYCO107.9 WI Wausau, Great Y108	416
2234 KUNI 90.9 IA Cedar Rapids,rp\$, ID	532	28 TrS	
27 Tr		0912 WSKG 89.3 NY Binghamton, c\$, ID	300
1901 WROE 94.3 WI Neenah, rm\$	357	0918 CFMU 93.3 ON Hamilton, Morning Fil	
1909 KDMI 97.3 IA Des Moines, g, mond	627	Program\$, much wanted, 50 watts (Jeff, I this	
1911 WLTQ 97.3 WI Milwaukee. rm\$	324	they are up to 250 w. as is CFRU-gc)	90

	1100001 1001
JÉFF FALCONER'S F	REPORT CONTINUED-
JUNE 1991 DX	JUNE 28 E-skip continued
28 MS	1439 WGNE 98.1 FL Titusville,k\$,ads 1020
1550 KZENt 100.3 NE Central City, "in Norfolk	1442 WXDJ 95.7 FL Homestead, ads in SS 1233
we are giving away fireworks"	1443 WQPW 95.7 GA Valdosta, Power 96 863
29 Es	1445 WRMB 89.3 FL Boynton Beach,
1254 WGMX 94.3 FL Marathon, ads\$ The	local announcements\$ 1168
All New WGMX 1288	1456 WDDQ 92.1 GA Adel, travellers info 852
1311 WFLZ 93.3 FL Tampa, ads\$ 1057	1459 WFSQ 88.9 FL Tallahassee, j\$, ID 929
1316 WTJT 90.1 FL Crestview, g\$ 925	1504 WOLRt 91.3 FL Lake City, g, mono
1317 WEGS 91.7 FL Milton, r\$, ID 941	faded at ID time
1320 WSRX 91.5 FL Ft. Myers, rs\$, Spark 1157	1653 KITE 92.1 TX Kerrville,rm\$, Kite Radio 1364
1342 WGSG 89.5 FL Mayo, g\$ 928	1700(KLRX) 97.9 TX Dallas,rm\$, The All New
1418 WKJN 103.3 LA Hammond, k\$, Cajun 103 996	Lite 97.9 FM, ex KKWM 1130
1429[WFLC] 97.3 FL Miami, wx, Coast 97	1703 KAJA 97.3 TX San Antonio,k\$, KJay 1353
ex: WGTR 1218	1706 WRB 101.1 TX Dallas, c\$, ID 1130
	1708 KVIL 103.7 TX Highland Park,r\$,ID 1108
A good trops opening June 26-28 followed by a go	
	현 교통 시대한 시간의 경기를 내려왔다. 시간에 전환하면 그리지 내용하고 없어 보고 있는 것 같아 보고 있다.

NOATHEAN FM DK

jazz pgm // 88.1 in Charlottetown

	97.3 FL Miami, wx, Coast 97	1703 KAJA 97.3 TX San Antonio,k\$, KJay 1353
ex: WGTR	1218	1706 WRR 101.1 TX Dallas, c\$, ID 1130 1708 KVIL 103.7 TX Highland Park,r\$,ID 1108
A good trops	opening June 26-28 followed by a go	od Es session on the 29th (MUF up to 107.5). Hope
	earning lots of new ones, 73	od Es session on the 25th (MOP up to 107.5). Hope
ever youe is in	Farming lots of new ones, 75	
ROBERT S	ROSS - VESTEC - BOX 437	STN C - LONDON, ONTARIO N6A 5K1
	Marante 2226B receiver, FM beam	
MAY 1991 D		₹2137 CBAF29 88.1 PEI Charlottetown, same as
24 Tr	Δ.	
	90.1 NY Greece, "WGMC Town	above in // each other. Nice NE Opening
	nentions of Rochester, NY	10156(WMXE) 103.7 PA Erie, rock mx, "WMXE
29 Es	heritablis of functions at 141	Erie, Mix 103.7", ex: WCCK
2008 WRBH	88.3 LA New Orleans, YL talk	\$ 13 Tr
	lew Orleans Social Services	1938 WMUB 88.5 OH Oxford, classical, calls
2018 KSMB	94.5 LA Lafayette, calls, promo	5 14 Tr
2016 KDEA	99.1 LA New Iberia, soft rock	\$0746 WIDL 92.1 MI Caro, calls, ex 104.9
	55.1 LA New Ideria, soft fock	20857 WDBI 107.3 MI Tawas City, calls, ID
31 Tr 2333 CBOF	90.7 ON Ottawa, OM TX, FF	with East Tawas and Oscoda, ads, nx, sps,wx
	dio Canada", "CBOF- Bonjour"	16 Es
JUNE 1991 I		1815 WDDQ 92.1 GA Adel, ads for "Exit 10
1 TR	24	I-75 in Georgia", Adel Truck Stop adv
All control of the last of the	100.9 MI Piconning, rock mx, ID	1819 WGPC 104.5 GA Albany, ads for
	tch is on to the new Maic 101 Bay	Albany, GA businesses
	aginaw, Midland"	1823 WGLF 104.1 FL Tallahassee, ID as
	93.7 NY Depew, Power 94	Gulf 104, Home of Rock and Roll"
and the same of the same addressed the		\$ 1823 WDFL 106.3 FL Cross City, o'w, calls
2218 <u>WYTN</u>	mily Radio, Oakland, CA address	1833 WKTK 98.5 FL Crystal River, calls
2 Tr	filly hadio, Oakiand, CA address	1835 WDMG 99.5 GA Douglas, local ads
	00 0 DA Tohnotour Bible	
0008 WFRJ	88.9 PA Johnstown, Bible	and ID as "The Heat 99.5", rock music
	gs, Family Radio, legal ID 88.3 OH Berea, calls, oldies pgm	1838 WYUU 92.5 FL Safety Harbor, U-92 oldies, 50s music
3 Tr	66.5 On Berea, calls, oldies pgm	1840 WNFB 94.3 FL Lake City. B94 forecast
0100 WBNI	89.1 IN Ft. Wayne, legal, blues	for N.Florida, "B94-WNFB", rock mx
8 Es	65.1 IIV F t. Wayne, legal, bides	317 Tr
	90 9 FT Downton Booch mornel	30725 WVNP 89.9 WV Wheeling, WVA Public
	89.3 FL Boynton Beach, gospel	Radio, PBS Talk program
	A, calls by YL at 1200 90.7 FL W.Palm Beach,calls,c	\$0737 WOVK 98.7 WV Wheeling, country song
1146 WXEL		20743 WBZW 107.7 OH Loudonville, wx, sopot
1915 KGRM	91.5 LA Grambling, legal ID,	
	nusic, spot for USAF	for Arts Ctr in Wooster, "107.7", jazz type mx
9 Es	00 1 TV Abilene Comel D1-	
1837 KGNZ	88.1 TX Abilene, Gospel Rock	30014 CJFT 101.1 ON Ft.Erie, MOR,ow, and
1851(KNIN)	92.9 TX Wichita Falls, wx KBID	
	92.9" spot on Americans in war	3 // with 530AM: STATION #700 LOGGED
1855 KNON	89.9 TX Dallas, local concerts	18 Es
	t, they are on 89.3 I think-gc)	\$ 0030 CHLQ 93.1 PEI Charlottetown, c/w
1902 KSCS	96.3 TX Ft. Worth, C/W, calls	syndicated program called "Star Country
10 Es	DO E NID Manager OM DITTY PE	(I've heard the same thing on CKAT 101.9-gc)

2137 CBAF 88.5 NB Moncton, OM DJ TX FF 3 CBAF29 88.1 Charlottetown also in. Called

station to confirm reception.

NOATHEAN FM DH AUGUST
KEN ONYSCHUK - 13612 WENTWORTH AVE. - RIVERDALE, ILLINOIS 60627 AUGUST 1991

Equipment GE Superadio, 10 years old. June 30: At this writing I've been unemployed 2 1/2 months, 78 Olds with AM radio only was totaled in an accident earlier this month. My 2 sons, working part-time at a car dealership, put down enough for another 78 Olds with AM-FM. FM reception is pretty good for this DX-conscious veteran. 6/30: The oppressive heat/humidity sent me out to my local park 1/2 block away. DX on FM was interesting after 7pm. 90.5 WNIJ was one heard at 8pm, nice signal, then into lite jazz, then I managed to loopit and heard details of a PR telethon on APR then a Madison. Wis. mention.; like a network feed. Any ideas? (Ken, could it have been 90.7. In that case, WHAD Delafield, WI would fit-gc). A little down the dial, 88.1 WCRX-rr, .5 WHPK-rap & rr. .7 WLUW dance/T40' 89.3 WKKC more rr, .5 WNIU more rr, .7 good signal on WONU Kankakee, local wx temps, then 90.9 WDCB solid; 91.5 WBEZ; .9 WJCH rel; 92.3 WYCA 30 kw my local-gospel pest, ruins 92.1 DX. I've got a lot of time, I'll try to DX FM despite being only 1/2 mile south of Chicago. Overall total is 141, still trying to log all the Milwaukee FMers. Enjoy the reports in your column (Thank youl-gc). Yeah it was a sad day in Chicago radio. 1974, 103.5 WKFM changed to WFYR, our 1st rock oldies station. If did well until 1985 I think, when 104.3 WJJD changed to WJMK, and gave WFYR tough competition. In 89 or so WFYR changed to AdC and finally bit the dust. Was sold to new owners and changed to WWBZ-AOR-The Blaze. WJMK is still strong. Recently WLNR Lansing changed to WJPC = 950 AM. Weird, a black adult soft pop station. At 3kw it has no interference in N.E. Illinois. Ken O.

BILL NOLLMAN - 35 NYE RD GLASTONBURY, CONNETICUT 06033
(203) 633-2490, Equipment: Carver TXIIA 2/II0 khz, 3 I50 khz filters, Probe 9
(sort of) in attic.
MAY 1991 DX 20 Tr typical excellent summer Tr 1926 KTLS 93 3 0K Ada 1400
20 Tr typical excellent summer Tr 1926 KTLS 93 3 0K Ada 1400 2155 WSLT 106 3 NJ Oceac City 185 1933 KTMO 98 9 MO Kennett 1025
2157 WEME 94.7 N. I Newark 100 1937 PNIN 92.9 TV Wight's Falle 1500
2157 WFME 94.7 NJ Newark 100 1937 KNIN 92.9 TX Wichita Falls 1500 175 1952 KAYO 97.7 MO Warsaw 1100
2200 WIFI 77.7 VA NOTIOIR, 8 3/3 ZUUZ WKKR 9/.7 AL AUDUTN.
ZZU/ WYES 99.5 VA Accomac SIU# KICKER FM 9/0
2210 WBNJ 105.5 NJ Cape May, JOY 105 210 2030 WRBH 88.3 LA Norleans, 093 1260 210 2030 WRBH 88.3 LA New Orleans
2221 WZXL 100.7 NJ Wildwood 200 2034 WEZZ 97.7 AL Clanton
2222 WYYW 1015 N. I Trenton Trinks A Basshall 079
New Jersey 101.5 150 2035 WEB 97.1 LA N.Orleans,B97 1260 2026 WS.JL 102.3 NJ Cape May 210 2109 WJMI 99.7 MS Jackson 1160 2227 WOLC 102.5 MD Princess Anna 290 JUNE 1991 DX 2233 WMXN105.3 VA Norfolk,MIX 375 7 Es 2336 WES 2 94.1 VA Yorkton, k 380 2000 KTLC 99.7 TX Tye-Abilene 1625
2226 WSJL 102.3 NJ Cape May 210 2109 WJMI 99.7 MS Jackson 1160
2237 WOLG 102.5 IND Princess Ann 290 JUNE 1991 DX
2236 WKEZ 94.1 VA Yorkton, k 380 2000 KTLC 99.7 TX Tye-Abilene 1625
2240 WMVB 97.3 NJ Millville, 8 Es
2240 WMVB 97.3 NJ Millville, BOSS 97 2300 WNNN 101.7 N.J Canton
2300 WNNN 101.7 NJ Canton 2302 WAFL 97.7 DE Milford 2301 1800 WPAT 93.1 NJ Paterson 90
2308 WVLT 92.1 NJ Vineland 190 1804 WOCB 94.9 MA W Yarmouth 110
2312 WQHQ 104.7 MD 0c.City.0105 250 1807 WMVY92.7 MA Tisbury 100
2314 WFAS 103.9 NY White Plains 75 1810 WCOD 106.1 MA Hyannis 110
2318 WVES 99 3 VA Accomac, 1814 WFXR 93.5 MA Harwich FOX 120 SIGN OFF! 1819 WFAL 1011 MA Falmouth.
2318 WMID 99 3 N.J Pleasantville 170 "Fi01"
2326 WKJY 98.3 NY Hempstead 95 1824 WFHN 107 I MA Farihaven 85
2326 WKJY 98.3 NY Hempstead 95 1824 WFHN 107 I MA Farihaven 2332 WF0G 92.9 VA Suffolk 390 1836 WATD 95.9 MA Marshfield 100
11 81
U/19 WUKD 98 9 VI Burlington 190 2004 WMCV 93 1 ME Daviland 190
24 GW 2052 WHDQ 106 I NH ClaremontQ106 IQ 1245 WKBK 98.7 NH Keene, MONO 2055 WABK 104.3 ME Gardiner 200
1245 WKBK 98.7 NH Keene, MONO 2055 WABK 104.3 ME Gardiner 200
24 GW 1245 WKBK 98.7 NH Keene, MONO talk, ABC news 75 2057 WPKM106.3 ME Gardiner 200 WYK Sand Tr 1139 WAAC 92.9 GA Valdesta 693 975
27 Es and Tr 1139 WAAC 92.9 GA Valdosta,C93 975 2102 WOKO 97.5 NH Dover 125 1159 WRTI 90.1 PA Philadelphia 160 2108 WCOL 95.3 ME York Ctr
1159 WRII 90.1 PA Philadelphia 160 2108 WCOI 95.3 MF York Ctr
28 GW and Ir = COOL 95 3
2100 WGNY 103.1 NY Newburgh 65 2110 WYNZ 100 9 ME Westbrook
2101 CKBY 105.3 ON Ottawa, k 300 Y-101 180 29 Es 2110 WCL7 98 9 MF Brunswark The
29 Es 1921 KBEZ 92.9 OK Tulsa 1300 2110 WCLZ 98 9 ME Brunswick. The Breeze, strict nonID 198
The state of the s

NORTHERN FM	DH					AUGUST	1991
	BILL NOLLMA	N's B	EPO	RT con	tinued		
JUNE 18th Tr	and the beautiful and the control of	1	2111	WJDX		Jackson	11/0
OHI WAR GEG	ME Lewiston,	200	2112	VCMA		IX 96 Lafavette	1160 1325
2117 WGIR 1011	NH Manchester	100	2114	KSMB WZLQ	98.5 MS	Lafayette Tupelo,Z99	1075
2118 WHEB 100 3 2133 WYOU 97 1 2140 WMME 92 3	NH Manchester NH Pertsmouth ME Bangor ME Augusta, NH Concord,JOY	200 100 125 290	2115	WZLO KTUX	98.9 TX	Carthage.	
2133 WYOU 97.1	ME Bangor	290	2110	WAGR	102 5 Mg	x 99	1320 1140
STAO MINIME AS 3	ME Augusta,	250\$	2118	WAGR	99.7 MS	E Lexington Jackson	1140
2201 WJYY 105 5 2215 WTSA 96 7 2216 WKVT 92 7	NH Concord, JOY	110%			Po	wer 99	1160
2215 WTSA 96.7 2216 WKVT 92.7	VT Brattleboro VT Brattleboro	75	2121	KM0E KMYQ	101.9 LA	Monroe Bastrop	1250
19 Tr	vi Diattleboro	2	DIV	/FD			1230
0602 WZR1 97.1		130	4 M	Ş		S Jackson	1110
0606 WJJR 981 0624 WMDK 921	VT Rutland	130	1056	WJMI	99 / M	S Jackson	1160
20 GW	NH Peterburough	1 70 3	I Fs	1 1771	DV		
2040 WZAD 97.3	NY Wurtsboro	3	1 Es 1949	WBKJ WZHT	105.1 M	S Kosciusko	1100
this one hea	ard in car	90	1949	WZHT	105.7 AL	Troy	1000
2111 WNYU 89.1 21 GW	NY New York	908	3000	MARE	104.5 IVI	S nattiesbui	875
0700 WXPS 107.1	NY Briarcliff	1	2000	WKJN	103.3 LA	Hammond	
	Manor, EXPRESS	S 80	2001	HILLIAND	Ca	, Iroy S Hattiesbur A Atlanta A Hammond Jun 103	1270
22 Tr-GW 1418 WBBS 105.1	MA Crost						
1416 WDD3 103.1	MA Great Barrington brite	e lite	2000	AA THIAIX	N	/lix 105	845
23 GW-TrS	201111101111111		2009	KQXL	106.5 LA	New Road	s,Q106
0405 <u>WXPN</u> 88.5	PA Philadelphia	1/0	2012	WAKH	105.7 M	S McComb,	1110
DANS WWFR SS S	OCT Wallingford	100g	2018	WKSM	99 5 FI	. Ft Walton	Beach
Eltz WWUH 91	3 and IDs with b	oth	2020	VI ILLIAN	Po	wer 99.5 K	iss FM
0415 WSOU 89 5	NJ S Orange	90	2024	WGSY	100.1 Al	_ Phenix Cit	У 040
1733 <u>WMYY</u> 97.3	NY Schoharie	110	2020	SUNN	10751	Duston Rio	940 Z 1270
25 GW	MA Great Barrington,brite PA Philadelphia WFCR off! CT Wallingford, 3 and IDs with b NJ S.Orange NY Schoharie My Country	110	2030	KXKZ WNLA WSTZ	105.5 M	A Ruston,Big S Indianola S Vicksburg	1150
25 GW 0700 WAMK 90 9 30 ES	NY Kingston	75	2039		106.7 M	S Vicksburg	Distriction (
30 ES	TAIL TILL Manual		2	7-106		S Jackson	1190 1160
2205 WIDW 94 F	I Champaign	840	2050	WOLJ	96.9 N	S Indianola	1150
DECO MARKET 111	0		5 ZUD2	WEZD	97.1 L	IS Indianola A N Orleans,	B97
	Hor	A	27115	WOKK	9/1 N	IS Meridian	1110 ne 1260
	1900	Ψ.,	2057	WAPV	V 99 7 G	A New Orlea A Atlanta	875
	HILL STREET	- 1	2100	WYNK	101.5 L	A Baton Rou	ige 1280
THUNDER	BAY, ONTARIO	1	2105	KRMD	101.1 L	A Shrevepor	t 1320
	- 5100 GLENWOO	אח חר	IVF -	WIIIIA	MSVIII	F NEW YOR	K 14221
Fauinment CArver T	TX11 now modified (Th	nanks [ave N	ieman for	helping o	ut with that)	
	t these last month-oop			15 Tropo			
13 TrS: All Taranto F			0726	WOWÓ 1	02.1 PA D	uBois, k\$ o/CF	NY 130
0200 WOJU 107.1 PA		474	0735	WFRI 88.	9 PA Johns	town, Family R	Lg\$ 188
0200 WCPV 400 7 M	Os with Lewiston ID Westminster, "100-C	171	0737	WORM1	06.3 PA Sn	nethport, r\$,	N 83
100.1 in Baltimore",		255	0730	WECY O	R 1 PA Alt	ork ^a , NEW STI oona, k\$, Frogg	N DO
0206 WSSZ 107.1 P/		187	0/3/	way over	local CHF	I, even on boon	nbax 173
0210 WMXP100.7 PA	A.N. Kensington, Mix	1000 M	0743	WÁLY 10	3.9 PA Bel	lwood, o\$,	
Jams 100.7 over	WMMS & WGRX	169		Wally 10	4, o/CBBP	and WLMI	168
	A Scranton, Rock 107,rp		U744			ltimore, 98 Rock	c, rps 269
0218 <u>WYSP</u> 94.1 PA 0250 <u>WTLZ</u> 107.1 M		281 252	0745			ig local likel Hagerstown, b\$	238
	H Circleville, gr\$, calls					rrisburg, bm\$,	200
	th logging above but for	ormat				report, o/CJEZ	
distinguished. Very	strong for only 3kw	321				ambersburg,	203
U300 WOLW 91.1 W	II Cadillac, g//WPHN	N 343				allidaysburg, no	
MONO, "Mono	IJ Hackettstown, good	250				ne, k\$, legal ID	95 176
	ON Meaford, // CKN		0.000			wiston, nx,wx\$ ssell, gr\$, I-103	COLO.
	watt translator	172			ny closest u		
				JIN OF II	.,	and a second second	

HUNTHENH FIN UK		กบบบว่า เร	121
GREG CONIGLI	O's R	EPORT CONTINUED	
IUNE 1991 DX	1	JUNE 29 E-skip	
11 Au	- 0		1050
0040 WHWC 88.3 WI Menomonie, WPR,wx	662		1050
	002	1438 KZZB 95.1 TX Beaumount, r\$, B95	124
13 Au 1644(147474747) 100 2 N.C. Consumbana and	- 1	1438 WTVY 95.5 AL Dothan, k\$, calls	89
.614(WWWB) 100.3 NC Greensboro, rm,	400	1441(KBXX) 97.9 TX Houston, s\$, The Box	18000
B100, ex: WOJY	482	ex : KFMK	129
<u>3 Tr</u>		1448 WOVV 95.5 FL Pt. Pierce, r\$, calls	107
345 WMIT 100.9 MI Piconning, rm\$, Magic	262	1450 WPCF 100.1 FL Panama City, g\$, calls	96
4 Tr		1453 WMMK 92.1 FL Destin, k\$, K92	
819 CKLP 103.3 ON Parry Sound, over WI	UFX	1458 WYZB 105.5 FL Mary Esther, Cool 105	
50 kw at 7 miles!!!, strong opening!	174	oldies format	97
827 WCEP 106 2 MI Socinary and colle	254		21
827 WGER 106.3 MI Saginaw, rm\$, calls	2.79	1501 WTTT 90.1 FL Crestview, g\$, song	or
900 WORW 91.9 MI Port Huron, MONO,	220	ID w / Baker, "Trusting Jesus Today"	95
stn phone number, only 100 watts	220	1512 WXBM 102.7 FL Milton, k\$, FL #100	96
5 Es	- 1	1516 WKOR 101.9 AL Citronella, k\$, good	
330 <u>WFRC</u> 90.5 GA Columbus, g\$, ID		signal, 101.9 Kicker FM	97
with Phenix City, local-like	804	1518 WZEW 92.1 AL Farihope, rp\$, Mobile's	
33 WCGQ 107.3 GA Columbus, Q107, r\$	804	Classic Rock Source, 92 Zoo	99
37 WVRK 102.9 GA Columbus, r\$, Rock		1520 WMFC 99.3 AL Monroeville,k\$	92
103, local mention, Don Henley mx	804		123
	00%	O ,	123
38 WSTR 94.1 GA Smyrna, local ads,	200	IULY 1991 DX	
First ever Atlanta area logging here	710	1.ES	
340 WILN 105.9 FL Panama City, r\$,	0.000	0032 KGAM 90.7 KS Wichita, gr\$ (Metal)	, gran
Island 106, Lenny Kravitz mx, strong	967	Z-Gam Wichita weather	103
41 WWAY 102.3 FL Santa Rosa Bch, rm\$	962	0845 KWEN 95.5 OK Tulsa, k\$, K-95	101
847 WMMK 92.1 FL Destin, k\$, K-92	970	0851 unID 104.9 Lite 105, ment NW Expwy	
	970	0854 KKNG 92.5 OK Oklahoma City,call	110
lir			116
15 WZOO 102.5 OH Edgewood, news	400		
over WMJQ!! (phasing technique)	123		112
723 <u>WOUR</u> 96.9 NY Utica, over 97 Rock	178		117
6 Es		0946 <u>KMSI</u> 88.1 OK Moore / / KNYD	111
053 KHYI 94.9 TX Arlington, rs\$, Power 95	1219	0950 KCMA 92.1 OK Broken Arrow, c\$	101
101 KWZD103.7 TX Hamlin, Wizard, k\$	1349	0956 KXLS 99.7 OK Alva, local news	113
103 KJAK 92.7 TX Slaton, Igl, g\$	1391	1002 KCSC 90.1 OK Edmonds, c\$	110
	1371	1250 KJMZ 100.3 TX Dallas, sr\$, Jams	122
105 KKND 105.5 OK Stillwater, r\$,	4070		122
legal ID, Hi Dannyl	1073	1257 KEGL 97.1 TX Pt. Worth, Top 40\$	
107 KLUR 99.9 TX Wichita Falls, k\$		1304 WUSM 88.5 MS Hattiesburg, g\$, legal	99
over CKFM using phasing	1221	1305 KNTU 88.1 TX Denton, Dallas wx	119
108 KAMO 94.3 AR Rogers, Kaymo 94.3	931	1340 WEZB 97.1 LA New Orleans, r\$, B97	109
112 KFQX 102.7 TX Merkel, Fox 102.7	1355	1509 KNFO 95.5 TX Waco, k\$, K95	127
	1210	1723 WABB 97.5 AL Mobile, r\$, only Es in	99
118 KADA 96.7 OK Ada, Magic	1108	1934 WDEC 94.3 GA Americus, k\$, calls	82
	1195	1939 WNFB 94.3 FL Lake City, very strong	76
136 KJZY 99.1 TX Denton, j\$			90
	1233	Adcon satellite fed, "B94"	
	1196	1942 WCGO 98.3 GA Jesup, Coast 98.3, o\$	81
157 KTUX 98.9 TX Carthage, Tux 99,r\$	1139	1945 <u>WEZY</u> 94.1 FL Lakeland, b\$, o/ CBL	107
	1200	2010 WEEJ 100.1 FL Pt. Charlotte, adult	The same
208 KZPS 92.5 TX Dallas, op\$	1222	contemporary music, Coast 100.1	119
220 KHFI 96.7 TX Georgetown,r\$, K96.7	1355	2010 WOIK 99.1 FL Jacksonville, k\$, calls	89
1224 KIVY 92.7 TX Crockett, ads\$	1210	2011 WIRK 107.9 FL W. Palm Beach, k\$	112
	1210	2020 WIQY 106.7 FL Rt. Lauderdale, song by	
27 Nice Trop!			
223 WIKB 99.1 MI Iron River, Brewers BB		Wilson Phillips // Chris Dunne (thanks)	116
230 WRVM 102.7 WI Suring, g\$, legal ID	470	2021 WTMI 93.1 FL Miami, c\$, over CHAY	1212.5
2315 WWIS 99.7 WI Black River Falls, rm\$		Thanks again to Chris Dunne	119
calls, promo, my dass A distance record for	Tr	2029 WFXE 104.9 GA Columbus, s\$, Foxy105	80
unless they upgraded when I heard lite		2038 WBGM 98.9 FL Tallahassee, Lite	92
rock, expected WQZZ, nice surprisel	611	2050 WAYS 99.1 GA Macon, r\$, 99-Ways	75
2225 WIND 101 5 MI from Mountain of a	011	2051 WGSY 100.1 AL Phenix City, Sunny	80
2335 WINR 101.5 MI Iron Mountain, r\$, o/			OU
CFMP/WLQR, t-storm warning, Hits 101	498	2100 WIYF 95.3 GA Nashville, legal ID	250
2350 <u>WHLA</u> 90.3 WI LaCrosse, Wis. Pub. Ro	do	also mentioned Tifton over CKDS	85
MONO interview, very good signal	624	2101 WTRS 102.3 FL Dunnellon, k\$, ID with	
28 Tr	orto 1	Ocala and Gainesville	98
	477	2105 WIPH 101.9 FL Monticello, news, o\$	
0005 WHAD 90.7 WI Delafield, // WHLA	4//	Sunny 101, legal ID, new to air	
0007 WMGU 104.9 WI Stephens Point, rm\$,			4
Magic 105, sign off, very weak	549	TO CONTINUE NEXT MONTH. See you	di
0012 WIFC 95.5 WI Wausau,r\$, calls	553	Dunkirk for the Convention!	
0027 <u>WIZM</u> 93.3 WI LaCrosse, r\$, Z93	624		
5~ 10 M M = 1 M M = 1 M M = 1 M M = 1 M M = 1 M			

SOUTHERN · FM DX:

Danny Buntin 1312 N. Skyline Stillwater, OK 74075

AUGUST 1991 DEADLINE: 14th
For FM DX reporters from: AL, AR, AZ, CA, CO, DE, FL, GA, KS, KY, LA, MD, MS, NC, NM, NV,
OK, SC, TN, TX, UT, VA, and WV. Also DC.

SOME FIND THIS SKIP SEASON NOT SO SLOW.

For an Es season that seems slow going to many, at least a couple of reporters managed to come up with some extensive loggings while voicing no complaints about the June's Es. One of them had double hop come in from 75 miles from the Alaskan border. Another did well with the Carribean area. More consistantly slow for all was the June tr. And counting trop along with the Es, one DXer could not remember receiving so little DX in any June. Meanwhile one DXer hopes to stagger stack a pair of FM-13s for a significant improvement on front-to-back ratio. Good luck on that. And check out the Pikes Peak DXpedition, a near bust.

WHAT WAS THE DX LIKE 10 YEARS AGO? BETTER? For those with this year's slow DX blues here's a consoling look at the August 1981 intro to Southern FM DX: "This year's Es season, slow in cranking up, finally gained considerable momentum in the second half of June with at least seven active days for the FM South recorded. The 25th was most prolific with Es bouncing in from several widely spaced directions at once for some reporters. After a 1ull Es continued its boom into early July, the 4-9th looking quite good. Even 10 watters were managing to be heard. Maximum distance heard so far is 1800 miles. If the July trend keeps up, this Es season wil rival last year's, if it doesn't already....June has been a prosperous month for long haul trop, though the openings have not been as long lived as the previous June. More reports are here. At that time signals rolled in from the desert, just as it did last year, in a El Paso, TX to Arkansas path(literally a Texas sized opening and then some). The 8-9th trop peaked out at 1000 miles. Also reported was another duct that ranged up to 910 miles on June 17-18th. Some more tr has formed since then but at more modest levels. (Taken from the August 1981 VUD, Southern FM DX).)

Matt Sittel, PO Box 21451, 511J Wood Hall, NCSU, Raleigh, NC 27607

Equipment: Yamaha TX-900U tuner with modified filters, Archer 6-bay FM antenna, rabbit ears

6/13	tr WJFK	106.7	VA	Manassas, calls	217
6/15	tr				259
6/16		99.1	36	roll koyal, calls	422
1816	WLJY	92.7	IL		635
1823	KATE	92.9	TA	Dubuque, Cat FM	792
1826	WLRT	92.7	$\overline{\rm IL}$	Kankakee, Lite Rock 93	615
tr 2200	WTHP	98.3	NC	Thomasville, ID	78
6/17	tr			Charleston, calls	218
6/24	tr				
		99.3	SC	Chester, ID	160
6/26	tr	107 7	***	11	209
0607	WMJR	107.7	VA.	Warrenton Washington, Mix 107.3	
0610	WRQX	107.3	DC	Charleston, over WHLQ	218
		102.5	20	Charleston, over wind	210
6/30		05.2	22	EE,mono,c	
				EE,CBC,mono	
2033	unin	09 0	NTD	Saint John, 98 Lite FM	940
2040	CVIE	90.9	MB	Bathuret FF rs	1060
2030	UNLE	02.7	MIL	Bathurst, FF, r\$ Calais, ID Moncton, R-C	886
2100	CDAP	92.7	ND	Monoton R-C	1029
2100	TROU	80.5	22	FF,R-C mono,// CBAF	
7/1		07.3	100	11,11 0 1101101/1 02111	
	KIVY	92.7	TX	Crockett, ID	1019
	KJVC			Marshfield, local ad	904
	WMMO	92.7	MT	Charlotte, MMQ, r	571
				Minneapolis, calls	994
2028	WECL	92.9	WI	Elk Mound, calls, AC	924
2037	unIn	95.3	3 27	KJ-95	
2046	WJJO	94.1	23	where is this?	

	00.00	or other 11-	639
2050 WNUA		IL Chicago, calls 4N Rochester, ID, CHR	926
2051 KROC 2100 KWIT		IA Sioux City, K-Wit	1046
2100 KWII 2100 KTPF		IA Fort Dodge, calls	949
2100 KIPP 2100 WIUN	01 3	IL Macomb, ID	725
2114 KRRI	03 7	IA Carroll, calls	972
2134 KSYZ		NE Grand Island, Suny10	
2135 KEXI	106 7 1	NE Norfolk, calls, satA	
2135 KAM	104.5	NE Cozad, 1042 Country	1203
2139 KOG/	99.7	NE Ogallala, AC, ad	1297
		MN Marshall, calls, CHR	1081
		NE Beatrice, The Eagle	
7/5 tr	TO ESTABLISH		
0639 WMJ	R 107.7	VA Warrenton, calls	209
0641 WWM	M 107.3	SC Anderson, area menti	on 242
0649 WKS	F 99.9	NC Asheville, Kiss FM	218
0701 11012	0 00 0	wa a 11a	6.1
U/UL WQF	5 90.0	NC Greensboro, calls	
0720 WNC	₩ 88.7	NC Greensboro, calls NC Spindale, wx	
TRAVEL D	X:	NC Asheville, Kiss FM NC Greensboro, calls NC Spindale, wx	182
6/26 Es between All logg Mileages	X: heard wh Pilot Mo ings on are fai	ile driving north on US untain, NC and Cana, V Oldsmobile car stereo. rly close, probably wi	182 3 52 A.
TRAVEL D 6/26 Es between All logg Mileages 5 miles	X: heard wh Pilot Mo ings on are fai or less.	ile driving north on US nuntain, NC and Cana, VA Oldsmobile car stereo. rly close, probably wit	182 3 52 A. thin
TRAVEL D 6/26 Es between All logg Mileages 5 miles 1053 KMO	X: heard wh Pilot Mo ings on are fai or less. R 92.9	ile driving north on US uuntain, NC and Cana, VI Oldsmobile car stereo. rly close, probably with NE Scottsbluff, calls	1310 910
TRAVEL D 6/26 Es between All logg Mileages 5 miles 1053 KMO	X: heard wh Pilot Mo ings on are fai or less. R 92.9	ile driving north on US uuntain, NC and Cana, VI Oldsmobile car stereo. rly close, probably with NE Scottsbluff, calls	182 3 52 A. thin
TRAVEL D 6/26 Es between All logg Mileages 5 miles 1053 KMO	X: heard wh Pilot Mo ings on are fai or less. R 92.9	ile driving north on US uuntain, NC and Cana, VI Oldsmobile car stereo. rly close, probably with NE Scottsbluff, calls	182 3 52 A. thin
TRAVEL D 6/26 Es between All logg Mileages 5 miles 1053 KMO	X: heard wh Pilot Mo ings on are fai or less. R 92.9	ile driving north on US uuntain, NC and Cana, VI Oldsmobile car stereo. rly close, probably with NE Scottsbluff, calls	182 3.52 A. thin 131 91 k 850 104
TRAVEL D. 6/26 Es between All logg Mileages 5 miles 1053 KMO 1125 KTG 1130 KTR 1135 KQM 6/29 Es	X: heard wh Pilot Mo ings on are fai or less. R 92.9 HL 92.9 X 93.5 IA 92.5 in Kings	ile driving north on US untain, NC and Cana, VA Oldsmobile car stereo. rly close, probably with NE Scottsbluff, calls NE Beatrice, EBS test MO Tarkio, calls, mono KS Phillipsburg, calls sport, TM:	182 S. 52 A. thin 131 91 k. 85 104
TRAVEL D. 6/26 Es between All logg Mileages 5 miles 1053 KMO 1125 KTG 1130 KTR 1135 KQM 6/29 Es 1718 ???	X: heard wh Pilot Mo ings on are fai or less. R 92.9 L 92.9 J 93.5 A 92.5 in Kings	ile driving north on US uuntain, NC and Cana, VI Oldsmobile car stereo. rly close, probably with NE Scottsbluff, calls	182 3.52 A. thin 1310 910 k 850 1040

0823 WMGM 103.7 NJ Atlantic City

June was a very big disappointment as far as DX goes. I can't remember receiving so little DX in any June! Not much skip, and very little tropo also. Hope the start of July is a good sign for what July may hold (but I guess we know now as we read the VUD how it turned out, hi) in the DX department. As for my travel DX, something possessed me to check for skip, and sure enough there it was! I pulled off the road and grabbed my FM Atlas out of the trunk and caught a little skip. Unfortunately I was about halfway between Raleigh and Kingsport so I couldn't get to either to log some of this. When I got to Kingsport about 1400 things were fading out on TV. My logging of WSCQ marks #700 for the Kingsport log. Raleigh total is now up to 357. I set a goal of 500 by the end of summer awhile back. It looks unlikely now. 73's.

Moith D. Duck 227 Martin Ct. New Hors M. 20	5760
Keith D. Pugh, 227 Martin St., New Hope, AL 35 Equipt: McIntosh MR-78, Probe 9	7700
- [10] -	The Wild Conference of the Con
6/2 ms	6/3 Es
2307 WLTI 93.1 MI Detroit, prev. Es	1509 unID 95.3 "Feme Globo"
6/3 Es	f/out 1510
0038 KPSDt 97.1 SD Faith	
0050 KRCS 93.1 SD Sturgis, k, ID	6/9 Es
0054 KKMK 93.9 SD Rapid City, "Magic 93.9"	1800 WWJO 98.1 MN St. Cloud, wx
0101 KILI 90.1 SD Porcupine, s/off	1802 KGCH 93.1 MT Sidney, "93 country"
1138 RJR 90.5 Jamaica, talk, \$	
	1806 KYYZ 96.1 ND Williston, r,"Laser 96"
	1809 WQDY 94.5 ND Bismarck, k, ID
1141 FAME-FM 95.7 , Reggae, \$	1813 KMHA 91.3 ND New Town, city ref.
1141 unID 91.5 ,//95.7 FAME	1814 KZZY 103.5 ND Devils Lake, "lake Region"
1146 JBC 98.7 Jamaica, \$	1815 KZPR 105.3 ND Minot, wx
1146 JBC 103.9 ", \$	1820 KBQQ 99.9 ND Minot, "KBQ-100"
1150 RJR 104.5 ", \$	1823 KESD 88.3 SD Brookings, wx warning
1156 IRIE-FM 105.5 ", &, ID,//107.7	1833 KYYY 9219 ND Bismarck, city ref.
1157 IRIE-FM 107.7 ", \$, ID	1836 KVLRt 95.7 ND Langdon, open carrier
1158 RJR 101.3 ", \$, ID, g prog.	1842 KNEB 94.1 NE Scottsbluff, ID
1200 JBC 97.1 ","JBC Radio One", \$	1851 KACV 89.9 TX Amarillo, ID
1210 R.Wave 102.9 ", "R. Waves, Super Hot	
102.9"	1901 XHSAB 89.5 NL Sabinas Hidalgo, "S-A-B FeMe"
	6/10 Au
1213 JBC 92.1 ",\$,b //91.1	2219 MUF 99.9 at tune in
1218 CUBA . 93.5 Santa Clara, \$	2222 WQZKt 94.1 WV Keyser, rp
1222 KLAS 89.9 Jamaica, "FM-89", ID, \$	f/out 2223
1235 WFKZ 193.1 FL Plantation Key, ID	6/20 Es
1236 unID 103.9 SS, S	1047 unID 91.5 pr, "Boston U.", \$
1240 R. Bahama 107.1 Bahama, mono, r	1054 WORI 88.3 RI Bristol, rp?, ID
promos	1058 WPXC 102.9 MA Hyannis, Cape ads
1241 JBC 100.3 Jamaica, wx, \$	1059 WHCF 88.t ME Bangor, q
1242 MUF 108.5 VOR	
1246 WXDJ 95.7 FL Homestead, SSad/Miami	1100 WWFM 89.1 NJ Trenton, ID
1250 WKZY 92.5 FL La Belle, k, ID, ex 92.1	1102 WLNG 92.1 NY Sag Harbor, ads
	1105 WMUA 91.1 MA Amherst, p, ID
1251 WRXK 96.1 FL Bonita Springs, "96K-Rocks"	6/26 Es
1253 WHEW 101.9 FL Fort Myers, k, ID	1039 KRCS 93.1 SD Sturgis, wx, ID
1256 WGMX 94.3 FL Marathon, ad	1056 WGGL 91.1 MI Houghton, "upper pen."
1258 WZMQ 103.9 FL Key Largo, ID //WCMQ 92.3	And a street of the street of
1301 WRTO 98.3 FL Goulds, SS, \$, ID	6/29 ms(rev. Es)
1305 WOCS 88.9 FL Fort Pierce, Vero Beach wx	1326 KGOR 99.9 NE Omaha, "attention NE"
1306 WDNA 88.9 FL Miami, ID	Es
1308 104-5 104.5 Bahamas, r, "\$104.5 FM", ads	1339 WMBR 88.1 MA Cambridge, ID
1309 WIRK 107.9 FL W. Palm Beach, ID	1341 WRSU 88.7 NJ New Brunswick, ID
1313 WGYL 93.5 FL Vero Beach, b, ID	
	1359 WAMC 90.3 NY Albany, member stations
1315 WCMQ 92.3 FL Hialeah, "FM Noventa	list.
y dos"	1400 WVIA 89.9 PA Scranton, xltr list
1319 WMCU 89.7 FL Miami, ID	1401 KGNC 91.5 CO Greeley, ID
1320 WEOW 92.5 FL Key West, "Wow 92.5"	1402 WEVO 89.1 NH Concord, "NH Pub. Radio"
1326 WSRX 91.5 FL Fort Myers, promo	1413 KLYT 88.3 NM Albuquerque, "NM's Lite"
1327 WAYJ 88.7 FL " "	1420 KMOR 92.9 NE Scottsbluff, ID
1330 WQLM 92.9 FL Punta Gordo, wx, Lite 93	1110 11101
1334 WAVW 101.7 FL Vero Beach, Wave 101.7,k	6/30 Es
1341 WCTH 100.3 FL Plantation Key, Ketch FM	0855+ many FF unIDs
1347 WAFG 90.3 FL Ft. Lauderdale, ID	
1348 WKPX 88.5 FL Sunrise, ID	0859 CBZCt103.3 NB Bon Accord, "CBC Radio"
	0904 unID 89.5 "R. Canada", mono, FF
1400 WXEL 90.7 FL W. Palm Beach, ID	2331 more FF unIDs!
1413 CMJP 88.3 CUBA, "Ciego de Avila" ID	Nice to finally hear the Bahamas. 107.1
1426 WVIJ 91.7 FL Port Charlotte, ID	was a tent. Bahama for me in 1989. This
1445 WKRY 93.5 FL Key West, "Key 93"	time "Radio Bahamas" was heard. Their audio
1508 XHPP 93.5 ?? not XHBB as earlier	The state of the s
raparted	cont

```
SOUTHERN FM DX
                                         Pugh, con.
is terrible, very high pitched. Thanks to Chris Dunn, who confirmed that "Radio Cayman"
does indeed exist on 91.9 from Cayman Island with 250w(5/29 July report),
```

Chester 1	Royster,	RFD Bo	ox 223,	Freeman,	VA	23856
Equipt .:	Pioneer T	X-8100	IF modi	fied) &	FM	13 at 25'
7/1 Es	(EDT) 1735	KCBI	90.9 TX	Dallas,	ID	1200

0904 WSKX 106.9 VA Suffolk, r

1952 WACO 99.9 TX Waco

Phila not heard.

6/3 tr

1959 KRTS 92.1 TX Seabrook

0100 WHRO 90.3 VA Norfolk, ex 89.5, real

lopsider tonight, all Tidewater strong;

Ocean City, MD so-so, Atl. City weak and

Eric Sundius, 6861 Tassajara Rd., Pleasanton, CA 94588

Hope to stagger stack 2 FM 13s by the next reporting period. In stagger stacking the upper antenna is spaced one quarter wavelength ahead of the lower one. This technique allegedly provides a 10 to 20 db increase in front-to-back ratio. Will see what effect this technique will have on forward gain. 73's

Jeff Wolf, 1131 University Blvd. W., Apt.	. 701, Silver Spring, MD 20902
Equipt.: Sears AM,FM,TV band radio	6/7 Es
5/29 Es (EDT)	1827 KGNZ 88.1 TX Abilene
1947 KNTU 88.1 TX Denton	1830 KNTU 88.1 TX Denton
2000 KGNZ 88.1 TX Abilene	7/1 Es
2108 f/out	2114 MUF 92.9 or 93.1
Bill Townshend, 4500 Conn. Ave., NW #901, Equipt.: Radio Shack Portavision 55	, Washington, DC 20008
5/16 tr	5/16 tr
0855 WKXW 101.5 NJ Trenton	0920 <u>WEAZ</u> 101.1 PA Philadelphia
0858 WKSZ 100.3 PA Media	5/30 tr

Gus Mancuso, 5615 Inwood St., Hyatts, MD 20	785 301-773-3072
5/29 tr	6/15 tr
0048 WBOP 106.3 VA Churchville, sta. #275	0332 WHP 97.3 PA Harrisburg, opposite of
From behind shop center in Gaithersburg	6/3, now due north strongest usually get
just within 25 mile radius. Building forms	WGH ~ WBSS
perfect(concave)corner, only n.w. quadrant	0336 F 92.7 PA Starview(local WMJS off.
open, lowering gain to s. and e., in this	over WOBN, WGMB + WCDX
case WCEM 106.3 MD.	0355 WANV 99.7 VA Staunton, unreported
5/29 Es (from home)	power boost, 3 to 50 kw
1716 KBHT 93.5 TX Crockett	6/16 tr
1720 KJEF 92.9 LA Jenning	1800 WVTU 89.3 VA Charlottesville, local
1803 KVFF 94.1 TX Brenham	WPFW off
1829 KVET 98.1 TX Austin, (new calls)	6/16 Es
1846 KLUX 89.5 TX Robstown	1829 WMAB 89.9 MS St. College, pulsing over
1909 KKRX 98.1 OK Lawton	/under semi-local WOEL. Trop strong in
1910 KLUR 99.9 TX Wichita Falls	direction of skip catch(Hey, Tim!!!).
1926 KTCS 99.9 AR Ft. Smith	Rarely heard WXCY 92.1 loud.
1930 KEDT 90.3 TX Corpus Christi	
1932 KZOC 92.9 KS Osage City	This first opening of coseen unusual in

This first opening of season unusual in 3 ways. First , cloud seemed enormous, covering parts of 5 states with no noticed movement. Several times two skip stations on same freq. would alternate superiority every few seconds. Opening ended early (2130-2200 being normal close). Also, Philly and Norfolk trop usually "full strength"

during evening skip openings, blocking some freqs., but they were only average today. So, I actually got more today than in stronger openings such as famous 7/4/89 skip. Also, noticed on TV that a weather front is on the western edge of area DXed. I saw in 7/91 VUD almost everyone got something today, esp. from n.e. USA.

Equipt.: Home: Marantz SR 440 receiver(IF m	nodified), six element FM antenna on a steep
hill 150' above house, RG6 downlead. Work:	HeathKit AJ 1200 tuner (IF modified), TV dipole
antenna mounted on roof of two story building	
6/1 Es PDT	6/1 Es
1818 KIXY 94.7 TX San Angelo, r, calls	1945 KMGA 99.5 NM Albuquerque, Alb. refs.
1845 KNIN 92.9 TX Wichita FAlls, r, calls,	2000 KATP 101.9 TX Amarillo, r, ID
"Power 92.9"	2000 KACV 89.9 TX Amarillo, r, ID
1900 KRIN 94.3 NM Raton, r, ID	2008 KPUR 107.1 TX Canyon, o, calls
1905 KEBC 94.7 OK Oklahoma City, k, calls	KDCK 95.5 KS Dodge City, r, wx, "K-95"
1907 KUNM? 90.5 NM Relay station?, x lator?	unID 95.5 "Country Giant"
1935 KTZA 92.9 NM Artesia, o, "Star 93"	6/12 Es (work location)
1935 KRWN 92.9 NM Farmington, Farm.refs.	0815 KLAQ 95.5 TX El Paso, r, ID, cont

reported

SOUTHERN FM DX

94"

KTZA 92.9 NM Artesia, "Star 93"

KBCO 97.1 NM Roswell, calls

KMGN 93.9 AZ Flagstaff, wx, calls

0856 KHEY 96.3 TX El Paso, ID 0857 KLLL 96.3 TX El Passo, ID 0910 KMSN 98.7 NM Maljamar, relay of KENW

6/12 Es (work location)
0926 KOAY 92.7 NM Tucumcari, calls
KPSA 92.7 NM La Luz, r, calls
0948 KTSM 99.9 TX El Paso, calls
0952 KPAS 103.1 TX Fabens, calls

1000 KENA 97.5 TX E1 Paso, SS, ID

XHUAR 106.7 Juarez, SS, "Estereo
Norte", Juarez, refs.

XHGU 105.9 Juarez, SS, Juarez refs.

XHTO 104.3 Juarez, SS Juarez refs.

Christopher S. Dunne, 21541 NW 8 Ct., Box 81, Pembroke Pines, FL 33029

Equipment: JVC RA302BK mod. w/ 150kHz filters (thanks to Bruce Elving)

GE Superadio II modified w/ 150kHz filter* + another one w/SCA (tnx again BE)

DAK MR-101s (to check AM parallels)*

Archer 6-element FM antenna (installed)

Another Archer 6-element FM antenna (portable)*

Well, the Es were rather subdued this month, but still one good opening came on June 12 to Monterrey & Tampico, Mex. (Anyone who can clue me in as to my unIDs below is welcome to write.) Another good <u>long</u> opening to MI's "U.P."

Time Call Freq. St Location, details Mil	es Time Call Freq. St Location, details Miles
0930 KTLS 93.3 OK Ada, ID 10 KWKH 94.5 LA Shreveport, ment. Bossier, so strong I heard it	15 1100+unid 91.9 Mex., another "Estereo Vida"! + unid 94.5 TA Tampico, "Super Estelar"
on 94.3, "Totally Useless Trivia" 8	70 6/13 Tr 0900 WTLG 88.3 FL Starke, ID 260
1015 KQXX 98.5 TX McAllen, SS ID 10 1016 unid 97.7 g, SS, MONO - KBMI? 1036\$XEW± 97.7 TA Matamoros, "W-FM" 1040 unid 104.9 g, SS - KMFM? 1043 XHMF 104.5 NL Monterrey, SS,	200 6/14 Tr 1045\$\[\] \
+ \$XHXL 91.7 NL Monterrey, SS, "XL Estereo Noventa (sic)",	"A-One-A, the Party Pig" not to be confused w/ WFIZ Tampa 93.3, the "Power Pig" 310
+ \$XHSRO 92.5 NL Monterrey, SS, "Monterrey" 1' + XHRL 98.1 NL Monterrey, SS,	190 6/15 Tr 0010 WSOS 105.5 FL St. Augustine, "SOS" 250
1100\$XET 94.1 NL Monterrey, SS,	7/1 Es 1639 WIAA 88.7 MI Interlochen, city ment, many times 1230
1'd say XHQQ 1 + ?? 104.5 Open carrier + unid 99.7 SS - probably XHSP + XHJD 98.9 NL Monterrey, SS,	190 1645 WCXT 105.3 MI Hart, ID 1180 1647 WGLL 97.1 MI Escanaba, ID 1330 1656 WYKX 104.7 MI Escanaba, ID 1330 1814 XHPF otra vez
"More Than Words", ment. NL 1 + XHFP 93.5 SS ID - <u>vDonde</u> ? + \$unid 97.7 <u>TA</u> SS from Tampico, Mex "Estereo Noventa y	190 XHMU : otra vez! 7/3 Tr 0859 WKTZ again
Ocho", got its SGA too (M @ 67) on 2nd Superadio II 1 + XHMU 90.1 TA Tampico, SS,	100

*DXpedition to Boca Chica Beach, FL (8 miles E of Key West): Heard 5 of 9 Havana FMs (distance approx. 90 miles) listed on p. 22 of 7/91 VUD! They were: 90.3 kadio Progreso (//AM 640), 92.1 kadio Rebelde (//550), 95.1 CMBF (//950), 95.9 kadio Reloj (the weak one, //590), and 97.7 COCO (//980). Muchas gracias to: God, as always; Jim Renfrew and Greg Coniglio, for providing the list in the VUD; and to Amy Gruis, for (1) keeping me company on the drive to & fro, and (2) putting up with my DXing, including helping me put up the antenna and monitoring signal strength!

Setenta y tres, cd

Doug Allen, w2crs, P. O. Box 5646, Woodland Park, CO 80866 Equipt.: Onkyo T 4087 and various Pioneer tuners(all IF modified), FM-13 at 50 ft. 5/20 Es 1300 KLON 88.1 CA Longbeach, ID 560 0732 KFKF 94.1 KS KC 2126 CBOC 97.7 BC Vancouver, FF 0733 KCMO 94.9 MO KC, wx 563 2130 KMPS 94.1 WA Seattle, k 0738 KMKF 101.5 KS Manhattan, "101.5 K-Rock" 2133 CKKS 96.9 BC Vancouver, "KISS FM" 0742 KOLA 103.9 KS Ogden, ads, "Q104", KS#58 2138 CBYK 94.1 BC Kanloops 2032 KEWE 97.7 CA Oroville, "Keewee FM" 2140 CBTA 94.9 BC Trail 2143 KFAE 89.1 WA Richland, ID 2033 KWCD 107.3 CA Grover City, "CD 107" 2046 KABL 98.1 CA San Francisco, ID 2145 KNHCt 89.5 WA Seattle 2153 CJJR 93.7 BC Vancouver 2051 KSJO 92.3 CA San Jose, ID 2211 KFFM 107.3 WA Yakima 2052 KCOR 94.5 CA Ellwood, ID 2217 KOTY 106.5 WA Richland, Y106" 2053 KDB 93.7 CA Santa Barbara, cl ID 2238 KXL 95.5 OR Portland 2057 KEWB 94.7 CA Anderson, ads 2241 KMEL 106.1 CA San Francisco, ID 2101 KAZU 90.3 CA Pacific Grove, ID 2248 KKSN 97.1 OR Portland, "Classic oldies 2110 XHFGt107.3 BN Tijuana, SS KKSN" 2249 KXIQ 94.1 OR Bend, ads, "Q94" 2128 KCNT 88.1 NE Hastings, g, //94.9 KJLT 2250 KMPS 94.1 WA Seattle, k 2130 KUDL 98.1 KS KC, unusual evening tr 2254 CKUA-1 93.7 AB Calgary 2300 KZDN? 98.1 ? ID 2257 CKUA 94.9 AB Edmonton 2306 KMBR 99.7 MO KC 2258 CJUA-13 91.3 AB Drumheller 6/2 tr 2300 CKUA-6 101.3 AB Red Deer, ID, 0415 KSYZ 107.7 NE Grand Island, "Sunny 108" last four // 5/21 Es 0800 WRVL 88.3 VA Lynchburg, ID 0817 WXLK 92.3 VA Roanoke, "K92" 0640 WUWF 88.1 FL Pensacola, ID 0641 WRBH 88.3 LA New Orleans, reading 1151 WLWI 92.3 AL Montgomery, k 0642 WTYL 97.7 MS Tylertown, ID 6/6 Es 2031 CBUF 97.7 BC Vancouver, FF 19 7 KELT 94.5 TX McAllen, "K-LIGHT", ads 2037 KNHC 89.5 WA Seattle, "C 89 FM" 19. KVMV 96.9 TX McAllen, g, ID 1930 XLEW 97.7 TA Matamoros, SS, ads, wx 2040 CJJR 93.7 BC Vancouver, "JR Country" 2045 KOZI 93.5 WA Chelan, ID 1934 KNGV 9217 TX Kingsville, ID 2043 KATS 94.5 WA Yakima 1950 KBFM 104.1 TX Edinburg, "B104" 2053 KMGI 107.7 WA Seattle, ID 1955 XHMW 102.3 TA Nuevo Laredo, EE & SS, ads 1956 KZFM 95.5 TX Corpus Christi, ID, "Z95" 2124 CKKS 96.9 BC Vancouver, "97 KISS FM" 1959 XHMLS101.5 TA Matamoros, ID 5/27 tr 2000 KBIC 102.3 TX Alice, promo 0305 KWIN 95.5 OK Tulsa, k "K 95" 0305 KLMK 107.3 OK Poteau, ID 630 miles 2002 KNCN 101.3 TX Sinton, "C101", Corpus 0307 KMOD 97.5 OK Tulsa Christi's rock and role legend" 2006 KSOX 101.7 TX Taymondville, "KXOX" 0310 KTFX 103.3 OK Tulsa 0312 KMYZ 104.5 OK Prvor, "hot new Z 104.5" two syllables 0710 KLMK 107.3 OK Poteau, in/out of noise 2010 KCTMt103.1 TX Rio Grande Ctiy 1715 KISRt 93.7 AR Fort Smith, in/out of noise 2014 KJAV 104.9 TX Alamo, g, SS 2016 KIBL 104.9 TX Beeville, k, ID 5/28 tr 2121 KBOP 98.3 TX Pleasantville, k, ID 1142 KUDL 98.1 KS KC, ID 560 miles 2026 KSMG 105.3 TX Sequin, "Magic 105 FM" 1146 KCMO 94.9 MO KC, ad 563 miles 2054 KWVS 97.5 TX Kingville, ID 5/29 tr and ducting 2059 KSTX 89.1 TX San Antonio, ID 0113 KWEN 95.5 OK Tulsa, "K95" 0604 KTUF 93.7 MO Kirksville, "KTUF 93" 2106 KAMV 92.3 TX Victoria, ID 2114 KKMJ 95.5 TX Austin, ID, "Magic 700 miles station #800 0606 KRXL 94.5 MO Kirksville, "the X94 and 95.5 KKMJ" 700 2114 KLBJt 93.7 TX Austin a half" 605 6/9 Es 0608 KAAN 95.5 MO Bethany 0614 KRES 104.7 MO Moberly, wx,ads 685 2120 CBUF 97.7 BC Vancouver, FF 0616 KCFM 107.3 MO Lexington, "Kansas 2122 CFOX 99.3 BC Vancouver 2130 CBU 105.7 BC Vancouver, cl, promo City's 107" (duct right over KS; KS stations weaker 6/10 ms & gw from Pikes Peak 1006 KUWS 91.3 WI Superior, ID than normal!) 1600 K201BN 88.1 CO Ridgeway, KJOL ID, from 5/31 tr & ms 0655 KUDL 98.1 KS KC, ID Pikes Peak here on 563 0658 KXXR 106.5 MO KC 1715 KRJY 101.3 NM Albuquerque, ID 1717 KLSK 104.1 NM Santa Fe, ID 0659 KTPK 106.9 KC Topeka, ID 1752 KHFM 96.3 NM Albuquerque 0700 KCVS 104.9 KS Salina, ID 1803 KZKL 101.7 NM Rio Rancho 0701 KYYS 102.1 MO KC 1809 K216BY 91.1 CO Canyon City, KTLF 0703 KZKX 96.9 NE Seward, LD xlator, 00 #115 0710 KMBR 99.7 MO KC "Lite 99.7 fM" 0713 KCAY 95.9 KS Russell 1830 KSFR 90.7 NM Santa Fe NM #18 0719 KRPS 89.9 KS Pittsburg, wx 6/12 Es 0723 KRIT 96.9 IA Davenport, 15 sec. burst, ad 0620 KBNR 88.3 TX Brownsville, g, SS

cont.....

Aller SOUTHERN FM DX 6/12 Es 0621 KELT 94.5 TX Harlingen, "K-Light" 0626 WZFM 95.5 TX Corpus Christi, "Hot Z-95" 0630 KNGV 92.7 TX Kingsville, ID 0635 KVWGt 95.3 TX Pearsall? "KZ93 & KZ95" 0635 KVMV 96.9 TX McAllen, g, ID, "sister station KBNR" 0816-0830 SS on 90.7, 91.7, 92.3, 95.5, 96.9, 97.1, 97.7 0830 XHBIO 92.3 JA Guadalajara,ID 0835 XHOY 90.7 JA Guadalajara, Plaza del 0835 XHRO 95.5 JA Guadalahara 0837 XHPI 93.1 JA Guadalajara 0839 XEBA 97.1 JA Guadalajara, wx 1046 KJICt 88.1 TX Pasadaena 1100 XHTAt 94.5 CL Piedras Negras, no ID 1100-1130 SS on 94.5, 96.9, 98.1 1132 KHOY 88.1 TX Laredo, Webb County psas 0647 WDJC 93.7 AL Birmingham, ad 0447 ???? 98.1 ? "Oldies 98",10 sec. 0758 KWFX 93.5 OK Woodward, ad 0802 KKBS 92.7 OK Guymon, ID May was above average for tr and Es; June

average for Es and disappointing for tropo. Missed what probably was the best June Es opening, Sunday afternoon, June 9, DXer Todd Brandenburg and I were operating the ARRL VHF DX contest from here. He worked over 40 on six meters. I worked NC on 144 Es. The week before the contest I added a

10 foot section to one of my towers, and now the FM-13 is up 50 feet at the top of the mast! The opening to the north on 6/19 was thrilling with at least one double hop--almost to Alaska! Guess AK, Yukon and NWT are possible from here, though I never considered it before!

2200 KLYN 106.5 WA Lynden, g, ID

AB on 144 mHz.)

During next half hour made 13 contacts into WA

on 144 mHz! Had earleir at 1922 worked into

Todd and I DXed from 14,110 foot Pikes Peak on June 10 in one memorable trip. The summit is only 8 miles(as the raven flies) from my house, but it took almost two hours to get there. we drove the 19mile toll road to the summit and set up a 6 el. Finco antenna and had several tuners and a FM receiver & a 115-12 volt transverter. After blowing three fuses and having only two left, we finally got the contraption working as a snowstorm hit. Todd, as armstrong rotor, didn't mind freezing his fingers, but refused to continue when the lightening got close! Our equipment was being overloaded by the nearby transmitters on Cheyennne mountain anyway, so we quickly packed and headed through the snowstorm, including 3 inches of new sow, and fog to a lower location on the southwest side of the mountain at about 13,300 foot elevation. When the storm passed we set up again and logged a few dozen stations, the new ones included above. Those were expensive new stations as it turned out! Our front axle(CV) broke only a few hundred yards from where we had set up. We coasted twelve miles down the mountain riding the brakes, but without power brakes or power steering! There were 1000 foot dropoffs and no guard rails most of the way down! If the brakes failed we were ready to bail out. Twice on short uphills we jumped out and pushed the van over the hump! Finally, there was an uphill we couldn't push over. We left the van, smoking brakes and all for AAA to pick up the next day and hitched a ride home. When I got home I realized the Denon tuner was in APR mode while we were DXing on the mountain. No wonder we had disappointing results; we were in wide IF mode the whole time! Great trip! So who wants to join me for the next DXpedition to Pikes Peak? Your vehicle or mine? Good DXing and 73.

Carlo	n Howington	, 2822	12nd	Ave.	N.,	St.	Pete,	PL	33714	
3/5 E	irst Gulf o	pening o	of y	ear.	All	logg	gings	tr.		
1830	93.9 KMXR						2	3/5		
	107.9 KVLY,	Y-108						1933	92.1 KRTS, classical	
1835	107.5 KCIL,								94.7 KATG, CW	
	104.5 KKMY							2002	91.3 KVLU	
1001	102.3 KPCB,	K-Play						2015	96.3 KIEZ	
1007	94.3 KBAU	**7					1	2017	7 95.3 KZSP, oldies	
1307	96.5 KLTG,	K-Tite						2044	95.9 WBBN, B-95	
1021	106.9 KJZS,						1		100.9 KEPG, SS	
	105.5 KCGR	June					10	cont	t	

len, cont.	AUGUST 1991				
6/19 Es 0935 WRBH 88.3 LA 0950 CBQt 88.3 ON 1930 CKIK 107.3 AB 1932 CKUA4 100.9 A 1933 CKUA6 101.3 A 1934 CKUA2 99.3 A 1935 CKUA1 93.7 AB 1936 CKUA5 96.9 AB 1937 CKUA13 91.3 AB 1941 CBRt 102.1 AB 1947 CBUF7 93.7 BC 1948 CBUF3 96.9 BC (This double hop f Alaska border!)	New Orleans Thunder Bay, CBC Calgary, "107 KICK FM" B Grande Prairie 1302 B Red Deer 1006 B Lethbridge 838 Calgary 946 3 Peace Riverall CKUA// 1312 B Drummeller 937	SOUTHERN FM DX 3/5 tr 2045 103.5 KEYI, cw 2056 94.1 KQXY, EZ 2115 96.7 KHFI 2116 107.1 KGSR 2116 107.9 KNIC, cw 2129 98.3 KULM 2147 99.3 WEEZ 2206 101.7 KSOX, cw This is only a small part 102.1, KMXR 93.9, in all nigh	3/6 tr 0023 98.3 KORA 0028 101.7 KOKE 0040 105.5 KLFX 0123 95.3 KQKI 0628 98.3 KYYK of stations heard. Stations like t at local levels. TV full from the	, cw , New call Moss Point , gospel , The Fox , cw , c KQQK 106.5, KHCB 105.7,	KWJQ
130 wts. 2021 CFFM2 94.9 BC Williams Lake eve 2022 CFFM 97.5 BC 2024 CFFM1 99.7 I \$ 97.5 80 wts. 2026 CBTUt 89.9 BC 2041 CBUF 97.7 BC	Quesnel, Quesnel and ents, 175 wts. C Williams Lake, //94.9 C Mount Timothy,//94.9 C Timber Ridge	Equipt.: Onkyo T9090, Probe 9 6/29 Es 1929 WODC 888.3 VA Virginia B 7/6 tr 0904 KCHI 103.9 MO Chilicothe 0930 KUNQ 99.3 MO Houston, a 0939 KUKU 100.3 MO Willow Spr 0947 KCTT 97.7 AR Yellville,	### 32 ft. with rotor. 7/6 tx 1009 KKOZ 92.3 1030 KBFL 99.9 1 1036 KGEX 105.9 1 1051 KGM0 100.7 1 100 KEZU 104.7 1 100 KEZU 104.7	MO Buffalo MO Bolivar, calls MO Cape Giraudeau AR Boonville-Ft. Smith, No Longer KBSS.	170
2046 CHRK 97.5 B 2047 CBYK 94.1 B 2126 KGHO 95.3 W 2130 Vancouver st 2149 KOMW 92.7 W	C Kanloops	some mornings & see little si 1979 when I logged 25 station this year for some unknown re other states. I've had no success in spe	gn of Es, even on TV 2. Conditions for that meager year. Oklahoma eason. Probably a few others feel meding up the tuning on my Onkyo t	ns haven't been this bad was simply bypassed by t it's the same story in a uning. Modifying the rea	since the Es a few adout

I've had no success in speeding up the tuning on my Onkyo tuning. Modifying the readout to 1/4 channel increments slowed down the scanning speed to the point it took 35 seconds to cover the entire band. Compare that to about 5 seconds on my car stereo with full channel incrementation. In an experiment, replacing the O. a's crystal oscillator with a higher valued one rendered the tuner frozen and inoperable. Verything returned to normal after the original oscillator was returned, fortunately.

In my comments on KCMA last month, I meant to say that KCMA 92.1 Broken Arrow is Okla's only commercial classical FM station. Some how it didn't read that way last month, sorry.

Equipt.: Denon TU-800 tuner, Winegard anter	
6/3	6/30
1314 KULF 94.1 TX Brenham	2105 CIOO 100.1 NS Halifax
1317 KAGG 96.1 TX Madisonville	2106 CKTO 100.9 NS Truro
1327 KLTR 93.7 TX Houston	
6/29	7/1
1331 KUHF 88.7 TX Houston	0005 91.7 MN "Minnesota Public Radio"
1400 WKNZ 101.7 MS Collins, "Z-101"	1252 WLXT 94.1 LA Baton Rough
1412 WMMO 98.9 FL Orlando, "98-9"	1257 KIKT 93.5 TX Greenville, "Texas Proud
1423 WKYJ 106.1 MS Starkville , "KY-106"	1304 KDQN 92.7 AR De Queen
1432 WRMB 89.3 FL Boynton Beach	1304 KZOC 92.9 KS Emporia
1451 KTUX 98.9 LA Bossier City, "Tux-99"	1326 KDGE 94.5 TX Irving, "The Edge"
1511 KMJJ 100.1 LA Shreveport	2037 WHJT 93.5 MS Clinton
1515 KQUS 97.5 AR Hot Springs, "US-97"	2040 KXIT 95.9 TX Dalhart, "Q-96"
6/30	2043 WRVR 104.5 TN Memphis, "104 FM"
1300 ZFB-1 94.9 BERMUDA Hamilton	2045 WMGW 107.5 MS Jackson, "KIZ on 107 FM"
1334 VSB 106.1 BERMUDA Hamilton	2111 KVKI 96.5 LA Shreveport
	6/3
Given the Canadian CBC's ID policy, the	1314 KULF 94.1 TX Brenham
following Canadian listings are "best	1317 KAGG 96.1 TX Madisonville
quesses" based on what areas were heard	1327 KLTR 93.7 TX Houston
on the 50 mHz. amateur band during the	79
same time period:	6/29
2039 CBHC 89.1 NS Truro	1331 KUHF 88.7 TX houston
2049 CBAF-27 88.7 NS New Glasgow	1400 WKNZ 101.7 MS Collins, "Z-101"
2050 CBAF-29 88.1 PEI Charlottetown	1412 WMMO 98.9 FL Orlando, "98-9"
2051 CBHN 89.5 NS New Glasgow	1423 WKYJ 106.1 MS Starkville, "KY-106"
2052 CBHA 90.5 NS Halifax	1432 WRMB 89.3 FL Boynton Beach
2053 CBAF-19 92.3 NS Halifax	1451 KTUX 98.9 LA Bossier City, "Tux-99"
2054 CBHY 92.1 NS Yarmouth	1511 KMJJ 100.1 LA Shreveport
2103 CBCT 96.1 PEI Charlottetown	1515 KQUS 97.5 AR Hot Springs, "US-97"

from Cayman Brac, one of 3 islands which make up the Cayman group. The station's address is P. O. Box 1110, George Town, Grand Cayman, British West Indies.

PH TO-NEWS

Continued from the July 1991 VHF-UHF DIGEST page 5 is Eric Voytko - McLean. Virginia DX photo contribution.



WUND-2 Columbia North Carolina 211 mile tropo seen May 16, 1991 at 0615 EDT (over WMAR-2 at 40 miles)



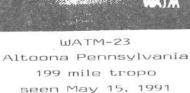
NTV-2 CITY UNKNOWN Cuba approximately 1050 mile E-skip seen May 20, 1991 at 1310 EDT

Next is: Greg Coniglio - Williamsville, New York. Equipment see July 1991 VUD ETVDX column page 14.



WBRZ-2
Baton Rouge, Louisiana
990 mile E-skip
seen May 20, 1991
at 1330 EDT

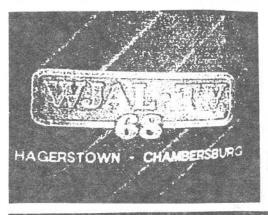
Thanks Eric. hope to see more from you.



continued on next page....

Greg Coniglio continued....

PHOTO-NEWS



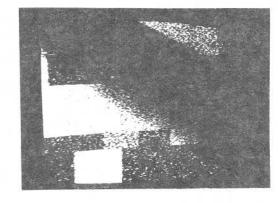
WJAL-68 Hagerstown, Maryland 217 mile tropo seen May 15, 1991



WVIA-44 Scranton, Pennsylvania 190 mile tropo seen May 29, 1991

Thanks Greg.

Lastly is me, Dave Nieman - Akron, New York. Equipment: RCA 19" b&w with Teknika 6510 tuner, Channel Master (CM) 36178 VHF at 23'. CM 7' UHF dish with Blonder-Tongue CMA-Ub preamp on crankup tower at 40'. Using RG-11 coax for both antenna.



W69??
CITY UNKNOWN
Pennsylvania
??? mile tropo
seen May 13, 1991
at 0700 EST
WNEP-16 Scranton, PA translater

Till next time,

DAVE

Fred McCormack Box 17860 St. Paul MN 55117-7860

Deadline: 09-12-91 Cut-off: 06-01-91

While my personal view is that E skip activity in June was pathetic, that didn't stop this month's reporters from logging something on all but five dates. E skip was reported on June 1-4, 6-14, 16-21, 24-27, and 29-30.

This month we welcome two new reporters to Western TV-DX. Tim Hall from San Diego is new to the club and Robert Kramer from Chicago is back from a ten year break. I hope

to hear from you both regularly.

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

CBN - The Family Channel TNN - Nashville Network

VJN - Video Jukebox

CHA - Channel America

USA - USA Network

TA Tamaulipas

BN Baja California Norte CH Chihuahua

CU Coahuila

GR Guerrero NI Nuevo Leon SI Sinaloa

ZA Zacatecas

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

CDT

Western TV-DX

Equipment: See July 1991 Western TV-DX

13 tr 0600 WDKY 56 KY 480 9 Es 1707 WBRZ 2 LA 995 June 1991 W48AP 48 OH 275 3 MS 860 KXLFt 4 MT WLBT 2 Es 2025 3 TN 650 (Toledo LPTV) 1728 WREG 2059 KOUS 4 MT 1005 0615 WYTV 33 OH 420 3 TX 1065 1730 KBTX KTVQt 2 MT CBLFT9 53 ON 325 1745 WESH 2 FL 1125 KDUHt 4 NE Cleveland Us 355 WDIQt 2 AL KCWCt 4 WY 0630 Iron Mtn Us 100 unid channel 5 KWSEt 4 ND W54AR 54 WI 100 1755 KEMVt 6 AR KRTV 3 MT 1155 3 Es 0930 W57AR 57 WI 145 unids chs 4-6 3 NM 1145 1200 KENW 1800 KATC 3 LA 1030 Es PM no time to watch unids chs 2-4 16 Es 1224 unid ch 2 south WABGt 6 MS KPRC 2 TX 1115 1230 1727 WCBD 2 SC 900 2 LA 995 2137 unid ch 2 nw WBR7 4 SC 900 WCIV KIDK 3 ID 1245 4 TX 1200 WCSC 5 SC 900 KWSEt 4 ND KDFW 4 TX 965 1300 WWAYT 3 NC 2157 KXLFt 4 MT KXASt 5 TX WECT 6 NC 835 2245 CKKXt 2 AB KDTNt 2 TX WDRB 41(IN) 430 2056 unid ch 4 Canada 7 tr 0530 W30AL 30 IL 200 17 Es 2230 WUNDt 2 NC heavy - no IDs 10 au AM (Plano CHA) WCBDt 2 SC KOUSt 4 MT Es 1800 WDIQt 2 AL Es 2329 unid ch 3 FOX unids chs 2 & 3 WLBT 3 MS 860 (Arsenio Hall) 2342 all gone 2 LA 995 1830 WBRZ WYFFt 4 SC 11 Es 1210 KACV 2 TX 980 KDTNt 2 TX 19 Es 1215 KTWO 2 WY 945 1230 KAMRt 4 TX unids chs 2-4 w tr 2157 W15AM 15 MI 130 KCNC 4 CO 965 8 tr 1800 WBBM 2 IL 175 1425 KIDK 3 ID 1245 (Grand Rapids WHME-46) (Extra strong) 20 tr 0515 WNEO 45 OH 415 W40AK 40 MI 110 Es 1800 WDIQ 2 AL 890 0545 W33AX 33 WI 135 CHA) 1808 unid channel 2 (Muskegon TRN) WINM 63(OH) 245 (Madison WEAR 3(AL) 955 (See Note # 1) Iron Mtn Us 100 WEDU 3 FL 1185 W54AR 54 WI 100 1755 W69AV 69 MI 95 1815 WUFTt 5 FL WCMV-27) (Leeland (Fence WPNE-38) WKRGt 5 AL W69BT 69 IN 200 W57AR 57 WI 145 WJXTt 4 FL 1818 (South Bend WCIU-26) (Sayner WSAW- 7) WRBLt 3 GA K69BA 69 MI 100 1821 WCTV 6 GA 970 Es 2311 chs 2-6 w Canada WBAY- 2) CFCN 4 AB 1310 (Iron Mtn tr 2248 W66BD 66 IN 260 2158 W33AR 33 IL 170 12 Es 2031 unids chs 2-3 e (Fort Wayne TRN) WCIU-26) (Rockford 13 tr 0600 lower ON UHFs (Morse code ID) W45AJ 45 IL 165 WNEO 45 OH 415 Es 2305 CKSAt 2 AB (Rockford WEAO 49 OH 375 CFRNt 3 AB W62BU 62 IL 170 WPGHt 53 PA CITL 4 AB 1185 WWTO-35) (Rockford WSFJ 51 OH 405 CBXATt 5 AB WYMT 57 KY 550 2400 mostly gone

	-			
William Draeb (continued)	29 Es 1405	WDIQt 2 AL	30 Es 2328	
and the state value and the same		WTVYt 4(FL)	2331	WJXTt 4 FL
20 tr 2158 W68BR 68 IL 170	1430	KDTN 2 TX 965		
(Rockford WCFC-38)		KDFW 4 TX 965	July 1991	
W43AV 43 WI 105		KXAS 5 TX 965	1 Es 0520	unid channel 2
(Waukesha CHA)		KOETt 3 OK	0544 0545	KATC 3 LA 1030
21 Es 2300 unids chs 2-4 sw	1515	WBRZt 2 LA		@unid channel 3
24 tr 0513 W48AP 48 OH 275	1900	KOUSt 4 MT	0544	WEDU 3 FL 1185
(Spanish)		KYUSt 3 MT	0545	WPBT 2 FL 1340
20 tr 2158 W68BR 68 IL 170 (Rockford WCFC-38) W43AV 43 WI 105 (Waukesha CHA) 21 Es 2300 unids chs 2-4 sw 24 tr 0513 W48AP 48 0H 275 (Spanish) 26 tr 0450 CICO## 42 0N TVO	tr 2158	KTMA 23 MN 280	0548 0730	WESH 2 FL 1125
(Desbaratts)		KXLI 41 MN 310	0730	WBRZ 2 LA 995
(Desbaratts) 27 tr 2140 CKCO2t 2 ON CKVR 3 ON 385		(Above two //)	0930	WEAR 3(AL) 955
CKVR 3 ON 385	2206	KSAX 42 MN 385	1030	WEDU 3 FL 1185
(See Note # 2)	30 tr 0455	KFME 13 ND 500	1100	WTVY 4(FL) 940
unid channel 4		K24AF 24 MN 400	1100	WRRIT 3 GA
2201 WUTV 29 NY 440	(Alex	andria KSAX-42)	1153	WIFT' 5 FI
2217 CKNXt 8 ON		K25 25 ??	1300	WTVJ 4 FL 1340
unid channel 7	(Unkn	own // KSAX~42)	1500	WPTV+ 5 FI
(Midland ON ?)	0526	KDSDt 16 SD	2 Fs 0930	%CBFT2 3 PQ 580
CKCO 13 ON 350	0542	PKCCO 7 MN 380	E 12 0300	(See Note # 3)
2235 CITYt 57 ON	0730	BKAWR 22 MN 365		@CFAP 2 PQ 800
2240 CHNBt 4 ON	Fe 2025	unide che 2-4 e		(See Note # 4)
2245 CBOTt 4(PQ)	2250	WCBU 5 8C 000	0045	eCFRS 4 PQ 840
29 Es 1349 unid channel 2	2255	WWAY 2 NC REE	0340	(See Note # 5)
KENNT 2 NM	2200	WCAV 2 CA 020	1000	CUCI 4 ND 1020
VCDT 4 TV 1200		WOAY 3 GA 920	1000	CHSJ 4 NB 1230
1358 WEDU 3 FL 1185	0000	WCIV 4 SC 900	1100	WCAX 3 VT 720
1356 WEDU 3 FL 1165	2303	WAGAT 5 GA		WPIZE 5 NY
unia channel 6	2304	WCSC 5 SC 900	1218	CKSAt 2 AB
Cloum	2307 2312	unia channel 6		WPTZt 5 NY CKSAt 2 AB CBKFT2t 3 SK KBMEt 3 ND
1405 WPTVt 5 FL	2312	WESH 2 FL 1125		KBMEt 3 ND
WING 5 AL 950	2319	WSB 2 GA /55		
WEAR 3(AL) 955	2330	WRCB 3 TN 650		

Note # 1 - IDs heard at 0550 and 0600 in very slow Morse code with CCI making ID difficult.

Note # 2 - Snow free - only second time seen.

Note # 3 - Mt Laurier - European test pattern with "CBC MONTREAL" at the top.

Note # 4 - Quebec City - 3/4 color bars with "T.Q.S" across it.

Note # 5 - Jonquiere - 3/4 color bars with "T.Q.S." across it and the call letters and location below that.

E skip has been rather inconsistent, but a couple of good openings on June 30th which appeared to run continuously into July 1st (over 24 hours) and on the morning of

July 2nd made up for some of the boredom in May and June.

My AB-3 preamplifier conked out on my big tower. I think it was suffering from a case of "terminal rust." I replaced it with the CMA-HB (channels 7-13) and the system works better than ever. I don't get the infernal FM interference and the slop over problems I had with the AB-3 which was a broadband channel 2-13 preamplifier. Now, the high band antenna on the lower tower is inoperative as that's where I got the CMA-HB from. I still have the AB-300 preamplifier (and power supply) to use in case of emergencies, but it's in a drawer in my room. I could try it with my lowband antenna, but I think that would be counterproductive with locals on channels 2 and 5.

(I don't know of any Fox affiliates on channel 3. The only low band Fox stations I know of are KTVU-2, KHBC-2, KTBY-4, WTTG-5, KVVU-5, WNYW-5, and KIDY-6. The only channel 25 translator known to me which might fit your June 30th translator logging is K25DN a construction permit at Redwood Falls. It is unlikely they would put a translator on in parallel to KSAX-42 as they already have one and also have KRWF-43. However, perhaps they were just testing? fm)

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

PDT

August 1991

Equipment: See July 1991 Western TV-DX

M	ay	1	991					24	Es	0945	KTVU	2	CA	769	28	Es	2228	\$KNBC	4	CA	1048
2	2	Es	1342	\$KVBC	3	NV	986				KIEM							KCBS			
			1359	KNAZ	2	AZ	1137	27	UH	F-TV /	ANTENNA	BAC	K U	P			2300	XHBC	3	BN	1197
2	4	Es	0912	KCRA	3	CA	739	28	Es	2200	KVBC	3	NV	986	29	Es	0900	KMTVt	3	NE	

MDT

41	ke (Cherry	(conti	nue	ed)		4	Es	0856	KEYT	3	CA	1006	10	au	2000	KXLY	4	WA	300
-			MAN TROOPERSONS						0932	\$KVBC	3	NV	986				KREM	3	WA	300
Jui	ne '	1991						au	2328	CKCK	2	SK	855	12	Es	1145	KVBC	3	NV	986
1	Es	1800	\$KCRA	3	CA	739				(Audio	0	nly))			1157	KTWO	2	WY	926
		1830	KNAZ	2	AZ	1137			2330	CFCN	4	AB	441			1159	KNAZ	2	AZ	113
	au	1930	CBWFT	3	MB	1167	5	au	0600	CBKT	4	SK	792	13	tr	1032	KCKA	15	WA	184
		1957	KXJB	4	ND	1207				CKCK	2	SK	855				(Snow	fr	ee)	
3	Es	1100	KCRA	3	CA	739	9	Es	2000	KTVS	3	CO	1150			1035	Chs 2	4,3	2 OF	23
		1117	XHBC	3	BN	1197				KTWO	2	WY	926	17	tr	2305	KAYU	28	WA	299
		1129	KIEM	3	CA	562			2034	\$KWGN	2	CO	1096			2314	KXLY	4	WA	300
		1200	KVBC	3	NV	986			2100	KCWC	4	WY	833			2329	KREM	2	WA	300
		1230	KCCZt	4	UT				2144	KIDK	3	ID	637	18	Es	0631	KSWK	3	KS	1350

High solar activity and geomagnetic storms have diminished the amount of E skip openings so far this season. What openings do occur are into the same part of Arizona / California fairly frequently.

Locally there is another Knowledge Network translator located on the north part of the Island where I live. It is channel 44++ (18 kHz above zero). These educational stations don't use calls at all and are satellite fed. There are close to 100 of these 20 Watt erp translators operating throughout British Columbia.

UHF antenna was down for a few weeks in order to install the six element 6 meter beam. Hopefully, solar activity will die out enough to give us more E skip openings as the season progresses. 73's Mike, VE7SKA

Randy Miltier, 1068 Fairview Avenue, San Jose CA 95125 (KK6BO)

PDT

2000 unid ch 2 ABC

Equipment:

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

From Seaside OR:

Ju	ine 1991		2	Es	2015	unid 3	S	pan	sh	3	Es	1128	KTVU	2	CA	600
1	Es 1905	unid 2 Spanish	3	Es	1100	KNAZ	2	AZ	930			1140	XHBC	3	BN	965
	1930	KNAZ 2 AZ 930			1115	KVBC	3	NV	825			1149	KCBS	2	CA	900
Fr	om San Jo	se:														
Ju	ine 1991		12	Es	1157	KTWO	2	WY	905	24	Es	1356	KIDK	3	ID	649
9	Es 2100	unids chs 2-4			1159	KSWK	3	KS	1120			1400	KREM	2	WA	749
12	Es 0740	XEPMt 2 CH			1230	KTVS	3	CO	1039			1605	CKKX	2	AB	1023
	0754	XEJ t 5 CH			1240	unid c	h	2 CE	3S			1612	CKCK	2	SK	1095
	0756	KMID 2 TX 1170			1259	CKCK	2	SK	1251	25	Es	0928	KLNEt	3	NE	
	0800	KVIO 6 NM 1048			1300	KXMA	2	ND	1169			1830	KLNE	3	NE	1225
	0809	unid ch 3 ABC	13	Es	1130	XHQ	3	SI	1225				KTVS	3	CO	1039
	0812	KDBC 4 TX 957			1922	XHQ	3	SI	1225			1833	KWNB	6	NE	1144
	0829	KNAZ 2 AZ 603	14	Es	0810	XHQ	3	SI	1225			1835	KNOPt	2	NE	
	0839	unid ch 5 PBS				(s/on	@	0830))	27	Es	2218	CKKX	2	AB	1023
		(tent KNME, KTXT)	19	Es	2000	(See N	lot	e)		29	Es	0943	KKTO	2	NM.	861
	0853	KKTO 2 NM 861		Es	0900	KLNE	3	NE	1225			1130	KENW	3	NM	1060

Note - My wife told me channels 2-6 were a mess... but I was at work.

0900 KAMR 4 TX 1125 24 Es 1258 KTWO 2 WY 905

The trip-to Seaside, Oregon was somewhat productive TV-DX wise. Skip was best on the day we had to leave, but I guess that's Murphy. From Seaside, KNAZ-2 was seen on the 2nd and 3rd. KCBS-2, KVBC-3, XHBC-3 and a little audio from KTVU-2 was heard with KCBS-2. Not fantastic, but it was fun not knowing what would be coming in on the 12" black and white using a small dipole antenna. As for the month of June in general, I've seen better.

With all the TV and FM DXers that are hams, wouldn't it be fun to meet on the HF bands on a particular frequency to compare notes and make new friends. The idea would be to have a monitoring frequency that we all would monitor to see where in the country sporadic E is occurring. This is done on 28.885 for F2 openings around the world for 6 meters and VHF. I believe this would enhance the hobby of TV and FM DXing by making all members aware of openings as they're happening. Those that are not hams could listen for information on openings as they occur. Also, with the no-code ham license in effect now, many may want to get their ticket ... it's not very difficult (a 55 question test, texts Randy Miltier (continued) are available with question and answers used for the tests) to get your ticket and get on the air. Anyway, just a thought, it may prove to be interesting and a chance for many of us to talk about the hobby, i.e., equipment, catches, programming, etc. Until next time 73, Randy, KK6TQ

Doug Allen, P.O. Box 5646, Woodland Park CO 80866 (W2CRS) (719-687-3549)

1981 13" Magnavox black and white, Pioneer TVX9500 (IF modified), Channel Master 1110 with Channel Master 00095 preamplifier at 32'. UHF: Antennacraft P-7 with EUV preamplifier at 38'.

Ju	ne	1991					1	tr	2145	K50AA	50	CO	120	6	Es	0830	KIII	3	TX	890
									(Eads			KOAA	- 5)	13	tr	0520	KSNK	8	KS	241
1	tr	2140	K52AA	52	CO	120			2200	KSNG	11	KS	242	24	tr	0959	K42BGt	4	2 NE	
		(Eads			KKTV	-11)				KUPK	13	KS	256			(Scot	tsbluft		L	PTV)
		2142	K54AB	54	CO	120			2201	KTVC	6	KS	272			1000	KSTF	10	NE	221
		(Eads			KRDO	-13)	2	tr	0430	KAYS	7	KS	308							

Average amount of E skip for June, but as you can see, I didn't catch it on TV, but mainly on FM, six, and two meters. Best E skip was probably Sunday, June 9th, but was involved in ARRL VHF contest. Some 45 states and 5 provinces worked on 50 MHz which means the lower channels must have been hopping! E skip MUF hit 144 MHz here on June 9, 19, and

Tropo disappointing, way down from June 1990. Sterling channel 3 and Goodland channel 10 often very strong, but there seemed to be a wall at 250 miles most of the

73 and good DX, Doug

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

CST

Equipment: Wards 12" b&w Model GEN11235 (1984 vintage), UHF - RCA 13" (1987) EMR350E (color). Archer V-100 and 8-bay bow-tie UHF array at 20 feet with rotor.

Ap	ril.	1991					7	Es	2156	WFMY	2	NC	1175	20	Es	1725	WWAY	3	NC	1235
1	tr	2203	KPLC	7	LA	340	10	Es	2214	KTWO	2	WY	1010	21	Es	0558	KIMT	3	IA	1010
2	tr	0437	KLFY	10	LA	375	12	Es	1205	XHAP	2	GR				0627	KDLO	3	SD	1070
7	Es	1053	KVBC	3	NV	1050	14	Es	0917	WCBD	2	SC	1140			0630	KGAN	2	IA	960
		1059	KNAZ	2	AZ	845			0957	WPBT	2	FL	1150			0729	KUSD	2	SD	945
8	tr	0400	KSWO	7	OK	325			2059	KUTV	2	UT	1085			2128	KGFE	2	ND	1290
9	tr	0115	KPLC	7	LA	340			2220	KCBS	2	CA	1185	23	Es	2122	WBAY	2	WI	1185
		0120	KBMT	12	TX	285			2229	KEYT	3	CA	1295			2123	KUSD	2	SD	945
		0128	K17BY	17	TX	5			2321	XHBC	3	BN	1025	26	tr	0502	KTPX	9	TX	305
		(San	Antoni	0		LPTV)	16	Es	1034	XHAP	2	GR		28	Es	2112	KDLO	3	SD	1070
27	tr	0100	KXII	12	OK	330			1758	KTWO	2	WY	1010	29	Es		KWGN		CO	800
		0545	KTRE	9	TX	260			1803	KWGN	2	CO	800			1515	WAVE	3(IN)	955
28	tr	0328	KLFY	10	LA	375			2223	KDLH	3	MN	1245			1516	WDTN	2	OH	1075
		0510	KATC	3	LA	375			2250	KTVI	2	MO	780			1959	WSAZ	3	WV	1125
30	tr	0502	KTRE	9	TX	260	18	tr	0544	KSWO	7	OK	325			2120	WCBD	2	SC	1140
								Es	1117	XHBC	3	BN	1025	30	Es		WSAZ	3	WV	1125
Ma	y 1	991					19	Es	0855	KTVO	3	MO	830			1000	KDKA	2	PA	1295
1	tr	0210	KBMT	12	TX	285			0900	KGAN		IA	960			1026	WDTN		OH	1075
		0321	KSLA	12	LA	355			1310	WEDU	3	FL	995			1128	KTVK		AZ	835
		0358	KALB	5	LA	380			1629	WCBD	2		1140			1139	XHBC	3	BN	1025
		0410	KTRE	9	TX	260			2215	KTWO		WY	1010			1359	KGAN		IA	960
7	tr	0428	WAFB	9	LA	445			2300	KIDK	3	ID	1240	31	Es	1200	WSIL	3	IL	790
		0430	KLFY	10	LA	375	20	Es	0133	WDTN	2	OH	1075			1358	KREG	3	CO	850
	Es	1923	KDLH	3	MN	1245			0258	WWMT	3	MI	1160			1359	KTWO	2	WY	1010
		2150	WBTV	3	NC	1090			0301	KTVI	2	MO	780			1459	KWGN	2	CO	800

Any ID on the new local channel 17 LPTV (24 hours of Galavision satellite feed from Mexico) has so far eluded me (and they very well might not be even airing one!) - I finally got their call letters from a newspaper item in early June. At least this one is programming, unlike the KO2MX pest with nothing by color bars, ID and tone since September 1987.

Pat Dyer (continued)

Some almost-all-nite E skip in May again this year. This "bare bones" report doesn't include relogs of the same station on the same date, even though they might be 15+ hours apart.

In early May, had some problems with highly intermittent spurious emissions (cross-modulation) from the tower site of local 97.3 and 100.3 (8.5 miles wnw of me). This was mostly affecting the FM band, but some effects were noticeable on the TV channels if carefully looked for. A few days after a chat with one of the engineers the problem seems to have gone away (since someone had just put another user antenna system on their tower, I suspect that something was left in less-than-tight condition on it). 73, Pat, WASIYX

Tim Hall, 350 G St. #F-1, Chula Vista CA 91910-4559

PDT

Equipment:

20 year old black and white GE with Radio Shack outdoor VHF/FM antenna mounted indoors on the second floor.

May 1991	19 Es 0957	KREM 2 WA 1037	21 Es 2102	KYUS 3 MT 1120
1000 - 1000 m	1009	unid ch 3 Idaho		(// KOUS-4)
9 Es 1903 unid channel 2		(See Note # 4)	2109	KTVQ 2 MT 1015
(See Note # 1)	1033	KWGN 2 CO 832	2142	KFOR 4 OK 1133
18 Es 1101 KENWt 3 NM	1118	unid ch 4 CBS	2152	KJRH 2 OK 1224
1121 unid ch 2 ABC	1119	unid ch 2 ABC		KOTA 3 SD 1087
1128 XHBQ 3 ZA 1113		XHPN 3 CU 1017	2115	KDUH 4 NE 972
1204 XHRIO 2 TA 1267		KRGVt 5 TX	2110	(See Note # 7)
		(See Note # 5)	2141	unid ch 2 NBC
1211 unid ch 4 CBS	1021			KPRY 4 SD 1211
1238 unid ch 4 Mexico	1231		2208	KTWO 2 WY 916
1241 <u>XEFB</u> 2 NL <u>1117</u>	1248	unid channel 4		
1405 XHQ 3 SI 800		(See Note # 6)	2228	KRTV 3 MT 1070
19 Es 0703 unid ch 3 CBS		XHRIO 2 TA 1267	2237	KXLF 4 MT 954
0733 KMOL 4 TX 1120	1445	XHIT 4 CH 711	27 Es 1955	KPRC 2 TX 1296
0751 KIII 3 TX 1216	1556	unid ch 3 NBC	2000	KBTX 3 TX 1220
0818 XEFB 2 NL 1117	1558	KENW 3 NM 799	28 Es 2101	KJRH 2 OK 1224
0834 KGBT 4 TX 1243	1700	KPRC 2 TX 1296		
0858 KBCI 2 ID 760	1745	KBTX 3 TX 1220	June 1991	
0859 unid ch 2 PBS		XHBQ 3 ZA 1113	13 Es 2123	XEFB 2 NL 1117
(See Note # 2)	21 Es 2000	CBCP3 3 SK 1280	21 Es 1758	unid ch 2 XEW
	2006	KWSE 4 ND 1279	21 65 1100	(See Note # 8)
0902 XHIA 2 CU 953			1810	XHRIO 2 TA 1267
0955 unid ch 2 NBC		KSNW 3 KS 1166		
(See Note # 3)	2101	KOUS 4 MT 1034	1824	XHBQ 3 ZA 1113

Note # 1 - unid with hockey playoffs, Pittsburgh vs. Boston. This was not carried by any U.S. Network. No audio; video fair.

Note # 2 - unid PBS station. Hard to guess, as we had two openings in at this time, one to south Texas / northern Mexico, the other to Washington /Idaho / Montana.

Note # 3 - unid with NBC Meet the Press. Mixing badly with KREM at the top of the hour, could not find local ad for "Mack Hyde(?)" used cars in phone books at my library.

Note # 4 - Either KIDK or KLEW with ad for Walker drug abuse centers showing map of Idaho. Both stations unneeded.

Note # 5 - unid with ABC Sports. Logo appeared on lower left corner of screen, couldn't focus in time. Other south Texas stations in very well. This would be new if I could ID it.

Note # 6 - unid with Star Trek, way under KMOL.

Note # 7 - Is this station in Hay Springs (1046 miles) or Scottsbluff (972 miles)?

Note KDUH parallel to co-owned KOTA-3 at times. (City of license changed to Scottsbluff. Transmitter is 13.1 miles southwest of Hemingford. fm)

Note # 8 - Clear audio ID "XEW Television." Dozens of possibilities, including Mexico City. Only XEWO (Jalisco) had been ID'ed here.

Greetings from San Diego! Hope my first contribution is up to standards. (Excellent! fm) I've only seen one issue of VUD, so I don't know if the club has had regular reports from southern California in the past. In San Diego we have no locals on channels 2, 3, 4, or 5, so we're in good shape to catch E skip on the low channels. I use a 20 year old black and white General Electric set with a Radio Shack outdoor VHF/FM antenna mounted indoors on the second floor of my condo. Considering the modest equipment, I'm very happy with the results. Other active TV DXers down here include Neil Kazaross (San Diego) and Steve Mittman (San Pedro).

Tim Hall (continued)

I noticed in the June issue that Glenn Hauser mentioned having a unid Telemundo on channel 2. Of course, I've never seen the original logging to which he was referring, but XHRIO is a regular catch here during E skip, and I don't remember ever catching them NOT running Telemundo programming. They seem to be giving a lot more local IDs this year though, usually omitting the "H" in their callsign.

That's it for now. It looks like southern California is in for its third consecutive season of good VHF TV-DX. 73 and good DX, TRH

(I noted in Glenn Hauser's <u>DX Listening Digest</u> #34 that he has seen Telemundo again on channel 2 and has concluded that it is XHRIO based on ads. He hadn't seen the ID. fm)

William Eckberg, 1032 Sterling Road, Dixon IL 61021

Western TV-DX

CDT

Equipment: See July 1991 Western TV-DX

Jui	ne '	1991					8	Es	1300	WEDU	3	FL	1031	19	Es	1315	KTVQ	2	MT	968
2	Es	2105	KMID	2	TX	967	9	Es	1755	KKTO	2	NM	972	20	tr	0515	KAKE	10	KS	498
3	Es	0045	KPRC	2	TX	893			1800	KSWK	3	KS	669		Es	1830	WPBT	2	FL	1229
		1400	KKTO	2	NM	972			1855	WPBT	2	FL	1229	26	Es	1210	WBRZ	2	LA	784
		1600	WCIX	6	FL	1229			1900	KENW	3	NM	912	27	tr	0310	KXLT	47	MN	220
		1605	WPTV	5	FL	1168			2000	KDTN	2	TX	719			0430	KXLI	41	MN	348
		1655	WPBT	2	FL	1229			2305	KTVQ	2	MT	986			0545	KHNE	29	NE	464
		1700	WEDU	3	FL	1031	13	Es	1400	KRGV	5	TX	1189	29	Es	1230	WEDU	3	FL	1031
		1705	WTVJ	4	FL	1229				KPRC	2	TX	893			1300	WUFT	5	FL	923
		2100	KENW	3	NM	912			1500	XEFE	2	TA	1149			1315	WJXT	4	FL	895
		2130	KNAZ	2	AZ	1258			1600	KACB	3	TX	933			1330	WESH	2	FL	983
			KIDK	3	ID	1123			1800	WPBT	2	FL	1229			1400	KIII	3	TX	1072
		2200	KSNW	3	KS	498	18	tr	0400	CKCO	13	ON	461			1430	KDTN	2	TX	719
8	Es	1230	WDIQ	2	AL	727	19	tr	0215	WOIO	19	OH	401							

My unusual logging is Wichita channel 3 via E skip at 498 miles. It is my shortest since Memphis at 451 miles in the late 50s. Typical of skip I've seen under 600 miles, it came in at the end of the opening, the ID and signal were in less than 5 seconds, and it was weak; like a good meteor scatter burst. I've never photographed any E skip under 600 miles for the above reasons. I saw KSN which is the prefix of a network of stations in the area. I got the other Kansas channel 3 for half an hour a week later for the first time.

I logged KXLI-41 years ago while they were independent. Now they are a satellite of KTMA-23. Is it correct to count them again? I think they were black for awhile. I'm not familiar with the history of the station.

(I have chosen to not count the returned KXLI and KXLT as new stations. Although they did leave the air, their licenses were never deleted. The Ilcenses were eventually transferred. fm)

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

PDT

Equipment:

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

The skip season has begun! Actually have an E skip logging already, which might be a sign of something. As always, new are underlined and * means new to Antioch. Everything done with Hitachi & Channelmaster VHF/UHF separates at 35'.

Ma	y 1	991					19	Es	1057	KKTO	2	NM	890	20	Es	0830	KOAA	5	CO	930
6	Es	1923	KMIDt	2	TX				1158-	1330 X	EPM	t i	2 CH			1059	KACV	2	TX	1110
7	Es	2000	KNOP	2	NE	1110	20	Es	0716	KLBY	4	KS	1125			1100	KAMR	4	TX	1110
		2020	KWGN	2	CO	910			0729	KACV	2	TX	1110			1359	KMID	2	TX	1175
			KACV						0757	KOAA	5	CO	930	21	Es	2357	CKKXt	2	AB	
19			e KKTO	-					0759	KSWK	3	KS	1120			2359	unid c	h ?	F	ench
		0901	*XHIT	4	CH	1100				(Und	er k	(CRA	(-3)	22	Es	0000*	=CITL	4	AB	1210

Randy Miltier and I both had XEPM-2 forever on May 19 without any ID (Had XEW ID at 1259). He had KENW-3 concurrently, so not much question who it was. It was usually

CDT

SCOTT IV-DA

John Jefferson (continued)

a watchable signal here, though the audio was in and out.

Wish those fellows would remember the local ID slide once in awhile.

KOAA's picture was unbelievably good - considerably cleaner than KPIX's at 40 miles. For clarity and lack of fading it was possibly the best skip signal I've ever seen. Only had black and white due to extreme off-tuning to avoid KVIE-6 interference, but the way it was coming in, I think I could have fine-tuned it. Problem is that retuning to minimize the garbage is tricky. KSWK's calls were plainly visible for over a minute right through KCRA's otherwise excellent pic.

Am really curious to read about May 21. I was at the office all day - 0900-2300 - and there was skip on channel 2 at 0800 when I left the house!

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

CDT

Equipment:

VHF antenna (unknown vintage) at approximately 30 feet. Tabletop Radio Shack UHF bow tie in the attic at approximately 15 feet. Kawasho 13" color set.

Not much to report. Conditions have been down here, but more importantly I've been busy helping to take care of James Christopher Carl Hanley, born May 8, 1991, adopted May 10, 1991. Here's what's worth reporting:

<u>June 1991</u> 18 tr 0437 WITI 6 WI 195

(Chris also wrote that his mystery channel 53 carrying WKYT-27 last February 8th was WKGB. He learned from Ed Phelps of Benton, Kentucky that KETs often rebroadcast evening news from area commercial stations. Congratulations on your new son! Maybe you will catch some DX at hours when you used to be sleeping? fm)

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

CDT

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

From Harahan:

June 1991					13	Es						24	Es	2000	chs2,3,5 Spanish
7 Es 1828	WFRV	5 1	MI	1005				KNAZ							(Too much CCI)
8 Es 1301							1942	KTVKt	3	AZ		29			<u>KDKA</u> 2 PA <u>925</u>
1314	WTKR	3	VA	920				unid 3							unids chs 3, 5
13 Es 1844	KOTA	3	SD	1208				(See	No	te i	# 1)				unid ch 3 PBS
												30	ES	1324	unid 2, NBC 3

From Houston TX:

 June 1991

 12 Es 1037
 KVOA
 4 AZ
 954
 12 Es 1043
 KTVK
 3 AZ
 1018
 12 Es 1447
 %unid channel 3

 1039
 KPHO
 5 AZ
 1018
 KUATt
 6 AZ
 (See Note # 2)

Note # 1 - A first. DX from all four directions within about a four hour period; solar flare induced?

Note # 2 - A very complex TP with four corner circles, one large central circle, and lots of horizontal bars (but no discernable calls). Ron LeBlanc also saw this from New Orleans on the same day, but on channel 2 (he has it on tape). Mexico was in at the time.

A pretty pathetic June following a mediocre May. I bought a Sony Watchman so I wouldn't miss the DX when I'm away from home, and it worked pretty good on a business trip to Houston on the 12th. I was in a four day training class in one of the banquet rooms in the hotel, and fortunately, the instructor gave frequent breaks. So I'd rush up to my room to check for skip for a few minutes at a time. I found a good spot by the window in my hotel room, and E skip came in really clearly (and to my surprise, with readable IDs). That test pattern came in so clearly that I could make out some very fine numbers written midway across the bars (2 3 4 5 4 3 2). If anyone knows what I'm talking about and has IDed this bizarre TP, I'd sure appreciate some help.

I also tried out the Watchman at work, but due to some electrical interference, it

won't work in my office (Shoot!). Oh well, I guess it's just as well.

Robert Kramer, Box 8244, Chicago IL 60680 (KB9GXC) (312-262-6299)

Equipment

Western TV-DX

. ...

1978 RCA 19" black & white, Sony 1923 19" color, Archer V-185 VHF & Archer U-120 UHF at 60', 2 Archer adjustable preamps (Model 15-1113A), Ricoh XRM 35 mm camera w/Kodak T-Max 400 film, CDE heavy duty rotor, numerous traps and attenuators.

AND THE STATE OF T

Apr	-11	1991					31	tr	2017	WNWO	24	OH	220	11	tr	2100	₩GKI	33	MI	206
28	gw	2150	WJYS	62	IN	(NLV			2322	WLAJ	53	MI		12	tr	2047	WXGZ	32	WI	
29	gw	1803	W22AJ	22	IL				2330	WSYM	47	MI					(Thru	J W	FLD-	-32)
		(Wauki	egon			VJN)										2356	WCCU	27	IL	
							Jui	ne i	1991					16	tr	2159	WFWA	39	IN	
May	/ 19	91								WXON		MI	240	17	tr	2240	W65BT	65	WI	
		1900	WTLJ	54	MI				0026	WTVS	56	MI	240			(Milw	aukee	1	WCI	U-26)
7	Es	2000	KENW	3	NM	1004			0054	WBSX	31	MI	205				W43AV	43	WI	
		1403	W23AT	23	IL		6	tr	0000	W15AM	15	MI				(Wauk	W43AV esha			CHA)
	~	(Moke	na			VJN)			(Grand	Rapid	ds I	WHME	-46)	20	tr	0000	winm W46AR waukee	63	IN	
		1550	WHKE	55	WI					W19BA	19	MI				2150	W46AR	46	WI	
16	Es	2256	KIII	3	TX	1116			(Grand	Rapi	ds		TBN)			(Milw	aukee		1	LPTV)
19	Es	2100	KENW	3	NM	1004	8	tr								1030	KENW	3	NM	1004
		2210	KIII	3	TX	1116			(Shebo	ygan			TBN)			1100	WLBT	3	MS	668
21	Es	2300	KACB	3	TX	1004			(Shebo 2234 0205 (Rockf 0308	WBSX	31	MI	205			1128	KBTX	3	TX	912
27	tr	0745	WEYI	25	MI	222	9	tr	0205	W68BR	68	IL				1300	KATC	3	LA	840
		0800	WAQP	49	MI	222			(Rockf	ord		WCFC	-38)				WEDU	3	FL	1002
		0830	WLLA	64	MI				0308	WEYI	25	MI	222			1418	KACB	3	TX	1004
		0905	WJRT	12	MI	224			0427	WGKI	31	MI	206			1427	KPRC	2	TX	941
28	tr	2214	KOCR	28	IA	210			0455	WPBN	7	MI	225			1430	KFDX	3	TX	804
		2328	KLJB	18	IA				0505	WXON	20	MI	240			1500	KENW	3	NM	1004
		2357	KYIN	24	IA	307				WTVS	56	MI	240			1530	KATC	3	LA	840
29	tr	0100	W30AL	30	IL	307 CHA)		Es	1743	KDFW	4	TX	801							
		(Plan	0			CHA)			1755	KSWK	3	KS		Ju	ly '	1991				
			V-Fox	Va1	lev	TV")	11	tr	1600	WCMW	21	MI		1	Es	2200	KBTX	3	TX	912
31	tr	2016		52	MI				2100	WCMV	27		206							

After a 10 year absence from serious DX, I finally got permission to put up an antenna system. It's amazing how many new stations have come on. I have gotten a channel 29 in Kokomo, Indiana parallel to WTTV-4, but haven't been able to get an ID. The Jukebox Net stations on channels 22 and 23 are easy to read the calls, but no location. There are 3 others in the Chicago area: W04CK and W13BE both in Chicago and W36AO in Palatine, Illinois. 73, RK

Information from Jerry Stuart of Lawton OK

More information on KSBI-52. Location - 1350 SE 82nd, Oklahoma City. Owned by Locke Supply - a plumbing company. ERP - 1350 KW visual / 135 KW aural.

Anyone noting Fox, SportsNet (PrimeNet) on channel 35 or 53 - they are owned by KJTL-18 Wichita Falls TX. KJTL uses them as backup. K35BO in Wichita Falls and K53DS in Lawton. K53DS on local FM tower KMGZ-95.3.

Anyone know what WCY-25 Dallas TX is (bar and ID only)?

(Thanks for the info. Hopefully, a television news column will return which is where this stuff belongs. You didn't say what channel you saw the WCY-25 ID on (or did you mean channel 25?), but it looks like a television relay call letter assignment. I found a broadcast auxiliary license in Dallas with those call letters on 2093 MHz. In 1985, the licensee was shown as Public Communication. fm)

And from "sun watcher" Ed Frye in Santa Clarita CA

June 10th - On two occasions since Memorial Day weekend (the most recent being today), I observed something in the sky that may soon contribute to skip conditions (if it already hasn't) Looking at the sun through some very dense coastal fog, I have noticed what appears to be a large region of sunspot activity. The first time I noticed this, on May 25th, in the early evening just before sunset, I didn't give my sighting much thought. This morning, however, while driving to work, I once again saw the same black spot on the sun's surface. This time, however, it was located in the upper lefthand portion of the sun (I had previously seen it in what could be considered the lower righthand quadrant).

Ed Frye (continued)

With only CATV at my disposal for the time being, I noticed some CCI on local channel 2 a day or two before Memorial Day, but haven't seen anything else since then.

June 12th - That large dark area I noticed was a solar storm! This morning, I listened to a local radio newscast that reported a "massive solar flare" having occurred Monday night, June 10 (that coincides with my sighting). The report continued, saying radiation from the flare reached earth at 0700 PDT, "at a magnitude of X12-plus, one of the highest ever recorded." I may not be able to catch any DX off this flare on the TV screen (with my system currently disassembled), but I definitely saw it coming on the sun's surface!

Fred McCormack, 135 Prairiewood Drive, Fargo ND 58103

CDT

Equipment:

VHF: Broadmoor 9" black & white, Winegard CS-4053; UHF: Teknika 6510 tuner, Winegard CH-9095, Blonder-Tongue CMA-Uc preamplifier; Alliance rotor.

June 1991 24 Es 1545 unid ch 2 NBC sw	6 tr 0724 <u>K30DK</u> 30 MN <u>100</u> (Bemidji KMSP- 9)	6 tr 0845 <u>K18DI</u> 18 MN <u>155</u> (Granite F11s STV-CBN)
1658 KREGt 3 CO	0730 K65DT 65 MN 105 (Walker KVRR-15)	0848 <u>K35</u> 35 MN (Unknown STV-TNN)
July 1991 6 tr 0044 CICO91 44 ON 215	0827 K19 19 MN (Unknown STV-USA)	ES 1357 WMAB 2 MS 1015 1428 KETS 2 AR 890
0656 <u>K49CU</u> 49 MN <u>110</u> (Walker KMSP- 9) 0659 WHWC 28 WI 270	0832 K22DO 22 MN 155 (Granite F11s STV-TNN)	7 Es 1058 KDKA 2 PA 945 1130 WTKR 3 VA 1250

No E skip has been identified yet from my St. Paul location. Even though I am restricted to rabbit ears, I really expected more success. We had a rare advantage as KTCA-2 was off the air during most of the morning and afternoon for quite a few days as work was done on their tower. It was during one of those periods on July 2nd that I noted E skip on channel 2 from 1030 to past 1230, but no IDs. I had an NBC at noon on that date.

I spent June 21-24 at my Fargo QTH and even though the TV was on channel 2 te full time, I noted no E skip until the afternoon of the 24th and then a rather short and

erratic opening. I expected a hot period!

Tropo on July 6th brought my first (and probably last!) TVO with channel 44 from Kenora, Ontario. I think it has been on the air for quite some time, but has not been seen before. The signal was fine. As for the two LPTVs which I do not yet have tied down, the channel 35 is most likely at St. James. The channel 19 could be at Redwood Falls or St. James. If it is St. James, that indicates a change there as KEYC-12 holds the permit for use as a translator.

Reporting tip

Please don't write or type on the left one inch of your reports as each report is punched and put in a three ring binder when it is received.



MEDIUMWAVE DX CONFAB TO BE HOSTED BY WTFDAer!

If you DX the AM broadcast band, or are interested in learning more about the Mediumwave DX side of the hobby, you're invited to Bridgeport, WV for the August 30 to September 1st Labor Day weekend. The NATIONAL RADIO CLUB (world's largest mediumwave DX group) Convention is being hosted by WTFDA's Bill Swiger. Site will be the Holiday Inn, 100 Lodgeville rd., Bridgeport, with reasonable room rates. For more info on the event, contact: Bill Swiger - RR 1 Box 142A - Bridgeport WV 26330-9368, (304) 842-4635

EASTERN TV-DX

Bill Nienajadly PO Box 2999 Clifton NJ 07015-2999 1-201-478-3044 no collect calls Leadline September 5 1991

16 Tr 0001 WMAH 19 MS 279 0001 WXXV 25 MS 286

August 1991 Cutoff 3 Months ago

Please see July 91 for EIVDX Territory. Note: DC is also included too, forgot to mention it in the July VUD. IT IS CONVENTION TIME!!! ARE YOU ALL GOING?? Maybe I'll see ya there!

E-Skip did come back, but it was poor or horrible for some. Others say it was about average. In talking with some of you on the phone or reading through some of your reports, most agree that the Solar flare up and the Aurora activities DID hamper E-Skip and unfortunatly it seemed to happen during the prime DX days. Sigh, so it goes, but, don't forget about the Persoids in mid August! Tropo, that other form of DX, is another thing to look for! Now, on to YOUR DX!

John F Combs PO Box 7581 Tallahassee FL 32314

* Indicates VCR Logging

lй	1		

MHY 1991	
16 Es 1615 CUBA 2 905 & other \$S UNIDS to 1830 (see note # 1)	3 ES 1113 El Salvador 2 1225 1115 El Salvador 4 ?-T (See note #6)
19 Es 0859 Guatemala 3 1210	1120 Honduras 5 ?-T
0915 KKTO 2 NM 1334	(See note #7)
(ID 3/4 CB)	1135 Guatemala 3 1210
*0955 KMID 2 TX 1067	(See note #8)
*0955 KMID 2 TX 1067 *1100 KPRC 2 TX 673	1733 KJRH 2 OK 762
previously by Tr	1749 KSNC 2 KS 991
*1230 XHRIO 2 TA 863	1/56 KIVO 3 MO 803
(see note #2)	1800 KIMI 3 IA 963
2341 KSNC 2 KS 991	1010 KSNW 3 KS 909
2341 KSNC 2 KS 991 2359 KNOP 2 NE 1180 21 ES 0958 UNIDS 2	2141 RACE 3 1X 930
21 ES 0958 UNIDS 2	2157 PMTD 2 TV 1067
*1058 WBAY 2 WI 986	1749 KSNC 2 KS 991 1756 KTVO 3 MO 803 1800 KIMT 3 IA 963 1816 KSNW 3 KS 909 2141 KACE 3 TX 958 2141 KFDW 3 TX 867 2157 KMID 2 TX 1067 7 ES 1827 KIMT 3 IA 963 1920 KBIO 3 SD 1235
27 ES 2000-2140 UNIDs 2-5	1920 KDLO 3 SD 1235
28 ES 1645-1656 Brief Un 2,3	1920 KDLO 3 SD 1235 1922 WOI 5 IA 941
29 ES 0928+UNIDS 2-5	1938 UNID 2 Spanish!!
30 Tr 0535 WXIA 11 GA 229 WATL 36 GA 233	(obviously 2 clouds at
0559 WCLP 18 GA 299	the work here, hi)
070 11 01 01000	1946 KDLT 5 SD 1159
0600 WGNX 46 GA 233	8 ES 1005 KACV 2 TX 1070
0600 WHSG 63 GA 233	1100 KENW 3 NM 1152
Magnes TRN	1900-1930 UNIDS 2,3
30 ES 2026 KMID 2 TX ?-T	10 ES 1020 Colorvision 2 1175
31 Tr 0545 WGNO 26 LA 340	Dominican Republic
WINDL 38 LV 3VU	(See note #9)
WIZH 24 MS 292	12 ES 1415 XHGC 5 DF
W63BK FL 179	(ID 374 CB)
Pensacola TBN	1422 UNID 2 SEP
0558 WBRZ 2 LA 413	1422 UNIDS 3,4 ECO 1510-1725 Away from dials
0625 WHLT 22 MS 302	1725 XHRIO 2 TA 863
2258 WJEB 59 FL 160	1728 KMOL 4 TX 873
Jaxonville TBN	1728 KGBT 4 TX 840
see note # 3	1849 XHBQ 3 TA 1250
31 ES 2310-2320 CCI on ch 2	(ID Super over toons)
June 1991	13 Tr Q450 WGNO 26 LA 340
1 Tr 0758 W33AL GA 169	0450 WNOL 38 LA 340
Brunswick TBN	0450 K59DG LA
1 ES 1447 UNID 2 "ECO"	New Orleans TBN
1530 EL Salvador 2 1225	ES 1245 XHRIO 2 TA 863
(See note #4)	and many SS unids
1550 XHRIO 2 TA 863	to 1525+
2031 UNID 2 Imevision	14 Tr 0623 New Orleans U's
UNID 4 Imevision	15 Tr 0805 WPB.Ft Pierce.
2 ES 1255 XHCH 2 CH ?-T	Melbourne U's
(See note #5)	ES 1305+ UNIDS 2,3,4 ECO
3 ES 1113 UNID 2 ECO	in ALL afternoon no IDs of course

0610 WTBS 17 GA 231 0610 WATL 36 GA 233 16 ES Phone Call From Matt Sittel alerts me to Es-Thanks Matt! 1815 CKCO2 2 ON 1015 1818 CKVR 3 ON 992 1844 WFSB 3 CT 1007 1847 CBLT 5 ON ?-T 1857 CFCL2 2 ON 1246 1900 WKIV 2 NY 1013 2025 CIII2 2 ON 1079 21 Tr 1530 WITA 38 FL St Petersburg !st day on the air w/1800 sign on. NOTES #1 Carlon Howington called

from St Pete to tell me of solid ES reception fromCuba urusual for him due to the short distance. I found an extremely weak, scattery, almost like Trs, as if I were not really in the opening at that point, but on the fringes. This faded out after 5 or 10 minutes. Then a regular opening commenced about 20 minutes later. Perhaps there is such a phenonomenon as "E-Skip Scatter"? (John, this is my theory.

Suppose there is a TROPO Duct receiving the E-Skip and ducting or scattering the signal to your QTM. Surely this SHOULD be possible, if Tropo can scatter then surely E-Skip can refract/reflect too and possibly DUCT too. It isn't really farfetched an idea at all-BN)

Please turn the page for the rest of John's comments and notes-BN

CONVENTION TIME!! August

John Combs continued

Note # 2 But now IDing as 'XRIO-IV' Matamoros-McAllen' An official change of calls or not? (John, I answered last month, but its well worth repeating again. According to Ed Phelps of KY, he says that the XH prefix belongs to Mexico hence, XHRIO IS CORRECT. However, XR prefix belongs to South America, I belive he said Chile. So XRIO is not correct, UNLESS however the Chile and Mexico both agreed to using a XR prefix. If in doubt check the international allocations list-BN)

Note # 3 Would be station # 400 in my Jacksonville log if I were there to see it!

Note # 4 Recognized logo and music seen often on Carlons DX tapes!

Note # 5 Live news/sports with heavy emphasis on Guadalajara-area teams, Seemed local.. Note # 6 "Phillps" TP, but no ID or date/time like Cuba's. Later noted mxcast "Noticero 4"

Note # 7 IDs as 'Canal 5-el lider' & brags about having the best programs, biggest audience, etc. Note # 8 Ad with prices in quetzales-the monetary unit of Guatemala. (If it had been limpires,

it would have been Honduras) Note # 9 Good timing! I was running late to work and breifly fired up the Teknika and heard

program promos and ID!!

Comments

Summer skip has been a mixed bag. There have been only a handfull of "good" openings, with none that I would call "excellent" or "super". MUF has rarely ventured into FM. I'm handicapped by a busy work schedule $+\ 2$ out of 3 VCR's are currently non functional (with the third one ailing), so I haven't done much tape delay work.

The really unusual aspect of this summer's skip, is the number of Latin American openings! I don't think I've seen a Florida TV-DX summer when Mexican & Central American signals were so plentiful. (Then again if I see one more unid ECO or Imevision relay, Im blowing up the local Taco Bell in protest, hi.) (Well, John I guess you didn't hear about ABC,CBS and NBC are all merging and will call themselves Excellent Communications Organization or ECO for short, Hi!-BN)

There has also been some solid tropo in the AM, particulary to New orleans, with K59DG finally logged (Carlon probably sees them every week, hi...). Im considering raising the 4 bay another 5 feet or so in order to totally clear the roof and make DX to the North and Northeast easier. I'm more concerned with the stability of the mounting (a fire escape railing) than any protest from the land lord, who has quietly accepted my 8 or 9 antennas (though a few of the neighbors 73 John refer to me as 'Mister I-Spy'!)

Robert Ross Box 1003 STN. B London Ont N6A 5K1 Canada

May	1991	

rusy 1221		
23 Tr 2345 CIII 27 ON	5 ES 2033 WWL 4 LA	14 Tr 0750 CBCE 16 ON
2350 WNED 17 NY	8 ES 1029 WPBT 2 FL	16 ES 1815 WIVJ 4 FL
2359 WUTV 29 NY	9 ES 1828 KPRC 2 TX	17 ES 2320 WLBZ 2 ME
June 1991	9 ES 1834 KDFW 4 TX	2325 CJCB 4 NS
	1850 KXAS 5 TX	
3 ES 0030 WBRZ 2 LA	10 ES 2120 UNID 2 CBC	WLBZ 2 MAINE, State # 31, had sport
ID on screen Good	Maritimes opening	-s, Local High School BB incl team

Matt Sittel PO Box 21451 511 J Wood Hall, NCSU Raleigh, NC 27607

(Ed Note: Matt says address effective as of August 17, 1991)

from Madawska ME. also ment W. ME.

May	19	

29 ES 1452 CUBA 3	30 ES 1153 UNIDS 2,3	7 ES 2029 KSWK 3 KS 1256
1502 CUBA 2 1559 KPRC 2 TX 1063	June 1991	8 ES 0900 KTBS 3 LA 894 1029 KPRC 2 TX 1063
1631 KMID 2 TX 1371 1659 KDTN 2 TX 1069 1730 KBTX 3 TX 1062 1914 KJAC 4 TX 904 1959 KDLH 3 MN 1033 2000 KGAN 2 TA 841	1 Es 1910 UNID 2,3 3 ES 1227 KJRH 2 OK 950 1228 KPRC 2 TX 1063 1313 KFDX 3 TX 1131 1407 CUBA 3 1415 CUBA 2	1129 WBRZ 2 LA 814 9 ES 2039 UNIDS 2,3,4, 12 ES 0702 KPRC 2 TX 1063 0725 KBIX 3 TX 1062 1438 UNID 2 SS 13 ES 2130 KPRC 2 TX 1063 14 ES 1155 UNID 2
2029 KMIV 3 NE 1012 2029 RIII 3 TX 1238 2056 KIVI 2 MO 673 2108 KSNW 3 KS 1050	1622 KATC 3 LA 883 1659 WBRZ 2 LA 814 4 ES 1229 KJRH 2 OK 950 1259 KFDX 3 TX 1131	14 ES 1135 UNID 2 16 ES 1829 KGAN 2 IA 841 1830 WCIA 3 IL 613 1840 WBBM 2 IL 643 1843 WISC 3 WI 767

(Please turn to the next page for the rest of Matt's report-BN)

Eastern TV DX	Convention time!!!	August 1991		
Matt Sittel continued June 1991		20 PC 1650 VCIV 2 VC 1020		
20 ES 1155 UNIDs 2,3,4 25 ES 1028 UNIDs 2 KINGSPORT TN DX	29 ES 1031 XHY 3 YU 1358 1251 KIII 3 TX 1069 1259 WBRZ 2 LA 657 1407 KJRH 2 OK 734	29 ES 1659 KSWK 3 KS 1039 1918 KMOL 4 TX 1033 1928 KBTX 3 TX 877 BACK IN RALEIGH AGAIN		
26 ES 1400 UNIDS 3	1629 KTBS 3 LA 700	30 ES 1859 WCAX 3 VT 682 2000 CBHT 3 NS 1001 UNIDS 2,3,4		

Hi! E-Skip has been unusually minimal so far, I would have expected much more than the above. I left out my tropo catches, which were very little, though. I did get WCES-20 once, and I saw finally WJWJ-16. Plus I got a xltr on 64 of WFXI-8 from Kinston. We also unfortunately have a TBN affiliate in Raleigh, now. 73's Matt.

Harry Hayes 9 Henry St Wilkes-Barre, PA 18702

Equipment: 1971 RCA color TV w/Ch2 quad loop, Zenith 1991 color Sentry II w/6ft. dish in attic and a PA 4975 AMP.

June 1991

2 1	Es	2300	KSNB	2	KS	7	7	ES	1710	KPRC	2	TX		16	ES	2100	WMAB	2	MS	
		2300	KJRH	2	OK				1800	KTBS	3	LA		20	ES	1300	WEDU	3	FL	
5 1	ES	2035	KARK	4	AR	16	5	ES	1830	MUF	10	0+	Mhz	29	ES	1645	KETS	2	AR	

the good news this season is that I have a lot of time to do non DX things like chores that need to be done around the house. The bad news is that this is absolutely the crummiest season I've ever experienced and I've DXed every one since 1969. First skip was not seen until 5/21 despite daily monitoring, this is a "late" record. This summer is no help for trops, it is the hot dry 1988 type of summer. I've experienced a little enhanced CX to New York State, but that's all. I don't expect to make Dunkirk this time. It looks like everyone will have to think of something else besides DX to talk about there, because there's none this year.

Charles Cauthier 3260 Realieu Brossard PO 147 2P7

CHALL	es Gauchier 3200 bearreu	DIOSSAIG TQ 342 217	
May 1	991	June 1991	
15 Tr 29 ES	70000 WROC 8 NY 261 TO WOKR 13 NY 261 0100 WNED 17 NY 323 WXXI 21 NY 261 6 1859 WLBT 3 MS 1305 1640 CKWS 11 ON 173	2 Tr 0900 CBLFT13-15 ON 209 CBLFT14-32 ON 173 WNYB 49 NY 323 W59DV NY 261 (WNYB 49 NY) WUIV 29 NY 323	7 ES 1959 WJXT 4 FL 1166 17 ES 2305 KPRY 4 SD 1341 2317 KMTV 3 NE 1187 2320 KTIV 4 IA 1177 2325 WHBF 4 IL 914 2329 WDAF 4 MO 1186
J. 11	1010 0100 11 011 113	Over CFIV Montreal	20 ES 1559 WIVY 4 AL 1227

Equipment: VHF-UHF 40 Element Archer antenna at 37 ft above ground RCA color TV.

This is my first report in over a year, well my first since you took over from that dude from Florida (Hi!). Last year was terrible for any form of probagation (one day of skip, belive it or not!). The conditions are average so far this season, but provided some interesting openings. Thats it for now, Keep up the good work, You're doing a great job. (Thanx Charles!-BN)

Soixante-Treize (73) Charles

Saul Chernos PO Box 611 Orillia On L3V 6K5 Canada

From Burnt River

May 1991	29 ES 1728 WWL 4 LA	2 ES 2317 KPRC 2 TX
30 ES 1830 KUSD 2 SD	June 1991	2337 KDFW 2 TX
29 ES 1353 WPBT 2 FL	2 Tr 0730 CBLFT 61 ON	3 ES 0027 WBRZ 2 LA
1530 WDTO 2 AL.	2 ES 2259 WPBT 2 FL	

From Orillia

6/4/91 ES 1230 WPBT 2 FL 7/1/91 ES 0001 KOTV 6 OK 7/1/91 ES 1730 WPBT 2 FL

Most time spent on FM, as I've have no real UHF set up, & only average for ES 73's Saul

Mike Hardester PO Box 8159 Camp Lejeune NC 28542-8159

- CH 2 WCIV? WCBD? SC, Charleston::: 5/30 at 2327 mostly over-riding local WCTI's AUDIO portion, though at times the VIDEO was clearly that of the Charleston with "Channel 2 Action News." This is important as WCTI is CH 12 (CH 2 cable). Into "Three's Company" at 2330. (M. Hardester, NC)
- CH 3 or CH 7 WSAV GA, Savanah over/under WWAY (CH 3 in Wilmington) on 5/30 at 2310 to 2325 tune-out. PLENTY of info if I wanted to send a reception report: a fairly good signal at times. Channel? I was on Cable CH 3, BUT, I thought I heard promos for "W S A V 7," and one ID card where the number certainly looked like a "7." (M. Hardester, NC)
- CH 4 UNID noted 5/31 at 0600 w/NBC News. I've noted this one before, but no idea where it's located. Fair signal - steady until WUNC-19 (PBS Station) signs on: cable CH 4. Oops, again; location is UNID; ID card looks like (as CH 2) WCIV. (M. Hardester, NC)
- CH 8 WGHP NC, Piedmont noted virtually every morning (Cable CH 6) until WFXI (Morehead City, NC. - CH 8) signs on. (M. Hardester, NC)

Christopher S. Dunne, 21541 Nw 8 Ct., Box 81, Pembroke Pines, FL 33029 6/12 Es 5/6 Eg 0855 WBTV 3 NC 600 1120 WJKS 17¢FL 300 1900 WAVE 3 KY 850 WNFTt47¢FL 300 short! (Note 1) Cagney&Lacey 0858 WAVE 3 KY 850 W59--59 FL 300 (Note 4) 5/29 Es TBN 1054 KIII 3 TA 1010 0859 WHSV 3 VA 820 W16AJ16 FL 150 (note 5) (Note 2) //WESH 2 1000 KDEA 3 LA 730 1030 KIII 3¢TX 1010 WAWS 30¢FL 300 6/2 Tr 0100 WNPL 46 FL 75 good color 1030 unid 6 (Note 3) 1125 WAVE 3 KY 850 Regis 1030 KRGV 5 TX 1000 Trial Watch 0130 WBSV 62 FL 120 (note 6) Test pattern 1100 KYW+ 3 PA 980 6/13 Es 0830 WTKR 3 VA 750 (Note 7) 1800 KBTX 3 TX 970 1822 WCIA 3 IL 1010

Brereton Jones mentioned, running for office, Curr. Affair @ 7pm.

Geraldo, 2 ads w/ "991-x...(X" phone #s.

(3) Finally at higher power.

Many mentions of KY. Thought I heard "Harrisburg", must've been "Harrisonburg".

Whenever I get my Es on a ch other than 3 you know it had to be

(7) Eyewitness News promo, Group w-like "3" logo.

Equipment: see past VUDs...."¢" = color. Seven 10s & a

William R. Hepburn 1211–1547 Mississauga Vly Mississauga ON LSA 3X8 (EDT)

Equipment: JVC HR-D630U VCR w/12th floor balcony VMF dipoles / indoor 4-bay UMF

May 1991 29 ES 1756 WPBT 2 FL 1220 16 ES 1931 MUF 15 TR 0146 W22 22 NY 112 1759 MUF 3 20 TR 0217 C 39 DN 285 June 1991 Olean (TBN) Hawkesbury 0452 WTJC 26 DH 340 3 ES 0028 MUF (TVO La Chaine) 21 TR 0914 WUNY 22 UT 325 1305 MUF 0223 CIC 48 DN 285 1359 KDIN 2 TX 1180 0917 WEIK 33 UT 325 Hawkesbury

ES 1106 WEDU 3 FL 1100 Denton-Dal-FtW (TVD) 1120 MUF 4 4 ES 1407 MUF 2 ES 1229 WPBT 2 FL 1220 27 ES 1936 MUF 8 ES 0738 MUF 2 2 1306 MUF 99.1 28 TR 0608 WKDI 43(OH) 375 13 ES 2034 MUF 4 1315 WEDU 3 FL T

ments: Not too much going on, Channel 22 Olean had a very unstable 148 ... perhaps a poor pickup from the satellite. I will be moving into a house in neighbouring Brampton in the fall and hopefully will finally have a half-decent ..perhaps a poor pickup from the satellite. I will be moving into a house in Eastern TV DX

Enjoy the Convention!!

August 1991

Eric Voytko 1721 Dalewood Place, McLean VA 22101 (703-356-9663)

June 1991

20 ES 2000 KPRC 2 TX 20 Tr 2310 WXII 12 NC, WBRE 28 PA, 28 Tr 0600 WWCP 8 PA 30 ES 2100-0100+ KGAN 2 IA, Several UNIDs 2 & 3's

1 ES 1700-2300 MUF 90.7

Comments: June ES was like the weather here-very dry. After May 29th, only very short opening were noted, rarely rising above ch 2 and never above ch3. I have no access to TV during weekday mornings, so its possible that

I missed the best stuff during that time of the day, there is hope for a better July though. The late night openings on 6/2 & 7/1 werea welcome sight. The 7/1 opening was very intense. It was just too jammed up to be productive. Hopefully some more stable openings will be in store for 73's Eric

Frank Wheeler 6589 Wattsburg Rd Erie PA 16509

Equipment: Sylvania 19" 1985 year, Archer VU160 Antenna, Rotor Servo

May 1991	4 ES 1157 WBRZ 2 LA 1016	8 ES 1930 KLNE 3 NE 1005
18 Es 1100 WPBT 2 FL 1110	1228 KPRC 2 TX 1212	20 ES 1053 WPBT 2 FL 1110
22 ES 1030 WEDU 3 FL 988	1259 WDIQ 2 AL 802	1230 WEDU 3 FL 988
1100 WPBT 2 FL 1110	1300 WPBT 2 FL 1110	1257 WIVJ 4 FL 1110
1300 KBTX 3 TX 1183	7 ES 1800 KPRC 2 TX 1212	1300 WESH 2 FL 908
29 ES 1800 KATC 3 LA 1071	1805 WEAR 3 FL 891	26 ES 1130 KBTX 3 TX 1183
2100 WDIQ 2 AL 802	1830 KBTX 3 TX 1183	1229 KPRC 2 TX 1212
June 1991	1831 KSNW 3 KS 962	29 ES 1400 WEDU 3 FL 891
1 ES 1058 WPBT 2 FL 1110	1900 KMTV 2 NE 817	1430 WPBT 2 FL 1110
1229 WMAB 2 MS 775	8 ES 1917 KDFW 4 TX 1127	1630 KDIN 2 TX 1078

Not to sure of KDIN 2 as heard last 3 letters of call as DIN. Definately not WDIN, Dayton as DTN came in on skip. KDTN is listed on Ch.2 in WIFDA N. American TV Data Base. Any help?

Jeff Wolf	1131	University Blvd	Apt 701 Silver Spring MD 20902	
May 1991			8 ES 1202 WESH 2 FL 720	26 Tr 0745 WLIG 55 NY
31 ES 2058 June 1991	CUBA	3	1230 MUF 2 1259 WBRZ 2 LA 950 1403 ABC 3	29 ES 1528 WPBT 2 FL 1602 CBS 3 1617 NBC 3
3 ES 2000 7 ES 1800		2 2 TX 1164	1422 NBC 2 1425 CBS 3	1730 Fade out 30 Tr 0409 WYED 17 NC
1827	MUF	88.1	1700 Fade outs	ES 1230 WEDU 3 FL 846
8 ES 1030		3 FL 846	1909 KJRH 2 OK 1914 KFDX 3 TX 1225	1233 CUBA 3 1433 CUBA 2+
	CUBA WPBT		2053 Fade outs 9 ES 1612 MUF 2	1641 Fade outs

Paul Mount Box 126 Lineroft NJ 07738

Equipment: Teknika TVC-22 tuner, Sanyo 21C100 montor, 2 sets rabbit ears VHF: Archer 4 bay table UHF hanging in the window.

May 1991

127		
1 Tr 0828 WGNI 27 VA 0858 WNAC 64 RI	15 Tr 0130 WWLF 56 PA 0201 WLYH 15 PA	15 Tr 2359 WETA 26 DC-\$ Note #1
0915 WMPT 22 MD-NWS on SAP 0920 WBOC 16 MD	2321 WHSW 24 MD 2323 UNID 42 SS	20 Tr 0155 WBFF 45 MD
0926 W46 PA //WGBS 57	(I think its in DC-BN)	21 Tr 0059 WFXT 25 MA
0929 WFTY 50 DC	2325 WNUV 45 MD	0140 WPRI 12 RI
6 Tr ???? 26/30 CT,40 NJ	2330 WHMM 32 DC	June 1991 See Note # 2
tent.56,66 Boston	2333 WTKK 66 VA	9 Tr 2310 WHDH 7 MA-audio
15 Tr 0110 WIVE 51 PA HSC	2354 WDCA 20 DC	2312 WJAR 10 RI
0125 WNEP 16 PA	2356 WBFF 45 MD	2355 WWLP 22 MA 10 Tr 0001 WSBE 36 RI
Note # 1 Then had to leave. Nice t	a saa strong guen color signals	0005 WNAC 64 RI
THEIR HAG CO TERVE: NICE C	o see strong even coror signars	OOOD WELLO O'T LEE

on channels previously unlogged.

Note # 2 June 9 th tropo just like last year, the day after a GTG,

-Continued on next page-BN

0040 WPRI 12 RI

0100 WTBY 54 NY

May 1991

1730 WLBT 3 MS 978

Convention Issue

August 1991

Paul Mount continued

Note # 2 Continued-Su nite tr to new England! WABC 7 NYC almost unwatchable on cable; Most CTs such as 8,18,24,26,30,49,53,61 in @ 2300.

Comments; Found some benefit in having the second pair of VHF rabbit ears to get Boston audio thru NYC on June 9th. (Paul I'll bet it was phasing that really helped-BN) Not much skip IDed so far during most noontime, evening checks, I see it only on ch 2. I also check for trop around midnight or 2 AM. Generally if I can't get 55-Riverhead, 40 Wildwood, 22 or 28 Scranton & 51 Reading, I know it's not gomna be worth spending much more time at it. The NJN (23,50,52, and 58) has been on reduced schedule due to budget restraints. (I know, isn't wonderful?-BN) WFIY 50 DC is often there after s/off, no luck on Vineyard Haven 58 though.

Jeff Falconer Box 63 Clinton ON NOM 110 Canada

Equipment: Icom R-7000, 25 el log periodic at 25' with rotor

May 1991	24 F- 2200 H//AC DA 130	27 ES 2005 UNID 2
11 Tr 0300 W59CA MI 180 (Jackson WACP-49) 18 ES 1443 UNIDS 2/3/4/ 20 Es 1223 CUBA 2 1410 1228 WPBT 2 FL 1218 1257 WEDU 3 FL 1087 29 ES 1600 UNID 2 1714 WESH 2 FL 1011 1729 WEAR 3 (AL) 956 1746 WKRG 5 AL 956 1754 WWL 4 LA 1055 1800 WDSU 6 LA 1050	31 Tr 2300 W44AG PA 130 June 1991 2 ES 1155 UNID 2 3 ES 1803 UNID 2 7 ES 1927 KRIS 6 TX 1413 1928 KPRC 2 TX 1237 1930 KBTX 3 TX 1201 8 ES 1200 WEDU 3 FL 1087 16 ES 1905 UNID 2 20 ES 1557 UNID 2 23 ES 1259 WBRZ 2 LA 1060 24 ES 1915 KSNC 2 KS 966 25 ES 1550 UNID	29 ES 1239 UNID 2 1400 WDSU 6 LA 1050 1412 WWL 4 LA 1055 1451 WKRG 5 AL 956 1300 KATC 3 LA 1110 1730 Fadeouts 2045 KTWO 2 WY 1248 2046 CKCK 2 SA 1176 2047 UNID 3 MB/SA? Unid on CBC French net with Expos base ball

Decent openings on May 29th & again June 29, both ppenings made it to the top of the FM band. other than that nothing out of the ordinary. 73 Jeff

Greg Coniglio 5100 Glerwod Drive Williamsville NY 14221

27 ES 1900 KFDX 3 TX 1239	29 ES 1815 KATC 3 LA 1168		2315 WLBT 3 MS 978 2320 KATC 3 LA 1168
28 ES 1815 KIMT 3 IA 612 Tr 2330 W63AB PA 115 (Mansfield WVIA-44) 2345 WOLF 38 PA 185 Elmira-9/f, Bing & Scr-vg	1910 WDSU 6 LA 1093 1911 KALB 5 LA 1118 1930 WBRC 6 AL 788 June 1991	20 Tr (2320 KAIC 3 LA 1166 0715 Youngstown U's line on 1cl W58AV 0730 WCFE 57 NY 266 WEIK 33 VT T
29 Tr 0030 WLYH 15 PA 220	2 ES 2309 KFDX 3 TX 1239	1	0800 WSFJ 51 OH 285
0030 WSKG 46 NY 153	2322 KSNW 3 KS 1050		0801 WKBS 47 PA 167
0051 WWLF 56 PA 192-n-s/f	2 Tr 2330 WFWA 39 & WKJG 33		over CFMI
0040 W69AI NY 195	+Ft Wayne 367, WGTE 30		0808 W62AD NY 135
(Stamford WSKG 46)	Toledo gd 259 w/WUTV 29 off		(Nedrow WCNY 24)
0055 W22** NY 66	7 ES 1815 KBTX 3 TX 1281		0818 W64AK OH 144
(Olean TBN)	1925 KXAS 5 TX 1224		(Connecticuit WVIZ)
0100 W60AI NY 62	9 ES 1900 KOTV 6 OK 1022	20 ES	1910 WEAR 3(AL) 984
(Cuba WNED 17)	10 ES 2000 UNIDS from NS & NF		1912 WBRZ 2 LA 1113
0130 WGBS 57 PA 270	14 Tr 0810 CICO 42 ON 185	21 Tr	0705 Lima OH 27,35
29 ES 1700 WBRZ 2 LA 1113	(Parry Sound: TV Ontario))	0713 CBLFT17 68 ON
1700 WEAR 3(AL) 984	0830 WGKI 33 MI 343	9	relig audio no Frenc
	m / T. M 1 1 D 011		100E ROMO 9 RG 100/

& Lansing U's 1910 KSNW 3 KS 1050 So far this year's skip season has been horrible. Unless july brings 26 ES 1030 KDIN 2 TX 1223 an amazing turnaround, this will be the worst skip season I have ever seen. The best days so far are May 29th and June 26, but even those were nothing spectacular. With the exception of June 26, the problem with this

Detroit, Toledo, Bay City

24 ES 1905 KSNC 2 KS 1094

year's opening is that they did not last long, they may start out strong but only last a 1/2 hour or so. June 26 did end up lasting awhile, but it was not a very strong opening, signals were weak most of the time. As of June 27 I have not seen KMIV,KINE,KYIV, or KOTA on channel 3 yet, and that is unheard of! Trops have not been great either, but there have been some interesting openings here and there, so not a total washout. Is the new ch 53 lansing Michigan a religious station? Maybe Sarnia picks up 53 London off the air, explaining my logging of them (68) with religion. Oh well, hope to see you all at Dunkirk in a week or so! 73, Greg

EASTERN TV DX

AUGUST 1991

Dave Nieman HO-STA-GEH Road Rock City NY

Equipment: RCA 9" TV, 4 bay DX TELE LABS EU4-S preamp (not working right).
Radio Shack V-110, both antenna at 12' above ground 2392' ASL.
RG-6 coax used.

May 1991

25	GW		WGRZ		NY	52	25	ŤΓ		WEIKR		NY		25			Ш72AG Э−17) G			
	Tr	1205	WPSX WSTM	3		66 134				CKEO			142				ш76АМ			
		1206	CKVR	3	OV	171			1314	MOED	13	PA	136	Jur	ne 15	991				
	GW	1207	WIVB	4	NY	49		Gld		WNED		NY	71	1	Tr	1323	WJET	24	PA.	81
	Tr	1211	WTVH	5	NY	134					19		126			1324	WENY	24	NY	134
		1213	CBLT	5	ON	126		1 4		WXXI			94				CICUZ		UN	138
		1214	CIII	6	DN	138				WKBN			134				CHY3		DIN	140
		1217	WJAC	6	PA	122		E2641		W22??			2				MMGC			
	Gul	1219	WKBW	7	NY	48		CJW		W25AH			2				WENY	36		
	Tr		WRDC		NY	94				(W2DAE							MICZ			A-103 A 100
			WWCP		PA	122		Te		CBLF							WSKG			
			CFTO		DN	126		11	1331	CCI			120		E214		ш60АЈ		NY	
			WHEC		NY	94			1200				160		CHU		D-17)			13.5
			CFPL	10		156		401.1		CIII27							W65AJ			31
			WTAJ	10	122-100	106				MUTV			71							
			WIXT	9	NY	134		IL		WUHF			94				D-17)			
			CHCH		DIN	108				CIII			126		TΓ		WSYT			
				11		136				CEMI			126		GW		W81AI		VY	
			WPXI					Gω	1359	MNA8	49	NY	56				D-17)			
			CHEX			160			1402	₩59A I	4	NY	23		Tr	1344	WETM	18	NY	90
			WBNG			140			(WINE	0-17)	Alls	ento	W/T			1345	CICO1	8 18	DN	160
		1300	MICU	12	PA	81			1405	ш62А D−17)	3	NY	23							

I have a Winegard PA-4975 LIHF preamp on order from Rich Wertmen. Can't wait to try it on the MT. All stations new to Rock City, NY log.

Dave Nieman 12284 Nice Road Akron NY 14001-9529

Equipment: Same as last time. New are underlined

1ay 1991

29	Tr	0030 W6	SAN		NY	122	30	Tr	0030	MXON	20	MI	245	3	Tr	0900	WFFT	55	IN	365
		KG-46) B			9		400		001					7	Tr	0800	WNPI	18	NY	211
	(was	0100 W7				191	JUI	ne 1	991							0806	CFJP	35	PQ	300
	CulS	KG-46) J			n		2	Tr	0833	WBSX	31	MI	282	7	Es	1917	KDLH	3	MN	714
		0101 WG				264			0900	WGTE	30	OH	266	16	Es	1900	WEDU	3	FL.	1064
		0102 WI	YH	15	PA	215			0900	WBGU	27	OH	303	18	Es	0031	CJAP	3	NE	1226
		0131 WP	4-11	17	PA	265	3	Tr	0800	WBNX	55	DH	197			0106	CBNA	113	NF	1156
		0137 WT	VE	51	PA	226			0827	WANE	15	IN	365	20	Es	1200	WEDU	3	FL	1064
30:	Tr	0001 WF	LIM	28	MI	250			0830	WFWA	39	IN				1218	WPTV	5	FL	1134
		0014 ШЈ	IRT	12	MI	279			0831	WKJG	33	IN				1316	MCLX	6	FL	1001
		0017 WS	HM	66	MI	279			0831	WPTA	21	IN		23	Es	1230	WLBT	3	MS	983
200																1444	KATC	3	LA	1173
No	t mu	ch of a	skip	se	asoi	so f	ar.									1444	10110	-	5500	

Space filler/Equipment review: Any body looking for a second VCR or just a VCR that doesn't have a black out mute feature? The Emerson model VCR 765 model is one of DXer friendly models that for a pretty cheap price around \$200.00 or so. It is not that bad for DXing. The UHF does semm prone to overload but adj on UHF is OK, adj on VHF is OK too. For the price and OK results In my opinion I would recommend as a simple basic VCR and yes, NO MUTING or blackout feature to hamper DX- Dude from Joisey









Greetings again.. This time out, I will begin the yearly summery of services. Unlike past years, I will start with audio Subcarriers. I will wait until next issue before doing the video services owing to the imminent switch of services on the Satoms.

Galaxy 1

2 - WSM Nashville, Tennessee

3 - WFMT FM - Chicago, Illinois/Easy Listening Background Music

8 - Headline News Audio Portion

11 - CBN Radio Network/Religious Program Feeds

15 - WQXR - New York

Satcom 1 (formerly 3)

15 - Cable Radio Network/Japanese Radio

Westar 5

13 - Catholic Telecommunications Radio Network

18 - Sheridan Broadcasting Net. News (WAMO - Pittsburgh)

20 - KNOW Minneapolis Public Broadcasting/WCCO Minneapolis Spacenet 1

17 - KISN Provo-Salt Lake City/In-Store Music and Promo Morelos 2

14 - XEX Mexico City

Morelos 1

2 - XEFR Radio felicidad-Radio Acir feeds

Anik 2

17 - Radio France International/Chamber Music/French Canadian
News and Information Service

20 - CILQ - Q107 Toronto/ EasyListening Background Music/ Syndicated Feeds

23 - reading Service

Anik Cl (I can only deal with the east spot beams)

10 - French radio Services

20 - CJRT - Toronto

24 - background Music

ANIK 1

2 - CKKS (Kiss 97) Vancouver, BC/CKEY Toronto/BBC World Service/CKWX Vancouver

6 - CHIN Toronto/Background Music

8 - CHFI - Toronto

14 - CKAC Montreal/CITE Montreal/CJMS Montreal

15 - CBC french Radio Feeds

18 - CKRW Whitehorse, Yukon/CFTK Terrace, BC/CISN Edmonton/ CFWE Edmonton/CIRK Edmonton/CKER Edmonton Alberta

20 - CBC Classical French net./CBM Montreal/CBC English net/ CBC Radio Canada French net.

21 - CKNM Yellowknife NWT.

22 - CFMI New Westminster BC/CBU Vancouver/CBC net West

23 - VOCM St. Johns, NFLD./CHON FM Whitehorse, Yukon

24 - House of Commons French and English/CBC Stereo/ CBC Classical English and French

Westar 4

6 - Radio Revelation WCRP Guayama, Puerto Rica

7 - Southern Gospel Music/Hispanic Music station/ Religious Background Music/Yesterday USA 11 - 7 Super Radio Music Channels - Country Favorites. Classical Hits, Soft Sounds, Lite and Lively Rock, Classical Collections, New Age of Jazz, Soft Rock. 24 - Classical Music and Foreign Programming/BBC World Service/program Guide Spacenet 2 2 - Talking Book Network/Nebraska Public Radio 3 - WROL Boston - ethnic programs 5 - Sun Radio Net./CBNRadio Net. 9 - Rock Music Station/Transtar Country Music 15 - KVEG Las Vegas, Nev./KLON FM Long Beach, Calif./ 2 religious program feed channels/Ambassador Inspirational Radio Satcom 4 3 - RAI Italy from New York 5 - WRVL Lynchburg, Virginia 8 - KILA Las Vegas, Nev./Tidewater Radio Network/Barker Music Channel 15 - Yesterday USA Superstation/Lighthouse Inspiration Satcom 2 11 - WCIE Lakeland, Florida 18 - USA Radio Network Spacenet 2 9 - WCMO Hialiah (Miami) and Key Largo (FM) 21 - Voice of America feeds 23 - Radio France International Intelsat 53 West 24 - Radio Nacional de Buenos Aires, Argentina PanAmSat 22 - Radio Programas del Peru (730 khz) Lima, Peru Intelsat 27.5 West 15 - VOA feeds to Latin America 16 - BBC Radio Gorizont 14 West Maval Radio Gorizont 11 West Moscow Radio I (local network)

I hope this is not too confusing. the / seperates services. The number refers to the transponder. For non-IDers I simply put the type of program. If you have any additions of deletions $\underline{\text{please}}$ feel free to let me know. I do not get the Cl West beam services here or a large number of the highly beamed Morelos services. In the fall (after the yearly reviews) I want to open the column to the opinions of the members. There has been some suggestions to do this and I feel the time is right and that it is a good idea. So get ready to beam down those comments to this address. Any topic is open to print. See you in 30 '73's

Ody

Galaxy 3

. USING YOUR SCANNER FOR DETECTION OF E-SKIP:

AN EARLY WARNING SYSTEM

by Bill Niena jadly

Often E-Skip shows up with hardly any warning at all, even though you may leave your TV set for the lowest channel as most dxers do, often one wonders if there really is a better way then burning out your TV screen in the detect ion of E-Skip. Yes there is a better way.

Imagine just BEFORE E-Skip 'hits TV', you already have been 'tracking the opening' and know roughly were it is coming from! Sounds farfetched? Hardly.

Is there really a way to know even if you aren't near a TV set and haven't the foggiest idea ES is 'on its way'? Yes.....GET A SCANNER!

Though I am far from being a "expert" on scanner monitoring, I'd like to show you a better way to detect E-Skip. In the past I have detected E-Skip by scanning Low Band (30-50+ Mhz). I know some might feel this really is not that accurate and F2 might be involved. No, not really. Though F2 can reach 'low band', E-Skip also occurs here and almost always will show up just before TV (and maybe FM too).

First of course you'll need a scanner. Even the cheapest \$99.00 models will do the trick, mostly ALL cheap programmable cover 30-50 mhz. Of course if you can get a scanner that also covers 50-88+, you'll be in even better shape! First though you'll need frequencies to 'punch in'. Some WTFDA members are also into scanning and you might want to write to those members 1000 miles or so from your area, ask them for their local low band police or emergency frequencies. Also go to your local Radio Shack and purchase those "Police Call" books that they sell for \$8.00 or so. Except, buy a edition that covers states or provinces 1000 miles from your area. Enter these low band stations into your scanner. Make sure though, that your local police are not using these same frequencies. Set your scanner to scan, sit back and relax, when ES is there, you will know about it.

Now, if you have a deluxe model scanner that also covers low band TV and FM (like the PRO-2006 by Radio Shack). You can of course set the scanner to scan the 'blank' TV channels. If you have no local channel 6 for 75 miles or so, you can also 'punch in' 87.75 Mhz along with the low band 30-50 and 50-88 Mhz frequencies that you think might 'roll in with the skip', this way you will know if it reaches channel 6 (87.75 Mhz) you will hear it and that is your 'cue' to check FM.

Some or mostly all scanners 'cover' 50-54 Mhz band along with low band 30-50 Mhz. As most of you know, this is the six meter Ham Band and it is just a shade below channel 2. Here is a excellent place to scan, surely if you hear the Ham operators with a prefix W4 and your' in the W1 prefix area, you know for sure skip 'is in' and ch 2 on TV is likely to have skip too!

Belive it or not, the best antenna to use is the plain old 'whip' antenna that comes with your scanner. The idea here is that if you use a outdoor antenna or a beam, you'll have some problems perhaps with signals from ground wave stations 25-50 miles away, and your scanner will be constantly stopping on these semi weak stations often. Don't worry much about a outdoor antenna for Low Band E-Skip, I've heard Jefferson County MO. and Dade & Pasco County FL. on just a simple whip antenna.

What frequencies do I use? I'll just give you a couple, do to the fact that what works in my area may or may not work in yours.

42.120 Jefferson Co. MO. (A famous one! Often heard Coast to Coast!)

45.520 IL. 42.600 (Several Southern States) 39.400, 33.475,31.000 (Various)

33.940 Pasco Co. FL. (Plus other Southern States can be heard on this one.

52.525 (Ed Phelps of KY. says that this is the National 6 meter calling frequency).

Well, good luck and GOODXING! -Dude from Joisey . A

TIME TUNNEL

NOT ALL BROADCAST ENGINEERS ARE WELL VERSED IN THE AREA OF 'SKIP' RECEPTION. EVEN FEWER STATION OPERATORS AND UPPER LEVEL MANAGEMENT PEOPLE UNDERSTAND [OR ARE EVEN AWARE OF] THE PHENOMENA WHICH CAUSE IT. THE FOLLOWING IS AN ABRIDGED REPRINT OF "TECH NOTES" FOR ENGINEERS AND MANAGERS. IT WAS MEATITEN BY WIFDA MEDIBER DOUG SMITH WHEN HE WAS AT WISC-TV IN MADISON, WI. HE'S NOW WITH THE ENGINEERING DEPARTMENT OF WSWV IN NASHVILLE. EDITED FOR VADUUSE BY TOWN BETWANT; 849 TODD PREIS DRIVE; MASHVILLE, TENNESSEE 37221.

SIGNAL "SKIPS"

First, a look at Sporadic-E (Es). This is reflection of signals from densely ionized patches in the ionosphere. It occurs most often near the equinoxes and usually is best around local noon, although it may last well into the avening. The frequency and intensity of sporadic-E is NOT appreciably affected by the 11-year sunspot cycle. Es is observed approximately 35 days a year on to channel 2. Generally, an Es opening will bring in stations from 600 to 1000 miles. Occasionally, two Es openings will "link together", bringing in signals 1200-2000 miles distant, as well as stations at the 800-1000 mile midpoint. Es is characterized by extremely rapid and deep fading and vastly different paths on nearby frequencies. It's not unusual to see video from one to station while hearing audio from another. Because of the "skip zone", you'll see/hear stations in a circle out 500 miles in diameter, and centered about 800 miles from your location.

The other common propagation mode is tropospheric propagation (Tr), or "tropo". Tr is caused by refraction in a lower layer of the atmosphere. Tr occurs most frequently in the summer and fall; and near sunset and sunrise (especially sunrise). Like Es, Tr can occur at any point in the sunspot cycle. Tropo is present to some degree about 90 days a year. Tropo openings bring in signals from virtually every station within a given radius of the receiver. There is no "skip zone"; and tropo can extend out to as far as 1000 miles; although it usually covers only 100-300 miles. Tropo is usually observed first at higher frequencies; and is frequently observed throughout ALL the VHF/UHF broadcast assignments. Generally, signals have little short-term fading. Also, signals may be seen/heard from several areas at once. "Tropo ducting" is a result of the formation of a 'natural waveguide' between two points 500 to 1000 miles apart, resulting in extremely strong signals from a specific area; and [usually] nowhere else. Tropo ducts are most likely to form on the UHF channels. Other characteristics of tropo ducting are similar to those of regular tropo.

F-2 propagation occurs in the layer of the ionosphere that normally reflects shortwave radio signals. F-2, at the peak of a sunspot cycle, may become capable of reflecting signals on frequencies as high as 80 mHz. This could result in reception of tv channels 2-5 from any point on earth! Please note that outside Japan and the Americas; different tv standards are used, thus many F-2 tv signals will not 'lock up'.

Auroral propagation occurs when signals are deflected by the aurora borealis ('Northern Lights'). This mode causes severe phase distortion. TV and FM receivers are likely to consider auroral interference as an increase in the noise level. This phenomenon seldom produces an identifiable signal, and is rarely obversed south of the 40th parallel.

Finally, there's meteor scatter. This is the reflection of signals from the ionized trails left by meteors entering the earth's atmosphere. Ms signals can be extremely strong, but generally last only a few seconds. Meteor scatter can occur at any time of the year or day, but is generally best at sunrise and at particular times of year when "meteor showers" occur.