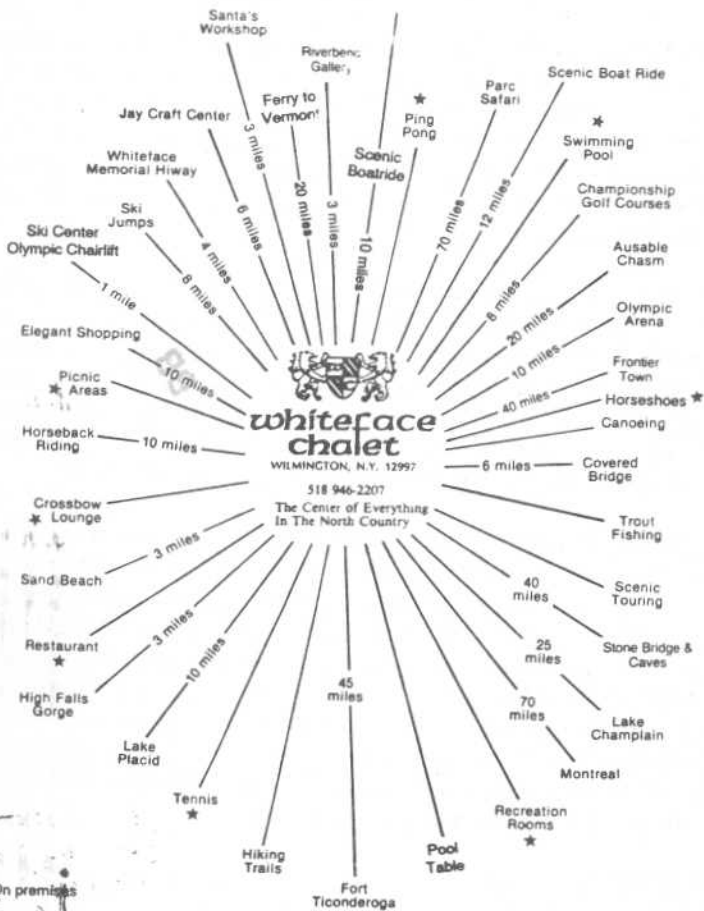


Vhf-Uhf DIGEST

The Official Publication of the Worldwide TV-FM DX Association

JULY 1995

COME TO LAKE PLACID FOR W.T.F.D.A. CONVENTION '95!



*On premises



WORLDWIDE TV-FM DX ASSOCIATION
POST OFFICE BOX 514-BUFFALO, NY 14205-0514-U.S.A.

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first class mail

11/95
BILL NOLLMAN
35 NYE ROAD
GLASTONBURY CT 06033

WORLDWIDE TV-FM DX ASSOCIATION

SERVING THE VHF-UHF DX ENTHUSIAST

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

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FROM THE STAFF:

CONVENTION SCHEDULE: In keeping with the wishes of many who will be attending the August 4-6 get together, host Peter George has kept 'scheduled' events to a minimum. Pending last-minute clearance, an after-hours DXpedition atop Whiteface Mountain is planned for Friday evening. There will be a minimal extra charge for those wishing to make the trip. The only other scheduled event is the Saturday evening banquet. An open forum panel discussion and WTFDA quiz are on the agenda following the banquet.

LAST MINUTE DECISION? Not sure whether you'll be able to join the rest of the gang at the Whiteface Chalet? Last minute arrival should not be a problem. The Randas (proprietors of the inn) assure us that in case they are booked up, there are plenty of alternate accommodations nearby. Even if you have to lodge elsewhere, you'll still be able to take advantage of the breakfast and banquet meal plan. Convention registration will be \$5.00 at the door (advance registration preferred, please use the center foldout form in last month's VUD).

1996 CONVENTION: As noted previously in this section, bids will be accepted soon for the 1996 WTFDA convention. As part of our effort to improve the process of site selection, prospective hosts will be asked to submit an outline of proposed activities, a description of the convention site, planned on-site DXing gear, and hotel/motel facilities. Of course, in pre-planning, it's impossible to know EXACTLY what you'll be able to offer...and plans may well have to be changed to accommodate unexpected occurrences. The primary reason for the request will be to inform members about what they might expect...and the information will be particularly useful in the event that more than one bid is received and a final choice decided by a vote of the full membership.

NEXT MONTH: Look for the return of "TV PHOTO NEWS" and "MAILBAG". Jeff Kruszka and Matt Sittel say they're ready to go. Thanks guys...it'll be good to see both of these features back in print.

TV News

Doug Smith
 1385 Old Clarksville
 Pleasant View, TN
 37146-8098

Abbreviations used in this column:
 ERP= Effective Radiated Power in kW
 HAAT=Height Above Avg. Terrain
 nc= no change
 TL= Tower Location
 CP= Construction Permit
 Pr= Province (of Canada)
 *= Non-commercial
 CRTC=Canadian Radio-Television Commission
 DBS= Direct Broadcast Sat.
 SS:= Spanish language
 LPRT=Low Power Relay Transmitter (Canada)
 TBD= To Be Determined

APPLICATIONS TO CHANGE CONSTRUCTION PERMITS

St	Ch	ERP	HAAT	Call	City
OH	40	4744	174	WLMB	Toledo

(TL: 41°44'41"N, 84°01'06"W)
 (central Lenawee Co., Mich., 30km NW of Toledo. Was 2400kW/224m. Note new calls.)

CHANGES GRANTED TO CONSTRUCTION PERMITS

St	Ch	ERP	HAAT	Call	City
AZ	61	2500	541	KASW	Phoenix
OK	62	54	144	KMNZ	Okl. City

(TL: 33°20'01"N, 112°03'44"W)
 (TL: 35°36'48"N, 97°28'27"W)
 (on the KOCC-88.9 tower in the OKC tower farm)

APPLICATIONS TO CHANGE EXISTING STATIONS

St	Ch	ERP	HAAT	Call	City
IN	4	58.9	357	WTTV	Bloomington
UT	14	1400	1181	KJZZ	Salt L. C.
WI	48	1350	292	WEUX	Chippewa F.

(was 55kW/366m)
 (was 1637kW/1173m)
 (TL: 44°57'27"N, 91°40'08"W)
 (roughly 12km west of Chippewa Falls)
 (was 60.3kW/98m)

CHANGES GRANTED TO EXISTING STATIONS

St	Ch	ERP	HAAT	Call	City
CA	42	1820	1087	KESQ	Palm Sprrs
CA	60	3540	362	KCSM	San Mateo
HI	11	30.9	-180	KHAW	Hilo
HI	13	30.9	-180	KHVO	Hilo
IN	59	4500	304	WXIN	Indpls.
NE	15	5000	453	KXVO	Omaha
OH	23	5000	nc	WAKC	Akron
ON	3	72.4	nc	CITO	Timmins
ON	6	nc	nc	CFCL	Timmins
PR	44	308	nc	WVEO	Aguadilla

(was 316kW/192m)
 (was 1550kW/369m)
 (was 2.09kW/-188m)
 (was 4.68kW/-185m)
 (was 2090kW/302m; to be 900kW vertical)
 (was 1290kW)
 (change in TL granted)
 (change in TL granted)
 (was 251kW)

APPLICATIONS FOR NEW STATIONS

Religious organizations have applied for low-power stations in Edmonton, Alberta (two applications for channel 39); Steinbach, Manitoba (channel 30); Winnipeg, Manitoba (channels 36 and 48); and Saskatoon, Saskatchewan. (channel 33) One of the Edmonton stations has applied for the calls CJTB. Also, an application has been filed for a low-power multilingual station on channel 62 in Montreal.

NEW STATIONS ON THE AIR

Slidell, LA: WUPN-54z:
 4376kW/213m, 30°17'08"/89°54'18"
 somewhere near Lacombe, La., about 40km NE of New Orleans.
 UPN affiliate; granted an operating license in early June. Not sure of the callsign, this was changed from KAJH in April.

Omaha, NE: KXVO-15z:
 5000kW/453m, 41°04'15"/96°13'30"
 on the KPTM-42 tower near Gretna
 A press release sent by Ernie Wesolowski claims KXVO would sign on 5/27/95. Ernie writes that technical problems delayed signon until June 10. WB affiliate.

Bobcaygeon, ON: CFTO-n-54z:
 223kW; TL and HAAT unknown
 Seen testing by Mike Reid in late May. To eventually relay CFTO-9.

CHANGES ON THE AIR

Station; VUD date

KRMA-6 Denver, CO;
WKPD-29 Paducah, KY;
WZBU-58 Vineyard Haven, MA;
KTFH-49 Conroe, TX;
WAWB-65 Ashland, VA;

CALL LETTER CHANGES

City; channel	Was	Now
Anchorage, AK; 20	K20AG	KCFT-LP
Springdale, AR; 57	new	KSNB-TV
Washington, DC; 48	W48AW	WMDO-LP
Indianapolis, IN; 11	W11BV	WIIH-LP
Slidell, LA; 54	KAJH	WUPN?
Toledo, OH; 40	WXAE	WLMB
Nashville, TN; 12	W12BV	WRMX-LP
St. George, UT; 55	K55DL	KDLQ-LP

(the new calls in Slidell are illegible in my reference but look like WUPN.)

NETWORK CHANGES

Station	Was	Now
WREX-13 Rockford, IL	ABC	?
WTVO-17 Rockford, IL	NBC	ABC
WEHT-25 Evansvil., IN	CBS	ABC
WEVV-44 Evansvil., IN	Fox	?
WTVW-7 Evansvil., IN	ABC	Fox
KTMF-23 Missoula, MT	ABC	ABC/Fox
WURB-43 Lorain, OH	ind	UPN/WB
KROZ-36 Roseburg, OR	ABC	ABC/WB
WWCP-8 Johnstown, PA	Fox	Fox/UPN
W29AH Pittsburgh	Box	WB
WYOU-22 Scranton, PA	CBS	CBS/UPN
WGBA-26 Green Bay, WI	Fox	Fox/UPN
WTRF-7 Wheeling, WV	CBS	CBS/UPN

W29AH may have changed calls to WTWB-LP. (it definitely uses those calls on the air but I have no official word of a call change)

OTHER STUFF

The city of license for CBAT3 has changed from Chatham to Miramichi, New Brunswick. The towns of Chatham and Newcastle merged to form the new community. This change also affects LPRT CKAM2.

Religious TV is now a reality in Canada. The channel 17 grant rumor Dave Sinclair heard has been confirmed by the CRTC. The calls CJIL have been assigned; the station will use 31.6kW ERP. Several other religious station applications have been filed, mostly in western Canada. With one exception (one of the channel 42 applicants in Vancouver), all applications are for relatively low power, less than 50kW.

The former WVGA-44 Valdosta, Ga. may be back on the air. A WWW page on the Internet lists a "WGVP-44 Tallahassee", a WB affiliate. The WWW page lists stations by market, not city, and Valdosta is indeed in the Tallahassee market. Another mystery on this WWW page: a "KWEB-13", a WB affiliate in the Phoenix, Arizona market. KKTm-13 Flagstaff is a WB affiliate, but I don't think they've changed calls.

In an unusual move, the FCC has allocated another channel to Albion, Nebraska to solve a competing applications problem.

In 1993, Citadel Communications, owners of KCAN-8 in Albion, applied to move KCAN to Lincoln, a distance of some 60 miles. The FCC approved, under the condition that Citadel build a satellite transmitter for KCAN on channel 18 at Albion.

Fant Broadcasting, owners of KTVG-17 Grand Island, threw a wrench into the works. They filed a competing application to establish a full-service station on channel 18 at Albion. With the Commission's comparative-hearing rules in limbo, there would be an indefinite delay in deciding who'd get the channel.

Apparently on its own motion, the Commission found a solution. They added another channel, 24, to the allocations table for Albion. Citadel will be allowed to modify its channel 18 application to specify channel 24 instead; then, the FCC will grant both applications. This, in turn, paves the way for Citadel to complete the move of KCAN to Lincoln.

As an aside, Busse Broadcasting, owners of KOLN-10 Lincoln, objected to the channel 24 allocation. They wrote that it makes no economic sense to allocate two commercial channels to a town of 1,380 population in a county of 6,600 population. True, but FCC policies don't permit the denial of an application on that basis!

A subcommittee of the House of Representatives has approved an amendment that would allow foreigners to own U.S. broadcast stations. The bill, opposed by Democrats, passed 19-9. It's expected that Republicans will temper the bill to gain Democratic support, probably by attaching a "reciprocity clause". Such a clause would only allow foreigners to buy U.S. stations if their home countries allow Americans to buy broadcasters.

(Other Stuff, contd.)

Fox has invested in another TV group, triggering another set of affiliation changes. 20% of Petracom Broadcasting has been purchased; Petracom owns KARD-14, KDEB-27, WTVW-7, and KLBK-13. The two UHF stations are already Fox affiliates. WTVW will switch from ABC to Fox, with ABC moving to WEHT-25 and displacing CBS. No word yet on who will become the CBS affiliate, but current Evansville Fox affiliate WEVV-44 is the most likely choice. The changes are to take place in about six months.

FORUM

Keith Smith, St. Louis MO:

Keith sends newspaper items regarding programming changes on the UPN and WB networks. Both are making radical moves. UPN has cancelled everything except Star Trek: Voyager, replacing their comedy programs with dramas. On the other hand, WB is only cancelling Muscle, but they're also adding a second night of programming. (Sunday. WB had previously only operated on Wednesdays)

Another item, from the Jacksonville, Illinois Journal-Courier, brings up a mystery. The paper's TV listings show a "WRAU-13", an ABC affiliate with local news. I have no idea who this is. It isn't a cable channel (as cable channels are shown elsewhere in the listings). WRAU-19 used to be the ABC affiliate in Peoria, but the calls changed to WHOI years ago, and WHOI is also listed but with different local programs. I suppose this could be a LPTV, though I have no such listings.

John Combs, Orlando FL:

There's been plenty of LPTV activity down John's way. First, W48AY Oldsmar, Fla. is on the air. So far, it's just testing, with a crawl that promises "multi-lingual programming".

Also on is W26AX Clearwater, with SUR South American television. John had seen that one before, but only with test patterns.

In Tampa, W20AV is confirmed on the air, with The Box.

Back to Orlando, W47AL is now all Spanish preaching. When no religious programs are available,

they run full-field color bars with "CANAL 47" supered. The switch of Telemundo from W07BZ to W40AQ appears permanent, with W07BZ picking up SUR.

Eric Bueneman, Hazelwood MO:

A quick email note: K62EG St. Louis is now 24 hours with EWTN Catholic television. The station supersedes its call letters several times an hour.

Fred McCormack, St. Paul MN:

Fred confirms the KDLQ-LP call change above. He also has answers for several LPTVs shown in the May TV News.

John Combs' channel 56 relay of WTMV-32 is W56CN Venice, Fla.. Dennis Smith's KMPH on channel 40 is K40DQ Tulare. Fred shows nothing on channel 68 at Fresno, but there's a CP for K69GV there.

In May, Ben Wilkie had written about reception of Boston LPTVs on 32 and 33; I commented "How they got channel 32 and 33 in the same city is beyond me!". Fred answers that question, and Ben's observation that the Box LPTV (33) is stronger than the Telemundo (32). Fred shows W33AV's tower as being in Gloucester, Mass., 24 miles from W32AY's downtown Boston site. W33AV has filed an application to move closer to W32AY; the application would also move the station to channel 54. No action has been taken on that application yet.

Michael Parks, Amery WI:

Michael has noted some "weirdnessees" about Star Trek: Voyager as it appears on secondary affiliate KBJR-6. He also sees the program on primary affiliate KMSP-9; but on channel 6 there are no promos for other UPN programs, no UPN voiceover on the closing credits, and the promo for next week's episode is different.

On the WB, KLGT-23 has moved the network programming from Wednesday to Saturday. They'd done it on a one-time basis due to sports, and the ratings improved so much they got WB permission to make the move permanent.

Michael believes a LMA has been signed between KXLI-41 and KVBM-45. As evidence, he mentions that KXLI delayed plans for new programming until KVBM was ready to pick up their previous HSC. The

(Forum, Michael Parks, contd.) stations use identical fonts on their character generator. They share the same announcer, and now are airing promos for each other's shows.

Michael asks whether Paxson is buying KXLI or just leasing some of its airtime. My comments were based on an application to purchase the license, so I'd say the station was indeed sold.

Mike Collins, Stratford CT:

The protection of channel 37 has been formalized. The channel is used for radio astronomy- I believe the resonant frequency of the hydrogen atom is in channel 37. In 1963, the FCC agreed not to authorize any TV stations on this channel for 10 years. The agreement was extended several times between 1973 and 1986, and finally became a permanent policy in 1986 after an international agreement was signed.

On January 27, the FCC proposed a new, specific, policy for protection of channel 37. No new TV stations will be allocated on channel 37. Further, no new stations will be allowed on channels 36 or 38 if their signal strength would exceed 64dBu at any of the 13 radio astronomy sites listed in the rulemaking.

The one station already violating this standard (WJWN-38 San Sebastian, PR) would be allowed to continue to operate at its current facilities, but would not be allowed to increase its field strength in the direction of the Arecibo astronomy site.

Three other stations aren't currently in violation, but would be restricted from increasing to full facilities. KQCT-36 Davenport, Ia. would be limited to 850kW at 610m; WSBK-38 Boston to 1600kW at 610m; and WDWL-36 Bayamon, P.R. to 650kW at 329m. One LPTV station (the CP for K38DR Cedar Rapids) is just short of the 64dBu standard and would not be allowed to increase facilities.

Finally, the allocation of channel 38 to Hilo, Hawaii would be deleted. There are no applications on file for this channel.

Regarding new WTVU-59 New Haven, Mike writes that it applied to move to channel 26 in the 1960s, swapping its channel 59 to New London, Conn. The FCC denied the request.

6

Bill Hepburn, Brampton ON:

Bill sent a list of Canadian information. One item explains the "BBS" insert seen on many Canadian stations. It stands for "Baton Broadcasting System", and refers to the owners of several stations. Mostly news and sports are shared among the stations, though some other programs are also shared. BBS is not a network as such.

Karl Zuk, Croton-on-Hudson NY:

More news from the LPTV front... WTZA-62 now has a translator in Pleasantville, NY on channel 57. This is probably W57BP, licensed to Nyack; their tower coordinates are well to the east of Nyack, and pretty close to Pleasantville. WTZA airs ANC and local news, and several other local programs.

Karl is still providing his Es logo maps. Send a SASE with \$0.55 postage to:

Karl Zuk
154 Old Post Road North
Croton-on-Hudson, NY
10520-1932

These maps are an excellent unID aid during skip season!

Jeff Kadet, Macomb IL:

More LPTV station news, and some unIDs.. New on the air are W21BE Champaign (TAB), W67CW Peoria (religious), W52BR Champaign (test pattern), and W46CH with The Box. (Jeff believes it's in Champaign. I have no listing.) Steven Branch in Champaign has also seen W21BE but makes no mention of W52BR or W46CH in a list of LPTVs there.

Three Angels was noted mentioning a new LPTV coming on in St. Louis in early June, and a CP issued for Davenport, Iowa. Channels not given.

WCFC-38's test pattern now also lists a W51CD. This station is in Rockford, Illinois. Neil Kazaross in the Chicago area also wrote to mention this station, which replaces W68BR. Neil has never seen WCFC's LaSalle translator W51AF, and believes it's off the air.

(Forum, Jeff Kadet, contd.)

Finally, Jeff has three unIDs. Troops were up to central Arkansas at the time:

K62?? Channel America
K58?? TBN zero to K58DH
K67?? Regis & Kathie Lee;
Pine Bluff ad

Joe Fela, S. Plainfield NJ:

WNYX-LP has indeed moved to channel 39. Joe says it moved on May 25. The station had been IDing as both W38AM and WNYX; it now IDs as both W39AM and WNYX! Both Joe and I are pretty sure W39AM is an invention of WNYX's owners.

Two more LPTVs have appeared relaying WNYX. W52BN Mineola is one. The other is on channel 58, and appears to be to the south of the other relayers- Joe speculates south Brooklyn or somewhere near Kennedy Airport. I have no listing for a 58 anywhere in the area and would think WNJB would make that difficult- could this 58 actually be somewhere in South Jersey?

WLIQ-55 translator W44AW Morristown isn't a 100- relay of WLIQ anymore. Some syndicated series had already been blacked out from W44AW, but now some movies area also substituted. Joe says a "cable version" of WLIQ is on Manhattan cable systems, and it appears W44AW is carrying this "cable version".

John Lentz, Muskego WI:

John has some information on the CP for WWRW-52 Mayville. This station is located about 35 miles northwest of Milwaukee. Anyway, a DXer friend of John's who works for WWRW's owner (at one of his co-owned radio stations) was told that construction is progressing, and WWRW is trying to negotiate a CBS affiliation. The theory is that WWRW will fill CBS' coverage gap resulting from their move to WDJT-58.

To be honest, I rather doubt CBS will agree to this affiliation. WDJT-58 has solid plans for technical improvements, and WWRW's coverage would eat into that of CBS-owned WFRV-5 Green Bay. Then again, these days you never know!

John has also heard (indirectly) from the owners of WJJA-49 Racine, a HSC affiliate. They're making \$1million/year in profit carrying HSC; with little overhead, this kind of huge profit is definitely possible!

Pat Dyer, San Antonio TX:

Yet another LPTV... K25ES has come on the air, relaying the channel 52 LPTV but with a better signal. Both stations carry the INSP religious network. I have no details on channel 52.

Jeff Kitsko, Latrobe PA:

(Jeff, I hope I got your city right!) Jeff forwarded some network affiliation information. Among it, the note that the Denver switch will take place July 1. This switch has KCNC-4 going from NBC to CBS; KMGH-7 from CBS to ABC; and KUSA-9 from ABC to NBC.

Also mentioned, that Fox is launching a Sunday morning magazine show in the fall. It'll first air on Fox-owned stations, then go to the entire network.

Finally, Jeff is looking for advice on the best antenna, how high it should be, and the best type of coax cable. He's been having trouble receiving any DX further than Cleveland. My general advice is to put up the biggest antenna you can afford, as high in the air as you can afford, and use the thickest cable you can afford. I'm sure our more technically-minded members have more solid advice!

DX ETC.

A few decent Es openings, including some new Texas loggings. Plus, a good long-haul Texas tropo in early June which brought 600+ mile UHF's. It hasn't been a spectacular season, but the season is still young. Good luck!

Doug Smith (W9WI/4)
1385 Old Clarksville Pike
Pleasant View, TN 37146-8098
Internet 72777.3143@compuserve.com

23 WAKC
FIRST IN AKRON/CANTON 7

F.M. NEWS

JULY 1995

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

ALABAMA:

Butler: WQGL 93.5 PG> 25 kW, 693 ft, XC
 Carrollton: WALN 89.3 CC (NS)
 Dothan: W212AS 90.3 NS-25w(v); WLBFB9.3AL
 Russellville: WSHK 97.7 PG< 1650 w, 623 ft.

ALASKA:

Houston: *NS 92.1 AF
 Houston: *** 96.3 GA to add class A

ARIZONA:

Apache Jct: KVVA 107.1 NC to 25 kW, 313', RE (3rd)
 Bagdad: KAKP 103.9 CC (NS)
 Bisbee: *NS 90.1 AF
 L.Village: KEGT 103.5 NO-GE (3rd)
 Nogales: KZNO 98.3 CC (ex KLCR) "La Zeta"
 Prescott: KAHM 102.1 PG< 58 kW, 2526 ft.

ARKANSAS:

Atkins: *** 99.3 GA to add class A
 Bentonville: KOLZ 98.3 one step appl for C1, 100 kW, 600 ft, DA, XC: 36-07-38 / 93-59-23
 Helena: KFFA 103.1 PG> 13 kW, 318 ft, class C3
 Little Rock: KSYG 103.7 CC (ex KKYK), adds Imus
 Nashville: KNAS 105.5 FC to Jones oldies (&)
 Stuttgart: KWAK 105.5 FC to country, "Wings 105.5"
 Wrightsville: KYTN 107.7 PG> 50 kW, 312 ft, class C2
 Yellville: KCTT 101.7 QC from 97.7

CALIFORNIA:

Arcadia: KMAX 107.1 adds Tom Joyner (Los Angeles) may drop the ethnic programming
 Arnold: KBYN 95.9 NO-GE
 Bakersfield: KTQX 90.1 PG> 590 w., 3572 ft, class B
 CO: 35-27-05 / 118-35-10
 Big Bear City: KBHR 93.3 NO-GE (4th)
 Calipatria: KSSB 100.9 LC
 Carlsbad: KKOS 95.9 one step appl. for 95.7 B1
 7200w, 804', CO: 32-5-24 / 117-14-52
 Copperopolis: KRVR 105.5 CC (ex KRVI) "The River"
 Coming: KCEZ 100.7 FC to 70's oldies (&) (Chico)
 Fallbrook: KBAX 107.1 //KMAX Arcadia (see above)
 Garberville: KHUM 104.7 CC (ex KBEY)
 Gilroy: KUXF 94.5 adds Imus (San Jose)

California:

Greenfield: K265DK 100.9 NS-250w; KTOM 100.7 Salinas
 Lemoore: KQYZ 104.9 NO-GE (2nd)
 Lompoc: KAKV 106.7 CC (NS)
 Needles: KWAZ 97.9 PG> 29.5 kW, 1551 ft, class C1
 Newberry Sps: *** 103.7 GA to add class A
 Oakdale: KDJK 95.1 CX CP for 16 kW, 876 ft (DE-2nd)
 Patterson: KZMS 97.1 NO-GE (2nd)
 Paradise: KZAP 96.7 CC (ex KZZP)
 Quincy: KSPY 100.3 NO-GE (5th)
 San Joaquin: KVPC 105.5 NO-GE (6th)
 Thousand Palms: KLOB 94.7 PG> 1.8 kW
 Ventura: KAAX 107.1 //KMAX Arcadia (see above)
 W.Covina: KMQA 98.3 PG< 650w, 971 ft,
 CO: 34-09-15 / 117-48-00

Woodlake: KFRR 104.1 adds Bob & Tom (Fresno)

COLORADO:

Basalt: KNFO 106.1 CC (ex KVYT-CP)
 Eagle: KQMT 101.5 FC to adult alt. (Breckenridge)
 Gunnison: KKYV 98.3 NC to 15 kW, RE
 Loveland: KTRR 102.5 FC to SMN Z Rock (&)
 Manitou Sps: KIKX 102.7 PG< 57 kW, 2280',
 CO: 38-44-23 / 104-51-41

Ourray: KURA 105.7 PG> 7 kW, -23 feet
 Silverton: KTRN 103.7 NO-GE

Steamboat Sps: KBCR 96.9 CC (ex KSBT)

CONNECTICUT:

E.Lyme: WXZR 98.7 PG> 5.5 kW, 279 ft, XC

FLORIDA:

Edgewater: WKRO 93.1 CC (ex WEDG) "Crom Flow"
 PG> 14.9 kW
 Ft. Lauderdale: WSHS 103.5 FC to adult progressive rock
 Ft. Myers: WOLZ 95.3 PG< 78,510w, 476ft,
 XC: 26-30-18 / 81-51-13
 Ft. Walton Bch: WJUS 96.5 NO-RE
 Graceville: WYDA 101.7 NO-RE (5th)
 Panama City: WFSW 89.1 NO-GE (2nd)
 Silver Sps: WLVX 95.5 PG> 6 kW
 Tarpon Sps: WYFE 88.9 PG< 60 kW< 466 ft,
 CO: 28-15-27 / 82-41-31
 Winter Park: WLOQ 103.1 CX CP for 14 kW, 440ft, DA



FM NEWS

GEORGIA:

Bowdon: WYAI 105.5 NO-RE
 Buford: WLKQ 102.3 PG> 4 kW, DA
 Hawkinsville: WQSY 103.9 NC to 10.5 kW, 495', but RE
 Sasser: WEGC 107.7 CC (NS), 25 kW, 328 ft.
 Sparta: WMGC 97.7 PG> 8.5 kW, 554 ft, XC:
 33-20-41 / 83-12-41, CL: Eatonton, GA, class C3
 Talking Rock: *** 100.1 PA to add class A
 The Rock: *NS 88.9 AF
 Trion: WATG 95.7 NO-GE (2nd)
 Vidalia: WGPB 91.5 PG> 40 kW, 508 ft.

HAWAII:

Hilo: *NS 91.1 AF (Hawaii Public Radio)
 Pipou: KSRF 95.9 NO-RE (2nd)
 Waimea: KAGB 99.1 NO-RE

IDAHO:

Sandpoint: KSPT 102.5 CC (ex KJDE)
 Shelley: *NS 107.9 AF
 Twin Falls: *NS 88.9 AF (isn't this one on already?)

ILLINOIS:

Augusta: WAHI 98.5 LC
 Chicago: WMBI 90.1 PG> 100 kW (v),
 CO: 41-55-41 / 88-00-25
 Chicago: WLS 94.7 FC, talk now // AM 890 again
 Danville: WDNL 102.1 adds WW1 adult con. (&)
 Decatur: WJMU 89.5 PG> 1,650 watts
 E.Moline: WLLR 101.3 adds After Midnight
 Freeport: *NS 89.1 AF
 Knoxville: *** 105.3 GA for class A
 Lawrenceville: WAKO 103.1 NC to 6 kW, 248', RE (2nd)
 Loves Park: WLUV 96.7 FC to Jones CD Country (&)
 Mendota: WGLC 100.1 FC to SMN country (&)
 Monee: WGNR 88.9 inc. to 81 ft., XC
 Ramsey: WJLY 96.7 PG< 2550w, 505 ft.
 Rushville: WKXQ 96.7 PA to change to 92.5 class A
 Springfield: WJGM 89.7 NW, contemporary Christian &
 Virginia: *NS 101.3 AF
 Warsaw: WIUW 89.5 NW, info/fazz/classical//WIUW

INDIANA:

Loogootee: WBHW 88.7 CC (NS)
 Monticello: WMR5 107.7 PG< 2450w, 515 ft, DA
 CO: 40-40-08 / 86-41-44
 Plymouth: WNZE 94.3 adds WW1 soft AC (&)
 Princeton: WSJD 100.5 NO-GE, PG> 6 kW, DA
 CO: 38-21-11 / 87-36-27

IOWA:

Algona: KLGA 92.7 PG> 3.5 kW
 Boone: KRUI 98.3 adds After Midnight
 Eldon: KRKN 104.3 CC (ex KACG)
 Iowa Falls: KIFG 95.3 PG< 6kW, XC: 42-30-52/93-12-53
 Muscatine: *NS 93.1 AF
 Ottumwa: *NS 89.1 AF (Iowa St.)
 Sageville: *** 106.1 GA to add class A

KANSAS:

El Dorado: KTLI 99.1 NC to 100 kW, 617 ft, RE (4th)
 Fredonia: *NS 104.1 AF (KGGF-KUSN, Inc.)
 Lamed: KGTR 96.7 CC (ex KQDF)
 McPherson: KBBE 96.7 PG> 6 kW

KENTUCKY:

Campbellsville: *NS 91.7 250w, 210' (Amer. Family Assn)
 Cattlesburg: WRVC 92.7 CC (ex WCMI)
 Cave City: WHHT 103.7 SG "Mix 103", sat. AC (&)
 Danville: WMGE 107.1 SG "The Skunk" (!)
 Elizabethtown: WQXE 98.5 NC to 98.3 yet
 Georgetown: WTKT 103.3 PG< 1.8 kW, 607 ft,
 XC: 38-02-07 / 84-27-02
 Hardinsburg: WULF 94.1 CC (ex WHIC)
 Midway: WAHY 107.9 CX CP for 6 kW
 Vine Grove: WRZI 101.5 SG "Ritzy 101.5"

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LOUISIANA:

Basile: KSIG 102.1 one step appl for C2, PG> 50 kW
 492', CO: 30-19-59 / 92-21-21
 Buras: KMRL 91.9 NW, contemporary Christian
 De Ridder: KEAZ 101.7 reported SI
 Dry Prong: KVDP 89.1 PG> 4.5 kW
 Erath: KPFL 107.7 QG to 107.9 - C1, 10 kW, 584 ft.
 Franklinton: *NS 98.9 AF
 Jena: *NS 88.1 AF
 Mamou: KAHK 101.1 GA for class C3 (CP)
 N.Fort Polk: KCIJ 106.7 NW, contemporary Christian

MAINE:

Bath: WBCI 105.9 adds SKY cont. Christian (&)
 Madison: WIGY 97.5 CC (ex WHAA-CP)
 Presque Isle: WQHR 96.1 CC (ex WTMS)
 Waterville: WEBB 98.5 PG< 63 kW
 Winter Harbor: *NS 97.7 AF

MARYLAND:

Berlin: *** 94.9 PA to add class A
 Braddock Hts: WQVR 103.9 CC (ex WZYQ), "Extra 104"

MASSACHUSETTS:

Falmouth: *NS 91.9 654w, 177' (Univ. of Mass.)
 Northampton: WEIB 106.3 NO-RE (5th)
 Woods Hole: *NS 90.1 AF

MICHIGAN:

Alpena: WHSB 107.7 PG> 100 kW, 610 ft,
 CO: 45-03-46 / 83-42-56
 Grand Rapids: WCUZ 101.3 adds After Midnight
 Greenfield: *** 107.7 PA to delete this class A
 L'Anse: *NS 106.1 50 kW, 492 ft.
 Lansing: WHZZ 101.7 CC (ex WILS), "Z 101.7"
 Marlette: WBGV 92.5 NO-RE (4th)
 Negaunee: *** 106.7 PA to add class A
 Newberry: WUPQ 97.9 XC: 46-27-21 / 85-05-44 (492')
 Stephenson: WFON 106.3 NO-RE
 Stockton: *** 107.7 PA to add class A

MINNESOTA:

Bagley: *NS 96.7 AF
 Bemidji: KCRB 88.5 dec. to 974 ft.
 Hermantown: *NS 92.1 AF (Harbor Broadcasting)
 Holly Springs: WHLE 94.9 NO-RE (4th)
 Redwood Falls: KLGR 97.7 NC to 60 kW, RE (3rd)
 Roseau: *NS 102.1 AF
 St. Joseph: KKJM 92.9 NO-RE
 St. Louis Park: KMJZ 104.1 CC (ex KJJO) "Jazz"
 Slayton: KLOH 103.1 QG to 106.1, 50 kW, 484 ft, C2
 CO: 43-53-01 / 95-55-44
 Springfield: KNSG 94.7 NO-RE (4th)
 Two Harbors: WRSR 104.3 NO-GE, PG> 50 kW, 233 ft,
 class C2, CO: 47-00-03 / 91-53-00

MISSISSIPPI:

Columbus: WACR 103.9 NC to 50 kW, 492 ft, RE
 Flora: WXFJ 97.5 NO-GE (3rd), QG to 97.3
 class C3, PG> 19,680 w, 367 ft, XC
 Hazlehurst: WMDC 100.9 FC to cont. Christian (&)
 Pearl: WVIV 93.9 PG> 25 kW, 328 ft.
 C3, CO: 32-15-09 / 89-54-10
 Sumrall: WJSJ 106.3 NO-RE
 Union: WZKS 104.1 PG> 18 kW, DA
 CO: 32-2953 / 88-53-20

MISSOURI:

Bismarck: *** 99.5 GA to add class C
 Booneville: KTLH 93.9 PA to class C2, CL: Fayette, MO
 Halfway: KYOO 99.1 NW, soft AC (&) (Springfield)
 Ironton: KYLS 92.7 one step. appl. for 92.9 class A
 at 770 watts, 676 ft.
 Maiden: KMAL 92.7 FC to Jones soft AC (&)
 Marshall: KMVC 91.7 NC to 3 kW, 459, RX

FM NEWS

ONTARIO:

Ajax: CJKX 95.9 PG> 5.11 kW
 Attawapiskat: *NS 107.1 AF: (10 watts) (Native)
 Barrie: CFJB 95.7 PG> 96.3 kW
 Barre: CJOB 101.1 PG< 795 watts
 Bntt: CBEZ 107.7 NO-CX-DE
 Brockville: CHXL 103.7 PG> 53 kW, XC
 Dryden: *NS 97.1 AF: 10w (would relay WMBI 90.1 Chicago, with 20hr/wk of local religious programming)
 Ft. Albany: CBCI 102.3 PG< 500 watts
 Mattawa: *NS 93.5 AF: 33w (for Oct. 7 to Oct. 8 only)
 Midland: CICZ 104.1 PG> 1,550 w
 North Bay: *NS 93.5 AF: 35 w. (for Aug 25-27)
 Parry Sound: *NS 88.9 AF: 20 w: CBC
 Pembroke: CBCD 96.7 QG to 92.5, PG< 49 kW
 Timmins: *NS 102.3 AF: 84w, religious music
 Verne: *NS 93.5 AF: 33w: (June 23-25 only)

PRINCE EDWARD ISLAND:

Charlottetown: CIMN90.3 NS: 50 kW

QUÉBEC:

Acton Vale: *NS 89.7 AF: 600w (religious)
 Bromptonville: *NS 89.5 AF: 600 w (religious)
 Cookshire: *NS 88.1 AF: 600w (religious)
 Donnacona: *NS 100.9 3.1 kW, French comm. station
 Havre Ste-Pierre: VF2013 104.7 QG to that freq. CC(ex VF2009)
 Îles de la Madeline: CBGA8 93.5 PG> 4.4 kW
 Îles de la Madeline: CBVM 95.3 PG> 4.2 kW
 Jonquières: CHOC 92.5 PG< 2,693 watts
 L'Annonciation: CKLO 1490 QG to 101.9, 1.15 kW (relays CFLO 610 Mont-Laurier, PQ)
 La Patrie: *NS 88.5 AF: 600w (religious)
 La Sarre: CJMM192.5 PG< 270 watts
 Lévis: CFLS 102.9 PG< 5,315 watts
 Mont-Laurier: CFLO 610 QG to 104.7, 10.98 kW
 Pipolis: *NS 89.1 AF: 600w (religious)
 Plessisville: CKTL 95.7 QG from 1420 AM, 1 kW
 Ste. Anne des Plaines: CFIC 103.1 NO-CX-DE
 Ste. Croix de Lotbinière: *NS 105.5 18w: This one will be // the new 100.9 Donnacona, PQ
 Sherbrooke: *NS 89.7 AF: 600w: religious
 St. Jean-sur-Richelieu: CFZZ 104.1 PG> 1.35 kW
 Ste. Anne des Monts: CJMC 100.3 QG from 1490, 15.85 kW

Valleyfield: CKOD 103.1 QG from 102.9

Weedon Centre: *NS 92.7 AF: 600w (religious)

Windsor: *NS 88.1 AF: 600w (religious)

SASKATCHEWAN:

Caronport: *NS 92.7 5 watts, to be religious

YUKON:

Beaver Creek: *NS105.5 3 w (TIS)
 Carcross: *NS 105.5 3 w (TIS)
 Dawson City: *NS 105.5 0.9 watts (TIS)
 Dawson City: *NS 105.5 3 watts TIS
 Destruction B.: *NS105.5 3 w (TIS)
 Eagle Plains: *NS105.5 3 w (TIS)
 Ft. MacPherson: *NS105.5 3 w (TIS)
 Haines Jct.: *NS 105.5 3 w (TIS)
 Pelly Crossing: VF2041 105.9 QG to 100.1
 Ross River: *NS 105.5 3 w (TIS)
 Stewart Crossing: *NS105.5, 9 w (TIS)
 Upper Liard: VF2038 90.5 QG to 98.1
 Watson Lake: *NS105.5 3 w TIS

FAVORITES

Yesterday Today



JULY 1995

Thank to many contributors this month! Doug Smith was very kind to forward much of the Canadian information that appears! I am very happy to be able to provide more in-depth coverage of that nation, so it is much appreciated! Also, thanks go out to Matt Sittel, Eric Bueneman, Dave Markson, Jim Thomas, Tim Noonan, Bruce Elving, Mike Lazaro, Saul Chemos, Tom Bryant, Pete Taylor, and the folks at M Street Journal. For information on other M Street Products, such as their yearly journal, and the weekly newsletter (which contains more info than this column, such as industry happenings, AM changes, etc.), contact them for subscription information at the address on the header of this column!

A few changes in the area of abbreviations in this column. I thought that OSA would be a good abbrev. for "on step application", which appears regularly, so I will be working that in. Also, there may be some confusion on the difference between "CO" and "XC". To hopefully make this clearer, "transmitter change granted" will become "XG", very similar to PC and PG for power changes & grants. This hopefully will also clarify "XC" as a change that has taken place. And, to clarify two common radio-world abbreviations that also appear here: CP stands for construction permit, and ND for non-directional (antenna).

From the Internet: On Sunday, May 14, vandalism hit the tower site of Tri-Cities, Michigan market stations WCRZ-FM 107.9 Flint, "Cars 108", and WWBN 101.7 Tuscola "The Banana". Both these stations are relocated on a 370 ft. tall tower on South Vassar road, which was toppled in the incident. Quoting from the *Flint Journal*, of May 16th: "Police arrested a Burton man, 17, and expected to arrest a second person today in the vandalizing of a radio station tower Sunday that knocked two popular FM stations off the air." Police had a tip, and collected evidence at the suspect's house, including utility pole guy wire, and wire cutters. John E. Risher, the VP/GM of the station, hoped to either purchase a new tower quickly, or put back up the old tower that had been replaced four months ago by the current tower which was felled. That could cost around \$150,000, he said. Risher was also worried about the loss of air-time during the critical ratings period. WWBN was back on the air the next day, with the DJ's broadcasting from the Cars 108 motor home right next to the tower. WCRZ-FM eventually went back on the air on May 25.

Dave Markson writes to inform us that WOWZ 97.9 -NY is indeed running in stereo (Bruce Elving had been wondering about that possibility), thanks! Dave also mentions rumors that one of the two Boston area FM country stations is going to change format. Suggestions are that it could be WCLB 105.7 (Framingham). WBOS 96.9 (Boston) has apparently answered these rumors, with on-air promotion to the effect that the first listener to call in after any format change would win \$1,000,000!! It would be a pretty expensive change, hi.

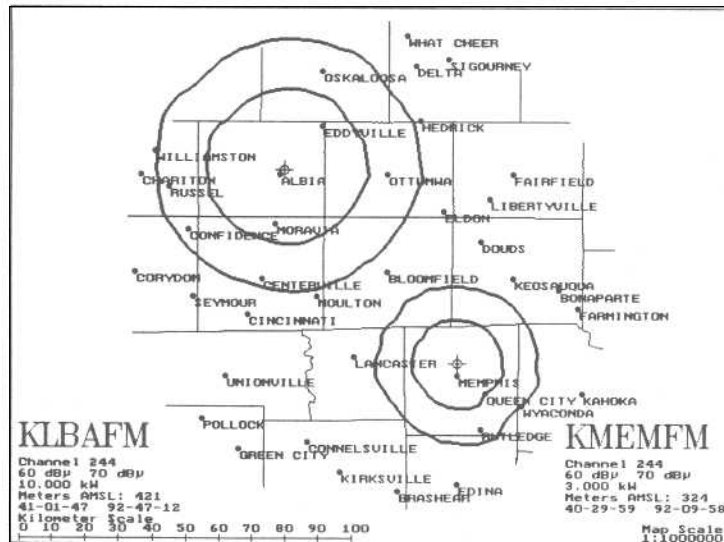
FM NEWS

This item comes off the Internet from Doug Smith, and is related to the change at WSHE 103.5 Ft. Lauderdale to "Adult Album Alternative", or progressive/AAA music. Apparently, someone in the South Florida area has recently been guilty of electronic sabotage against many area stations. Remotes and traffic reports on many stations have had their remote feed jammed. WSHE, worried about this person, made the format switch from night at the transmitter site, to prevent jamming! But, as soon as they switched back to the STL, the jamming began, forcing the station off the air for 35 minutes. The FCC is looking into this, although this makes their planned move of their field office from Miami to Tampa less popular....

Items of interest on the Internet: Mike Lazaro tells us of a new World Wide Web site put out by CBC that is interesting. Look up <http://radioworks.cbc.ca/former> information. I believe they have CBC station listings! In a related topic, Doug Smith writes to say that CRTC updates in the form of text files can be downloaded via "FTP", from the site: info.ic.gc.ca Check the directory [/public-data/regulatory/gazette/1995](http://public-data/regulatory/gazette/1995) for the information. There are also directories for 1993 and 1994 still in existence under the gazette directory. You can also "subscribe" to CRTC updates, i.e. receive changes in the form of e-mail. Send an e-mail message to this address: liisproc@info.ic.gc.ca In the first line of your message, type this: sub_gazette-list<your_name> Jim Thomas, of Fort Collins, Colorado (By the way, very nice job on the WTFDA Decal, Jim! -gc) let me know of an interesting situation in his area. Recently, KMJL 100.3 Denver, changed to "Kim-FM", traditional

call letters in the Denver area, KIMN, with a format of 70's soulies. Problem with this: KIMN 107.9 Fort Collins still had those calls! Jim was confused, as he saw no change for the 107.9, and it confused me as well, since I could not find a change. 100.3 was using the calls, and 107.9 was monitored without hearing any call letters at all. With the assistance of Robert Unmacht of M Street Journal, here is what is going to (or already has?) transpired: 1. 107.9 Fort Collins, CO goes from KIMN to KIMN-FM; 2. KSMJ 1380 Sacramento, CA switches to KIMN; 3. KIMN-FM 107.9 Ft. Collins will apply for a new call; 4. 100.3 Denver will officially become KIMN-FM; 5. 1380 Sacramento may end up changing calls again.

Bruce Elving writes to say that he has signed "a settlement and consultancy agreement with Harbor Broadcasting to allow them to build a 92.1A Hermantown, MN" Bruce had the FCC allocate that to the Duluth market. That change can indeed be found in the "Minnesota" section of this month's FM NEWS. Bruce also mentions his FMedia! newsletter is available to DXers at a special rate of \$25 a year, or \$12 for six months. The newsletter, while featuring FM news items, also contains related topics, including some "DX friendly", and other items such as pirate stations. It is probably well worth that price! Bruce asks about the rumor that the WTFDA Convention site was going to be changed. Check more recent VUDs to come out since you wrote, Bruce, hope you have caught the change by now, and can make it there!



More information on the KLBA 96.7 Albia, IA / KMEM 96.7 Memphis, MO situation that Neil Griffin alerted us to recently. The inner circle of the above map shows the 70 db "city grade" coverage, with the outer circle being the 60 db coverage. Note that any coverage beyond the 60 db contour is "extra" and not protected, so it may appear that there is no cause for complaint here! (Although the two signals do come pretty close). KMEM is reportedly set to move to 100.5. Thanks to M St. for the information. The maps also come from M Street, from their new M Street Map Service, using Radiosoft's FMR mapping software. They can provide coverage maps in a variety of ways, site location, county/city coverage, station vs. competition, CP vs. licensed facilities, etc. If you are interested in purchasing any maps, contact them at the address listed in FM NEWS' header. 13



The History Of WTFDA

(CONTINUED)

(Written by John Zondlo, edited by Tom Bryant)

STILL IN DEERFIELD

The Club's 1972 annual convention was held August 3-6 in Marrero, LA with Ron LeBlanc hosting talks on FM DX techniques by Glenn Hauser and Mike Dorner, and on TV antennas by Dave Janowiak. The get-together was summarized in September 1972 VUD, with convention photos appearing for the first time.

1973 began with Don Ruland taking over the FCC-TV column with several detailed reports on Mexican TV by Glenn Hauser. Bruce Elving, for his work on behalf of DXers through his FCC-FM column and FM Atlas, was chosen as the 1973 Man of the Year by the Association of North American Radio Clubs (ANARC). It was the first time such an award was given to a TV-FM oriented DX club member.

Dunkirk, NY was again the site of the WTFDA convention as Bob Seybold hosted the club's fifth annual gathering August 2-5. Conventioneers voted to eliminate third-class mailing of the VUD, and debated whether DX reports in VUD should be edited or printed verbatim. In a year-end report, Morrie Goldman stated that 1973 was a bad year for WTFDA; membership had leveled off around 330, and the club was losing money.

1974 was a busy year for the club. Two new WTFDA publications

were released: "BEYOND SHORTWAVE" and "UHF TRANSLATOR DX GUIDE". In addition, Don Ruland took over as VUD editor, Jim Alexander started Photo-News, L. Vogt took over Southern FM DX, and Bill Draeb was the new Central TV editor.

In May 1974, a search began for a new FM North editor. All efforts to contact editor Russ Brown failed, with all reports apparently lost. Edward Barboni was chosen to replace Brown.

Results of a WTFDA membership survey, published in the June 1974 VUD, rated Bob Cooper's Tek-Notes the most popular column. The survey also indicated the need for an article reprint service, and discussed the question of DX reporting format. It also indicated a great deal of member apathy, which showed itself in the total of nine votes received for the WTFDA convention site. Dave Pomeroy hosted the gathering in Topeka, KS on August 2-4, which was highlighted by a TV DX discussion by Glenn Hauser, Morrie Goldman and Mark Lewis.

Throughout the year, membership declined until it hit 288 in November. Morrie Goldman editorialized in the VUD on WTFDA's problems (including a lack of technical articles, inconsistent columns and editors, late VUD's and bland club publicity) and urged members to ride out the temporary slowdown.

1975 was a dramatic year for the club. It began with an announcement that Bob Cooper would be taking over the VUD editorial and publishing duties within a few months. Cooper later reconsidered his offer, and decided against taking on those tasks. Early in the year, dues were raised to \$11.00 per year.

In June the "WTFDA TV STATION GUIDE" (first edition) was released; a publication that had been in the making for several years. Frank Aden took over the CCI column in 1975, John Zondlo took the Mailbox column, Dave Pomeroy became FCC-TV editor, and Steve Wiseblood edited Western FM DX. Two new columns were introduced: PS Spectrum by Terry Colgan, and TV CCI Aids by John Combs (both columns were later phased out).

Ft. Lauderdale, FL, defeated in the 1974 convention voting by Topeka, became the 1975 convention site. Ken Simon hosted the August

1-3 affair which featured a portable "illegal" FM station, and E-skip from Mexico City on FM. Some members complained that none of the WTFDA Board members attended. At that same time, member Glenn Hauser experienced an historic E-skip opening up to channel 13.

WTFDA reached another crisis point in 1975, this one more serious than the one in late 1971. An "IMPORTANT NOTICE" was sent to about a quarter of the club members. It read, in part: "Publication of all future VUD issues beyond the January 1976 issue is immediately suspended. This condition will remain in effect until a qualified volunteer steps forward." Peter Oprisko enlisted the help of members John Zondlo and Mike Hogan, and the Northwest Indiana publishing crew was born.

THE CHANGE

The New and revitalized VUD underwent many changes during 1976. The front cover design was changed in April, and changed again in July. The VUD became more attractive as new editor Clarke Ingram stressed layout and graphics. The magazine also became more colorful, as publisher Peter Oprisko designed a cover color scheme. The April 1976 "Special FM Issue" is considered one of the best VUD's of all time. July's Bicentennial Issue featured a chronological history of WTFDA, and August brought forth the largest VUD ever; 72 pages.

Bob's Tek-Notes and TechniCorner returned after a short absence as the crew put an emphasis on technical articles. Fred Nordquist took over as Northern FM DX editor in 1976, while Dave Cox assumed the Southern FM DX editorship. Ken Simon inaugurated the International Notes column.

WTFDA's Reprint Service was inaugurated in the summer of 1976, making past technical articles available to members at a nominal cost. Over 1,500 pages of material were handled with the first year before Clarke Ingram turned over the operation to club distribution manager Mike Hogan.

The largest club convention ever was hosted by Morrie Goldman in Chicago, August 6-8. Nearly 60 members assembled to hear talks on polarization and DX by Dave Janowiak, FM SCA by Bruce Elving,

and a Panasonic video cassette demo by Gary Olson.

November 1976 brought an announcement that WTFDA's membership had topped 300 for the first time in more than two years. A Whiting, IN HQ address was introduced. At this time, the popular "UHF TRANSLATOR GUIDE" went out of print.

1977 ushered in a new club policy requiring that ten percent of each VUD be devoted to technical material. The VUD was streamlined, with some sections combined to reduce the overall number of columns from 25 to 15, and the number of DX columns from 7 to 5. A detailed summary of WTFDA's third membership survey, which took almost a year to complete, appeared in mid-year and rated Bruce Elving's FCC FM column the most popular in the VUD.

WTFDA's Board of Directors presented a very well received discussion on the preparation of the VUD at the 1977 ANARC convention in Schaumburg, IL during July. Those present were given a first-hand look at preparing the VUD, as the July issue was prepared for mailing in the back of the meeting room as guest speakers lectured. Glenn Hauser was named ANARC's Man of the Year.

Our own club's convention was held on the west coast for the first time in 1977. Frank Aden, Bill Block and Pat Martin staged the successful gathering in Portland, OR over the weekend of August 5-7.

Heavy recruiting efforts brought WTFDA's membership up to a then all-time high of 342 in October 1977. A mass mailing of information brochures to over 700 AM broadcast band DXers highlighted the recruiting.

Facing time problems due to conflicts with college work and his chosen career in broadcasting, Clarke Ingram decided to relinquish the VUD editorship in late 1977. Ingram's departure was hastened by member complaints of late VUDs. He said his farewell to the membership in the January 1978 VUD, his last.

The January 1978 VUD noted the 10th anniversary of the club. It featured the best technical articles from the club's first ten years and lived on as a DX primer. Regular columns were suspended for this issue.

1978 showed greater support from western members with the first western VUD editor, Frank Aden. Two new publications were brought out, "EDUCATIONAL FM" and "ONDAS FM", both by Mike Dorner.

In search of PSB was inaugurated by Don Blevins in the May 1978 VUD. One other new column, WTFDA Newswire by Morrie Goldman, saw its beginning in 1978. New editors for old columns included Bruce Goldsen for Northern FM and Danny Buntin for Southern FM. The highlight of the articles submitted was Robert Goodman's continuing series on tropo.

Louisville beat out New Orleans for the club convention. Hosts Ted Fleischaker and Wayne Murphy staged the affair July 28-30. The convention featured a boat ride down the Ohio River.

E-skip was at a low in 1978. There was very little tropo, except for the huge opening that covered the entire eastern half of the country in late August. F2 skip opened up late in the year and trans-Atlantic openings were commonplace, especially along the east coast.

Editor Frank Aden elected to give up his post as 1978 drew to a close. He cited the lack of technical articles, member apathy, and other problems as reasons for resigning.

Eastern TV DX editor Bill Thompson assumed the job of VUD editor-in-chief as 1979 began. Technical content of the VUD increased as Thompson beat the bushes for articles. A statement from the club's Board of Directors in the January VUD detailed WTFDA's accomplishments in the past year and the hopes for the future.

New column editors included Ralph Strobel (Northern FM), Fred McCormack (Western TV), and Mike Hogan (TV Statistics). Dues were increased to \$13 per year, the first increase since 1975.

WTFDA continues to grow and prosper. With support from the membership, it will remain one of the top clubs in the DX hobby.

(Editor's comments: It's interesting to note that the old saying "...the more things change, the more they stay the same..." seems to apply unusually well to the WTFDA. In the 15 years since this account was written, the club has continued to experience ups and downs, dues increases, changes in staff, etc. Nobody ever said it would be easy, and as is the case with most volunteer organizations, it wasn't. The bottom line is that the WTFDA is alive and well in 1995; and all indications are that as long as there is FM and TV DX, there will be a WTFDA!

PHOTO-NEWS

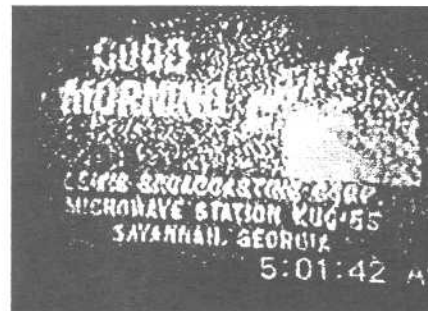
Jeff Kruzka
7706-M North Jefferson Place Circle
Baton Rouge Louisiana 70809

July 1995

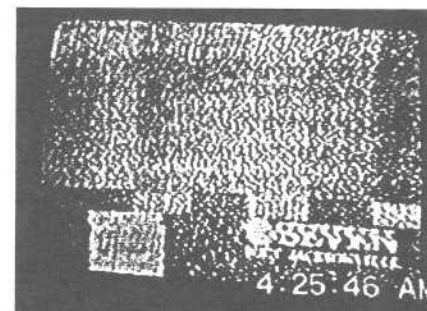
Greetings! Well, it's been a year since the last Photo News column, and a year too long! The DX photos have always been my favorite part of the VUD, so I have volunteered as your editor. I have access to an HP scanner at work, as well as Aldus Photostyler software for modifications (brightening, sharpening, etc.). So send in your photos today! As always, please include calls, channel, date, and time with each photo, and a list of your equipment.

To start things off, here are some recent photos from my collection:

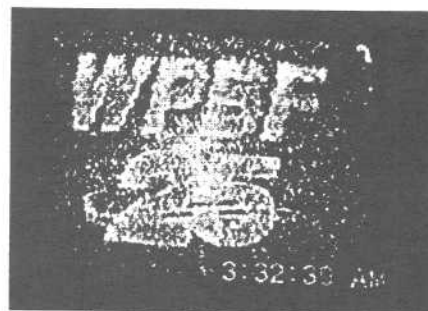
Equipment: 1992 Zenith "Sentry 2" 13" color TV, Channel Master 4228A 8-bay w/RDX Labs UA-900 preamp for UHF, dipole and quad loops for VHF. DX videotaped w/Sony Handycam model CCD-TR91.



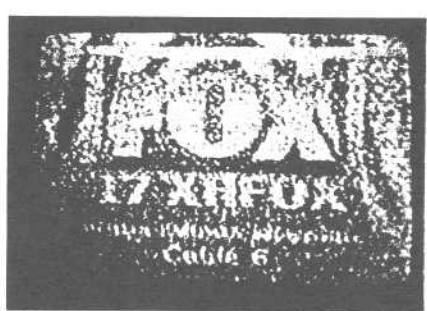
WJCL-22 Savannah, GA
605 mi Tr seen 3/23/95
@0500 CST



WJCT-7 Jacksonville, FL
565 mi Tr seen 3/23/95
@0424 CST



WPBF-25 Tequesta, FL
715 mi Tr seen 3/23/95
@0330 CST



XHFOX-17 Reynosa, TA
535 mi Tr seen 5/15/95
@2200 CDT

FINAL CONVENTION UPDATE:

How to get there....

From Metro NY/NJ: North on NY Thruway to exit 24 Albany/Montreal. North on Rt. 87 Adirondack Northway 104 miles to exit 30 - Lake Placid-Olympic Area. West (left) on Rt. 73 for 17 miles to village of Keene, right on Rt. 9N - Upper Jay/Whiteface Mountain, for 7 miles across a small bridge, then left on fork to Whiteface Mountain. County Rt. 12. Whiteface chalet is 3.7 miles up this winding road.

From Montreal: South on Adirondack Northway, Rt. 87, to exit 34, Lake Placid/Olympic Area. Left, west, on Rt. 9N to Jay. Right on Rt. 86 to Springfield Rd. (Methodist Church). Left on Springfield Rd. for 1 1/2 miles to Whiteface Chalet.

Cornwall Border Crossing: Follow directions to Malone, Saranac Lake, Lake Placid, Wilmington. After passing Whiteface Mountain Ski Center, turn right on Fox Farm Rd. (KOA sign) for 1 mile to Whiteface Chalet.



SPRINGFIELD ROAD
WILMINGTON, NEW YORK
12997
TELEPHONE: (518) 946-2207
(800) 932-0859

Here's hoping you'll be able to join the fun!
Have a safe trip to WTFDA '95 at the Whiteface Chalet.

EASTERN TV-DX

Stephen West
1077 Sandy Narrows Court
Virginia Beach, VA 23454-5516

(804) 428-8057

July 1995

Deadline: 5th

Many reporters have seen skip (especially on May 20th) and tropes waiting for the band to really open. William Hepburn had an unusual catch. Thanks to all reporters for your contributions!

Leslie Wood, 1463 Tadmor Street, N. Merrick, L.I., N.Y. 11566

Equipment: RCA 19' Portable TV, Channel Master antenna and a CM rotor. GE-VCR

May 1995

20 Es 1900 WEDU-3 FL
21 Es 1800 WEDU-3 FL
27 tr 2300 WMPT-22 MD

May 1995

27 tr 2320 WBOC-16 MD
28 tr 0130 WPTY-50 DC
0230 WLYH-15 PA

Comments: Not much E skip noted in May. The tropo was nice and strong from DC and MD. My best Es catches are KOTV-6 OK and KATC-3 LA. My best tropo is WITN-7 NC. I have a little library of video ID's. (Leslie, what model antenna do you have? Remember to underline new stations you log. Thanks for the report. sw)

Jeff Wolf, 2217 Drury Road, Silver Spring, MD 20906

May 1995

20 Es 1511 UNID-2+
1821 WCIX-6 FL (MUF 104.7)
1901 WPBT-2 FL

May 1995

21 Es 1434 UNID-2+
2204 UNID-2 ABC, zero offset
MUF to channel 4

Russel Miller, P.O. Box 1736, Houlton, Maine

DX location: Amity, ME

Equipment: 1978 Zenith 25" color TV, 1984 Quasar 19" color TV, R.S. Optimus 57 VCR, VHF C.M. Quantum 1110, C.M. 18 db gain pre-amp, RG-6 coax, C.R. yagi, Gemini 22 db pre-amp with RG-59 coax. 685' A.S.L. 35' A.G.L.

May 1995

5 tr 0000 WCSH-6 ME (200)
WGME-13 ME (200)
WNDS-50 NH (265)
note #1
W18AY ME (200)
TBN on 19, see note #2
WENH-11 NH (250)
0330 WUNI-27 MA (320)
0800 WGBX-44 MA (300)
WMEA-26 ME (213)
WFXT-25 MA
WSBK-38 MA (300)
WPXT-51 ME (200)
W14AB ME (120)
CIHF-45 NS (150)
CJCH-40 NS (150)
CBHFT-46 NS 150
7 Es 1626 WCBD-2 SC (1146)

May 1995

18 Es 1315 KUSD-2 SD (1400)
20 tr 0021 WPXT-51 ME
WMEA-26 ME (213)
0021 WGME-13 ME (200)
0042 CBCT-13 PEI (233)
0134 W41AY ME (130)
0141 WNDS-50 NH (265)
0150 WUNI-27 MA (320)
21 Es 1118 WSMV-4 TN (1075)
1118 UNID-3 UCTV SC?
1157 WKRN-2 TN (1075)
22 Es 1820 WBAY-2 WI (1015)
1930 WCBD-2 SC (1146)
1957 KDKA-2 PA (734)

Note #1- TV Guide lists as WNDS
Database lists as WQNH
Note #3- Located in Dover, ME

Comments: N.B., N.S. and P.E.I. do not ID their stations properly, which makes it difficult to log. I am setting up a DX shack 75' higher with nothing blocking it for miles! Future reports should show an improvement of DX!

Eastern TV DX

July 1995

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

Equipment: Sears 19" color stereo TV; Archer VU-160 for VHF; RS corner-reflector for UHF, with CM-7475 preamp.

May 1995 DX

6 Es 1047 unID CBS-4 w/News 4 Storm Warning
XHRIO-2t TM interview w/XE govt. official
1057 KPRC-2 TX (677) Houston/Ft. Bend Co. ad
1100 KIII-3 TX (861) ad, ID, into progr. in S:
1128 KBTX-3 TX (654) preacher w/local talk

Note #1

9 Tr 0906 unID-26 w/ ID bars, too weak to read
WHSL-46 (MO) (232)
KAIT-8 AR (217)
unID-14 religious

9 Es 0930 unID-2

10 Tr 0840 WMAE-12 MS (151) // WMAO-23; completes
full-power MS ETVs.
local ads
WJTV-12 MS (343)

11 Es 1311 unID ABC-3, NBC-2

13 Es 1933 unID-5
2041 KPRC-2 TX (677) getting real tired of this one!
2304 skip finally dies. MUF 88.5FM.

14 Es 0023-0145 Es to 93.9FM, PTA El Paso. (El Paso FMs IDd)

15 Tr 2352 WVEU-69 GA (236)
WHSB-63 GA (252)
WGNX-46 GA (236)
16 Tr 0001 WXIA-11 GA (239)
WNGM-34 GA (245) w/home shopping
0006 WMAO-23 MS (286)
WJSU-40 AL (200) rare
0039 W67CO AL (118) Huntsville TBN
0040 unID-25 w/TBN, suspect W25AD-MS
0138 W35AH TN (110) Jackson TBN
WXVT-15 MS
0142 WMCF-45 AL (279)
0152 W57BV AL (131) Florence TBN
0155 WLTZ-38 GA (298)
0200 WCOV-20 AL (283)
0203 WVTM-13 AL (200) "Alabama 13"
0207 W29AO AL (213) Anniston WBRC-6
0526 WCIO-7 AL (213) APT test pattern
WJSP-28 GA (279)
0800 WBSN-47 VA (249)

Note 2

16 Es 0917 unIDs to 97.1 FM, no IDs, 50MHz open to Havana
1249 XEFE-2 TA (950) ID
17 Tr 0826 KARK-4t AR someone w/NBC not // WSMV, not Es
17 Es 0845 unID-2
21 Es 1000 unID-2
1447 unIDs to 91.1; 50MHz to NM & KS
1711 unIDs to 3; Ed Phelps had New England
2155 unID CBS-3
KENW-3 NM (956)
2300 50MHz double-hop to Seattle for 2 hours

22 Tr 0806 WRGT-45 OH (276)
WCET-48 OH (234)

Es 0823 unID XEW-2 relay
0900 KENW-3 NM (956)
1042 KCNC-4 CO (1011)
1100 KREG-3 CO (1122) 5-10-3 ID; note 3
KWGN-2t CO WB logo
1142 RTWO-2 WY (1111)
KDUH-4 NE (949) KOTA-3 ID
1152 unID PBS-4
1156 KOTA-3 SD (1001) ID // KDUH

24 Es 0813 unID-4
KPRC-2 TX (677)
XEFB-2 NL (1075)
KIII-3 TX (861) local quality

31 Es 0835 skip out of TV but heard Miami on 50MHz.
0900 unID ABC-3

Doug Smith (cont.)

June 1995 DX

2	Es	1130 unID Mexico-2; MUF ch. 4 at 1135; gone by 1150
3	Es	1024 weak unIDs on ch. 2
		1600 unIDs to ch. 4
		1700 WPBT-2 FL (826)
		1805 unID-2; note 4
		1821 KMID-2 TX (945)
		1827 KSWK-3 KS (778)
		1934 KFDX-3 TX (670)
		1936 KACV-2 TX (827)
		1949 KDFW-4 TX (621)
		1955 KTX-5 TX (859)
		KENW-3 NM (956)
5	Tr	2100 KACB-3 TX (831)
		0337 WKZX-28 TN (100)
		0514 WYMT-57 KY (222)
		0530 KPLR-11 MO (230)
		0532 WKON-52 KY (192)
6	Es	1100 unID-2
	Tr	0809 WICS-20 IL (260)
		WKON-52 KY (192)
		WFYI-20 IN (246)
		WXIN-59 IN (246)
		WHMB-40 IN (246)
	Es	1108 KMID-2 TX (945)
		1136 MUF to 94.9 FM
		1200 skip almost gone

local news
 "Smoky Hills Public TV"
 tornado warning for
 Hardeman Co.
 Amarillo NWS warning
 calls, "4 & 27" logos
 calls
 calls
 legal ID w/KRBC-9



Miami in on 50MHz

- Note 1: 6 meters open to both Texas and Florida; worked CO20J (Havana, Cuba) about 1115. Had to leave about 1150 with opening in progress, but YL dates take priority over Es... MUF briefly reached 88.5.
- Note 2: Probably the most intense localized tropo I've seen. Near snow/free signals from Atlanta and Birmingham, usually not my best direction. No exotic distances though.
- Note 3: Channel 6 gone from this ID. KREZ-6 now relays KRQE-13.
- Note 4: Ad for "Room-Mates" futon store in the Staples shopping center. Anyone recognize this? Suspect KPRC.

William R. Hepburn, 35 Lockwood Rd, BRAMPTON ON, CANADA, L6Y 4T7

Rcvr: Panasonic PC-29XF40R TV, JVC HR-D630U VCR & Icom IC-R100 Rcvr
 Ant: attic VHF dipoles, 2nd floor UHF 4-bay

* = audio only.

MARCH 1995 (EST)	MAY 1995	MAY 1995
4 AU 1722 ch 2-4 hash	20 ES 1557 KTBS-3 LA T	20 ES 2100 WMAB-2 MS T
	1957 KPRC-2 TX 1302	muf 6
MAY 1995 (EDT)	2000 KJAC-4 TX T	22 ES 0100 KDTN-2 TX 1203
13 ES 1728 muf 4	KDUH-4* NE T	(w/tp)
1729 KPRC-2 TX 1302	2001 WBRZ-2 LA 1115	0151 KDFW-4 TX 1204
14 MS 0414 unid 2	2028 WWL 4 LA 1105	0839 muf 2
17 ES 1627 muf 2	2030 unid 3 w/CB tp	25 ES 1521 muf 4
19 GW 1051 XLL413-16 ON 1	2042 WLBT-3 MS 978	28 ES 2044 muf 3
Brampton (mobile)	2056 KWGN-2 CO T	

One new station in May...and it was a strange one! I came across a ch 16 one day that seemed to have a picture of bushes...while the audio had birds whistling & other extraneous noises. Curious, I kept watching. This rather mundane "show" continued for about 15 minutes, when all of a sudden, there was motion and a loud whirring sound..I saw what appeared like parkland, but there were also some strange fixed objects on the screen...the signal strength fluctuated rapidly. After a few minutes of this, and the sight of a parked OPP van (Ontario Provincial Police), it finally dawned on me what I had stumbled across...it was a bomb squad ROBOT being tested at the nearby Ontario Police Academy (about 3/4 mile away). (The fixed objects seen were likely various sensors or microphones). After driving around for about 1/2 hour, the robot finally drove into the back of the van and was turned off. I have yet to see it since. Offset was +28 kHz. Just goes to show that you never know what you can stumble across DXing!

BILL NIENAJADLY (KF2OK) PO BOX 2999 CLIFTON NJ 07015-2999

MAY 20 1995 ES	MAY 21 1995 ES	MAY 28 1995 ES
1100 CJAP 3 NF	1815 KYTV 3 MO	2100 WEDU 3 FL
1100 CJON 6 NF	2100 WPBT 2 FL	JUNE 3 1995 ES
1430 KYTV 3 MO	2100 WEDU 3 FL	1049 WLBT 3 MS
		JUNE 6 1995 ES
		1709 WCTV 6 GA

COMMENTS: IT HAS BEEN A HORRIBLE SEASON SO FAR WITH FEW ES OPENINGS AND NO TROPO NOTED HERE.

GOODXING! BILL *Bill*

WESTERN TV-DX

Victor Frank
 12450 Skyline Blvd.
 Woodside, CA 94062-4541

e-mail frank@sneezy.sri.com
 (415)851-7031

July 1995

Our hopeful TV DXer friend bought another remote control and can now tune his TV to channels 3 and 6 and receives Sacramento, sometimes. Does he have any chance at real DX? Stay tuned!

A Quantitative Look At TV Reception

It's a shame TV sets don't come equipped with S-meters or equivalent devices! If they did, deterioration of antennas, feedlines, and receivers could be detected, measured, and corrected. Antenna pointing would be facilitated.

We can, however, measure relative strengths of the various components of TV signals (video carrier, audio carrier, etc.) with a general-coverage receiver such as the Icom R7100 and a calibrated attenuator.

Although I can assume that the radio amateurs among our readers know all about dBs, microvolts, and milliwatts, it is dangerous to assume that all of our readers are familiar with these terms—so I am listing some definitions below:

- Watt: A measure of power, energy / unit time
 Volts: A measure of electro-motive force
 kilo: A prefix meaning 1000.
 deci: A prefix meaning 1/10 (one tenth)
 milli: A prefix meaning 1/1000 (one thousandth)
 micro: A prefix meaning 1/1000000 (one millionth)
 Bel: A logarithmic ratio of like quantities:
 dB: decibel: (one-tenth of a Bel)

$$dB = 10 \log_{10} (P1/P2) = 20 \log_{20} (V1/V2)$$

where P1,P2 are power levels, and V1,V2 are voltage levels across the same load impedances.

Thus 10 dB corresponds to a power ratio of 10, 20 dB to a power ratio of 100. Since power is proportional to voltage squared, 20 dB also corresponds to a voltage ratio of 10. -20 dB means V1/V2 = 1/10.

You may remember that I speculated in the April column that one might use a vertically-polarized antenna to discriminate against local (and tropo) TV signals in favor of Es signals which were not expected to retain their original polarization after passage through the ionosphere.

To measure the amount of rejection possible, I constructed a 2-element Yagi (with adjustable length elements) and mounted it and a rotator so as to rotate the plane of polarization. I also performed measurements of null depth possible with a horizontally-polarized log-periodic antenna rotated in the conventional manner.

I measured both antenna's performance on three local and two remote VHF low-band TV video carriers. The "figures of merit" are the dB values comparing vertical with horizontal polarization for the two-element antenna, and comparing the deepest null I could obtain with the horizontally-polarized LPA to the strongest peak.

Station	Location	V/H	LPA Null
KTVU-2	San Francisco	-13.4	-27.0
KCRA-3	Sacramento	-9.5	-29.7
KRON-4	San Francisco	-13.5	-24.5
KPIX-5	San Francisco	-16.0	-29.8
KVIE-6	Sacramento	-17.0	-28.3

I consider the V/H results disappointing. They may not be indicative of the actual polarization ratio (in dB) of radiation from the TV stations, but instead may be influenced by reradiation from other conductors in the vicinity and possible pickup by the outside of the feedline not being choked off by the balun used on the folded-dipole radiator.

Do not write vertically-polarized antennas off just yet, your conductor has yet to make measurements of the rejection possible with phased vertical elements.

Randy Miltier, KK6TQ/7, 1185 Linda Ave., Ashland, OR 97520

Well, it's the start of a new Es season. I retired from the Santa Clara Fire Dept. as of May 6th, so I'll be able to devote more time to Sporadic Es for TV and 6 meters. I installed a low-band (ch. 2-6) antenna for TV and have a 6 meter 5 element Yagi to put up. I installed the low-band antenna on May 7th, fired up the TV, and there was my old nemesis from DXing in California—KENW-3. KENW is definitely my most-seen station. I have many photos of them, but they are one of the very few I have no verie from. A couple of years ago, I was fortunate to talk to the CE at KENW. He told me he gets a lot of mail asking for verification of reception (who are all these people?). I told him I receive KENW in San Jose on a regular basis—he wasn't impressed. He told me to send him a letter, address it to him, and he would see to it that I got a letter of verification—do you think I ever received that letter!? Has anyone received a letter from KENW?

Al Tobia phoned me from Newark, CA, and said there was an opening there. I checked, but was doing some construction and could only get away for a glimpse. Al said it was open to ch. 6 (KRMA).

Welcome aboard to Victor Frank, I'm sure you'll have fun doing the column. And a big thanks to Fred McCormack for his years as editor of Western TV-DX.

May is starting slow, but I'm not really sure what to expect here as this will be my first full season here—should be interesting.

May 1995				PDT
7 Es 1959 KENW	3 NM 1187	2001 KV10	6 NM 1217	
22 Es 1130 KTVS	3 CO 1014	1130 unID	2	

Western TV DX

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

Equipment:
27 inch Magnavox Color Monitor, 19 inch JC Penney (RCA) Color set, 13 inch BMG Color Monitor. VCRs: Radio Shack #45 MTS Stereo, JC Penney (RCA) Mono, Hitachi VM-39A Camcorder. Antenna: Radio Shack Ch. 6 to 13, 14 el on rotor at 22 ft. Wingard 20 dB preamp, HI Q filter for ch. 6.

May 1995 PDT
21 Es 2030 KFDX 3 TX | 2230 KENW 3 NM
2300 KYTV 3 MO
22 Es 0000 KMTV 3 NE | unID 3 HSC

This was the first major opening of the season. A late one at that, some very short Es on 5-14 and 5-15, but they consisted of just a few minutes each with no way to ID.

As of this writing (6-2-95) there have been no other openings seen! This is not a good start at all, has any one else seen any?

Have talked to KBOI/KQFC/KLCI CE Bill Frahm, back from NAB Las Vegas. He has some bad news to report. He said that current plans are now to eliminate the current VHF and UHF channel allocations and reassign TV Broadcasting to new UHF allocations to make way for HDTV. The current VHF channel allocation will be reassigned to cellular services and the FCC is already getting ready to set up the auction! Bill said they expect the current VHF-UHF system to remain in place for only 15 to 20 years, so have some time left to get some DXing in.

If this information is correct, I hope the Amateur Service can get some of the frequencies. I have heard some mention of ATV on 6m. Is that correct?

Editor's reply—Slow-scan TV, or just about anything that can fit within an audio channel is allowed on 6m, but NTSC video would definitely not be—there's just not enough bandwidth.

Regarding the future of TV broadcasting and DXing, both the U.S. Senate and the House of Representatives are proposing to rewrite the Communications Act of 1934. Among the proposals is one to abolish the Federal Communications Commission. Whether that comes about within five years or never, a digital HDTV (high definition television) is said to be in our future. Quoting from W5YI Report:

"Digital and analog video cannot coexist. Broadcasters need an additional 6 MHz of spectrum in order to accommodate both signals. HDTV broadcasts are expected to begin in the fall of 1997. The conversion cost to digital is high—about \$10 million per TV station. The plan calls for broadcasters to give back their original 6-MHz analog channel after a 10 or 15 year transition period. The spectrum would then be sold to the highest bidder.

"Depending on whose figure you use, analog TV spectrum could fetch \$100 billion or more. In

the past year, spectrum auctions have created a \$9 billion windfall for the U.S. treasury. That is triple the FCC's total budget since it was established in 1934!

"Two hundred million traditional televisions currently in use will have to be replaced. Consumers may have to start thinking about buying a digital TV (or converter box) sooner than anticipated! Some Republicans do not want to wait ten years to sell the current TV broadcast channels. A plan now being analyzed would auction the analog spectrum seven years from now in time to balance the budget by the year 2002."

Jeff Kruszka, 7706-M N. Jefferson Pl. Cir., Baton Rouge, LA 70809

CDT
11 Es 1730 unIDs 3,4 SS
14 tr 0017 WTPJ 60 AL 390 | 0106 WMSG 63 GA 490
15 tr 2200 XHFOX 17 TA 535 | 2231 XHABT 7 TA
2345 unID 22 SS
16 Es 2030 KOAA 5 CO 940
tr 2359 KEDT 16 TX 425 | KMBH 60 TX 495
21 Es 2247 unID 3 briefly
22 tr 2329 XHFOX 17 TA 535
2347 unID 67 // KADH-15 Watchez?
23 tr 0000 KLRU 18 TX 395 | KEDT 16 TX 425
0700 KMBH 60 TX 495
24 GW 0726 WJPL 54 LA 82 | Slidell UPN (new)

A pretty lackluster month. Still waiting for the first "real" E-skip opening of the season.

William Draeb, 1304 Ellis St., Kewaunee, WI 54216-1802

February 1995 CST
25 MS 0546 KACV 2 TX | I.D. slide
0558 KDTN 2 TX | 0604 KDTN 2 TX

March 1995
18 MS 0601 KETS 2 AR A.E.T.N. on color bars
25 tr 0605 WJSL 16 IL 405 | W30ALT 30 IL
2112 WOK1 33 MI W/WJBK-2 News

April 1995
14 tr 1908 W67CY 67 IN 208 Elkhart TBN
16 tr 0655 W48AV 48 OH 268 VJN
2044 WCE1 48 OH 400 | WSTR 64 OH 400
WKIX 19 OH 400 | WKON 52 KY 437

May 1995 CDT
7 MS 0604 CBT 2 PA 695
tr 0645 WCE1 48 OH 400 | Snow-free;
11 GW 2000 W22BW 22 WI 35 same offset as WSBT-22
WGBA 26 Sturgeon Bay
W42CB 42 MI 155 Snow-free,
10 kHz off WTLJ-42
WXXI 17 Hesperia
14 tr 2018 WCE1 48 OH 400
15 Es 2015 KPRCT 2 TX | 2021 KATct 3 LA
2026 KJACT 4 TX
20 GW 0648 WDSH 8 MI 100 Full C.B. w/call
Es 1730 WPBT 2 FL WEDU 3 FL 1192
1730 WKRG 5 AL WRBLt 3 GA
1832 WEAR 3 FL 995 | WJXT 4 FL
1952 WJFT 5 FL WTYJt 6 FL
WCIXt 4 FL
21 MS 0525 KDTN 2 TX Color bars w/call
0527 WSB 2 GA

A few new translators seen here, but not much of anything else. The Sturgeon Bay translator was just testing I think. They were seen here three days in a row and then nothing since. With their tower height 462' and power 8 kW they should be in here

Western TV DX William Draeb's report concludes every day. I've concluded they went off after three days.

W42CB gets out well also with their 7.3 kW at over 1000 feet. W67CY is supposed to replace W24AI Michigan City. They run 2.8 kW and are about equal in strength to W69BT. Station info courtesy of Fred McCormack.

E-skip got off to a slow start so far and tropo activity has been practically non-existent because of too much unsettled weather locally.

Eric Bueneman (N0UIH), 631 Coachway Lane, Hazelwood, MO 63042-1347 (314)839-9751
EBSZJDX@aol.com

Equipment:
Alaron 12-inch (30 cm) black and white TV, Archer VU-110 with Archerotor at 33 ft AGL

All distances expressed in miles and kilometers, with miles expressed first!

June 1995 CDT
3 Es 1635 XHY 3 YU Merida 1270/2032
1638 WEDU 3 FL Tampa 880/1408
1650 WCPX 6 FL Orlando 880/1408
(easier to separate now that WTVJ (NBC) is here!)

WCPX is the only CBS on channel 6 in Florida after the Miami swap. Tropo was masking the MUF (June 3), which was 89.5 MHz. KCFV was off due to a power outage on campus.

Also, K62EG in the St. Louis area is now 24 hours, relaying EWTV on a full-time basis. With many St. Louis cable systems having dropped the Catholic-oriented network, K62EG seized the opportunity. They have been 24 hours with EWTV since Memorial Day (May 29).

Great tropo opening June 9 morning, logged three new FM stations, but haven't seen KOAM-7 in ten years! Both Springfields were in (MO, with the exception of KYTV-3, and IL, with the exception of WCFN-49).

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

Equipment:
JC Penney (RCA) 19" TV; Archer 15-1113B preamp for UHF; Radio Shack 15-1718A V/U at 25' AGL, RG-6, Channel Master 9510A rotor.

May 1995 CDT
4 tr 2000 KTEN 10 OK 230
2130 KAUZ 6 TX 290 Floating on KTAL.
2205 KJTL 18 TX
2230 unID 12 CBS; floating on KSLA

2325 KAFT 13 AR 250 //KETS
5 tr 0010 KCEM 6 TX 230 Floating on KTAL.
0055 KWIX 10 TX 210 | 0120 KWKT 44 TX 210
6 tr 2125 KAFT 13 AR 250 //KETS
7 tr 0210 KCEM 6 TX 235 | KBTX 3 TX 200
Es 1100 WCBP 2 SC 790 | 1120 WJND 2 NC 1040
1128 WUNC 4 NC 880 //WJND
8 Es 0140 unID 2 XEW Net w/ECO Nx
1055 unID 2 XEW
XHG 4 JAL 1050
unID 5 Spanish
1150 unID 6 Floating on KTAL.
1200 unID 2 Note #1
1925 KNAZ 2 AZ 1030
tr 1935 XERV 9 TA 520 | 2030 XHAB 7 TA 510
2040 XHFOX 17 TA 520 | 2135 unID 30 VCC
2155 KRGV 5 TX 510
KGBT 4 TX 510 Floating on KJAC
2245 KBTX 3 TX 200 Floating on KTBS
2350 KEDT 16 TX 390
9 tr 0320 KENV 6 AR 270 //KETS
WKNO 10 TN 290 | WHBO 13 TN 290
0325 unID 18 "More Music TV" NE
0325 KTEJ 19 AR 300 //KETS
0335 WKVT 15 MS 220 | WMAO 23 MS 220
WPTY 25 TN 290 | WLMT 30 TN 290
K33DE 33 AR 180 Floating on KMSS.
0335 WFFL 50 TN 290 | 0355 WAFB 48 AL 430
WNTZ 48 MS
0445 unID 19 TBN; SE
0515 KAIT 8 AR 300 | 0520 KTEW 10 OK 230
0535 KWKT 44 TX 210
0615 KFVS 12 MO 420 Floating on KSLA.
0625 WABQ 6 MS 220 Floating on KTAL.
0655 K5C8BT54 TX | 0705 WMAV 18 MS 270
0755 WMC 5 TN 290 | 0805 KENS 5 TX 350
0815 KIII 3 TX 390 Floating on KTBS.
Es 1200 WPBT 2 FL 940 | unIDs 4,5
1820 KDCA 2 PA 1000 | 1840 WTAE 4 PA 1000
1855 unID 3 Floating on KTBS.
1915 WMAZ 2 MD 1060 | 2245 KWGN 2 CO 830
tr 2355 KMLR 4 TX 350
11 Es 1610 unIDs 2,4,5 Mexico
1829 XHG 4 JAL 1050 | 2040 unID 2 QCVC
12 Es 0955 unID 2 XEW | 1145 WPBT 2 FL 940
1410 unID 2 "Movie 2"
1440 WESH 2 FL | 1750 unIDs 2
1950 unID 2 Spanish; boxing
1959 WPBT 2 FL 940
tr 2305 KENSt 5 TX
2310 KRBC 9 TX 350 | 2320 KJTL 18 TX 290
2335 KTEN 10 OK 230
13 Es 1615 unID 2 "KIDS TV"
14 tr 2005 XERV 9 TA 520
15 Es 1245 unID 2 Mexico | 1315 KTWO 2 WY 1010
1325 KTVQ 2 MI 1230 US State #321
1345 KNAZ 2 AZ 1060 | 1355 KVOA 4 AZ 1020
1408 KTVK 3 AZ 1075 Floating on KTBS.
1425 XHBS 4 Sin 1050 ID supered.
1440 KASA 2 NH 750 | 1442 unID 5 Mexico
unID 4 Mexico | 1530 KDNC 4 TX 760
XEPMT 2 XEW | 1540 KWGN 2 CO 830
KOAA 5 CO 780 "5/30" on ID
1550 KPHO 5 AZ 1075
tr 1905 XERV 9 TA 520
Es 2105 unIDs 2 US and Canada
2045 unID 4 NBC | 2122 WJBK 2 MI 890
tr 2345 KENS 5 TX 350
16 tr 0015 KHSX 67 TX 220 Over local.
0110 KTBC 7 TX 280 | 0120 KABB 29 TX 350
KLRU 18 TX 280 | 0225 KXAN 36 TX 280
KNVA 54 TX 280 "Your local Wx Station."
0230 K16BY 16 TX 125 | 0235 KVUE 24 TX 280
WGN 26 LA 270
0305 New Orleans 38,49 | 0335 WMAH 19 MS 320
0340 New Orleans 4,6 | 0405 WNO 20 LA 270
unID 19 TBN unID 49 TBN
0410 unID 56
Es 1020 unID 2
1045 unID 2 Mexico | 1225 unID 4 QCVC
1420 KNAZ 2 AZ 1060 | 1500 KPHO 5 AZ 1075
KVOA 4 AZ 1020
tr 1940 XHAB 7 TA 510 | XERV 9 TA 520
1950 KRGVt 5 TX | KENS 5 TX 350
18 tr 0040 New Orleans 4,6,20,26,38
0110 unID 19 TBN

Western TV DX

Fernando Garcia's report continues

Table with columns for frequency, time, call sign, and location. Includes entries like '14 tr 0630 WJTC 44 FL 845' and '0700 WEIQ 42 AL 823'.

Table with columns for frequency, time, call sign, and location. Includes entries like '17 tr 2200 WJTC 44 FL 845' and '0700 WEIQ 42 AL 823'.

Table with columns for frequency, time, call sign, and location. Includes entries like '18 tr 0330 WFXG 54 GA 1224' and '20 tr 1930 WBHS 56 FL 1116'.

Comments:

After a disappointing first half of month of march, second part was real nice peaking with Miami's uhf's in the morning of the 24th. April was the best month ever for tropo DX since I installed an uhf antenna back in July 1992: 25 days with 500+ miles and ---

Local news:

New local station on ch 22 with XEQ-9 programming (on air 3 to 12 pm), this is now my strongest UHF signal, I don't know their call letters and ERP yet, but their transmitting antenna is 5900 ft a.s.l.

TIME TO RENEW? PLEASE NOTE THE NEW CLUB DUES RATE ON THE BACK COVER

NORTHERN FM-DX

GREG CONIGLIO
5100 GLENWOOD DRIVE
WILLIAMSVILLE, NEW YORK 14221
e-mail: coniglio@geog.buffalo.edu
coniglio@acsu.buffalo.edu
V131KKDN@UBVMS.BITNET

For DXers in: MA, NH, VT, CT, MA, RI, NY, PA, NJ, OH, MI, IN, IL, WI, MN, IA, NE, SD, ND, MT, WY, ID, WA, OR, AK, Canada
JULY 1995 — **DEADLINE: The 5th** — **LOG CUTOFF: 3 months from postmark**



Where did the skip go? As you can tell by yet another very short column for this time of the year, it has not been a banner year. Think of how much skip there was at this time last year! Almost nothing reported at all, well into June. The best days seem to be May 20th and June 6th, though even they were not all-time classics. Not very much tropo, either, with the exception of some Atlantic coastal openings. Let's hope the season picks up, and hope to see your report to the VUD soon!.....

JOHN EBELING - 9209 VINCENT AVE. SO. - BLOOMINGTON, MINNESOTA 55431
or: 6483 COUNTY ROAD 47 - ALBORN, MINNESOTA 55702

FROM BLOOMINGTON, MINNESOTA:

JANUARY 1995 TR

4 Tr
1310 KSOE 94.7 MN Caledonia, "K-Soft"

5 Tr
0005 KVIK 104.7 IA Decorah

27 Tr
0730 K277AD 103.3 MN Austin, (250w: KZSE)

MARCH 23, 1995 TR

1223 K220EG 91.9 MN Bloomington (WNCB)

1640 WBSZ 93.3 WI Ashland

APRIL 1995 TR

3 Tr
1728 K224AI 96.3 MN Minneapolis (xltr: WNCB)

12 Tr
0855 WNXR 107.3 WI Iron River

FROM PROSIT, MINNESOTA

(mostly newer/not in log until now)

JAN 23, 1995 Tr
1205 KYBA 105.1 MN Stewartville, "Y105" 219

MARCH 1995 Tr

5 Tr
0007 KRSW 89.3 MN Worthington 275

10 Tr
2138 KITN 93.5 MN Worthington 275

APRIL 21, 1995 Tr
1300 WEMI 91.9 WI Appleton 279

MAY 1995 Tr

6 Tr
0745 WRHN 100.1 WI Rhinelander (ex 100.3) 180

16 Tr
1750 WMEQ 92.1 WI Menomonie 150

21 Es
2128 KOFX 92.3 TX El Paso 1288

2130 KAMZ 93.1 TX El Paso 1288

22 Es
0942 KLTN 93.3 TX Pt. Arthur (Spanish) 1182

0943 KINL 92.7 TX Eagle Pass (many local commercials) 1334

0953 KUHF 88.7 TX Houston 1200

27 Tr
0935 WISN 98.1 WI Altoona 162

TIM MCVEY - 124 TIMBER LANE - HANOVER, PENNSYLVANIA 17331

Equipment: Tuner is Pioneer TX-7500 with front end-IF mods. Stereo Probe 9 on a rotor hanging bat-like in the attic (disco-era equipment good for picking up all those 70's stations on the air nowadays!)

MAY 1995 DX

18 Tr
2135 WYHH 92.9 DE Smyrna, "Star 92.9" mor 80

20 Es
2120 KEOM 88.5 TX Mesquite, PSAs, wx, lame mor music 1200

2122 KZPS 92.5 TX Dallas, local ads 1205

2125 KOYN 93.9 TX Paris, "you're listening to Amer. Country Countdown on KOYN" 1115

MAY 28 Tr

0730 NYC stations in: WNYC 93.9, WQHT 97.1, WBAI 99.5, WNEW 102.7, WYNY 103.5, WXRK 92.3 165

0745 WZMT 97.9 PA Hazleton, "97.9 The Mountain", aor (was indeed them Tim-gc)

0800 WRTY 91.1 PA Jackson Twp, part of Temple U's Jazz FM net. 122

Short report this time, but it's only May.

NORTHERN FM DX

JULY 1995

LESLIE G. WOOD - 1463 TADMOR ST. - NORTH MERRICK, NEW YORK 11566

Equipment: GE Superadio III with whip antennae

I am a WTFDA member just having renewed my membership for a second year. I'm both an avid TV, as well as FM DXer. I would like to know if there's any DXers residing in my area. That's Long Island, New York? Is there a club membership list? Have a good DX season! (Glad to hear from you, Leslie! Hopefully there are some other club members near you out there! As for the membership list, I believe one is in the works. Keep an eye on the From the Staff column, and the new "Mailbag" column coming soon!-gc)

73's LESLIE WOOD

RICK SHAFTAN - 217 GREEN RD. - SPARTA, NEW JERSEY 07871

(201) 586-3563, Beeper for DX: (201) 661-5662. EQUIPMENT: Realistic STA-2280 with 7/110 khz filters (see McVey article, Nov. 1990), Channel Master 20 element TV 45' AGL, phased with FM 13's vertically stacked and winegard AP-3800 Amp (32.9 dB gain, 3.2 dB noise figure), 30' AGL and the Bolin Phase Box (VHF antenna used for phasing). (IN CAR: Kenwood KRC-430 with two 110 khz filters). All times approximate.

MAY 1995 DX

20 Es

1811 92.1 UNID Classical

1815 92.9 WIKX, Punta Gorda FL
Charlotte Co. Speedway

1818 95.3 WOLZ, Fort Myers FL
Gray Phone Book of Naples

1830 99.5 WAIL, Key West FL, 100,000 Watts of
Rock. Frank Welch on Classic FM.

1840 100.1 WEEJ, Port Charlotte FL Gold 100 FM

1858 94.9 (WWRM), St. Petersburg FL
WARM FM

1910 93.7 WOGK, Ocala FL, K-Country

1920 93.3 WFLZ, Tampa FL, 93.3 FLZ

1930 92.1 WCTQ, Venice FL, Today's Hot Country
on Q-92, serving all of Southwest Florida.

2057 92.5 KMBV, Navasota TX, Calls

2115 92.5 KZPS, Dallas TX Dallas/Ft. Worth
Mentions in ads

28 Tr/Es

0010 106.5 WKHI, Pocomoke City MD ID

0023 105.7 WRSF, Columbia NC C/W. First
NC since 1993.

0030 105.5 WBNJ, Cape May Court House NJ
The Touch // WTTH 96.1 w/soul

0048 104.5 WNVZ, Norfolk VA Z-104

0115 102.7 UNID, Rock thru WNEW

0120 101.9 WAVT, Pittstown PA/
WLIF Baltimore MD melting NY

0123 92.1 WLBW, Fenwick I, DE
Ad for Wicomico Trucking

0125 94.3 WICQ, Salisbury MD
C/W, Calls at 0146

0133 91.1 WNSB, Norfolk VA Jazz/Reggae Calls

0154 90.7 WOTJ, Morehead City NC Religion

0220 93.1 WPOC, Baltimore MD Calls

0222 95.9 WGRQ, Colonial Beach VA Q-96 FM.
Local mentions

0225 96.5 WLEE, Williamsburg, VA
70s w/Simon & Garfunkel and calls.
(Rick, this is who you heard with that call-gc)

0229 97.3 WGH, Newport News VA, New Country
Eagle 97

May 28th Tropo

0235 98.1 UNID Lite 98. Believe this to be relog of
Richmond. (probably-gc)

0240 107.9 WFSI, Annapolis MD Thru WPMR.

0249 101.7 WLOM, Franklin VA Calls, "Western
Tidewater's Best Country."

0300 103.7 WXCX, Havre de Grace MD
ID thru local WNNJ (4 mi.)

31 Tr/GW?

2200 100.7 UNID Religion o/Allentown. Not
WCHR/WAWZ/WFME or WKDN relay.

JUNE 1995 DX

6 Es
1850 92.1 WOCW, Parris I, SC "Beaufort County's
Oldies Station" in car in Morristown.

1851 92.9 WBLX, Mobile AL "BLX"

1852 92.1 WDDL, Adel GA, Exit 10 promos

1853 94.5 WPBH, Port St. Joe FL "Beach 94.5"

1855 95.3 WJYF, Nashville GA mentions of
Tifton and Sylvester.

1858 95.9 UNID Mentions of Sandysville and
Braxton Circle Shopping Center, neither of
which click in Biz File Telematch.

1900 101.7 WMGL, Ravenel SC Nice ID as
"Coast 101.7" and dual ID w/ Charleston.

1902 100.9 WYGC, Gainesville FL "GC 101, The
Beach Station", a promo that makes no sense in
Gainesville.

1903 101.3 UNID Disco, seemingly // Coast 101.7.

1907 99.7 UNID Soul. What is the current format of
Port Royal. Already got it on Tr and Ms
(Rick, they are contemporary Christian now.
Maybe that is what you heard? Hope you get
them, for the "Triple Play"!-gc)

1910 94.1 WMEZ, Pensacola FL
ID after CNN Radio



NORTHERN FM DX

JULY 1995

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

Equipment: Dodge Caravan Radio, VW whip.
JIMRENFREW@delphi.com

June 1 Tr

1541	88.5	CKDX	ON	Newmarket - local ads, ID, WRUR off	115
June 6 Es (FL/GA/SC MUF 107.9)					
1722	93.7	WOGK	FL	Ocala - "K Country" slogan, ad, Note 1	996
1726	96.9	WXTG	SC	Charleston - ads Note 2	726
1727	90.9	WLGJ	SC	Hemingway - ID, R. Bahai	656
1729	94.1	WCHY	GA	Savannah Y-94 slogan, ads 788	
1738	107.9	UNID		with EBS Test	
1739	107.9	WGTR	SC	Bucksport - "The New Gator", Myrtle Beach, Note 3	655
1742	90.9	WLGJ	SC	Hemingway - "Radio Bahai"	656

Note 1: Is 93.7 Ocala no longer WMMZ? (yep, they are WOGK, and country now!-gc)
Note 2: This is my first SC via Es
Note 3: Mileage is to Myrtle Beach, Bucksport not on Fred's print-out.



This is my shortest Es! No Es in all of May, and it finally happens when I'm rushing home from work to get my son to his ball game. Most of this was in the shadow of Rochester's FM/TV antenna farm, which is of course right where the baseball field is too! This is my shortest skip so far, and I note that the hurricane was blowing through SC this day.

GREG CONIGLIO - 5100 GLENWOOD DRIVE - WILLIAMSVILLE, NEW YORK 14221

Equipment: Pioneer TX-9100 tuner modified with 150khz and 180 khz filters, CM Stereo Probe 9 FM antenna 20' AGL, CAC11 & RG6 coax. Phasing: Jerrold 10 element TV antenna at 25' AGL, rotatable, into "two capacitors in a phase box", and switchable rabbit ears both into a 0-10-20 db Radio Shack amp. Pioneer III SuperTuner in Car.

MAY 1995 DX
20 Es

1345	MUF	99.1			
1835	KMXR	93.9	TX	Corpus Christi, Mix 93.9	1488
2110	KXKC	99.1	LA	New Iberia, k\$	1139
2120	WKTF	95.5	MS	Jackson, Catfish 95, k\$	972
2125	KBZE	105.9	LA	Berwick, local ads, incl. ment. of Patterson, verified by letter	1153



It has been an awful skip season so far up here. Granted, I have been busy, away from a radio often, but from what I hear from other area DXers, I haven't missed much. Same story from most everyone else that I have talked to, as well. I have to admit that getting Bahamas was nice though! Thanks to Tom Bryant for tipping me off that the station existed (see May 95 FM NEWS)! I guess we are paying up for last years great season, eh? Trops have also been non-existent.

JUNE 1995 DX
6 Es

<i>-DX in Elma, NY: Jct. NY-400 and Maple Rd.-</i>					
1730	WQSL	92.3	NC	Jacksonville, a/c music	
				"Whistle 92.3" slogan, unusually short!	573
<i>-DX in East Aurora, NY (both w/in 25 miles, in car) -</i>					
1908	WXDJ	95.7	FL	Homestead, SSS	1208
1910	100 Jams	100.3	BAH	Nassau, urban, \$ Bahamas ments, weather, and accent	
				Wow! New for COUNTRY # 6 on FM	1239
1911	WEDR	99.1	FL	Miami, 99 Jams, urban\$	1177
1918	WZZR	92.7	FL	Stuart, ads, "ZZR"	1088
1921	WZTA	94.9	FL	Miami Beach, ads, into current hard rock music (\$), o/CKGE.	1190

**WTFDA'S 1995 CONVENTION:
WILMINGTON, NEW YORK
(LAKE PLACID!)**

HOPE TO SEE YOU THERE!!



SOUTHERN FM DX

Danny Buntin
1312 N. Skyline
Stillwater, OK 74075

JULY 1995

DEADLINE: 14th

SOUTHERN FM DX IS FOR REPORTERS FROM: AL, AR, AZ, CA, CO, DE, DC, FL, GA, HI, KS, KY, LA, MD, MO, MS, NC, NM, NV, OK, SC, TN, TX, UT & WV. REPORT SOON!

WELCOME BACK 95 ES TO 90'S STYLE

Well, after an exceptionally good 1994 for Es, it looks like 1995 is going to return us back to the lean Es seasons that the 90's have produced, so far. May's Es looked kinda encouraging, (16th was good for some) but currently the month of June as of the 14th looks like nothing to write home about. The trop is looking tame, more so than last month. This month it will be hard to find any trop that went over 500 miles. At least there's still time for the season to get cooking and mean business.

Now Walt Breville of Wright City, MO replies to my comments made in the May SFM. "I thought I'd reply to your asking for some kind of optimistic outlook to the future of FM DXing. I feel it is strongly dependent upon new technology--namely in the development of powerful new small antennas that receive almost entirely in a narrow beam. We should have some technical wizards in our midst that can invent FM antennas that are 1/4 the size of the 6 to 8 element yagis many of us use today, with sharp narrow beams & great front-to-back ratios. My feeling is strong that today's outdoor FM antennas will soon be as obsolete as using 78 rpm records for music listening! And a bonus of these new tiny antennas is that no more dangerous climbing on roofs & high places will be needed, as they are small & light enough to be put upon light poles that can easily be tilted up from the ground, or perhaps a power-telescoping pole can be manufactured that will raise the tiny antenna from 12 to 25 or even 30 feet at the touch of a button, then lowered after DXing so it won't so easily attract lightning or offend neighbors. Present-day huge yagis on towers or roof are UGLY as well as very dangerous & it its high time modern technology made these things obsolete. With so much sophisticated electronic development today, why can't a tiny antenna with elements less than a foot across be made with circuits that will load the tiny elements turning them into large elements as the DX signals see them & also form tight directional beams? (The nature of radio waves dictate what size an antenna should be. The lower the frequency the bigger the antenna must be. In recent years all the technology seems to be going in amplified indoor antennas. It will be irrelevant to FM DXing, but I read with interest recently in Popular Science that in a few years digital radio transmitted by satellites will be available for home and car. There will be a variety of non-commercial stations for a \$5 to \$10 monthly fee. And get this--the antenna dish required will only be the size of a silver dollar. As we go into the 21st century it will be interesting to see if it will catch. DB

Another way to keep WTFDA alive into the 21st century would be to encourage DXers to make this a casual fun hobby--NOT a serious obsession. There is less frustration in taking ten years to log 300 stations compared to trying to get the 300 in a few months or to two years trying to compete with the gun-ho "serious" DXers, or erecting dangerous-to-install or maintain high-up large yagis. I had fun for 18 months with an 8 element Winegard up 27 ft. back in 1979-80, until an ice storm with high winds took it down. I never re-erected it as I slipped & came close to serious injury when I first put it up, it scared the tar out of me & I still swear I'll never try such a thing again.

I thought I had made a quantum leap to the ultimate DXing location when I moved here permanently last summer. I am now located 45 air miles due west of St. Louis. My old QTH was in South St. Louis County almost within spitting distance of most of the area's high powered towers, so my move out here was a terrific improvement for FM DX with just one close local 5 miles away (KFAV 99.9 "V-100"), several others 15 to 25 miles & the high-powered .St. Louis towers 40 miles. But I got a shock. I had done some FM DX in this area when I had a weekend getaway place 8 to 16 years ago, and I'm still flabbergasted at the huge number of new stations that have come on the air in the past 8 years. After the fun of logging them, I now see them as in-the-way pests, all within a 150 mile radius. Presently, I use a Radio Shack 6 element FM yagi indoors, rotated by hand on boxes on the 2nd floor loft. My house is located on what is probably the highest ground in a 3 mile radius. It seems to be a little bit less effective on the weakest signals compared to the old 8 element 27 ft. up outdoor one, but so many new stations have clogged up the empty DX channels it's hard to say for sure, since back then in 1980. And I plan to keep using this setup until those fantastic tiny new antennas come out! Translators don't alarm me too much, as I took a trip thru Ark., Texas & Oklahoma back in 1989 & noted lots of translators in especially small towns from north of Dallas to Muskogee. Just for fun I tried to hear all those translators, found most of them to be apparently off the air, or else they were so weak their radius of coverage was but a mile or two. However, today there's a religious translator at 90.5 in Rolla, which I sometimes get weakly, but at 65 miles air distance this is the greatest DX of a translator (cont.....)

I ever encountered! I agree with you 100% about religious right wing broadcasters being one-sided and not very much about Jesus! (SFM ed. note--A WAFR translator might be coming your way. It is the dream of WAFR founder, Donald Wildmon, to have 500 stations spread in all 50 states. The translators will be concentrated in small towns. Before a fund raiser started, I heard the righteous Wildmon boast that people would like to see the down fall of his organization, which includes the American Family Association, have come around looking for scandals relating to sex and financial impropriety but left finding nothing. Unilever and Disney have received the wrath of WAFR. Unilever is being boycotted for sponsoring trash TV. Disney is being boycotted for being a major supporter of the homosexual life style. A Disney World employee tipped off to WAFR that 60 to 75% of the employees there are homosexual. An upcoming movie by Disney has been judged as kiddie porn at WAFR. Mercy, well, some of these religious stations do have a humorous side. On one station a caller complained that christians are always being judged. DB)

Doug Smith (W9WI) 1385 Old Clarksville Pike, Pleasant View, TN 37146-8098

Equip.: Technics ST-G50, Archer VU-160 at 15'

4/18 tr
0630 WQIK 99.1 FL Jacksonville, ad 528
0649 WKMX 106.7 AL Enterprise, loc. nx 349
5/6 Es
1100 unID 88.5 brief bursts towards TX
ID several TX TVs
5/9 tr
0906 KSLH 91.5 jazz, mono, excellent 231
0908 WIL 92.3 "WIL FM 92" 232
5/13 Es
2304 unIDs to 88.5, PTA south Texas
5/14 Es
0023 unID 88.5 in Spanish, probably KTEP
0039 KOFX 92.3 TX El Paso, "92-3 The Fox",
11:40 TC 1151
0054 KINT 93.9 TX El Paso, S: 1151
5/15 tr
2359 WISH 107.1 GA Rockmart, legal ID 189
5/16 tr 236
0044 WKHX 101.5 GA Marietta, "Kicks 101.5"
0150 WZHT 105.7 AL Troy, "Hot 105.7" 309

937m KSPI.

5/16 Es
1053 unID XE-91.5 Estereo Plata w/U.S
classic rock MUF 97.1 to Mexico
5/21 Es
1711 unIDs to 91.1
5/22 Es
0943 KPSS 92.7 NM LaLuz, Otero Co. and
other NM news 1097
1000 KZPI 91.7 NM Deming, calls & USA nx1211
1100 KJZZ 91.5 AZ Phoenix, Arizona wx 1427
1157 WBBI 91.1 IL Carlinville, 252
translator IDs (Tr)
6/3 Es
1900 KATX 97.3 TX Plainview, legal ID 834
1945 KBCQ 97.1 NM Roswell, "...other station
in Chaves County, Hot 97 KBCQ" 999
6/5 tr
0345 WNNS 98.7 IL Springfield 271

6/6 Es 1136 unID 90.9 Mexico; thought she gave a Merida weather forecast, unID 94.9
Mexico w/urban, "Gracis Chihuahua"

Guess I shouldn't complain about seven new ones so early in the season, but the skip just doesn't seem to be cutting it so far.....

I sympathize with your comments in May SFM about religious translators) I'm among those who optimistically believed that the repeal of the Fairness Doctrine would result in competition forcing the airing of all sides of controversial issues. In fact, the industry seems to have learned that conservatism & anger sell; compassion doesn't.... Religious stations fill 88.3, 88.5, 88.7, 89.1, 89.3, 89.9, 90.1, 90.7, and sometimes 90.5 & 90.9. Their translators can be found on 88.1, 97.1, 98.7, 99.3 and 99.5. The 88.1 translator in Clarksville, 20 miles away(?) is strong enough that I need a FM trap to DX channel 6. (My goodness, I sympathize with you more since you have more religious stations than me. It must be disgusting when many of them are running the same program as it sometimes happens with the Stillwater area religious stations. DB)

Jeff Wolf, 2217 Drury Road, Silver Spring, MD 20906

Equip.: AM FM TV band radio

5/20 Es
1837 WWUS 104.7 FL Big Pine Key
"US-1" "lower Keys" mentioned, oldies

5/20 Es
1857 unID 92.9 ment. Hialeah Beach Blvd.

Hank Holbrook, 407 Arundel Road, Fair Haven Cliffs, Dunkirk, MD

Equip.: Fisher 101R FM tuner(1959)w/CS6065 10 element single bay yagi, Channel Master HD-9515 rotor. EDT

(Just received M STREET RADIO DIRECTORY-Much larger, looks great. They list WMBR as silent, but as sure as my heart beats it was indeed WMBR below.

91.7 WMBR Telford, PA trop 126 miles 5/10 1927-2080, weak-fair, fading out at times. religious, QRM splash WBJC & WGTS plus QRM at times

91.7 WRXX Dover DE, trop 59 mi. 5/16 0818-0847 JAZZ-FM Temple U net, only 59 mi. but takes good opening to make it.

91.7 WLFJ Pomona, NJ trop 115 mi. 5/15 at 0849 EDT took over 91.7 cw music, cont.....

E-SKIP HAS ARRIVED 5/20-95:

89.1 WAYG Sarasota, FL 864 mi. 1920 EDT Contemporary Christian mx and announcement between selection as WAY FM. Not needed, QSLed 1954.

88.7 WAYJ Fort Myers, FL 895 mi. 1924 ment. of Sarasota and Fort Myers thru heavy WAMU/WAEA QRM. Needed but not good enough for a report.

Keith D. Pugh, 227 Martin St., New Hope, AL 35760

Equip.: McIntosh MR-78, Probe 9, RG-6 coax, Archer 18 db amp.

3/15 trs
1000 WEPT 88.5 SC Belton, g, \$, ID
3/29 trs
0949 WVPF 107.5 AL Uniontown, "v-107"
3/30 trs
1324 WGLL 94.1 NC Lexington, g, call-ins
1405 WPAY 104.1 OH Portsmouth
1427 unID 94.1 sounded like "WCGU"
4/14 trs
1014 WJYP 95.3 GA Nashville, ads
4/16 tr
0954 KZWA 105.3 LA Lake Charles, ads
1006 WZMP 95.1 MS Marion, ad, "South 95"
1009 KQID 93.1 LA Alexandria
1026 KRVV 100.1 LA Bastrop, s, "The Beat"
5/8 tr(WKEA S'boro of)
0952 WAWW 98.3 AL Sylacauga
0953 WAGH 98.3 AL Ft. Mitchell
0954 WDLT 98.3 AL Chickasaw, ID
0957 WGOO 98.3 GA Midway, o, area ref.
1003 unID 98.3 k, "The Duck 98.3"
1100 WDFX 98.3 MS Cleveland, g, ID
5/9 gw
2041 W287..105.3 AL? ??, WAYM 88.7
5/16 tr
0005 unID 88.1 end St. Louis bsb, ad for
Effingham, IL. Huntsville xltr?
0014 WAXM 93.5 VA Big Stone Gap
0042 WYNG 105.3 IN Evansville, k, ID
0908 WDNF 104.9 TN Dayton
0939 WMYZ 100.1 KY Winchester
0947 WVLC 99.9 KY Mannsville, K, DI
Es
7005 KVTV 105.5 TX Mission, SS-EE
1008 XHRT 95.3 TM Reynosa
1011 XHZTS 91.5 ZA Zacatecas, "\$ Plata"
1012 KOIR 88.5 TX Edinburg
1014 XHQZ 93.5 CL Saltillo
1021 XHRL 98.1 NL Monterrey
1022 XHJD 98.9 NL Monterrey
1025 XHMF 104.5 NL Monterrey
1047 XHCPO 93.1 Reynosa call change?
1050 unID 92.3 Vera Cruz ad, \$
1053 unID 97.7 Vera Cruz ad, \$
1107 unID 96.4 SS, c Mx, Male-Female, \$
1118 unID 100.7 Casa Blanca ref.
1149 unID 95.3 Casa Blanca ref.
1150 XHOB 96.1 SL San Luis Potosi,
"Estereo Sensation"
1200 KIWW 96.1 TX Harlingen, SS, ID
1228 XHMP 95.5 CL Torreón
1239 unID 102.7 Saltillo ref.
1949 RYXX 94.3 TX Ozona, ID //92.1
1952 KTRD 96.3 TX Del Rio
1955 XHSG 99.9 CL Piedras Negras
1957 KHGS 92.1 TX Sonora, //94.3
2004 XHPL 99.7 CL Ciudad Acuna, Del Rio ref.
2008 K??? 98.9 TX Lampasas, "z-Rock"
2034 K??? 92.9 TX San Antonio, SS
5/17 tr
0934 WEBZ 99.3 FL Mex. Beach. b, ID
0936 WGLF 104.1 FL Tallahassee
0939 KCIL 107.5 LA Houma, k, "C-107"

5/17 tr
0945 WDRK 103.5 FL Callaway, ID
0946 WMLQ 104.9 FL Havana
0949 WSRX 101.5 FL Penacola, ID
0949 WFSY 98.5 FL Panama City
0955 WSN1 107.1 GA Thomasville
0956 WJAQ 100.9 FL Marianna, call ins
1001 WPCE 105.3 FL Chattahoochee, ID
1013 unID 93.5 k and op, "Bubba Radio"
1051 KHOM 104.1 LA Houma, r, ID
5/21 Es
0925 KLAS 89.5 Jamaica
0928 unID 105.3 tent. Jamaica
0929 JBC 91.1 Jamaica, "JBC FM \$"
0935 RJR 94.9 " ", \$, //101.3
0935 JBC 97.1 " ", \$
0937 RJR 101.3 " ", //94.9
0943 FAME-FM 95.3 " ", \$
0946 JBC 103.9 " ", \$
0949 IRIE-FM 105.5 " ", //107.1
0949 IRIE-FM 107.1 " ", \$
0952 FAME-FM 91.5 " ", //95.3
0954 RJR 104.5 " ", \$
0956 KLAS 89.9 " ", //89.5
0956 RJR 90.5 " ", //94.9 & 101.3
0957 JBC 92.1 " ", //91.1
1000 C??? 98.1 CUBA, \$, "R.Allies"?
1001 FAME-FM 98.1 Jam. Kingston ref,
This fighting with above Cuban.
5/22 Es (spotty)
0949 KLZA 92.9 NM Artesia
1035 KYYY 92.9 ND Bismarck, Y-93
5/24 trs
0903 WJTB 93.7 GA Sandersonville
0905 W 92.5 GA Zebulon, k, "Macon's"
6/3 Es
1259 CBOQ 90.5 ON Ft. Frances, CBC Radio"
1300 WQMO 95.3 WI Shell Lake, ID
1754 kGLS 93.1 KS Pratt
1801 KENL 89.9 TX Laredo, ID
1802 KWJC 91.9 MO Liberty, DI
1809 KBAT 93.3 TX Midland, op
1813 KXXL 101.3 TX Crane, Tejano,
"TMS Radio Net.", ads, \$
1816 KODM 97.9 TX Odessa
1828 KGNZ 88.1 TX Abilene, g
1830 KENT 90.5 TX Odessa, "Sonshine R."
1834 KDCC 92.9 TX San Angelo, k
1843 KSJT 107.5 TX San Angelo, SS
1856 KMJH 95.7 CO Denver
1859 K??? 92.1 CO Castle Rock, pr, "92X"
1902 KILQ 94.3 CO CO. Springs
1903 KFID 101.3 KS Wichita
1904 KWBI 91.1 CO Morrison
1906 KERM 98.3 WY Torrington
1907 KNUS 101.9 WY Burns
1918 KWKR 99.9 KS Leoti, flood warning
1921 KUWR 91.9 WY Laramie
1923 KICX 96.1 NE McCook
1950 KQIZ 93.1 TX Amarillo, "293"
1952 KSRW 96.1 TX Childress, Tornado
warning for Childress Co.
1954 KBUY 94.1 TX Amarillo, "K-Buy 94"

SOUTHERN FM DX

6/3 Es
1957 KGRW 94.7 TX Priona, Tejano, ID
2000 KACV 89.9 TX Amarillo, s, ID
2005 KMRE 95.3 TX Dumas
2021 unID 93.6 r, KROO off freq.?
6/5 Es (brief)
1001+ unIDs 91.9, 92.9, 94.1

A few good openings, but a very slow Es Season overall. Plenty of time for a good season to take place though. 73.

Pat Dyer, WASTYX, 5315 Silvertip Dr., San Antonio, TX 78228-2744

Equip.: Realistic TM-1001 tuner (two i.f. mod. w/150 kHz filter) into Allied 426 52-ohm step-attenuator box used to reduce local intermod/overload when needed, 6-e Archer antenna at 20' with rotor. CST used, new underlined, all Es unless noted.

Table of radio frequencies and call signs for the left page, including entries like 1784 HF-- 92.3, 1724 76-- 97.7, 1733 76-- 98.9, 1750 1-- 98.7, 1885 KHCO 98.5, 81-21-95: 1222 K141 93.5, 1225 K5SD 92.5, 1787 HF-- 92.3, 1742 HF-- 98.5, 1728 7E-- 91.1, 1731 ---- 86.9, 1827 XHNF 93.7, 82-01-95: 1236 XHPS 93.0, 82-02-95: 1127 WESL 92.5, 1127 WYUJ 94.5, 1128 WYRC 95.7, 1129 WFEB 57.9, 82-05-95: 2825 K5BE 92.5, 82-16-95: 1732 KFPA 92.0, 82-21-95: 1828 WFS 99.3, 83-21-95: 2257 KJAE 181.5, 83-22-95: 8389 K1CR 98.7, 8344 WYNY 181.5, 8355 WCKW 92.3, 8428 WDCY 92.7, 8586 WNDJ 98.7, 8559 WLSA 98.7, 8682 WTSE 188.7, 8684 K5ME 94.5, 83-22-95: 8750 K1PR 92.0, 8812 KUEZ 95.2, 8814 WPC- 99.7, 8818 KLAZ 185.9, 8824 KNUE 181.5, 8827 KYV 93.1, 8841 KYKS 185.1, 8847 KJDS 182.0

Pugh, cont.

6/7 Es (brief)
1129 unID 93.5 L, \$, "la Pablosa"
6/8 gw (new to air)
2000 WDJU 94.1 AL Meridianville, r, \$
//92.5 Trinity, AL "WQX 92.5" slogan

Table of radio frequencies and call signs for the right page, including entries like 8858 KYKX 185.7, 8858 KJAF 181.7, 8982 KWK- 94.5, 84-09-95: 8388 KVRT 98.7, 8356 KJUE 99.3, 8359 WMBV 91.9, 84-18-95: 1554 WEDW 92.5, 1556 WFRY 92.5, 84-21-95: 8928 K5SE 94.5, 8925 K1CF 98.7, 8937 WYNY 181.5, 84-29-95: 2859 WYNY 181.5, 84-38-95: 8752 WCKW 92.3, 8755 WKSJ 94.9, 8848 WGBL 98.1, 8811 K1CR 98.7, 8741 WERN 95.9, 85-01-95: 8848 WCKW 92.3, 85-02-95: 1552 XHSRO 92.5, 85-04-95: 8917 KFDI 93.5, 85-07-95: 8938 WRRF 92.3, 8931 WPAR 88.1, 1816 WXPY 93.5, 1828 WFX 94.3, 1838 WBTQ 93.5, 1851 WRVG 93.7, 1126 WUKS 92.5, 1131 WRGN 93.5, 1759 K5SS 92.5, 1829 KLIJ 96.5, 1836 KZEE 93.5, 1841 K147 93.5, 1851 WDFC 97.9, 1853 KUPD 97.9, 1982 KFDI 93.5

CONT.

JULY 1995

SOUTHERN FM DX

Table of radio frequencies and call signs for the right page, including entries like 85-09-95: 8838 WCKX 92.7, 8838 WYNY 181.5, 8956 KTDY 99.9, 1882 WBRU 187.3, 1121 K1M2 96.9, 1126 K1CR 98.7, 85-11-95: 1114 XHWY 93.5, 1282 XHSRO 92.5, 1785 XHSRV 92.7, 85-13-95: 2822 KLTJ 185.5, 2825 KLFY 187.3, 85-14-95: 8888 WMBV 91.9, 8836 WCKW 92.3, 85-15-95: 8945 XHRM 92.5, 1819 XHMOE 98.7, 1182 XHJC 92.5, 1188 XWST 94.5, 1485 X1S2 97.9, 1438 XELO 92.5, 1439 XNAT 184.1, 1447 XNKC 96.5, 1449 XKCV 95.7, 2859 XHDC 93.5, 85-16-95: 8123 WDCX 92.7, 8138 WYNY 181.5, 8986 WPAF 92.5, 8987 WMTD 93.5, 8988 WKGL 96.9, 8918 WMYA 92.3, 8913 WNF8 94.3, 8923 WDFW 95.7, 8926 WGLL 185.9, 8938 WILN 185.9, 8931 WYDC 184.9, 8938 WVDH 93.5, 8946 WCMG 92.3, 8951 WZHO 183.9, 1882 WKKZ 92.7, 1887 WMOG 93.5, 1815 WVRV 93.5, 1826 WHL2 92.5, 1856 WHTQ 96.5, 1857 WRR1 97.7, 1118 WROD 187.3, 1111 WZEE 98.9, 1112 WNTT 94.9, 1119 WHTJ 181.5, 1122 WGLF 184.1, 1319 KLOE 95.5, 1328 KLAY 97.9, 1325 KYOT 95.5, 1326 KRCY 185.9, 1328 XHWY 98.9, 1329 KFMH 188.7, 1334 KZEE 93.5, 1339 KXGW 94.5, 1341 KFDI 93.5, 1345 KTRS 95.5, 1351 KTAK 93.9, 1351 KSSD 92.5

Dyer, cont.

Table of radio frequencies and call signs for the right page, including entries like 1357 KLZY 92.5, 1359 K141 93.5, 1484 XPRN 89.5, 1413 KJVE 92.3, 1415 KEWB 99.9, 1428 KFAI 93.7, 1423 KOSW 96.5, 1425 KAML 96.9, 1436 KNCM 92.5, 1439 KFND 95.7, 1448 KYMK 93.9, 1451 K2H 94.9, 1588 KRCE 53.1, 1923 WESC 92.5, 1927 W2VJ 96.9, 1941 WXPV 92.5, 85-21-95: 8355 KVR1 91.7, 85-22-95: 8728 KTYL 93.1, 8735 WQUE 98.3, 8759 WHLA 98.3, 8881 KDAQ 89.9, 8884 KUNY 91.5, 8887 KQRS 92.5, 8812 KOYN 93.9, 8819 KUNC 91.5, 8828 KJYJ 92.5, 8838 K815 98.3, 8832 KOSW 96.5, 8842 KTRS 95.5, 8845 WYVF 93.7, 8846 KOPM 92.5, 8851 KBRV 93.7, 8851 KZDB 92.5, 8852 KIEZ 93.5, 8859 KELD 92.5, 8988 WBC 93.7, 8981 KAPL 91.9, 8986 K1QZ 92.7, 8913 KLZY 92.5, 8921 KTAB 97.9, 8923 KH1H 95.7, 8923 KTAK 93.9, 8923 KXMY 93.9, 8924 KRCS 93.1, 8929 KRYE 94.7, 8938 KQAA 94.9, 8938 KGIF 96.9, 8948 KPER 95.7, 8953 K5F3 92.7, 8957 KZPK 96.5, 1815 KXGW 94.5, 1822 KMCW 92.5, 1827 KRDE 94.9, 1828 KLET 92.7, 1115 XWYO 96.5, 1121 XBL 95.5, 1124 XYYA 93.3, 1138 K1DI 98.5, 85-23-95: 8182 WYNY 181.5, 8253 KB1U 183.7, 1635 KZDB 92.5

CONT.

SOUTHERN FM DX

05-24-95:					
0828 KZHT	94.9	UT	PROVO ("Jamin 94.9")	1059	
0831 KPRS	92.5	MN	GOLDEN VALLEY ("KG-92" ist. ID)	1108	
0841 KZMZ	96.9	LA	ALEXANDRIA (tr; ID)	379	
0850 KXFI	96.5	CO	EVERGREEN ("The Peak")	792	
0854 KTKA	93.9	WY	RIVERTON (ID)	1056	
0854 KGSW	96.5	WY	ROCK SPRINGS ("90-96")	1014	
0855 KUM	98.5	WY	ROCK SPRINGS (MY net ID)	1025	
05-27-95:					
1024 HR--	98.5	Hon	TEGUCIGALPA (town ID)	1258	
1025 HR--	92.3	Hon	SAN PEDRO SULA (town ID)	1150	
1022 TIBAS	93.5	Cor	BUENA VISTA ("R. Monumental")	1500+	
1047 IHJM	92.5	Pu	Puebla (town ID)	715	
1059 HF--	98.9	Hon	SAN PEDRO SULA (town ID)	1150	
1114 TE--	92.3	Gua	GUATEMALA CITY (country ID)	1120	
1116 TFFF	88.1	Gua	GUATEMALA CITY ("Faubesteric")	1120	
1153 XHPA	93.7	GR	ACAPULCO (city ID)	878	
1152 XHNE	96.9	GR	ACAPULCO (city ID)	878	
1157 XHRC	91.7	Pu	PUEBLA (city ID)	715	
1158 XHRC	94.9	Pu	PUEBLA (ID)	715	
1200 XERC	97.7	DF	MEXICO CITY (ID)	698	
1224 XEFA-102.7	DF		MEXICO CITY (city ID)	698	
1636 KMBN	93.9	AZ	FLAGSTAFF (local ad)	843	
1637 KLUC	96.5	NV	LAS VEGAS (ID)	1052	
1642 KEYV	93.1	NV	LAS VEGAS ("Y-93";)	1077	

Dyer, cont.

JULY 1995

1647 KWNR	95.5	MV	HENDERSON (ID)	1052	
1652 KZEE	93.5	UT	ST. GEORGE (local ad)	1010	
1659 KUNV	91.5	NV	LAS VEGAS (ID)	1052	
1659 KILA	98.5	NV	LAS VEGAS (ID)	1052	
1659 KSSD	92.5	UT	CEDAR CITY (ID)	1018	
1706 XSNL	106.5	NV	LAS VEGAS ("Sunny 106.5")	1052	
1709 KXTC	99.9	NM	THOREAU (ID)	723	
1719 KKOF	94.5	NM	GALUP (ID)	697	
1721 K1A2	93.5	AZ	PAGE (area ad)	895	
1731 KZHT	94.9	UT	PROVO ("Jamin Hot 94.9")	1059	
1737 KBZN	97.9	UT	OGDEN ("The Breeze")	1120	
1742 KUMT	105.7	UT	CENTERVILLE (ID)	1057	
1748 KEKB	99.9	CO	FRUITA (ID)	878	
1753 KLZY	93.3	UT	SALT LAKE CITY (state ID)	1067	
1802 KGSW	96.5	WY	ROCK SPRINGS ("90-96")	1014	
05-28-95:					
1927 KZDB	92.5	CO	BREEZY ("1-92.5"; area ad)	815	
1957 KXMY	93.9	SD	RAPID CITY (ID)	1026	
05-29-95:					
1329 WJCO	92.5	MI	TOMAHAWK (ID)	1286	
1329 WJAF	92.5	MI	ATLANTA (area ad)	1020	
Comments:					
Lots of days with strong tropo masking some of the Es.					
Hopefully the Costa Rican wasn't some closer Central American relay.					
Lots of other Latin American uniDs.					

STATION BREAK

WTFDA STATIONBREAK
P.O. Box 514
Buffalo, NY 14205-0514

WTFDA member ads only. Items may be edited to conserve space.

FREE! - High Band Scientific Atlanta ch 7 - 13 antenna. 11 element. 90" boom. Extra heavy duty - designed for CATV headend. Elements are roughly 1/2" in diameter. Must pick up.
Eric Sundius - P.O. Box 513 - San Miguel CA 93451 (805) 467-2513

FOR SALE - VHF + UHF traps as mentioned in the January article from Rich Wertman. VHF model - 50 dB - specify channel - each \$40.00 + \$5.00 shipping/handling. FM model - 40 dB - specify frequency - each \$40.00 + \$5.00 s/h. UHF model - 25 dB - specify channel - each \$59.00 + \$5.00. via UPS. Traps can be combined to increase notch depth and for multiple channels. Allow 4 weeks on delivery.
Rich Wertman - 6150 Crosby Road - Lockport NY 14094

Here are some items from "Bruce's Bargain Bin." Order from Bruce Elving, PO Box 336, Esko MN 55733-0336. VISA/MASTERCARD (minimum charge card order \$10) 1-800-605-2219. [That number for orders only.]

McIntosh FM Station Directory, about 1968, \$2.25 postpaid.

"FM For Education," 1948, 30 pp. report on the future of FM educational radio, 88-92 mhz, \$1.75 postpaid. Or this and the McIntosh directory \$3.00 postpaid.

"FM Radio-Electronics" magazine, Aug. 1943, with cover picture of W43B (FM) Paxton MA, and much news of the developing FMedium. Very good condition; a collector's item, \$8.00 postpaid.

Lafayette Radio-Electronics catalog, 1964. See what was for sale in the era before cassette recorders, when tubes were supreme, plus the latest in antenna gear, \$24 postpaid.

WTFDA TV Station Guide, 1975, \$6.95 postpaid.

1994 M Street Radio Guide, with station addresses, \$15 postpaid.

Not Available

1989 M Street Radio Guide, \$7 postpaid.

1990 Broadcasting Yearbook, binding a bit bad, but lots of info and addresses. \$18 postpaid.

"Manual of Electronic Servicing Tests and Measurements," a large comb-bound book by Robert C. Genn, Jr., 1980, \$4 postpaid.

Dataworld FM and FM translator directory, hundreds of loose pages, with geographical coordinates, by frequency, 1989, \$7 postpaid.

Same thing for 1991, \$7 postpaid. [If one is sold I will send the other one.]

Broadcasting directory of radio-cable yellow pages. Not the stations volume, 1994. \$2 postpaid. Crosslists many of the people at stations.

FM Guide, a collection of eight issues from 1969-70 covering the NY FM dial, \$9 postpaid. [ed. 1989, \$11.99 postpaid (one only)]

FM Atlas back issues-1972 2nd edition reprint \$3.05 postpaid (12 in stock). Ninth edition, 1984, \$8.13 postpaid (one only). 12th/

Sender adapters-FM radios modified to become a transmitter. Not as good as the "Miller Transmitters" in my former catalog, but OK

for relaying DX your tuner gets to lesser radios in the next room. Limited range, but the range can be enhanced with an optional FM booster and external antenna. \$23 plus \$6 shipping.

Sony reel-to-reel tube tape recorder, 7 1/2 and 3 1/2 ips. Fast forward lever does not work well, but a good way to capture your DX--and better quality than with cassettes. Has pause. \$56 postpaid.

VUD back issues, most years since 1971, \$15 per year postpaid. Most issues have my "FCC-FM Column." Remember?

A variety of used FM yagi antennae, and one UHF TV yagi antenna for up to channel 40, non UPS shippable. If you plan to drive near Duluth, you could arrange to pick up in person.

FMedial newsletter--full of news of FM format changes, stations on the air and DX ready, translators and SCS. Six months DXer rate \$12; one year \$26, includes freebie back issues.

FM Atlas--new 16th edition, 224 pp. full of FM station news, maps and directories, plus introductory material. Probably the best "FM Atlas" ever, having started as a WTFDA project in 1971. \$18 postpaid. Buy now by mail. If I get to the convention in the Adirondacks, I will have some along for sale. "The FM Atlas is recommended to new WTFDA members. . . I feel the Atlas is always far superior to anything a DX club could put out," Bill Thompson, WTFDA club publisher.

"Road Trip USA," a thick book of interesting side journeys by car plus radio info. The "Great AZ Vacation Radio & Travel Guide," a now defunct publication, prototype issue. Both for \$3.00 postpaid.

Mike Knitter's 1992 FM Radio Log, showing main stations and translators by frequency, along with addresses and geographical coordinates, drilled for binder, \$10 postpaid.

FM radio stations by frequency of the U.S. and Canada, my original typed and marked-up copy, Oct. 1993. Shows most of the changes that went into the current "FM Atlas," in beat-up three-ring binder, \$7.70 postpaid.

ATTENTION WTFDA MEMBERS!!

The Official WTFDA logo decal is here!!

ORDER YOURS TODAY!

(Details are found below.)



The Official WTFDA logo decal is now available in white, red, or light blue. All are 5.25" in diameter and are computer-cut in reverse to be applied to the inside of your favorite DX vehicle window. Are you a WTFDA member?

ADVERTISE IT!!

Send \$5.00 check or money order to:

Old West Graphics
749 S. Lemay, Ste. A3-355
Ft. Collins, CO 80524-3251

WANTED - Wanted to buy amplifier-tuner - any model which has AM stereo built in.
Dave Sinclair - 6565 Brooks St. - Vancouver, B.C. V5S 3J6 - CANADA

FOR SALE - DXers' Shopping Lists mailed throughout the year. If you want to be on the mailing list send your name, address, interests, to:
Rich Wertman - 6510 Crosby Rd. - Lockport NY 14094

WANTED - 13 or 23 GigaHertz television STL system. Available: RCA TFU33JN omni transmission antenna for LP or full-power station. Brokerage of LP or full-power TV, or radio stations (operating or dark) or CPs. Finders' fees paid.
John O. Broomall - 799 Santa Fe Trail - Woodstock GA 30188 (404) 516-5757

FOR SALE - IC-R7000 Receiver with video adapter, perfect condition, \$850.00, and will ship anywhere in continental U.S.
Eric Voytko - 1721 Dalewood Place - McLean VA 22101 (703) 356-9663

FOR SALE - Pioneer F-90 FM/AM Digital Synthesized Tuner (silver). I have original packaging and instruction manual; all in mint condition.
Dave Sinclair - 6565 Brooks St. - Vancouver, B.C. V5S 3J6 - CANADA

FREE! - New Fifth Edition of E-Skip Maps for channel 2 through 6 now available! FREE! Includes many new logos and FOX shuffle updates. Send a SASE with 55 cents postage attached to:
E-Skip Maps - 154 Old Post Road North - Croton-on-Hudson NY 10520-1932

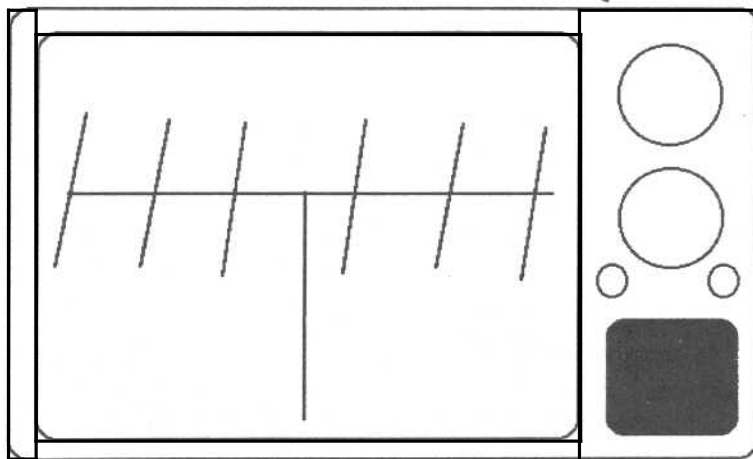
FOR SALE - VENEZUELAN FM STATIONS LIST: A new list with complete information on FM stations nationwide: installation, operations, power, addresses, owners, names. Ordered by frequency and by state. 25 pages. Price: US\$ 4.00 Air Mail. VENEZUELAN TV STATIONS LIST: A new list with complete information about TV stations nationwide: relays, power, localization, channels VHF/UHF, addresses, future plans. Ordered by state and by Station. 14 pages. Price: US\$ 3.00 Air Mail. Order to:
Manuel Rodriguez Lanza - P.O. Box 65657 - Caracas 1066-A - VENEZUELA

FOR SALE - DXers' Shopping Lists mailed throughout the year. If you want to be on the mailing list send your name, address, interests, to:
Rich Wertman - 6510 Crosby Rd. - Lockport NY 14094

WTFDAers: YOUR ad can appear in the VUD free of charge! Got a piece of DX gear you'd like to sell? Looking for something? Advertise in STATION BREAK. This feature appears on a space available basis. WTFDA and the VHF-UHF DIGEST assume no responsibility for any claims made by advertisers--our trust is implicit, as fellow DXers.

USA TV Database

1995 Edition



The Database has been selling pretty well, but there are still plenty of copies left. Again, all full-power stations are listed, as well as most LPTVs. (those in Alaska, Yukon, and Northwest Territories are omitted) All U.S. and Canadian stations, and many in Mexico, are in here.

Listings include city & state, callsign, channel offset, power & HAAT, tower coordinates, and programming. Stations believed to be on the air are marked. All data is based on official FCC and Industry Canada files, updated by DXers. This is the only reasonably-priced TV reference that lists LPTVs.

The Database comes on pre-punched 8-1/2x11" sheets, ready to insert in a standard 3-ring binder. There's room for notes and updates.

The price: \$16.95 to WTFDA members, \$19.95 to non-members in the U.S.; \$18.95 (members)/\$21.95 (non-members) in Canada, U.S. funds. (at current exchange rates, that's CDN\$26.90 for members) Checks or money orders should be made out to Doug Smith - TV Database. Sorry, I can't take credit cards. Send your order to:

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