

TV-FM DX

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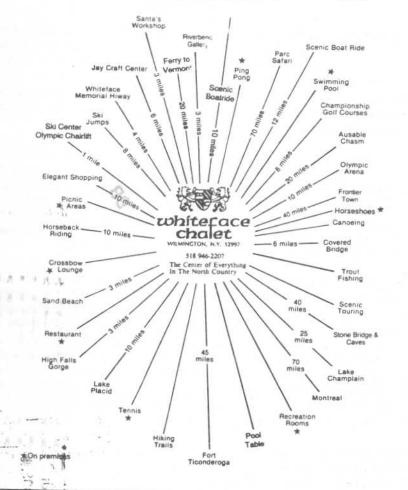
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11/95 BILL NOLLMAN 35 NYE ROAD GLASTONBURY ( CH 06033

The Official Publication of the Worldwide TV-FM DX Association

**JULY 1995** 

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



to all other funds)

class

# 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 do
 ERP dry
 HAAT land
 Call wide
 City 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
(TL: 33°20'01"N, 112°03'44"W)
OK 62 54 144 KMMZ Okla. City
(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 J 357 Call City Bloomington (was 55kW/366m)
UT 14 1400 1181 KJZZ Salt L. C. (was 1637kW/1173m)
WI 48 1350 292 WEUX Chippewa F. (TL: 44°57′27″N, 91°40′08″N) (roughly 12km west of Chippewa Falls) (was 60.3kW/98m)

# CHANGES GRANTED TO EXIST-ING STATIONS

St Ch ERP HAAT Call City CA 42 1820 1087 KESQ Palm Sprs (was 316kW/192m) CA 60 3540 362 KCSM San Mateo (was 1550kW/369m) HI 11 30.9 -180 KHAW Hilo (was 2.09kW/-188m) HI 13 30.9 -180 KHVO Hilo (was 4.68kW/-185m) IN 59 4500 304 WXIN Indpls. (was 2090kW/302m; to be 900kW verti-NE 15 5000 453 KXVO Omaha OH 23 5000 nc WAKC Akron (was 1290kW) ON 3 72.4 nc CITO Timmins (change in TL granted) ON 6 nc nc CFCL Timmins (change in TL granted) PR 44 308 nc WVEO Aquadilla (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 36); Winnipeg, Manitoba (channels 36 and 48); and Saskatoon, Sasktchewan. (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	KSBN-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	?
WTV0-17	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
WUAB-43	Lorain, OH	ind	UPN/WB
KROZ-36	Roseburg, OR	ABC	ABC/WB
	Johnstown, PA		
W29AH	Pittsburgh	Box	WB
WYOU-22	Scranton, PA	CBS	CBS/UPN
WGBA-26	Green Bay, WI	Fox	Fox/UPN
WTRF-7	Wheeling, WV		

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 "KWBF-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 KCLN-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 supers 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 relayer 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

Three other stations aren't currently in violation, but would be restricted from increasing to full facilities. KOCT-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 the air. move to channel 26 in the 1960s, swapping its channel 59 to New London, Conn. The FCC denied the request.

#### 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

(Forum, Jeff Kadet, contd.)

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

K62?? Channel America TBN zero to K58DH K58?? Regis & Kathie Lee; K6722 Pine Bluff ad

#### Joe Fela, S. Plainfield NJ:

channel 39. Joe says it moved on May work affiliation information. 25. The station had been IDing as Among it, the note that the Denver both W38AM and WNYX; it now IDs as switch will take place July 1. both W39AM and WNYX! Both Joe and I This switch has KCNC-4 going from are pretty sure W39AM is an invention NBC to CBS; KMGH-7 from CBS to ABC; of WNYX's owners.

Two more LPTVs have appeared relaying WNYX. W52BN Mineola is one. launching a Sunday morning maga-The other is on channel 58, and ap- zine show in the fall. It'll first pears to be to the south of the other air on Fox-owned stations, then go relayers- Joe speculates south Brook- to the entire network. lyn or somewhere near Kennedy Airport. I have no listing for a 58 anywhere in the area and would think advice on the best antenna, how WNJB would make that difficult- could high it should be, and the best this 58 actually be somewhere in type of coax cable. He's been South Jersey?

ristown isn't a 100- relay of WLIG biggest antenna you can afford, as anymore. Some syndicated series had high in the air as you can afford, already been blacked out from W44AW, and use the thickest cable you can but now some movies area also substi- afford. I'm sure our more tuted. Joe says a "cable version" of technically-minded members have WLIG is on Manhattan cable systems, more solid advice! and it appears W44AW is carrying this "cable version".

#### John Lentz, Muskego WI:

CP for WWRS-52 Mayville. This sta- Plus, a good long-haul Texas tropo tion is located about 35 miles north- in early June which brought 600+ west of Milwaukee. Anyway, a DXer mile UHFs. It hasn't been a specfriend of John's who works for WWRS's tacular season, but the season is owner (at one of his co-owned radio still young. Good luck! stations) was told that construction is progressing, and WWRS is trying to negotiate a CBS affiliation. The theory is that WWRS will fill CBS' coverage gap resulting from their Doug Smith (W9WI/4) move to WDJT-58.

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

heard John has also (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 WNYX-LP has indeed moved to right!) Jeff forwarded some netand KUSA-9 from ABC to NBC.

Also mentioned, that Fox is

Finally, Jeff is looking for having trouble receiving any DX further than Cleveland. My gen-WLIG-55 translator W44AW Mor- eral advice is to put up the

A few decent Es openings, John has some information on the including some new Texas loggings.

1385 Old Clarksville Pike Pleasant View, TN 37146-8098 To be honest, I rather doubt CBS Internet 72777.3143@compuserve.com





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Many of the items listed in this column are taken from the publication: M Street Journal - 304 Park Ave. So. 7th Floor - New York, NY 10010 PHONE (212) 473-4668, FAX (212) 473-4626

#### KEY:

a: satellite programming

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 format change

GA: granted amendment to table of FM allocations

GE station was granted extension of a CP AF: new freq. allocation accepted for filling | GX: granted replacement of expired CP LC: filed for license to cover (for new stn.)

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: siopan change or update

SI: station is silent XC: station granted a transmitter (xmtr)

site change



### UNITEDSTATES

#### ALABAMA:

Butler: WQGL 93.5 PG> 25 kW, 693 ft, XC Carrollton: WALN 89.3 CC (NS) Dothan: W212AS 90.3 NS-25w(v):WLBF89.3AL

Russelville: WSHK 97.7 PG< 1650 w. 623 ft.

#### ALASKA:

Houston: 'NS 92.1 AF

Houston: \*\*\* 96.3 GA to add class A

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)

KZNO 98.3 CC (ex KLCR) "La Zeta" Nogales:

Prescott: KAHM102.1 PG< 58 kW, 2526 ft. ARKANSAS:

99.3 GA to add class A Atkins 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 PC> 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: KWAK105.5 FC to country, "Wings 105.5" Wrightsville: KYTN 107.7 PC> 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 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: KBHR93.3 NO-GE (4th)

Calipatria: KSSB 100.9 LC

Carlsbad: KKOS 95.9 one step appl. for 95.7 B1 7200w, 604', 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: KHUM104.7 CC (ex KBEY) Gilroy: KUFX 94.5 adds Imus (San Jose)

# California:

Greenfield: K265DK100.9 NS-250w: KTOM 100.7 Salinas

Lemoore: KQYZ 104.9 NO-GE (2nd)

Lompoc: KAKV 106.7 CC (NS) Needles: KWAZ 97.9 PC> 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.876ft (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: KVPC105.5 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:

KNFO 106.1 CC (ex KVYT-CP) Basalt: KQMT 101.5 FC to adult alt. (Breckenridge) Eagle

Gunnison: KKYY 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 KURA 105.7 PC> 7 kW, -23 feet

Silverton: KTRN 103.7 NO-GE Steamboat Sps: KBCR96.9 CC (ex KSBT)

CONNECTICUT:

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

### FLORIDA:

Edgewater: WKRO 93.1 CC (ex WEDG) "Crow FM"

PC> 14.9 kW

Ft.Lauderdale:WSHE103.5 FC to adult progressive rock Ft.Mvers: WOLZ 95.3 PG<78,510w, 476ft,

XC: 26-30-18 / 81-51-13 Ft. Walton Bch: WJUS96.5 NO-RE Graceville: WYDA101.7 NO-RE(5th) Panama City: WFSW89.1 NO-GE (2nd)

Silver Sps: WLVX 95.5 PC>6 kW Tarpon Sps: WYFE 88.9 PG< 60 kW< 466 ft.

CO: 28-15-27 / 82-41-31

Winter Park: WLOQ103.1CX CP for 14 kW, 440ft, DA



### **EMNEWS**

GEORGIA: Bowdon: WYAI 105.5 NO-RE

WLKQ102.3 PG>4 kW, DA Buford: Hawkinsville: WQSY103.9NC to 10.5 kW, 495', but RE

WEGC107.7 CC (NS), 25 kW, 328 ft. WMGZ 97.7 PG> 8.5 kW, 554 ft, XC: Sparta: 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 95.7 NO-GE (2nd) Trion: WATG

WGPH 91.5 PC> 40 kW, 508 ft. Vidalia:

#### HAWAII:

\*NS 91.1 AF (Hawaii Public Radio) Hilo:

Pipou: KSRF 95.9 NO-RE (2nd) Waimea: KAGB 99.1 NO-RE

#### IDAHO:

Sandpoint: KSPT 102.5 CC (ex KJDE)

\*NS 107.9 AF Shelley:

Twin Falls: \*NS 88.9 AF (isn't this one on already?)

#### ILLINOIS:

WAHI 98.5 LC Augusta:

Chicago: WMBI 90.1 PG>100 kW (v), CO:41-55-41/88-00-25

WLS 94.7 FC, talk now // AM 890 again WDNL102.1 adds WW1 adult con. (&) WJMU 89.5 PC> 1,650 watts Decatur:

E.Moline: WLLR 101.3 adds After Midnight Freeport: \*NS 89.1 AF

Knoxville: \*\*\* 105.3 GA for class A Lawrenceville: WAKO103.1 NC to 6 kW, 246', RE (2nd)

Loves Park: WLUV 96.7 FC to Jones CD Country (&) Mendota: WGLC100.1 FC to SMN country (&)

Monee: WGNR 88.9 inc to 81 ft XC WJLY 93.3 PG<2550w, 505 ft. Ramsey:

Rushville: WKXQ 96.7 PA to change to 92.5 class A Springfield: WLGM 89.7 NW, contemporary Christian &

Virginia: \*NS 101.3 AF Warsaw: WIUW 89.5 NW, info/jazz/classical//WIUM

# INDIANA:

Loogootee: WBHW 88.7 CC (NS)

Monticello: WMRS107.7 PC<2450w, 515 ft, DA

CO: 40-40-08 / 86-41-44

Plymouth: WNZE 94.3 adds WW1 soft AC (&) Princeton: WSJD100.5 NO-GE, PC>6 kW, DA CO: 38-21-11/87-36-27

#### IOWA:

KLGA 92.7 PG> 3.5 kW Algona: Boone: KRUU 98.3 adds After Midnight

KRKN 104.3 CC (ex KACG) Iowa Falls: KIFG 95.3 PC>6kW, XC:42-30-52/93-12-53

Muscatine: \*NS 93.1 AF Ottumwa: \*NS 89.1 AF (lowa St.)

# Sageville: \*\*\* 106.1 GA to add class A

McPherson: KBBE 96.7 PC>6 kW

KANSAS:

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

#### KENTUCKY:

Campbellsville: NS 91.7 250w, 210' (Amer. Family Assn) Cattlettsburg:WRVC92.7 CC (ex WCMI)
Cave City: WHHT103.7 SG "Mix 103", sat. AC (&)

Danville: WMGE107.1 SG "The Skunk" (!) Elizabethtown:WQXE98.5NC to 98.3 vet Georgetown: WTKT103.3 PC< 1.8 kW, 607 ft.

XC: 38-02-07/84-27-02 Hardinsburg: WULF94.1 CC (ex WHIC) Midway: WAHY107.9 CX CP for 6 kW Vine Grove: WRZI 101.5 SG "Ritzy 101.5"

## JULY 1995

#### LOUISIANA:

KSIG 102.1 one step appl for C2, PG> 50 kW Basile:

492', CO: 30-19-59 / 92-21-21 KMRL 91.9 NW, contemporary Christian Buras'

DeRidder: KEAZ 101.7 reported SI Dry Prong: KVDP 89.1 PG>4.5 kW

Erath: KPEL 107.7 QG to 107.9 - C1, 10 kW, 584 ft. Franklinton: \*NS 98.9 AF

\*NS 88.1 AF Jena: Mamou: KAHK 101.1 GA for class C3 (CP)

N.Fort Polk: KCIJ 106.7 NW, contemporary Christian

#### MAINE: WBCI 105.9 adds SKY cont. Christian (&) Bath:

Madison: WIGY 97.5 CC (ex WHAA-CP) Presque Isle: WQHR96.1 CC (ex WTMS) Waterville: WEBB 98.5 PC>63 kW

#### Winter Harbor: \*NS 97.7 AF MARYLAND:

94.9 PA to add class A Borlin:

Braddock Hts: WXVR103.9 CC (ex WZYQ), "Extra 104"

### MASSACHUSETTS:

Falmouth: \*NS 91.9 654w, 177' (Univ. of Mass.)

Northampton: WEIB106.3 NO-RE(5th) Woods Hole: \*NS 90.1 AF

### MICHIGAN:

Alpena: WHSB107.7 PG> 100 kW, 610 ft. CO: 45-03-46 / 83-42-56

Grand Rapids: WCUZ101.3 adds After Midnight Greenfield: \*\*\* 107.7 PA to delete this class A

L'Anse: \*NS 1061 50 kW 492 ft

Lansing: WHZZ101.7 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:WFON106.3 NO-RE

# Stockton: \*\*\* 107.7 PA to add class A

MINNESOTA: \*NS 96.7 AF Bagley:

Bemidji: KCRB 88.5 dec. to 974 ft. Hermantown: \*NS 92.1 AF (Harbor Broadcasting)

Holly Springs: WHLE94.9 NO-RE(4th)

Redwood Falls: KLGR97.7NC to 60 kW, RE (3rd) Roseau: \*NS 102.1 AF

St. Joseph: KKJM 92.9 NO-RE

St.Louis Park: KMJZ104.1 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: WRSR104.3NO-GE, PG> 50 kW, 233 ft.

## class C2, CO: 47-00-03 / 91-53-00

MISSISSIPPI: Columbus: WACR103.9 NC to 50 kW, 492 ft, RE

WXFJ 97.5 NO-GE (3rd), QG to 97.3 class C3, PG> 19,680 w, 367 ft, XC

Hazlehurst: WMDC100.9 FC to cont. Christian (&) WVIV 93.9 PG> 25 kW, 328 ft.

C3. CO: 32-15-09/89-54-10 Sumrall: WJSJ 106.3 NO-RE WZKS104.1 PG> 18 kW, DA

### CO: 32-2953/88-53-20

MISSOURI: Bismarck: 99.5 GA to add class C Boonville: KTLH 93.9 PA to class C2, CL: Fayette, MO

KYOO 99.1 NW. soft AC (&) (Springfield) Halfway: Ironton: KYLS 92.7 one step, appl. for 92.9 class A

at 770 watts, 676 ft. KMAL 92.7 FC to Jones soft AC (&)

Marshall: KMVC 91.7 NC to 3 kW, 459, RX New London: KLSN105.9 PG< 10 kW, 515 feet Osceola: KBUG 92.3 FC to southern gospel (&)

 Ozark:
 KTTG
 92.9
 CC (ex KZPF)

 Rolla:
 KQMX
 97.5
 QC from 94.3, PC> 6kW, 292'

 Springfield:
 KAKU
 90.1
 CC (NS)

Tarkio: KTRX 93.5 NC to 11 kW, but GX

MONTANA:

Billings: \*\*\* 96.3 PA to add class C1 Columbia Fls: KCWX95.9 PG> 50 kW, XC:48-10-32/114-20-58

Great Falls: 'NS 88.9 6 kW, 243 ft.

NEBRASKA:

Believue: 'NS 88.3 AF

Blair: KISP 106.3 NC to 101.5 /25 kW but GE

Chadron: \*NS 94.7 50 kW, 495 ft. Omaha: WOW 94.1 adds After Midnight

NEVADA:

CarsonCity:KBUL 98.1 PG> 74 kW, 2293 ft.
Ely: "" 96.5 GA to add class A

Fallon: "NS 101.3 6 kW, 248 Sierra NV Christian mx)
Las Vegas: KOMP 92.3 NC to 23 kW, 3844ft, RE (6th)
Pahrump: KFBI 107.5 inc. to 3736', XC: 35-57-57 /

115-30-03

NEW JERSEY: Tuckerton: WTUC 99.7 NO-RE(3rd)

**NEW MEXICO:** 

Eunice: KYRK 100.9 NW, cont. Christian // KILA NV Las Cruces: KASK 103.1 SI

NEW YORK:

Alfred: 'NS 101.9 AF

Avon: WHRR 93.3 CC (ex WEZO), FC to classic hits "The River", also will carry the Imus program

Bridgehampton: WLIE 102.5 NO-GE, PG> 4.8 kW, 348 ft. Buffalo: WGRF 96.9 PC to 24 kW< 712 ft, DA

XC: 42-57-14/78-52-37

Buttalo: WYRK106.5 inc. to 466 ft. Chenango Bridge: \*NS 102.9 3.1 kW, 180 ft.

Elmira: WENY 92.7 FC to Jones soft AC (&)
Grand Gorge: "NS105.3 AF (Sound of Life, Inc.)

Jewett: WOMR 97.9 NO-RE Minetto: NS 106.5 AF

Ogdensburg: WPAC92.7 FC to SMN hot A/C (&)

Plattsburgh: WCFE 91.9 NC to 89.7, 190w, GE Poughkeepsie: WALQ 96.1 CC (NS) Rotterdam: WYSR 98.3 CC (ex WTRY) "Star"

Tupper Lake: WRGR102.3 FC to Z-Rock (&)
Webster: WDCZ102.7 NC to 3 kW, 456', RE

Webster: WDCZ102.7 NC to 3 kW, 456', RE Whitesboro: WOWZ 97.9 is indeed running \$tereo

NORTHCAROLINA:

Hertford: WKJE 104.9 GX CP for 50 kW, 293 ft, C2, XC Highlands: WHLC104.5 NC to 310w., 1014ft, XC, GE Raleigh: WCPE 89.7 PG> 100 kW, 1187 ft, DA Roanoke Rapids: WZRU 88.5 NW,into/classical/jazz Salisbury: WEND106.5 CC (ex WRDX), FC to mod. rock

(anding the unique "beach music" format), "The End" Williamston: WCBZ103.7 FC to CHR // WRHT 96.3

NORTHDAKOTA:

Cavalier: 'NS 105.1 AF

Fargo: KFNW 97.9 inc. 1000', XC:47-00-37/97-11-40 Grand Forks: KJKJ107.5 adds SMN classic rock (&)

which will be run over-night Kindred: KPHT 92.7 CC (ex KSSZ)

Rugby: "NS 95.3 AF



OHIO:

Bainbridge WKHR 88.3 PC> 1 kW, 282 ft, DA Castalia: WGGN 97.7 PG<1250w(h), 925w(v), DA

Coshocton: \*NS 91.1 6 kW, 321 ft. (Ohio State)
Reading: WMKV 89.3 NW, adult standards
Springfield: WING 102.9 CC (ex WAZU)

Streetsboro: WSTB 91.5 QG to 88.9, PG> 1 kW Van Wert: WERT 99.7 FC to SMN hot A/C (&)

OKLAHOMA: Heavener: KPRV 92.5 PG>1550

Lawton: KBZO 99.5 one step appl. for class C3, PG< 16 kW, 338 ft, CO: 34-35-31 / 98-32-55

Ponca City: KPNC 100.9 PC> 6 kW, 272 ft. Roland: KYUC 92.3 NO-GE (3rd) Shawnee: KABH 95.1 NO-RE Tishorningo: KTSH106.3 NO-GX (6th) Wewoka: "104.7 GA to add class A

OREGON:
Bend: KTWS 98.3 NCto 6.8 kW, 626ft, GE

Bonanza: "NS 102.9 AF Burns: "NS 92.7 AF Cannon Bch: "NS 96.5 970s, 784"

Lincoln City: KSND 95.1 NW, gold based AC, "K-Sound"

Merrill: "NS 105.7 Wright City: "103.3

Wright City: \*\*\* 103.3 dismissed amendment for class A

PENNSYLVANIA:

Allentown: WJCS 89.3 NO-GE

Grove City: \*NS 88.9 100w, 46': Grove City College
Harrisburg: WYMJ 99.3 CC (ex WIMX), FC to hot AC/talk
Johnstown: \*NS 89.7 AF (OED Communications, Inc.)
Lancaster: WJTL 90.3 NC to 11.8 kW, 495 ft, GE
Patton: WBRX 94.7 FC to SMN Real Country (&)

Pittsburgh: WDSY107.9 NC to 17.7 kW, 827tt, RE (2nd)
Pittsburgh: WDUQ 90.5 dec. to 478 ft.

Reading: WIOV1105.1 NS-5 kW: WIOV Ephrata, PA Tobyhanna: WKRF107.9 CC (ex WPMR)

York: WQXA105.7 FC to modern rock "The Edge"

SOUTHCAROLINA:

Andrews: WGTN100.7 FC to Jones country (&)
Chester: WBZK 99.3 FC to news/talk //WBT 1110
Charlotte (filling a hole in their night coverage)

Johnsonville: WPDT105.1 NW, to be news/talk CC (ex WRHA)

Mullins: WWSK107.1 CC (ex WCIG), FC to hot AC

Ridgeland: WSHG104.9 SI Saluda: WJRQ 92.1 adds PRN - talk (&) Summerton: WLJI 95.5 NO-GX,re-instated

SOUTHDAKOTA:

Lead: "92.3 GA for class C Spearfish: KBHU 89.1 PC<100 w, -348 feet TENNESSEE:

Crossville: WMKW89.3 CC(exWAJX-CP)

Jackson: WAMP 88.1 CC (NS)
Millington: WSRR 98.1 CC (ex WYKL), "Star"
Monterey: "NS 104.7 3.4 kW, 430 ft.

Mufreesboro:WMTS88.3 CC (ex WAKF) Rockwood: WOFE105.7 PC> 925 w, 836 ft

XC: 35-51-55 /84-42-54

Oliver Sps: WXVO 98.7 one step appl for class C3

PG> 12 kW, 485 ft, DA, CO: 36-06-37/84-13-50

TEXAS:

Amarillo: KATP 101.9 FC to SMN classic rock (&)
Amarillo: KLLR 99.7 CC (ex KBUD), FC to gold
based AC, SG "Clear"

Atlanta: KPYN 99.3 NC to 50 kW, 472ft., GE
Bells: \*\*\* 92.9 GA to add class A
Benavides: \*\*\* 98.7 PA to add class A

Benavides: KXTM 107.7 PA to class C2, CL: Bruni

FMNEWS

Texas:

Bowie: KRJT 100.7 NC to 6250w, 435 ft, GE

Bryan: KXBK 89.9 NO-RX Cameron: KJKS 101.3 NO yet

Canadian: KRBG 103.1 NC to 94.9, 100 kW, but RE (5th)

Cleveland: KRTK 97.1 SI

College Stn: KEOS 89.1 NW, Pacifica (at times // KPFT 90.1)

Crane: KXXL 101.3 NO-RE (5th)
Crystal Bch: KTKX 101.5 NO-GE
Denton: KDZR 99.1 inc. to 1725 ft.

Ft.Worth: KEGL 97.1 NC to 98.6 kW, 1673', GX Freeport: KJOJ 103.3 SG "KJ 103 & AM 88" Christian

Freeport: KJOJ 103.3 SG "KJ 103 & AM 88" Chr Country (because of nearby KJ103-KJCS??) Gainesville: KECS 107.9 NO-RE (2nd)

Gainesville: KECS 107.9 NO-RE (2nd)
Galveston: KQQK106.5 now 1322', class C
XC: 29-18-00 / 95-06-40

Giddings: KROX 101.5 RA with new rock (Austin)
CC (ex KOKE), QC from 101.7

Hearne: KHRN 94.3 still reported SI Kingsville: KFTX 97.5 FC to country, "Wild" CC

Kingsville: KFTX 97.5 FC to country, "Wild" CC (ex KWVS)

L.Jackson: KTBZ 107.5 CC (ex KRQT) "The Buzz"
Lamesa: KMMX104.7 adds WW1 soft AC(&) (Lubbock)

Lamesa: KMMX104.7 adds WW1 soft AC(&) (Lubbool Linden: 99.3 PA to add class C3
Luling: KPTY 94.7 FC, to straight CHR, "Party 94"

N.Boston: KEWL 95.1 one step appl. for class C3, 25 kW 325 ft, CO: 33-26-15 / 94-25-11

Odem: KKHO 98.3 PG<11.2 kW, 321 ft. CO: 27-53-31/97-30-11

Palestine: KLIS 96.7 FC to country, "Hot country 96"

San Angelo: KKLK101.9 XC, at 351 ft. San Saba: \*NS 97.1 AF

Seabrook: KRTS 92.1 SI Sterling Cty: KAKR96.5 CC (NS) Temple: KLTD 101.7 NO yet

Terrell: KTLR 107.1 PG> 3276w, 440 ft, non-dir. Victoria: KVRT 90.7 NW, info.class/.iazz//KEDT 90.3

UTAH:

Roy: KRGO107.9 CC (ex KRGQ) "Cargo" Salt Lake C:KUBL 93.3 CC (ex KLZX), "K-Bull"

VERMONT:

Barre: WCMD 89.9 CC (NS)

Rupert: WMNV104.1 PG> 2.9 kW, 223 ft. VIRGINIA •

VIRGINIA:

Blacksburg: WVVV104.9 FC to SMN hot a/c (&) Charlottesville: WWWV 97.5 PG< 8.9 kw, 1132 ft, CO: 37-59-05 / 78-28-49

Colonial Bch: WGRQ95.9 FC to SMN oldies (&) Covington: WIQO 100.9 PC< 560w, 1059 ft, XC: 37-46-36 / 79-55-57

Exmore: WPHG106.1 NO-GE(3rd) Lynchburg: WGOL 97.9 FC to 70's oldies Monterev: WVLS 89.7 NO-GE

WASHINGTON:

Dayton: "102.3 PA to add class A
Moses Lake: "NS 88.3 AF (Moody Bible Inst.)
Pasco: 93.7 PA to add class A
Quincy: "NS 95.9 AF

Quincy: \*NS 95.9 AF Wenatchee: KKRV 104.9 FC to country Winlock: KITI 95.1 LC

WESTVIRGINIA:

Fisher: \*NS 103.7 AF Kemmerer: \*NS 107.3 AF

Miami: WKAZ107.3 FC to 70's oldies (Charleston) Ronceverte: WRON97.7 FC to oldies (&)

Webster Sps: WAFD100.3 NO-RE

**JULY 1995** 

WISCONSIN:

Hayward: WHSM101.7 QG to 101.1, 1500 w, 413 ft CO: 45-59-07/91-32-23

Menasha: WNCY100.3 PG< 45 kW, 489 ft, C2

RA with country "Y-100" Milwaukee: WQFM 93.3 adds Kevin Matthews show

Ripon: WTCX 96.1 PC>3940 w., DA
Whitehall: WHTL 102.3 FC to SMN Real Country (&)

WYOMING:

Buffalo: KLGT 92.7 NC to 92.9, 12kw(h), 3kw(v), GE (6th)

Casper: KASS 106.9 CC (ex KPGM), FC to SMN classic rock (&), "Kick Ass Rock N" Roll"

U.S.TERRITORIES:

PUERTORICO:

Aguadilla: WIVA 100.3 PC< 24.5 kW, 1965 ft, XC: 18-09-07/66-59-15



CANADA

ALBERTA:

### Banff: \*NS 101.3 50 watts (English TIS)
### Banff: \*NS 103.3 50 watts (French TIS)
### Chateh: CBXA 103.5 PG>165 watts
### Falher: \*NS 95.7 671 w. (comm. French)

La Crete: CKYL1 92.1 AF:27 watts

Pincher Crk: CKIZ 90.5 NO-CX-DE BRITISHCOLUMBIA:

Kelowna: CKBL 99.9 NS-11 kW, to be country with

a slogan is to be "The Bullet"
Kitwanga: CJFW 92.9 NS- to be 10 watts
Naniamo: CKWV102.3 PG<1.3 kW
Parksville: CKWV199.5 PG>1.1 kW
Pemberton: CISP 104.5 PG> 400 watts

Victoria: CKKQ 100.3 PC> 47.6 kW, XC MANITOBA:

Gods Lake Narrows: CBWN 99.9 PG< 456 w. NorwayHouse:CINC???? NS granted

Portage la Prairie: CFRY 920 wants 93.1 with 27 kW (but to not delete the AM frequency)
The Pas I.R.: CINC-???? NS granted
Waasagomach: CBWD 105.1 PG< 912 watts

Winnipeg CKMM103.1 CC (ex CKLU)

NEWBRUNSWICK:

Clair: CJEM-1 104.3 NO-CX-DE

Monoton: CKUM 93.5 QC from 105.7, PC> 250 watts St.Leonard: CJEM-2 95.1 NO-CX-DE

NEWFOUNDLAND:

Clarenville: CKCV ??? PG<2.07 kW Labrador City: CBDQ96.3 QC from AM 1490 - now 255 w.

Labrador City: CBSI493.1 QC from AM 1240 - now 225 w. NOVA SCOTIA:

Cheticamp: \*NS 106.1 3 kW (community prog.), EE & FF some relay of CFIM 92.7 -Cap-aux-Meules, PQ

Halifax: CBAF5 92.3 PG< 91 kW Halifax: CBH 102.7 PG< 92 kW

Halifax: CBHA 90.5 PG< 91 kW Sydney: CHER 102.3 AF:(61 kW)(moving from 950 AM) ONTARIO:

CJKX 95.9 PG>5.11 kW Attawapiskat: \*NS 107.1 AF (10 watts) (Native) CFJB 95.7 PG> 96.3 kW Barrie: Barne: CIQB 101.1 PG< 795 watts CBEZ 107.7 NO-CX-DE Britt CHXL 103.7 PG>53 kW, XC

97.1 AF: 10w (would relay WMBI 90.1 Dryden: Chicago, with 20hr/wk of local religious programming)

Ft. Albany: CBCI 102.3 PG< 500 watts 93.5 AF: 33w (for Oct. 7 to Oct. 8 only) Mattawa:

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

\*NS 93.5 AF: 33w: (June 23-25 only) PRINCEEDWARD 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(exVF2009)

îles de la Madeline: CBGA8 93.5 PG> 4.4 kW îles de la Madeline: CBVM 95.3 PG> 4.2 kW Jonguière: CHOC 92.5 PG< 2.693 watts L'Annoncitation: 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 PC>270 watts CFLS 102.9 PG<5,315 watts Mont-Laurier: CFLO 610 QG to 104.7, 10.98 kW \*NS 89.1 AF: 600w (religious) Plessisville: CKTL 95.7 QC 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

QC from 1490, 15.85 kW Valleyfield: CKOD103.1 QC from 102.9 Weedon Centre: \*NS92.7 AF: 600w (religious) Winsdor: \*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: \*NS105.50.9 w (TIS) Upper Liard: VF2038 90.5 QG to 98.1

Watson Lake: 'NS105.5 3 w TIS

⇒Thankstomanycontributorsthismonth! DougSmith 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 industryhappenings, AMchanges, etc.), contact them for subscription information at the address on the headerofthiscolumn!

- A few changes in the area of abbreviations in this column. I thought that OSA would be a good abbrev. for "one 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 clarifytwocommonradio-worldabbreviationsthatalso appear here: CP stands for construction permit, and NDfornon-directional(antenna).

⇒FromtheInternet: OnSunday, May 14, vandalismhit the tower site of Tri-Cities, Michigan market stations WCRZ-FM107.9Flint, "Cars108", and WWBN101.7 Tuscola "TheBanana". Boththesestations are located ona370ft.talltoweronSouthVassarroad,whichwas toppled in the incident. Quoting from the FlintJournal of May 16th: "Police arrested a Burton man, 17, and expectedtoarrestasecondpersontodayinthevandalizing 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 newtowerquickly, or put backup the old tower that had been replaced four months ago by the current tower whichwasfelled. That could cost around \$150,000, he said. Risherwas also worried about the loss of air-time during the critical ratings period. WWBN was back on theairthenextday, 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 -NYisindeedrunninginstereo(BruceElvinghadbeen 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). WBCS96.9(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!!Itwouldbeaprettyexpensivechange,hi.

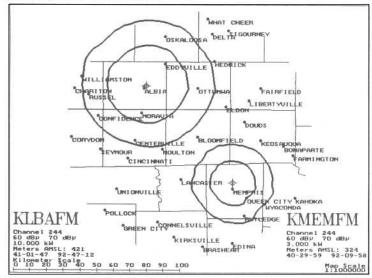
FMNEWS

 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 feedjammed.WSHE,worriedaboutthisperson,made the format switch from right at the trasmitter site, to preventajamming! But, assoonastheyswitchedback 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 FM; 5. 1380 Sacramento may end up changing calls office from Miami to Tampaless popular ....

→ Itemsofinterestonthe Internet: Mike Lazarotellsus | → Bruce Elving writes to say that he has signed "a of a new World Wide Web site put out by CBC that is interesting.Lookuphttp://radioworks.cbc.caformore 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 dowloaded via in the "Minnesota" section of this month's FM NEWS. "FTP", from the site: info.ic.gc.ca Check the directory /pub/ic-data/regulatory/gazette/1995fortheinformation. There are also directories for 1993 and 1994 still six months. The newsletter, while featuring FM news inexistence under the gazette directory. You can also items, also contains related to pics, including some "DX" \*subscribe\*to CRTC updates, i.e. receive changes in friendly", and other items such as pirate stations. It is the form of e-mail. Send an e-mail message to this probably well worth that price! Bruce asks about the address: listproc@info.ic.gc.ca Inthefirstlineofyour rumorthattheWTFDAConventionsitewasgoingtobe message, type this: sub gazette-list < your\_name> ... JimThomas, of Fort Collins, Colorado (Bytheway, very nice job on the WTFDA Decal, Jim!-gc) let me know of now, and can make it there! an interesting situation in his area. Recently, KMJI 100.3Denver, changed to "Kim-FM", traditional

JULY 1995 call letters in the Denver area, KIMN, with a format of 70'soldies. Problemwiththis: KIMN107.9FortCollins still had those calls! Jim was confused, as he saw no changeforthe 107.9, and it confused me as well, since Icouldnotfindachange. 100.3 was using the calls, and 107.9wasmonitoredwithouthearinganycalllettersat all. With the assistance of Robert Unmacht of MStreet Journal, here is what is going to (or already has?) transpired: 1. 107.9 Fort Collins, COgoes from KIMN toKIMN-FM; 2. KSMJ1380Sacramento, CAswitches to KIMN: 3. KIMN-FM 107.9 Ft. Collins will apply for a newcall; 4. 100.3 Denverwill officially become KIMN-

settlement and consultancy agreement with Harbor Broadcasting to allow them to build a 92.1A Hermantown, MN" BrucehadtheFCC allocate that to the Duluth market. That change can indeed be found Bruce also mentions his FMedia! newsletter is available to DXers at a special rate of \$25 a year, or \$12 for changed. Checkmore recent VUDs to come outsince yournote, Bruce, hopeyou have caught the change by



→More information on the KLBA 96.7 Albia, IA/KMEM 96.7 Memphis, MOsituation that Neil Griffinal erted us to recently. The inner circle of the above map shows the 70db "city grade" coverage, with the outer circle being the 60db 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 MSt. for the information. The maps also come from MStreet, from their new MStreet Map Service, using Radiosoft's FMR mappingsoftware. They can provide coverage maps inavariety of ways, site location, county/city coverage, station vs. competition, CPs vs. licensed facilities. etc. If you are interested in purchasing any maps, contact them at the address listed in FM NEWS' header. 13 PREPARED FOR THE WTFDA AND VHF/UHF DIGEST BY TOM BRYANT, 849 TODD PREIS DR., NASHVILLE, TN, 37221 - PH/Fx 615-646-2000



# The History Of W T F D A

(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. 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 Pomerov 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.

whiteface chalet 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.

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(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 WTDFA. 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!

# **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 1½ 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.



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

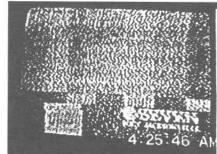
July 1995

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.

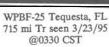




WJCL-22 Savannah, GA 605 mi Tr seen 3/23/95 @0500 CST

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







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

# EASTERN TV-DX Stepnen west 1077 Sandy Narrows Court Virginia Beach, VA 23454-

Stephen West Virginia Beach, VA 23454-5516

(804) 428-8057

July 1995

Deadline: 5th

Many reporters have seen skip (especially on May 20th) and trops 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

Mar	y 19	995			Mar	7 1	995		
20	Es	1900	WEDU-3	FL	27	tr	2320	WBOC-16	ME
21	Es	1800	WEDU-3	FL	28	tr	0130	WFTY-50	DC
27	tr	2300	WMPT-22	MD			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			May 199	95				
20 Es 1511	UNID-2+		21 Es 1	1434	UNID-24			
1821	WCIX-6 FL (MUE	104.7)	2	2204	UNID-2	ABC,	zero	offset
1901	WPBT-2 FL				MUF to	chani	nel 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	Max	1995
5 tr 0000 WCSH-6 ME (2	0.01	Es 1315 KUSD-2 SD (1400)
WGME-13 ME (2	00) 20	tr 0021 WPXT-51 ME
WNDS-50 NH (2	(65)	WMEA-26 ME (213)
note #1		0021 WGME-13 ME (200)
W18AY ME (2	(00)	0042 CBCT-13 PEI (233)
TBN on 19, se	e note #2	0134 W41AY ME (130)
WENH-11 NH (2	50)	0141 WNDS-50 NH (265)
0330 WUNI-27 MA (3	20)	0150 WUNI-27 MA (320)
0800 WGBX-44 MA (3	6.1	Es 1118 WSMV-4 TN (1075)
WMEA-26 ME (2	213)	1118 UNID-3 UCTV SC?
WFXT-25 MA		1157 WKRN-2 TN (1075)
WSBK-38 MA (3	00) 22	Es 1820 WBAY-2 WI (1015)
WPXT-51 ME (2	(00)	1930 WCBD-2 SC (1146)
W14AB ME (1	.20)	1957 KDKA-2 PA (734)
CIHF-45 NS (1		the Lorentz Company of the company o
CJCH-40 NS (1	.50) Not	te #1- TV Guide Iists as WNDS
CBHFT-46 NS 1		Database lists as WQNH
7 Es 1626 WCBD-2 SC (1	.146) Not	te #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!

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
     Es
          1047 unID CBS-4 w/News 4 Storm Warning
                              interview w/XE govt. official
                XHRIO-2t TM
           1057 KPRC-2
                          TX
                               (677)
                                         Houston/Ft. Bend Co. ad
           1100 KIII-3
                          TX
                               (861)
                                         ad, ID, into prgr. in S:
           1128 KBTX-3
                          TX
                               (654)
                                         preacher w/local talk
                Note #1
           0906 unID-26 w/ ID bars, too weak to read
     TI
                WHSL-46 (MO) (232)
                KAIT-8
                          AR
                               (217)
                unID-14 religious
          0930 unID-2
 9
     Es
10 , Tr
          0840 WMAE-12
                               (151)
                                          // WMAO-23; completes
                                         full-power MS ETVs.
                WJTV-12
                          MS
                               (343)
                                         local ads
11
     Es
          1311 unID ABC-3, NBC-2
13
          1933 unID-5
     Es
           2041 KPRC-2
                              (677) getting real tired of this one!
           2304 skip finally dies. MUF 88.5FM.
14
     FR
          0023-0145 Es to 93.9FM, PTA El Paso. (El Paso FMs IDd)
15
     Tr
          2352 WVEU-69
                          GA
                               (236)
                WHSG-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
                               (200)
                          AL
          0039 W67CO
                                         Huntsville TBN
                          AL
                               (118)
          0040 unID-25
                                         w/TBN, suspect W25AD-MS
          0138 W35AH
                              (110)
                                         Jackson TBN
                WXVT-15
                          MS
          0142 WMCF-45
                         AL
          0152 W57BV
                               (131)
                                         Florence TBN
                          AT.
          0155 WLTZ-38
                         GA
                               (298)
          0200 WCOV-20
                         AL
                               (283)
          0203 WVTM-13
                         AT.
                               (200)
                                         "Alabama 13"
          0207 W29A0
                          AI.
                               (213)
                                         Anniston WBRC-6
          0526 WCIO-7
                          AL
                               (213)
                                         APT test pattern
                WJSP-28
                         GA
                               (279)
          0800 WSBN-47
                         VA
                               (249)
                Note 2
          0917 unIDs to 97.1 FM, no IDs, 50mHz open to Havana
16
          1249 XEFE-2
                              (950)
                         TA
                                        ID
17
     Tr
          0826 KARK-4t
                               someone w/NBC not // WSMV, not Es
17
          0845 unID-2
21
          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
                        1974
                              19561
          2300 50mHz double-hop to Seattle for 2 hours
22 Tr
          0806 WRGT-45
                         OH
                              (276)
               WCET-48
                         OH
                              (234)
          0823 unID XEW-2 relayer
          0900 KENW-3
                              (956)
          1042 KCNC-4
                         CO
                               (1011
          1100 KREG-3
                         CO
                              (1122)
                                        5-10-3 ID; note 3
               KWGN-2t
                         CO
                                        WB logo
          1142 KTWO-2
                         WY
                              (1111)
               KDUH-4
                         NE
                              (949)
                                        KOTA-3 ID
          1152 unID PBS-4
          1156 KOTA-3
                         SD
                              (1001)
                                        ID // KDUH
    Es
         0813 unID-4
               KPRC-2
                         TX
                              (677)
               XEFB-2
                         NL
                              (1075)
               KIII-3
                         TX
                              (861)
                                        local quality
          0835 skip out of TV but heard Miami on 50mHz.
         0900 unID ABC-3
```

Doug !	Smith	(cont	.)			
June	1995	DX				
2	Es					4 at 1135; gone by 1150
3	Es		weak unI		ch. 2	
		1600	unIDs to			
			WPBT-2		(826)	
			unID-2;			
			KMID-2		(945)	local news
		1827	KSWK-3	KS		"Smoky Hills Public TV"
		1934	KFDX-3	TX	(670)	tornado warning for
						Hardeman Co.
		1936	KACV-2	TX	(827)	Amarillo NWS warning
		1949	KDFW-4	TX	(621)	calls, "4 & 27" logos
		1955	KTXT-5	TX	(859)	calls
			KENW-3	NM	(956)	calls
		2100	KACB-3	TX	(831)	legal ID w/KRBC-9
5	Tr	0337	WKZX-28	TN	(100)	
		0514	WYMT-57	KY	(222)	171
		0530	KPLR-11	MO	(230)	/ Wales
		0532	WKON-52	KY	(192)	Last Williams
	Es	1100	unID-2			
б	Tr	0809	WICS-20	IL	(260)	
			WKON-52	KY	(192)	
			WFYI-20	IN	(246)	
			WXIN-59	IN	(246)	
			WHMB-40	IN	(246)	-277 2 -255
	Es	1108	KMID-2	TX	(945)	Miami in on 50mHz
		1136	MUF to 9	4.9 FM		
		1200	skip alm	ost go	ne	
Note	1:	(Hay	ana. Cuba	about	t 1115. I	s and Florida; worked CO203 Had to leave about 1150 with L dates take priority over
		Pro.	. MUF bri	ofly r	eached 88	.5.
	2.	Drob	ablu the	most .	intense	localized tropo I've seen.
Note	4.	PLOD	anth rue	mus L	Income.	- Atlanta and Birmingham

Ad for "Room-Mates" futon store in the Staples shopping center. Anyone recognize this? Suspect KPRC. Note 41 William R. Hepburn, 35 Lockwood Rd, BRAMPTON ON, CANADA, L6Y 4T7

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

though

" = audio only.

Note 3:

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

Near snow/free signals from Atlanta and Birmingham,

usually not my best direction. No exotic distances

Channel 6 gone from this ID. KREZ-6 now relays KRQE-13.

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 far about 1/2 hour, the rabot finally drave 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 21 1995 ES
1815 KYTV 3 MO
2100 WPBT 2 FL
2100 WEDU 3 FL

MAY 28 1995 ES 2100 WEDU 3 FL JUNE 3 1995 ES 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 /Sill

# WESTERN TV-D

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

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

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 horizon-tally-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,

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 impresses. 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 in Ashland as this will be my first full season here-should be interesting.

May	y 1	995										PDT
7	Es	1959	KENW						KAIO	6	NM	1217
22	Es	1130	KTVS	3	CO	1014	1	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.

Ma	y 1	995						P	TO
21	Es	2030	KFDX	3	TX	2230	KENW	3	NM
		2300	KYTV	3	MO				
22	Es	0000	KHTV	3	NE	1	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 11 Es 1730 uniDs 3,4 SS 14 tr 0017 WTJP 60 AL 390 15 tr 2200 XHFOX 17 TA 535 0106 WHSG 63 GA 490 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 un80 67 // KADN-15 Natchez? 23 tr 0000 KLRU 18 TX 395 KEDT 16 TX 425 0700 KMBH 60 TX 495 24 GW 0726 WUPL 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

Fel	oru	ary 19	995			CST
25	MS	0546 0558	KACV	5	TX	I.D. slide   0604 KDTN 2 TX
Ma 18	MS	1995	KETS	2	AR	A.E.T.N. on color bars
25	tr	0605 2112	WUS!	16 33	HI	A.E.T.N. on color bars 405   W30ALt 30 IL W/WJBK-2 News
		1995				
		0655	W48AV	48	OH	208 Elkhart TBN 268 VJN
		2044	WCET	48	OH	400   WSTR 64 OH 400 400   WKON 52 KY 437
			MXIX	19	OH	400 WKON 52 KY 437
		995				CDT
7			CBFT			
			WCET			
11	GW	2000	W228W	22	WI	35 Snow-free; same offset as WSBT-22
			WGBA	26	Stu	urgeon Bay
			W42CB	42	MI	155 Snow-free, 10 kHz off WTLJ-42
			WXMI	17	Hes	speria
			WCET			
15	Es	2015	KPRCt	5	TX	2021 KATCt 3 LA
		2026	KJACT	4	TX	
20						100 Full C.S. w/call
	Es		WPBTt			WEDU 3 FL 1192
		1730	WKRGt	5	AL	WRBLt 3 GA
		1832	WEAR	3	FL	
			WUFTt			WTVJt 6 FL
			WCIXt			
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 (NOUIH), 631 Coachway Lane, Hazelwood, MO 63042-1347 (314)839-9751 EBSDJDX@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!

Jun	ne 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 sep	parate	now that WTVJ (NBC)	is here!)
9	tr 1041	KOZK	21 MO	Springfield (w/K210	0) 190/304
	1042	KNLJ	25 MO	Jefferson City/Colu	mbi100/160
	1043	KDEB		Springfield	190/304
	1043	KSPR	33 MO	Springfield	190/304
	1044	KOLR	10 MO	Springfield	190/304
	1044	KOAM	7 KS	Pittsburg	260/416
	1045	KRCG	13 MO	Jefferson City/	
				Columbia snowfree	100/160
	1046	WICS	20 IL	Springfield	80/128
	1046	WRSP		Springfield	80/128

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 EWTN 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 EWTN 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.

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

		2325	KAFT 13		250 235	//KETS Floatin				
5	tr	0010	KCEN 6			Floatin	g on	KTAL		
			KWTX 10		210	0120	KWKT	44	TX	210
	tr	2125		AR	250	//KETS		-		
7	tr	0210	KCEN 6	TX	235	haces l	KBTX	3	TX	200
	Es	1100		SC	790	1120	MUND:	2	NC:	1040
			WUNC 4		880	//WUND				
8	Es	0140				W Net w	/ECO	NX.		
		1055	unID 2		XE	H				
			XHG 4	JAL	1050					
			unID 5			anish		and the second		
		1150	unID 6		F1	oating	on Ki	AL.		
		1200		4.7	1030	te #1				
	tr	1925	XERV S	AL.	1030 520	1 2070	WHER	7		510
	TF	1935	XHFOX 17	TA	520	2030	AHAB	30	1.4	VCC
			KRGV 5	TX	510	2133	UPILU	30		ALL
		2133	KGBT 4	TX	510 510 F	loating	on t	TAC		
		22/5	KBTX 3	TX	200 5	Loating	on it	TRE		
		2350	KEDT 14		390	roating		100		
0	tr	0320		AR		/KETS				
		0320	UKNO 10	TM	290	1	WHBQ	13	TN	290
		0325	uniD 18			More Mu	sic 1	VII	NE	210
		0325	KTEJ 19	AR		/KETS			,,,,	
		0335		MS	220	100	WMAO	23	MS	220
		0333	WPTY 2		290		WLMT	30	TN	290
			K33DE 33	AR		losting	on t	MSS		-
		0335	WFB1 5	TN	290	0355	WAFF	48	AL	430
				MS.						
		0445	unID 19		7	BN; SE   0520				
				AR.	300	0520	KTEN	10	OK	230
			KUKT 4	TX	210			130		
			KFVS 1	MO S	420 F	loating	on I	SLA	9	
				S MS	220 F	losting	on 3	CTAL.		
		0655	K54CBt5	TX		0705 0805	WMAY	18	MS	270
		0755	UMP !	TM	290	0805	KENS	5	TX	350
		0815	KIII :	S TX	390 F	loating	on I	CTBS.		
	Es	1200	WPBT 7	FL	940		unIDs	4 .!	5	
		1820	KDKA :	PA	1000	1840	WTAE	4	PA	1000
				5		losting				
		1915		OM S	1060	2245	KWGN	2	CO	830
	tr	2355	KMOL	TX	350					
11	Es	1610	unIDs 2	4,5		lexico				
		1829	XHG	JA	L 1050	2040	unID	2		OCVC
12	Es	0955	unID	2	XEW	1145	WPBT	2	FL	940
		1410	unID	2		Movie 2 1750	211			
			WESHt	2 FL		1750	unID	5 2		
		1950		2	3	panish;	box	ng		
				2 FL	940					
	tr	2305		5 TX	93333	W Reserve				25554
		2310	KRBC	7 TX	350	2320	KJTL	18	TX	290
		2335	KTEN 1	O OK	230					
			un10	2		KIDS T	Au.			
14	tr Es	2005		9 TA	520	A CONTRACTOR OF STREET				
15	Es	1245			xico	1315	KTWO	2	MA	1010
		1325	KTVQ	MT S	1230 L	S State	e #32	1		
		1345	KNAZ	2 AZ	1060	1355 loating	KVOA	4	AZ	1020
		1408	KTVK XHBS	3 AZ	1075 F	loating	g on	KTBS	*	
		1425	XHBS	4 Si	750	1355 loating ID sup 1442 1530 1540 "5/30"	ered.	0.2		5
		1440		S NH	750	1442	uniD	5	Me	kico
				4 Me	XICO	1530	KDBC	4	TX	760
				2	XEW	1540	KWGN	- 2	CO	830
				5 00	780	*5/30"	on I	D		
				5 AZ						
	tr			9 TA	520					
	Es			2	US ar	nd Cana	da	1 2		200
		2045		4	NBC	2122	MIBK	- 6	MI	890
	tr	2345		5 TX	350		100			
16	tr	0015	KHSH 6			Over 1		200	-	350
		0110		7 TX 8 TX	280	0120	KARR	24	TX	280
			10 m 11 m			0225 "Your	KXAN	- 20	11	
		0070		4 TX		TOUT	Local	24	TX	tion." 280
		0230			123	0235	KVUE	64	1.6	200
		0705	MGNO 2	6 LA	270	1 0775	THE R. LE	10	MS	320
		0305	New Orl	eans	30,49		HAMW		LA	
		0340	New Orl	eans 9	4,6 TBN	0405	uniD	40		TBN
			unio 1		181	1	unio	44		IBN
		0410	unid 5							
	Es	1020	unID 5	2	wie-	1 1225	tento	1		ocve
	Es	1020	unID 5 unID unID	2 2 Me	xico	1225	uniD	4 5	47	QCVC
	Es	1020	unID 5 unID unID KNAZ	2 2 Me 2 AZ	1060	1225	unID KPHO		AZ	9CVC 1075
		1020 1045 1420	unID 5 unID unID KNAZ KVOA	2 Me 2 AZ 4 AZ	1060 1020	1225	KPHO	5	AZ	1075
		1020 1045 1420 1940	unID unID kNAZ kVOA XHAB	2 Me 2 AZ 4 AZ 7 TA	1060 1020 510	1225	KPHO	9	AZ TA	1075 520
10	tr	1020 1045 1420 1940 1950	unID 5 unID unID KNAZ KVOA XHAB KRGVt	2 Me 2 AZ 4 AZ 7 TA 5 TX	1060 1020 510	1500	KPHO XERV KENS	9	AZ	1075
18		1020 1045 1420 1940 1950 0040	unID 5 unID unID KNAZ KVOA XHAB KRGVt New Orl	2 Me 2 AZ 4 AZ 7 TA 5 TX	1060 1020 510	1500	KPHO XERV KENS	9	AZ TA	1075 520

2325 KAFT 13 AR 250 //KFTS

XEW; "Un Nuevo Dia"

		1995								CC	T
1			KVOA								
	tr	1015	K27EF	27	LA	100	TBN				
2	Es	1015	unIDs	2,	4,5	Note	#5				
		1205	VMA7	- 2	8.7	1040					
3	Es	0940	WGRZ	2	NY	1110	1128	WTAE	4	PA	1000
								MIAB	4	NY	1110
		1230	WDIV	4	MI	890	1240	WHEM	5	MI	940
		1430	WUND	2	NC	1040	W.				
		1440	WUND	4	NC	880	//WUND				
		1443	MKC	- 64	DC	1020	1525	WRAL	5	NC	880
		1755	MOTV	5	W	860		unibs	2,1	4.5	Mex.
		1840	WOAY	4	WV	780	1920	WTOH	4	MI	1070
		1925	WBAY	2	WI	900	2000	WGRZ	2	NY	1110
			WJBK	2	MI	890	2120	KDKA	2	PA	1000
			WMAR	2	MD	1060	2200	WCBD	2	SC	790
٠	Es	1650	unIDs	2		Canada	1855 1945	WGRZ	2	NY	1110
		1930	WIVB	4	NY	1110	1945	WJBKt	2	IM	FOX
			MUND		RL	1040					
5	Es	1000	unlDs	2		Me	ex.				
		1230	unIDs	6	,4	Me	EX.; MLH	ch hash	1		
			MCBD	2	SC	790	1540	WUND	2	NC	1040
		1545	unlD	5			1610	WMAR	2	MD	1060
		1620	WRC	4	DC	1020	1640	WNBC	4	NY	1230
		1042	MCR2	6	RT	1230					atachic min
		1650	WGBHt	2	MA	115	esame !	Street!	1		
		1850	KNAZ	2	AZ	1060	1940	WRC	4	DC	1020
		2200	WMAR	2	MD	1060	2201	WGRZ	2	MY	1110
		2207	MOTN	2	OH	730	2210	uniD	2	CE	C NK
		2230	WBAY	2	WI	900	2330	MUND	2		1040
		2340	unIDs	2		M	lex.		-	1000	The state of

Note #1-1 saw the call letters "XHGAU" mixed in with the XEW signal. Is there an XHGAU on channel 2, or was this part of a group ID?

Thanks to Fernando Garcia for providing the calls and location of XERV-9 Reynosa, and for information about other stations in his area. You wouldn't believe how many hours I spent watching XERV in an effort to see an ID. I knew the station was in the McAllan-Brownsville area as it comes in with XHAB-7, KRGV-5, and XHFOX-17. In fact, XERV is usually the first in and last out. The WRTH for 1994 was of such limited use for Mexican TV that I haven't bought this year's edition. Nor does the Broadcasting Yearbook list border stations (although it did at one time).

Note #2-This station was in briefly and weakly. A promo for "Mornings on 2" was seen, with a 2 in circle logo. Then the "Simpsons." The direction was WNW when they popped in.

Note #3-By 1525 three PBS stations were fighting for channel 2.

Note #4-The freestyle "2" logo I reported seeing last year on an NBC affiliate from the Mountain Time zone is indeed used by a TV station, and KUTV is it. So, it is not the "Earth 2" logo after all. KTVU was in for almost an hour-and-a-half.

Note #5-Plenty of CCI and hash from Mexico for two hours.

After one year (May 1994-May 1995) or serious TV-DXing, my log totals 246 stations. Es totals 73. US states: 32 plus DC. Canada 3 provinces (ON, MB, PQ). Mexico 3 states (TA, Sl, JA).

Doug Smith has done a nice job with the USA TV Database.

Fernando Garcia, Apartado 30, Suc. B, Cd. Guadalupe, N.L., 67181 MEXICO (8)-360-5874 Location: Hill at 1800' asl ne of Saddle Mountain (5900') se of Monterrey metro area.

HCM = CST HCM-CDT-1

Sony 27EXR15, Screened Channel Master 7'dish at 85', RG11, UA900 amp. and rotor, Sony KV-13TR27, Channel Master 1110 at 30', RG6, rotor., V-8 UHF array at 50' with R. Shack amp. Archer V-110 vertical at 20'.

MATCH	1995		s. I'm repo				22 tr	0445	60	M.12L		GA	1057	23	Į1	0545	8	WRBW		FL	1193
to tr	0015		WFGX	35	FL	889			5	WAWS	34	FL	1178					WECT		FL	1115
	9630		WNOL		LA	693				WISAW	19	LA	640					WBCC	68	FL	1200
	9645		WYLA		LA	634		0500	æ	AOHW	32	AL	926					WFLA	. 8	FL	1116
	0700		KLPB		LA	566			0	W63BK	63	FL	839					TYTW	13	FL	1110
	0715		WLAE		LA	693				WPMI	15	AL	836			0600		WINK	11	FL	114
						690				KSIEG	51	LA	584					WTOG	44	FL	111
	0745		WCCL	50	LA	1116		0530		K62DW	62	LA	590					WCLF	22	FL	108
	0930		WBHS					0545	Œ5		25	AIS	761					WKCF	18	FL	119
	1000		WITTA	38	FL	1116		6242			14	2-10	802			9615		WIRB	56	FL	121
	1015		DFW 21,			519			8	WALAW		MS	77.77			8015			21		83
	1300		KHSX	49		519				M.111.	12	MS	746			5005		WARY.		AL	-
	1845		KADN	15	LA	584			\$	WHLT	22	MS	771			0630		K59DG	59	LA	68
			KVHP	29	LA	518				WAIGT	41	GA	1116					M.CCT	49	LA	69
			KLTL	18	LA	547				KDTX	58	TX	519					WACX	55	FL	118
	1900		NJV28		FL	1106				KSBI	52	OK	693					WPMI	15	AL	83
	.,,,,		WOFL	35	FL.	1190				KFXK	51	TX	556				5	WBBH	20	FL	114
			WIND.	32	FL	1134			90	KTLC	43	OK	705			9645	5	KETK	54	TX	5
								0600		WAPN	29	MS	743					KEXK	51	TX	5
	0.000/191		WFTX	36	FL	1140		9690	5	WALAO	23	AIS	799			0700		KASN	38	AR	7
t tr	1915		M.2CJ.	51	FL	1240			+									WHBR	33	FL	
			WNPL	46	FL	1153				M.FOX.	13	MS	758			0730					
			WDZL	39	FL	1243			5	MKBM.	65	FL	1193			2045		WBHS	50	FL	11
	1930	5	WFLX	29	FL	1237				"Rainbow	65"							WITA	28	FL	11
			WBFS	33	FL	1227		0615	5	WACX	55	FL	1181			2100		WOFL	35	FL	11
	1945		WSFP	30	FL.	1144			-70	W52BF	52	AL	830			2145		KMSS	33	LA	6
	2000		WEGC	61	FL	1238		0630		WLTZ	38	GA	1035					WFLX	29	FL	12
	2000			47		1237		440.4		W47BP	47	MIS	771			2200		WTCL	52	FL	12
			WXEL		FL			9630		112112	66	AL	1023					WBSF	_	FL	12
	700000	5	WLPB	27	LA	637		9630					693			2215		K21	-	TX	
	2015		K69HD	69	LA	550			售	W.J.E.S	12	LA				2215		tunid	0	CNYA	
			(Lafavett			UPN)			@	KFWD	52	TX	522			2000001					
	2030		WTWC	40	FL	1029		0645		WAFB	9	LA	637			2230		11.11.28	40	FL	11
		5	WFSG	56	FL	929				KLFY'	10	LA	575					MELL	26	FL	11
			K56DR	56		634				(over loca	1)							WITCE	21	FL	12
	2045		K55HA	55	LA	550				APT 41, 4	13	AL	800+					Merida 9.	.11	NU	
	2045				LA	LIPN)		9700	4	KRSC	35	OK	785	24	tr	0300	4	WBFS	33	FL	12
			(Lafavett		2023			0715	5	KWHB	47	OK		-	-			M.SCA.	51	FI.	12
	2100		MATINO	20	LA	687		9/15			42		823					WDZL	39	FL	12
	2130		K59DG	59	LA	687				WEIQ		AL				0315		WPEC	12	FL	12
	2145		KITU	34	TX	500				KOKI	2.3					8212					
			(over loc	al)						KTFO	41	OK						WHFT	45		12
			K39BJ	39	LA	622			\$	WYLA	33	LA	634			0330		WFGC	61	FL	12
			K21DM	21	LA	590		1900		KNISS	33	LA	615					WPIV.	5		12
	2200		WPAN	53	FL	870				WHBR	33	FL	836					WHIT	69	FL	12
	2200		Merida 9			780			5	KARD	14		653					WNPL	46	FL	11
	1200					839				N.Orlean						0345		DFW 21.	27.33	39.5	8
	2215		MADA.	21	AL					WMPV	21		839			0400		WCTD		FL	
		5	WALAH	19	MIS	771		2000								9400		WJXT	6		11
			WIXL	27	FL	1029		2000		KVHP	29		528					previous			
			W46AN	46	FL	960		2030		WBHS	50										
	2230		WCMB	44	LA	631				WELX	36							WINK	11		1
			WDBD	40	MIS	749				WITTA	38	FL	1116				5	W2EL	30		1
	2245		WALAU	17	MIS	696		2045		WOFL	35	FL	1190			0415		WITT	23	FL	- 1
	2242		WAPT	16	AIS	749		20.12		LPB 24.2	7	LA	500+					WZIN	7	FL	1
					1.00					WWSB	40					9430	a	WETX	34	FL	1
			K46CR	46	LA	616		2100		WFSG	54					0545	9	WFTS	28		1
		\$	WSRE	23	FL	855										9600		WXEL	42		
	2300		W65A5	65		572		2145		WFLX	25					4000	5	WELA	- 4/		
			KLAX	31	LA	618			5	WXEL	42		1237			Habber			32		i
			APT 41,		AL	800→		2294		Merida 9			780			9615		WINN			
22 tr	0000		KLPA	25	LA	615				WBSF	43							WUSF	16		1
100	0315		WDHN	18		982				WTCL	52							WPBF	25		- 1
	40.10	a.	WEXL	31		1066				WMIFE	2-	FL	1190					WFCT	64		
		@	W36AC	36		699	23 t	0030		WTXL	2					0630		X/TW	34	I FL	1
				41	AL	951	au 1	2454		WTWC	4							cci to loc	al		
			W41BN							KADN	15				tr	9700		N.Orlean		32.38	.49
			H'46A1'	46		777		****			2				- 4	47.44		WYLA		LA	
	0330		WMCF	45		966		9945		WBSG						100.00		WFLX	25		
			KALB	5	LA	600				WTOC	1					214					
			WDSU	6	LA	693				MS educ			700			220		XHDH	11		
	0345	5	WFTS	28		1116				KJ9BJ	3					8300		MYILI.	2		
	40.43		WNFT	47		1178		0100	0	WJCL	2	1 G/	1221	(				WHNO	20		
				59		1178				K56DR	5							WNIAH	15	9 NES	ś
	2000		WJEB							WMCF	4					0315		WPAN	5		
	0400		WYUE	8		693										4013		K39BJ	3		
			W58BO					9253900	- 5	WLTZ	3										
			WTJP	60	AL	998		0130		W14IE	1					1.000		KADN	1:		
		5	WBMG	42						WHNO	2					8330		WHBR	3.		
	0415		WXTX	54						WJTC	4	4 FI	. 84	5				WDSU		6 LA	
			WGBC	30						WAIBB	1							WWZ		4 L	
	0430	5				0. 0.0000			0			5 G						K59DG	5		
	0445			21	0.11	951						8 F1						KVHP	2		
		A	WMDN					0545	5	WFTS		0 71	1111			8600		DFW'2			
		a	WABW						5	MALYLY.		2 F1	113	20		9615				1 T	

1240 un10

Ves	term	T	V DX								****	9 3		23%	1000	5 380	356	14 25000000000000000000000000000000000000		
			's report o	ontin	iues			9	tr 05	45	WTJP WIIQ		IA D	500		tr 011		WPMI	15 AL	
										5	WITO					034		® WTWC		
5 tr	061			9 9	56 T7	K 53	4		86		WLMT					854				1
	0634	0	KLAX		31 L	4 61	8			3	WFIQ	1						WPGX WFSG	28 FL 56 FL	
			LPB 18	3,24,	527	504	)+			5	WMAH	1 1		771		0.40			11 FL	
			K55EX		55 L	1 70	5		063		KLAX	3				.040		WFSU W65BC		1
	064		KMSS		N L	61	5				WDBD	4				041	4	& K30EM		- 2
	9700	)	K65CE		15 L				870	10	WABM	6				943		WMBB	13 FL	
			WVLA		n L						WFLI	5	J TN	110000		0.00	- 1		49 GA	
	0715		KARD		14 L				073		WZDX	5	4 AL	1025			7.5	WILAO	JI AL	- 1
	9734		WDBD	8	10 M	73	9		080	100	KASN	3		774				WMPY	21 AL	- 1
	9800		K16		17				983		WAAY	3				054	5	W46AN		
	0830		(unid KWLB	10		VA-54)			SAV	5	WCFT	7							ns lptv's	- 7
	130		XHAH		S LA				98-	15	unid ch							14,55,59		
	231		KADN		5 LA						KITU		4 TX	500		060	0	LPB 18.	24,278	63
	20,		WGBC		0 A15						over loc					041	5 5	KVHP	29 LA	
tr	9730		N.Orles								mnid ch							K56DR	56 LA	- 6
-	8745		WMIPV	2			20		8900		"SAT.							K55HA	55 LA	
	8800		WHER		J FL				0701		W55BJ	8 977.5	LA	584			3		21 LA	
	0815		WYLA	3								55		269		963	0	WYES	12 LA	- 6
	9900		WFTX	3	-						M.61BB			sper, AL)				W36AC	36 MS	- 4
erii 1	995			~		****			9915		WMCF	- 11	I ALS					W46AV	46 ALS	2
tr	970	0	KETK	5	6 TX	534			4752			4:		966				K69HD	69 LA	5
tr	2130	)	KEWD	5					1000		WNAL unid ch		BN ne	1015		177.00	2	K62DW	62 LA	3
tr	963		KDTX	5			500		1000		MAXA.	25		761		964	3	W58BO	58 N15	- 6
	070		KXTX	3							WHLT	21		761				KSIEG	51 LA	5
tr	2330		KLPB	2		566			1430		WALL	11		634		p. 20.		MIS educ		
tr	961		KVHP	2		528			1830	5	KVHP	29	Bert h	528		0700	1	K46CR	46 LA	- 6
	2100	(	Merida	9,11.	13	780			-		KLTS	2.4	See.	615		0715	2	WDRD	9 CVC ne	
	2130	Ř.	KEWD	5	2 TX	522			2000		XHDH	11		780		2200		WBBH	44 1417	
			KADN	13	5 LA	58.4					WSRE	2.3		855		2200	5	W3FP		11
tr	0013	5	KETK	5	6 TX	534					WECX	35		889				WFTX	30 FL 36 FL	11
		5	KFXK	5	1 TX	556			2015		WHBR	33		836				M2CJ.	51 FL	12
		5	KMISS	J.		615					XHAH	8		510		2215	5	WDZL	39 FL	12
			DFW uh	IT's	TX	519			2200	5	KARD	14	LA	653		****		WRES	33 FL	12
	0100		N.Orlean	ns 26	5,38	693	10	0 E	1845	2130	unid ch 2			-				WXEL	42 FL	12
		5	WALAH	15		771	13	2 t	0045		south L	4		500+	Ē			WHET	45 FL	12
			K55HA	55		550					24,26,27	,29,3	2,33,3	8,49				MHJ.2	69 FI.	12
	0130		WVLA	33		634			0415		KADN	15	LA	584			5	WEVU	26 FL	11
	9600		KLAX	31		618					K59DG	59	LA	687		2230	5	WFLX	29 FL	12
	9639		WDBD	40		749					MHNO	20	LA	687				WIRB	56 FL	12
	9800		KVHP	29	-	528				A	K30EM	30	LA	600				WNPL	46 FL	11
	0900		WGBC	38		774 830					(Houms		"}		14 tr	0115		WTCE	21 FL	12
	4704		WLPB	27	1.000	637			Walles.		MATIE	8	LA	693		0130		WCTD	35 FL	12
	2100		KLTL	18		547			0430		K56DR	56	LA	634		0230		WPBF	25 FL	12
		\$	WALAU	17		696					WCMB	44	LA	631			9/4	mind the P	1 north	
	2115	•	WLAE	32	11,000	693			0445		WDSU	6	LA	693		0.400		WBHS	50 FL	11
	2200		KMCT	39		677			0500		WDBD	40	MIS	749				WTTA	38 FL	11
	- TT 50	5	KARD	14		653			4244		WAPT	16	MIS	7-49				KITU	34 TX	5
	2215	200	WMPV	21		839				0.5	WI4IE	14	LA	705				over local	The state of the s	
			KLPA	25		615			0515	@5	KLTL	25	ALS	761		0600		KLPB	24 LA	. 5
tr	8130		DFW uh		TX	519			0530		MS educ		LA	547 700+				WJIT	65 ??	
	0145	96	KLRT	16	AR	783			4.350		K55HA		LA	550					hdn	
		5	KEXK	51		556					"KLAF"		LA	220				KETK	56 TX	5.
			KETK	56	TX	534					KZIDO	21	LA			0630		K69HD	69 LA	5
		90	unid ch 6			1000					(Baton R		77.70	MC)		0745	5	KFXK	51 TX	5
			TIKKW	30	TN	1078			0545		K69HD	69	LA	550		0800	3	KJTL	18 TX	55
			WFBI	50	TN	900			(03/25)	5	WHLT	22	MIS	771		4904		K35BO K24AD	35 TX	5
	9200		KNOE	8	LA	668			0600		K21DM	21	LA		15 tr	0400			24 TX ,27,33,39,4	5
			KALB	5	-	600					WMAW	14	MS	801		4404		KLDT		
			K65CE	65	200.0	615					WIIQ	41	AL	873		9539		KAMC	55 TX 28 TX	5.
			KWLB	45	1	615			0615		K62DW	62	LA	590				KSIBX	51 TX	55
	9215		K27EF	27	LA	689					W36AC	36	MIS	699		0545		KMPX	29 TX	5
			WPTY	24	TN	904			0630		WYES	12	LA	693				KJICM	31 TX	51
	-		KADN	15		584					K55EX	55	LA	705				KUVN	23 TX	5
	0230	-	MS educ			800+					K46CR	46	LA	646			2	KFWD	52 TX	51
			WXVT		N15	796			0645		W'52		A15			0600		N. Orleans		34
		\$	KMSS	33	LA	615					(unid		WN	Z-48)				WYLA	JJ LA	63
			W52		MIS						KLAX	31	LA	618		0615		WDBD	40 N15	74
			(unid			TZ-48)			0645	\$	WGBC	30	MIS	830		0700		KCBD	11 TX	55
	0315		N.Orleans			693			0700		WNIDN		ALS	833		10077		KLBK	13 TX	55
			WPAN	53	FL	870					W47BP	47	MS	771		0730		KFXK	51 TX	55
	9445		WMPN	29	MS	743					W65AS		LA	572				KETK	56 TX	53
	0115	@	WAPT	16	MS	749			0715		W45AA		MS	739		0800		WPAN	SJ FL	87
	8445		WJSP	28	GA	1057			2145		WPAN		FL	870		0815		LPB 18,24		50
			WBUY	40	MIS	900	13	tr	0100		soth LA I		11 mg	500+		0915		WNIPV	21 AL	83
	0500													G 27 90 00				and the same of	me read	
	0515		WPCD	50	TN	1100					26,32,335,	385,	19					WCCL	49 1 4	£ 64
		\$	WPGD WBMG K21DM	50 42 21	AL	963 590					26,32,335, WHBR WFGX	33	FL FL	836		0930	5	WCCL KJTV	49 LA 34 TX	694

Vest	ern do Gar	TV cin's	DX report con	Unue	3		16	tr	2245 2300		WJTC W36AC	36	FL MS	845 699	19	tr	0545	s	WYXXV	15 25	AL MS	836 761
			-C-011-126-1						2300		K39BJ	39	LA	622					WLOX	13	MS	758
5 tr	9930		KSBI	52	OK	693					WEJBK	63	FL	839			9600	\$	WMAH	19	MS	771
		5	KJTL	18	TX	597	17	tr	0145		WFTS	28	FL	1116				5	WVLA	33	LA	634
	0945		WGMB	44	LA	631			0200		WALA	10	AL	830			A1000000		KLPB	24	LA	566
	1000		WPMI	15	AL	836					local out						9615		K39BJ	39	LA	622
	100000	5	WMAH	19	MS	771				5	WKRG	5	AL	830			9630		WGMB	44	LA	631
	1030		KADN	15	LA	584					WVUE		LA	693					N.Orlean		LA	693
	1245		KXA5	5	TX	519			0215	A	KJOEM	30	LA	600			0.000		12,26,32,			223
	100000	5	WFAA	8	TX	519			0230		WNFT	47	FL	1178	-	1911	0730		WMPV	21	AL	839
	1300		KWHB	47	OK	764				-	WZ9BH	29	MS	758	20	tr	9030		south LA			500+
	1545	@	KTLC	43	OK	705				\$	WJKS	17	FL	1178	21	tr	0030	12	south LA			500+
			ктво	14	OK	705				9/6	W52BF	52	AL	830				5	K21DM	21	LA	590
	1845		KMSS	33	LA	615				%	WJEB	59	FL	1178				12	WDBD	40	MS	749
	2015		KSPR	33	MO	907			0245		WHNO	20	LA	687			0230	5	WGBC	30	MS	830
	2030		KOZK	21	MO	907				0	WGXA	24	GA	1116					K21DQ	21	LA	645
tr	0400		DFW 21,	- 1 90.0	20.00	544			0300		WSST	55	GA	1078			9245		unid ch 6			
			KLDT	55	TX	929			****	4	WTGS	28	SC MS	833					WAPT		MS	749
	9539		WFSG	38	FL	1635			0345		WACS	25		1041			8300		WNOL	38	LA	693
			WLTZ		GA				8 400	6			GA				87-00		W36AC anid ch 4		MS	699
			WTXL	27	FL	1029			0400		WMCF	45		966								
	9545		WHBR	33	FL	836 951				*	WDCO	29	GA	1125			0415		"KLAF"			
			WPGX	-							WSFA	12	AL	954				0	WMDN	24	MS	833
			WJSP	28	GA	1057			8415		WOFL	35	FL	1190			9430		K56DR	56	LA	634
			WXTX	54	GA				P415				AL	926				-	K46CR	46	LA	646
	9600		N.Orlean			634			0.430		WRBW	65	FL	1193				0	WXXV	25	MS	761
			WYLA	33	LA				9430			16	SC.					@+	WHLT	22	MS	771
			WHLT	22	MS	771				5	WJCL	22	GA	1221			****		WGMB	44	LA	631
			WTWC	40	FL	1029				A	WJ5BD	35	77				0445		MS educ			
		5+	WXXV	25	MS	761 802				"Je	sse Boone								KPLC	39	LA	547
			WMAW KADN	14	LA	584					WCTV	13	GA	1050				4	K39BJ LPB 18.3		LA	500+
	9615					873								1116			****	a				
			WIIQ	41	AL	100000000000000000000000000000000000000			0445		WPGA	58	GA	1100			0500		WHOA	32	AL	926
		\$	WAIQ	26	AL	960					WHSC	63	GA	1119					W65AS	65	LA	572
			WGBC	30	MS	830			0500		K62DW	62	LA	590			0530		WCCL	49	LA	690
	9639		WFXL	31	GA	1066					K69HD	69	LA	550			0545	Δ	WLAE	32	LA	693
	0.000		WEIQ	42	AL	823					WAPT	16	MS	749					WGNO	26	LA	693
	9645		WDHN	18	AL	982					WDSU	. 6	LA	693			0600		WTOK	11	MS	833
			W41BN	41	AL	951					WCOV	20	AL	954			9615		WYES KEWD	52	LA	693 572
			WABW	27	GA	637						64	GA	1116			0630		444	41	***	873
		\$	WLPB	200	-				0515		WGNM	27.		758					WIIQ		AL	100000
	8700		wsws	66	AL	1023					WLOX	1.3	MS	637			0645		WVUE	20	LA	693
			WMGT	41 32	GA	1116 926					WAFB	7	LA	547					WHNO K59DG	59	LA	687
	0730		WHOA	40	AL	1025			0530		WSRE	23	FL	855			9790		WHBR	33	FL	836
	0/30		WDBD	40	MS	749			6220	5	WLTZ	38	GA	1035			4700		WEIQ	42	AL	823
			KUNN	23		544				,	WFSG	56	FL	929					WPMI	15	AL	836
	0800		KMPX	29	TX	559					K21DO	21	LA	645			0715		WMPV	21	AL	839
	0830		KLPB	24	LA	566			0545		WXTX	54	GA	1035	22	tr	0200		WYLA	33	LA	634
	0900		WSRE	23	FI.	855			V343		WFGX	35	FL	889	44	u.	0715		XHDH	11	YU	780
	0700		WPAN	53	FL	870			0600		WUSF	16	FL	1116			0930		WMPV	21	AL.	839
	0915		WMPV	21	AL	839			0000	5	WHLT	22	MS	771			0945		WPAN	53	FL	870
	63.13	5	WITO	21	AL	970				3	N.Orlean			era.	23	tr	0645		KMSS	33	LA	615
	0930	5	WBMG	42	AL	963					WTWC	40	FL	1029	23	u	0815		KADN	15	LA	584
	0930	,		16	MS	749						33	LA	634			9015		KVHP	29	LA	528
			WAPT	29	MS	743				5	APT, 41.			800			07130		WYLA	33	LA	634
		5	Atlanta 3							5		30	MS	830			98290			24		566
	0945 1000		WPMI	15	AT.	1100 836			0615	3	WGBC	15	I.A	584					KLPB WLPB	27	LA	637
	1000	5	WMAH	19	MS	771			9630		WFXL	31	GA	1066			0900		KITU	34	TX	500
		3	KLTL	18	LA	547			9529		WENE	66	AL	1023		F.	0945	\$	WSB	2	GA	1100
			K21DM	21	LA	590			9645	5	WCFT	33	AL	923		4.5	4743	5	WRBL	3	GA	1038
	1014			44		631			8843								1000	3	WIFF	4	SC	1234
	1015		WGMB	68	LA	966			8700	5	MS educ WMGT	41	GA.	1116		tr	1030		KLPA	25	LA	615
	1030		WMAU	17	MS	696			4/90		WHOA	32	AL	926		er.	1930		KLAX	31	LA	618
	0.775		K55HA			550			0715	5	WPBA	30	GA	1103					KARD	14	LA	653
	1100			55	LA	550					WEXG	54	GA	1224		Es	1100		WSJK	2	TN	1249
			K69HD	35	LA	889			0730		LPR 24.2		LA	500+	24	Es				3.77		1181
	2002		WFGX									40	MS	749	24	£.5	8800	4	ch 2 NIC			TTET
	1945		HAHX		VE	510 780			2900		WDBD	11	YU	749			9600	git.	"SEP Te			
	2000		XHDH	11	YU				2800			33	FL	780 836	25	tr	8545	5			FL	1116
	2030		KVHP	29	LA	528					WHBR	33	LA	693	25	Œ	0545	3	WUSF	24	FL.	1110
			KARD	14	LA	653					WLAE	21	AL	839				5	WOFL	35	FL	1190
	2511		KLAX	31	LA	618			2100									3		13	FL	1116
	2100		WBHS	50	FL	1116		11945		_	K59DG	59 36	LA GA	687 1193					WTVT	13	FL	1116
			WITA	38	FL	1116	18	tr	0045	0	WATL			1103					WFLA	40	FL	1116
	2115		WACX	55	FL	1181					KLTL	18	LA FL	547 870			86.00		WRSF	40	FL	1200
			WWSB	40	FL	1106					WPAN						00.00			50	FL	1116
	2130		K59DG	59	LA	687			0100		WBHS	50	FL	1116					WBHS	59	FL	1200
	2145		WTMV	32	FL	1134					WITA	38	FL	1116					WTGL	52	FL	1200
			WTOG	44	FL	1116			1		WTXL	27	FL	1029				\$	WACX	55 65	FL	1193
	2230		WFLX	29	FL	1237			0115		KLAX	31	LA	618 528				\$	WBCC	68	FL	1200
	2245		WOGX	51	FL	1122				5	KVHP	29	LA	528					MBCC	94	1 Pr	1744
	-0.00																					_
																						27

1	Fern				D)		ontin	ues		29	tr	074	15		SEX		LA			tr	0800		KPLC		7 LA	547
												091	5		MOR.	56		634				94		48 n		347
	43	tr 6	615	3	W	CLF		8 FL				093			W 21			534 500	į.		1000	5	KARD	1	LA	653
			1.5	5		CF	2	FL FL	108			183	0	XI		52	CU	227		1	030		WZ9BI	34		500
				3	W	MV			113			184	5	(P)	edras ron			IGC-5)			845		WHBR	1 25		758 836
		94	30		W	ES	1		693			191			HBR BHS	33 50	FL	1116		- 1	930	2	WVLA	33		634
				\$	WF	TS er k	2	FL	1116	9		1936			LA	33	LA	634				2	WOFL	35		1190
		06	45					6,32,3	# 49			201			MI	15	AL	836					WACX			1193
		87				GX	51		1122			2030	)		FT	47	FL	1178		2	030		WPMI	55 15	FL	1181
2	6 b	07		22	WV		33		634					WJ	M2	30 59	FL	1178					WFSU	11	FL	836 1005
-		01	45	5	WG		44	Section 1	631						EM	30	FL	1178			100		W52BF	52	AL	830
					WA	LR	9	LA	637			2100		W5	ZBF	52	AL	E30		2	145		WNFT	47	FL	1178
					K39		39		693 622			****		tenác	chs		TBN	ne					WAWS WJEB	30 59	FL	1178
		0.440			WH		20	LA	687			2115		W4		46	MS	777		22	00		WABW	14	FL	1178
		920	PO		W14		14	LA	705			2130		W31		46 31	FL	960					WBHS	50	FL	1116
				å	K301		30	LA	687					KAI			LA	835 584				\$	KVHP	29	LA	528
				-	KAD		15	LA	600 584			2200		W34			MS	699				\$	WNOL	38	LA	693
					K211			LA	590				5				LA	528		22	15	5	WJKS KETK	17 56	FL	1178
		021	5		"KL	AF"	chs :	55,62,6	59		133	2345	S	WN			LA	693				5	KFXK	51	TX	534 556
		023			WD5		6	LA	693	30 t		0000		WAL			AL MS	926				5	KMSS	33	LA	615
		925	ν.		K460		46 56	LA	646					WDI			MS	749	May 1				****			
		040	0 1		KVH		29	LA	634			1130		K460		46	LA	646	1 tr	41	13		KJ9BJ	39	LA	622
								39,58	528					KLA		31 1	LA	618					WDBD		MS FL	749
			1		KFXI	K		TX	556					N.Or WXT				693				@	KASN		AR	774
		0415	3		KETI		56	TX	534		0	145	5	WMJ		54 ( 14 )	GA MS	1035 807		013		7	W41BN		AL	951
		0545	6		KLA) KFW			LA	618		0	330		WSW			L	1023			12		WJTV		MS	746
		0600			KLTS			TX LA	522 615					(with									KLAX W46AV		LA	618
					KASN	Ď.		AR	774				5	K21D			A	590		014	5 6	A 1	KJOEM		MS A	777 600
					KLRT			AR	783		0.	345	,	WGB		30 A	4S	830				8 1	WILH			1025
		0630	s		KMSS KLTL			LA	615					WLT				758 1035		920			V.Orienna	26,49		693
		9645			WLPE			LA	637					KLFY		10 L	A	575		040	9		C46CR	46 L		646
		9790			C65CI				615			100		over k	cai			1000000			6		VMCF VAPT	45 A		966
					V.Orle				693		999	NO.		WAK		7 F	7	1029			a			54 C		749 1035
		0715			WLA			-A	634					WAFE		8 A		926 637			5	V	VGBC	30 N		830
					CWHI			)K	764		04	00		unid d			ET=	637		0500			LAF chs			500+
		2030			LPB			A	764 566					WMC	4			966		0200	5			66 A		023
27 1		0730		V	VVLA	1		A	634		94	15		WKRO		5 A1		830			-			38 G		926
	3	0800			Н			A	130				DS.		2			982						8 A		982
					Od Vic			XEW	-2)		84		.5	WJSP	21	7 550		960 057	- 0	0515				8 G		057
28 t	r (	1600			FWD		2 T	Y	522					WSRE	2	FL		855		1212			DSU PMI 1	6 L		693
				D	FW 2	,33,	5 T		519		044	15	3	W47BF				771			5			5 Al		836 771
		900		X			2 N		5		***			WFXL W14IE	31	100		066			\$	W	TXL 2	7 FI		029
		130			VLA		3 L		634			9	65	WHLT	22			705 771					PGX 2		. 1	951
	- 7				ADN		4 L		566 584		0:50	ю		WDSU	6	377		93					SST 5			78
	2	145			MUL		L		590		053			WPAN	53			70		530			FXL 3	-		166
					Orless	15 32	1,38		693		054		. 2	"KLAF WIIQ			- 2	00+					COV 2			154 154
29 tr		200 115			/HP		L		528			4		LPB 18,	41	AL	·	73	0	545			B 18,24,2			10+
m, u		113			LAX USS	31	3 (117)		618	976	060		13	WMPN	29	MS		43			262	W)	PAN S	FL		70
	0	130			XK	51			515 556					WMPV	21	AL		39		600	763	W				73
				N.	Orlean	5 26	.49		93					W65AS	65	LA	5	72					MPV 21			39
	10.75	500		LP	B 18,1	15,27	LA	5	00+	- 1	1615			W58BO WOWL	58	MS		88					2BC 52			05 29
		30 45		W	AN	53	FL	8	70		634			WFSG	15	AL FL	94		0.00				MG 42			63
		-00			LAF"			0.000	00+					WFGX	35	FL	92		04	15	\$		5A5 65		5	72
	200	1		KI			LA		72					mid ch é	7 FO	X ne			86	30			6AN 46	FL	96	
				KA			LA		00 53	-			A	PT 425	43	AL	80	0+	***	30	5	WF		FL	92	
	20				PV		AL		39	.9	645			C21DQ C51EG	21	LA	64					WA		FL	88	
	96	30		WE		42	AL	8:	2.3		700	\$		VMAH		LA	58	7.0	06	45		WA	TL 36	GA	110	
				WF WF			FL		2.9			\$		VXXV		MS MS	77 76					WG	NX 46	GA	110	
	964	15			WC		FL		39	0	715		K	59DG	59		68					WY		GA	110	0
			- 1	WG			AL	102		-	120			LAE	32	LA	693					WAI		GA	111	
	970	ю s	- 2	WM	HA		MS	77			30			YES	12		693				3	unid	ch 35 TB	AL	96	0
	844			WX:		25	MS	76						TWC	8		693		070			WM	AH 19	MS	77	
	871	3		(39		39		62	2	87	45			HNO	20	L	1025		073			WH	VO 20		68	
	073	0		C59 VYI		59		68						55EX	55	LA	705		974	5 (	8 :	WUI	L 54	LA	690	
		500		VVI		12	LA	69					K	56DR	56 ]	LA	634					CHD			780	)
		\$	V	VG	MB	44		63		. 68	00	2		GMB	44 1	A	631					OLA WTV		VE	510	
				EPE IO									K	ATC	3 1	.A	566								1029	
8	074	5	٧	VH	VO	20	LA.	68	V				-	ly nudlo	85.		200		070			WM(	GT 41	GA	1116	

					's report								WMAO	23	MIS	799					WIIQ	41	I Al	8.
													KSLA	12		615			2215	2	WMGT	4		
Ý	3	tr	190	0	DFW:						0545	@	KFWD	52		572				-	WMCF	4		
		_			XXXX		5 TX	519			0600	-	WEIBC	61		615					WFGX	35		
		Es			unld ci		1						K65CE	65		615					K46CR	44		
		tr	1915		DFW		TX	519					KLAX	31		618					K59DG	51		
			2100		Merida			780			0645		Merida 5	1110		780			2230	-5		21	-	
۰		tr	0700	+	XHDH		ון זע						KLPA	25	LA	615					ever lecs	d	- 22	0.00
					N.Orle						0700		KVHP	29	LA	528					unid ch 3	0 (2)	aries	ton 7
			-		WMA			55.55					WDBD	40	MS	749					WTJP	64		
			2000		KLPB		6 555	566			1900		KTTU	34	TX	500					W52BF	52		
				\$	WVLA			634					local out							3	WABM	68		
			2030		KADN			584				2	WYLA	33	LA	634			2300	\$	WATL	36		
			2130	5	WLPB			637					KADN	15	LA	584				2	WGNX	44	- 75	111
				\$	WGMI		LA	631			1915		KLPB	24	LA	566				5	WYEU	69		
5	1	br	0645		KLAX	31	LA	618			1930	5	WGMB	44	LA	631				2	WPBA	30		
				2	KVHP	25	LA	528			2000		KVHP	29	LA	528			2330		WHSG	63		
			0700		KLTL	- 11	LA	547			2030		<b>EPB 18.</b>		LA	500+			2000	2	WGXA	24	77	
			2200		N.Orler	nas 26	,32,38	15,49	11	tr	0200		KMSS	33	LA	615				•	K21DM	21		
					WPAN	51	FL	870		E		2	WEDU	3	FL	1116			2345					
			2230		KLPB	24	L	566			1930	2	WFOR		FL	1243	14				WPGA	.58		
					WYLA	33		634			2000		WPBT		FL	1243	14	0 1	9000		WDHN	18	1	
					KADN	15		584	12	tr			N.Oriean					53			M2M2	64	***	
6		T	9630	5	KMSS	33		615	-	-	0715							- 0	1015		WILK	14		
			8700	5	KFXK	51		556			4710		San Salv			1100					WDSU	6	LA	
				-	KARD	14		653					San Salv			1100		- 13	0030	2	WTBS	17		
					KLTS	24		615			0745		unid ch 3			1223					PLCM	11	GA	110
			0715		KVHP	29		528			0745	· de	AATHX		cz	850					W41BN	41	AL	95
			0800		KETK	56	-				02200		(Tapachu			al pr)					WAGA	5	GA	110
			1715		KEWD	52		534			0800	99 1	unid ch 2			daria					previous v	ta E	5	
			1900					522			0930	•	unid ch2						1045	4	WALA	10	AL	83
			9890		N.Orler			Casa				2100	unid ch2 h								finating ur	nder	local	
	11.7				KVHP		LA	528		tr	2000		XHDH		YU	780					WSST	55	GA	107
		4			unid cha						2100		TZHCK	13	YU	780		- 4	100		W24AL	24	GA	110
				184	5 unid cha						2130		KLPB	24	LA	566					(Atlanta			HSC
	t		0445		WPAN		FL	870					WYLA	33	LA	634					WMBB	13	FL.	
					WMPV	21	AL	839			2145		WDBD	40	MS	749					W42	42	CA	110
					WFGX	35	FL	889					KLAX	31	LA	618					(Atlanta			esthe
					WTSG	56	FL	929					KYHP	29	LA	528			115		WNGM	34		115
					WHBR	33	FL	836					KLTL	18	LA	547		177			over local	~	UA	***
			0500		WYLA	33	LA	634			2200		WMPN	29	MS	743			130		unid ch 20	1100	~ 411	
				5	WGMB	44	LA	631					KADN	15	LA	584		- 3			WTGS		SC	122
					unid ch	43 PE	35		13	tr	0100	\$	KETK	56	TX	534					KABV	-	-	
		ij.	0515	8	WXXXV	25	MS	761		100		s	KFXK	51	TX	556				*			LA	572
	E		0715		unid ch								DFW whi		TX	519				3	WITO	21	AL	976
			1945		KLAX	31	LA	618			0300		KLDT		TX	544		12	145	9	WTXL	27	FL	1025
					KARD	14	LA	653			0445		WMPV	21	AL	839				5	M.2C.I.	51	FL	1240
		0	2000		KMSS	33	LA	615					WPAN	53	FL	870				\$	W.F.T.S	28	FL	1116
		- 8	2015		KLPA	25	LA	615			0530	\$	WMAH	0.205						å	WBFS	33	FL	1227
		-		5	KVHP	29	LA	528				•			MS	771				2	WDZL	39	FL	1243
					KADN	15	LA	584			0630		WPMD	15	AL	836					WHFT	45	FL.	1243
		24	2030		LPB 18.		-						WEIG		AL	823					WFLX	29	FL	1231
		- 17	2130		KSIEG		LA	500+					WHBR		FL	836					WCTD	35	FL	1243
						51	LA	584			0700		WFSG		FL	929					WNPL	46	FL	1153
		- 64	2145		WDBD	40	MS	749					K30EM	30	LA	600					WFCT	66	FL	1115
	tr		0100	2	K21DM	-	LA	590					WLPB		LA	637		0.	200	\$	TATW	24	SC	1330
					KASN	38	AR	774					N.Orleans	ահքո		693					WLOX	13	MS	758
					K56DR	56	LA	634					WTWC	40	FL	1029					unid ch 36			
		1	0400		K62DW	-	LA	590				\$	WXXV	25	MS	761					WBRC		AL	976
					K55HA	55	LA	550			0730	\$	WGMB		LA	631		93	215		WCOV	20	AL	954
					W67	67	LA	r MS		Es	1800		San Salva					-	-		KLAX	31	LA	618
					(unid	V	VNTZ	48)		tr	1900		WBHS		FL						KETK	56	TX	534
					K46CR	46	LA	646					ATTW			1116					KFXK	51	TX	556
					W58BO	58	MS	668					WWSB			1106			230	s	WFXG	54	GA	
			415		WAPT	16	MS	749			2000		XHDH		YU	780			100		WDSI	61	TN	1224
			1430		DFW'21		58	519					K39BJ		LA	622			raw					
			545		WLPB	27	LA	637			2030		XHAH		VE	510		1124			KSIEG	51	LA	584
		-		2	WYLA	33	LA	634			_434		WYUE			7.0		45	30		WMPV	21	AL	239
				æ	KFWD	52	TX	522							LA	693				20	WPAN	53	FL	870
		p	600	-	W36AC	36	MS	699			2100		WFSU			1005				2	WMAH	17.7	MS	771
					KABY	3550	LA				¥100		WMAU		MS	696		95	45		WGIQ	43	AL	985
							~	572					WXTX			1035					STIW		LA	693
					er W65A		2120	022			250000		WFXL			1066					WMPN	29	MS	743
					WNOL	1550	LA	693			2115		WLTZ			1035			8	\$	WABW	14	GA	1047
		30	CESTS		WMAU	17		696			2130	\$	WYLA	33	LA	634						20	GA	1196
		0	615		WMPN			743	-			1	KLPB	24	LA	566		94	00					1116
					W648B	64	MS	752				,	W36AC	36	MS	699								1029
			630		KITU		TX	500			2145			40 1	MS	749								1025
		0	645	æ	XHDH	11		780						29		528		40	1500					1299
				-	K39BJ	39		622						18		547		- 00	*# 1					900
					W52		LA						"KLAF"											
					fundd		NIZ				2200 5													1790
	3	0	145	2	KMSS	33		615			2200 3	531 3	WBMG					100			(TV STATI			
	tr.													45 1	AL .			0-6	20		WOLO :	45	26	1290
	tr	-			KETK	56	TY	534					CONTRACTOR OF	46. 1										
	tr				KETK	56		534							LA.					1	WHBR :	33		836
	tr	0	200		KETK KFXK DFW 21,	51	TX	534 556 519				1	WAPT	16 1	us La	749					WHBR WPMI	15 .	AL	836 836 855

	ern 7		D.V	ntine	ert.		15	tr (	0700		WEIQ	42 15	AL LA	823 1 584	7 tr	0000		WFXL WHBR	31	GA FL	100
	75.57							Es	1530		KGAN	2	LA	1243				W52BF	52	AL	83
tr	0630		WJTC	44	FL	845		tr	1915		KDTX	58	TX	519				K55EX	55	LA	76
	8708	\$	WEIQ	42	AL	823		3	2030		<b>WWSB</b>	40	FL	1106				WWL	4	LA	68
			N.Orlean	w wh	r:	693					WBHS	50	FL	1116				WLOX	13	MS	75
			WFSG	56	FL	929					WCMB	44	LA	631				W29BH	29	MS	75
	0730	\$	WXXV	25	MS	761		- 2	2045		HOHIX	11	YU	780				WDSU	6	LA	6
			WJSU	40	AL	1025					W46AV	46	MS	777		0015		WXTX	54	GA	10
			W79A0		AL	1020					WTWC	40	FL	1029				W46AV	46	MS	7
			(Annisto		WBR						WFGX	35	FL	889				WDHN	18	AL.	9
	6800		WFLI	53	TN	1109		- 9	2100		W52BF	52	AL	830				KLDT	55	TX	5
			W63BK	63		839					KZIDM	21	LA	590			-	WSFA	12	AL	9
			WVTM	13		970				?	K39BJ	39	LA	622				KMPX	29	TX	5
	0815		KPLC	7		547			2115	8	WFSG	56	FL	929		0030		K56DR	56	LA	6
			WCFT	33		923		13	2145		DFW 21,			519				WKRG	5	AL	- 8
	0830		WAAY	31	AL	1029					KLSB	19	TX	516				WTGL	52	FL	12
			KSBI	52	OK	693		- 7	2215		WTMV	32	FL	1134		0.500.00		K46CR	46	LA	6
			KTBO	14		705					WXXV	25	MS	761		0100		WINC	21	LA	- 6
		75.0	DFW 21.				16	tr 0	9830		WMAU	17	MS	696				er K21D	Q B	ten R	onge
	0930	5	KOKI	23		764					W47BP	47	MS	773				WGMB		LA	6
		\$	KOCB	34	OK	705								,69 500+		0445		WJSP	28	GA	10
			ever loca								K56DR	56	LA	634				WPMI	15	AL	8
			KWTV	9	OK	702		0	9400		WDBD	40	MS	749			de	WMDN	24	MS	8
	1130		KHSX	49	TX	519					WAPT	16	MS	749			\$	KVHP	29	LA	5
			KDFT	27	TX	519					WBRZ	2	LA	637				WAPT	16	MS	7
	1230	5	KJTL	18	TX	597					WAFB	9	LA	637			\$	WGBC	30	MS	
			KARD	14	LA	653					KMSS	33	LA	615		0500		WDBD	40	MS	7
	1530		WFAA	8	TX	519		0	0415	%	KASN	38	AR	774				WEIQ	42	AL	8
			KERA	13		519				de.	KDFI	27	TX	519			\$	WBMG	42	AL	9
Ēε	1945		unid chs								KUVN	23	TX	544				WGIQ	43	AL	9
	2030		WBHS	50		1116					W14IE	14	LA	705		0530	\$	WMAW	14	MS	1
		\$	WITA	38	FL	1116					WPMI	15	AL	836				WPAN	53	FL	
			MAIAR	40	FL	1106		0	0430		KETK	56	TX	534				WMPV	21	AL	
	2100		WFIX	36	FL	1140					KFXK	51	TX	556			\$	WLTZ	38	GA	10
			WTMV	32	FL	1134					WOFL	35	FL	1190		0545	\$	WCFT	33	AL	9
		@	MZED	30	FL	1144					WRBW	65	FL	1193				WTTO	21	AL	9
		5	WBBH	20	FL	1144		0	1445	4	LPB 18,2	4,25	27	500+			5	WFSG	56	FL	9
			WRXY	49	FL	1140					KLAX	31	LA	618		8600		WSWS	66	AL	16
			Z Music,	CIT	N	111				@S	WMAU	17	MS	696				WIIQ	41	AL	- 1
	2115		WINK	11	FL	1144				\$	KVHP	29	LA	528				WXXV	25	MS	- 5
			WEVU	26	FL	1153				@	WPGX	28	FL	951		0615		WATL	34	GA	11
			WFXL	31	GA	1066				@	WMPN	29	MS	743				WVEU	69	GA	11
			WMBB	13	FL	960		0	500	-	KLDT	55	TX	544				WHOA	32	AL	9
	2130		WXXV	25	MIS	761					KARD	14	LA	653		0630		WNFT	47	FL	11
			KLPB	24	LA	566		0	515		K59DG	59	LA	687				WJEB	59	FL	11
			WVLA	33	LA	634			530		WYUE		LA	693				WAWS	30	FL	11
	2145		KVHP	29	LA	528					WPAN	53	FL	870				WJKS	17	FL	11
			WRBW	65	FL	1193					WMPV	21	AL	839		9645		WHSG	63	GA	11
			WFLA	8	FL	1116		ō	600		KWHB	47	OK	764			5	WHLT	22	MS	7
	2200		WOFL	35	FL	1190				2	KJTL	18	TX	597			*	unid ch 4	R ne		
tr	9400	5	WSCV	51	FL	1240					WYES	12	LA	693			-	WGNX	46	GA	11
			WDZL	39	FL	1243		٥	615		chu 52 &	67 m	AWN	17-48		0700		WBSG	21	GA	11
			WBFS	33	FL	1227		85	10000	A	K30EM	30	LA	600				N.Orlean		LA	6
			WFLX	29	FL	1237				_	KZIDQ	21	LA	645				26,32,38,		-	
			WHYS	69	FL	1240		۵	630		WGBC	30	MS	830				MS ed. 1		1957	1 20
	0415	\$	WLTV	23	FL	1243			1630		WMAO	23	MS	799				KLPB	24	LA	5,29
		170	WCTD	35	FL	1243			444	5	WMAH	19	MS	771				WPMI	15	AL	8
			WFIS	28	FL	1116			700	•	N.Oriean		100	693		0715	5	WYZA	33	LA	6
			WIXL	27	FL	1029			199		WXVT	15	MS	796		1915		WACX	55	FL	11
	0430		KETK	56	TX	534					KADN	15	LA	584		1713	\$	WSCV	51	FL	12
		æ	KFXK	51	TX	556					KMCT	39	LA	677					45		
		2	WGMB	44	LA	631				2	WVLA	33	LA	634				WHFT	33	FL.	12
	0445		KLAX	31	LA	618		r.	1130	:	KSNC	2	KS	889		1024			39	FL	12
	37792	4	LPB 24.3		LA	500+			1130							1930		WDZL		-	12
	0500	GE.	WHBR	33	FL	#36				:	KNOP	2	NE	1144				WHYS	69	FL	12
	AAAA		KARD	14				122			sarsid ch2						_	K30EM	30	LA	6
	4640			30	LA	653		- 45	1500		FM up to			rer,CO		1945	\$	WABW	14	GA	10
	9500		K30EM K59DG		LA	600			1915		KMOV	4	MO	1060		2900		ch 8 CUE			ш
		A		59 52	LA	687		r			WITA	38	FL	1116		2015		XHAH		VE	5
	0500 0515	A			FL.	1200		Li 2	2000		KSDK	5	MO	1063		2945		XHDH	11	YU	7
		A	WTCL		W 1						KTVO	3	MO	****			\$	WLPB	27	LA	6
	0515	A	WTCL WTCE	21	FL	1231					KQTV	2	MO	1025			\$	KVHP	29	LA	5
		A	WTGL WTCE WCFT	21 33	AL	923		13 /2			XHDH	11	YU	780							
	0515	A	WTGL WTCE WCFT WMPV	21 33 21	AL	923 839	,	r 2										XHST		YU	- 7
	0515	A	WTGL WTCE WCFT WMPV WPAN	21 33 21 53	AL AL FL	923 839 870			2130		WFTX		FL	1140		2115		KLFY	10		
	0515	4	WTGL WTCE WCFT WMPV WPAN WTOG	21 33 21 53 44	AL FL FL	923 839 870 1116	,	2	2130		WFTX WBHS	50	FL	1140 1116		2115			10		
	0515		WTGL WTCE WCFT WMPV WPAN WTOG WVUE	21 33 21 53 44 8	AL FL FL LA	923 839 870 1116 693	1	2	2130	<b>@</b>	WFTX WBHS WUPL	50 54	FL LA			2115		KLFY	10	LA	5
	0515		WTGL WTCE WCFT WMPV WPAN WTOG WVUE WYES	21 33 21 53 44 8 12	AL AL FL FL LA	923 839 870 1116 693 693		2 2	2130 2145 2200	@	WFTX WBHS	50	FL LA	1116		2115		KLFY over local	10	LA	5
	0515		WTGL WTCE WCFT WMPV WPAN WTOG WVUE	21 33 21 53 44 8 12	AL FL FL LA	923 839 870 1116 693	-	2 2	2130	@	WFTX WBHS WUPL	50 54 39	FL LA	1116 690		2115		KLFY ever local WAFB	10 9 7	LL	5
	0515		WTGL WTCE WCFT WMPV WPAN WTOG WVUE WYES	21 33 21 53 44 8 12 6 30	ALALFILLALA	923 839 870 1116 693 693	-	2 2 2	2130 2145 2200	@	WFTX WBHS WUPL K39BJ	50 54 39	FL LA LA TX	1116 690 622				KLFY ever local WAFB KPLC	10 9 7 chu	LL	5 5 5 5
	0515 0530		WTGL WTCE WCFT WMPV WPAN WTOG WVUZ WYES WDSU	21 33 21 53 44 8 12 6 30	AL AL FL LA LA LA	923 839 870 1116 693 693		2 2 2	2130 2145 2200 2215	@	WFTX WBHS WUPL K39BJ DFW uhf	50 54 39 1 45	FL LA LA TX	1116 690 622 519				KLFY ever local WAFB KPLC "KLAF"	10 9 7 chu:	LA LA SS,62,6 GA	5 5 5 10
	0515 0530		WTGL WTCE WCFT WMPV WPAN WTOG WVUZ WYZS WDSU WAWS	21 33 21 53 44 8 12 6 30 47	ALALFILLALA	923 839 870 1116 693 693 693 1178	-	2 2 2	2130 2145 2200 2215	@	WFTX WBHS WUPL K39BJ DFW uhf KWLB	50 54 39 1 45	FLAATAA	690 622 519 615				KLFY over local WAFB KPLC "KLAF" WXTX K21DM	10 9 7 chu: 54 21	LA LA S5,62,6 GA LA	10
	0515 0530 0545		WTGL WTCE WCFT WMPV WPAN WTOG WVUE WYES WDSU WAWS WNFT	21 33 21 53 44 8 12 6 30 47 17	AL AL FL IA IA IA FL	923 839 870 1116 693 693 1178 1178	17	2 2 2 2 2 2 2 2	2130 2145 2200 2215	@	WFTX WBHS WUPL K39BJ DFW uhf KWLB KLTS	50 54 39 1 45 24	FLAATAAAA	690 622 519 615 615				KLFY over local WAFB KPLC "KLAF" WXTX K21DM WHNO	10 9 7 chu: 54 21 20	LA LA 55,62,6 GA LA	5 5 5 10 5
	0515 0530 0545 0600		WTGL WTCE WCFT WMPV WPAN WTOG WVUE WYES WDSU WAWS WNFT WJKS	21 33 21 53 44 8 12 6 30 47 17 18	AL FL FL LA LA FL FL FL LA	923 839 870 1116 693 693 1178 1178	•	2 2 2 2 2 2 2 2	2130 2145 2200 2215 2230	@	WFTX WBHS WUPL K39BJ DFW wh/ KWLB KLTS KMCT WFGX	50 54 39 1 45 24 39	LAUXUUUL	690 622 519 615 615 677				KLFY over local WAFB KPLC "KLAF" WXTX K21DM	10 9 7 chu: 54 21 20 15	LA LA SS. 62.6	5 5 5 10 5

W	esi	ern 7	ΓV	DX				18	tr	0330	\$	WFXG	54	GA	1224	20	tr	1930		WBHS	50	FL	1116
Fe	THE	de Gar	cia's	report con	tinue	1				9345		WTVM	9	GA	1040				\$	WITA	38	FL	1116
17	tr	2200		WMCF	45	AL	966				GDS.	WCES	20	GA	1196			2015	7.7	WIMV	32	FL	1134
18	tr	9030		Atlanta		GA	1103					WAKA		AL	926			2100		WDBD	40	MS	749
				30,36,46	69 al	2.5				0645		DFW 33.	52	TX	519					KLTL	18	LA	547
				WILK	14	GA	1103			2030		K46	46	TX				2330	4	WWSB	40	FL	1106
			@	WFXL	31	GA	1066					(unid		K5	7FC)				\$	WMAH	19	MS	771
		9045	\$	WNCM	34	GA	1153	19	tr	9445		WVLA	33	LA	634					WFGX	35	FL	889
				apla shing	loca	1				0715		XHDH	11	YU	780	21	tr	0000	(2)	WFXL	31	GA	1066
			\$	WMGT	41	GA	1116	20	tr	0300		WMPV	21	AL	839			0130	\$	WFTS	28	FL	1116
				WPGA	58	GA	1100					WHBR	33	FL	836			0545		DFW 215.			
				WTJP	60	AL	998					WPAN	53	FL	870					KLDT	55	TX	544
				W41BN	41	AL	951					WPMI	15	AL	836			9600	\$	WVLA	33	LA	634
		0045		WABM	68	AL	966					WNOL	38	LA	693					N.Orienna			693
				K51EG	51	LA	584			0315		DFW 21.	27,33	39,51	519			0630		KYLE	28	TX	425
				WXIA	11	GA	1103					KETK	56	TX	534			0645		WPAN	53	FL	870
				WLOX	13	MS	758					KFXK	51	TX	556			9700		KMPX	29	TX	559
		0100		WDSU	6	LA	693			9530		LPB 24,2	27	LA	500-	ę.				KHSX	49	TX	519
				wcov	20	AL	954					KADN	15	LA	584			0800	\$	WLPB	27	LA	637
				WDHN	18	AL	982			9545		N.Orlean	s 26,3	24.4	9					WHLT	22	MS	771
				WTXL	27	FL	1029				@	KFWD	52	TX	522				\$	WMAU	17	MS	696
				KLAX	31	LA	618			9600		KVHP	29	LA	528			0815		WCNO	26	LA	693
			di,	WM2B	40	FL	1106				\$	WYLA	33	LA	634			0830		K21DM	21	LA	590
		0115		WOCX	51	FL	1122					K39BJ	39	LA	622				\$	KVHP	29	LA	528
			@	WTWC	40	FL	1029			9615	2	WCMB	44	LA	631			0900	5	KMSS	33	LA	615
		0130	2	WIBS	17	GA	1100			0630		K56DR	56	LA	634		Er	0930	5	WCBD	2	SC	1330
				WINC	21	LA	645			0700		K69HD	69	LA	550	22	tr	0545		DFW whi		TX	519
				WFGX	35	FL	889					K55HA	55	LA	550			0600		WVLA	33	LA	634
		0145		WTCS	28	5C	1221			0915		KMSS	33	LA	615					WGMB	44	LA	631
		0200		WTAT	24	SC	1330			1015		KWHB	47	OK	764			9700		KLDT	55	TX	544
18	tr	0330	45	HCXY	24	GA	1116					KIFO	41	OK	764								000000
				WSST	55	GA	1078			1045		KLAX	31	LA	618								

#### Comments

After a disspointing first half of month of march, second part was real nice peaking with Miami's uhi's in the morining of the 24th.

April was the best month ever for tropo DX since I installed an uhi's antenna back in july 1992: 25 days with 560+ miles and —

9 days with 1100+ miles, during the month we got a lot of days up to 100°F mark, unsuall for the month.

Nice opening to Nashville in the morning of april 9 (rare path).

April 23 I got my first Ex opening of this season, in the 24 I got Pilcaragua ch 2 via Ex, lots of mentions of the country and currency "Cordoba".

May 1st I saw new WUPL-TV 54 Sadell, LA testing with bars, fighting channel with WXTX-54 GA.

May 14, super tropo signals from Atlanta brought two lptv's from that city and 2 new ones from Columbia, SC(at 1290 miles).

This day we got 112"F a record temperature for all the seasons.

May 18 also super tropo with ch 8 CUBAVISION.

Es season is maiding a strong start with up to 9 days in first 21 days of May.

May is turbuling out to be the best month of all for trops, until the 22nd i got every day 500+ miles DX except on the 2nd, I got up to 6 days in a row with 1100+ miles(May13-18)

#### 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 transmiting antenna is 5900 ft asi.

73 :

Mike Cherry.	VE7SKA.	Box	631.	Ganges	PO.	Salt
Mike Cherry, Spring Island	BC V8K	W2	CAN	NADA		

Ma	y 19	995							
		0359		vio	deo	49.7496			
27	Es	1700	(Russ XHBC			1197	from	135*	

June 4 Es	1856	KLNE	3	NE		1859 KDUH	4	NE	
	1925	XHBC	3	BCN	1197	1930 KSWK	3	KS	
	1937	KLBY	4	KS		1946(KSGI)	4	UT	
	1957	KREG\$	3	CO		2000 KCNC\$	4	CO	
		KTWO	2	WY					
13 Es	1532	KVBC\$	3	NV	986	1557 KRNV	4	NV	666
	1614	KRONS	4	CA		1629 KCRAS	3	CA	739
	1630	KTVU	2	CA	769	1730 KLNE	3	NE	1311
	1759	KTIV	4	1A	1376	1800 KUSD	2	SD	1291

			KMTV\$			1930	KCRA	3	CA	73
			XHBC 3							
14	Es		CBWFT 3							
		1359	CFSK\$	SK	782	1421	CKCK	2	SK	855
		1430	CBKMT 4	SK	792	1459	CJFB	5	SK	710
		1500	KRTV\$	5 MT	-569	1525	KXLF	4	MT	553
		1530	CFQC-1	3 SK	689					

June 13th's Es openings were pretty weird—very spotty & shortlived with numerous clouds responsible. The TV loggings were stations that often were in for only about five minutes then another signal from another area would take over. Sometimes chs 2,3,4 had multiple signals several deep. Only one longhaul opening today on 6 meters.

On June 14, the MUF briefly got up to 88.7 but I didn't get any IDs.

# 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 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	
<u>4 Tr</u>	
1310 KSOF 94.7 MN Caledonia, "K-Soft"	
5 Tr	
0005 KVIK 104.7 IA Decorah 27 Tr	
0730 K277AD103.3 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 K224Al 96.3 MN Mineapolis (xltr: WNCB)	
<u>12 Tr</u>	
0855 WNXR 107.3 WI Iron River	



	PROSIT				
			n lo	g until now)	
	23, 1995			01	040
			MN	Stewartville, "Y105"	219
Secretary and second	H 1995	11			
1 <u>T 2</u>	KDCM	00.0	1.88.6	Morthinston	275
		89.3	MM	Worthington	2/5
10 Tr		02.5	B AB I	Worthington	275
	21, 199		IVIIV	Worthington	210
			VA/I	Appleton	279
	1995 Tr	31.3	VV1	Appleton	210
6 Tr	1000 11				
	WRHN	100.1	WI	Rhinelander (ex 100.3)	180
16 Tr				A STATE OF THE STA	
	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			Pt. Arthur (Spanish)	1182
0943	KINL			Eagle Pass (many	
	local co		700		1334
		88.7	ΤX	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!)

Assessments	1995 D	X			
18 Tr 2135	WYHH	92.9	DE	Smyrna, "Star 92.9",mor	80
20 Es		88 5	TY	Mesquite, PSAs, wx,	
2120	lame r			reiosquiro, i or is, exx,	1200
2122	KZPS	92.5	TX	Dallas, local ads	1203
2125	KOYN	93.9	TX	Paris, "you're listening	
to	Amer.	Coun	try C	Countdown on KOYN*	1118
32					

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) 0 0800 WRTY 91.1 PA Jackson Twp, part of Temple U's Jazz FM net. 122

5 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 verticially 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 WICO, 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 WGRO, 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 WXCY, 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



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

on Fred's print-out.

Equipment: Dodge Caravan Radio, VW whip. IIMRENFREW@delphi.com June 1 Tr 1541 88.5CKDX ON Newmarket local ads, ID, WRUR off June 6 Es (FL/GA/SC MUF 107.9) 1722 93.7[WOGK] FL Ocala - "K Country" slogan, ad, Note 1 1726 96.9 WXTC SC Charleston - ads Note 2 726 1727 90.9 WLGI SC Hemingway -ID. R. Bahai 1729 94.1 WCHY GA Savannah Y-94 slogan, ads788 1738 107.9 UNID with EBS Test 1739 107.9 WGTR SC Bucksport -

"The New Gator", Myrtle Beach, Note 3

1742 90.9 WLGI SC Hemingway - "Radio Bahai"

Note 1: Is 93.7 Ocala no longer WMMZ? (yep, they are WOGK, and country now!-gc) 115 Note 2: This is my first SC via Es Note 3: Mileage is to Myrtle Beach, Bucksport not

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.

10	neer	III	Su	per	
MΔ	V 19	95	DY		

20 Es 1345 MUF 1835 KMXR 93.9 TX Corpus Christi, Mix 93.9 1488 1730 WQSL 92.3 NC Jacksonville, a/c music 2110 KXKC 99.1 LA New Iberia k\$

2120 WKTF 95.5 MS Jackson, Catfish 95, k\$ 2125 KBZE 105.9 LA Berwick, local ads, incl. ment, of Patterson, verified by letter



JUNE 1995 DX -DX in Elma, NY: Jct, NY-400 and Maple, Rd.-"Whistle 92.3" slogan, unusually short! 573 972 -DX in East Aurora, NY (both w/in 25 miles, in car) -1908 WXDJ 95.7 FL Homestead, SS\$ 1153 1910 100 Jams 100.3 BAH Nassau, urban, \$ Bahamas ments, weather, and accent Wow! New for COUNTRY # 6 on FM 1911 WEDR 99.1 FL Miami 99 Jams urban\$ 1088 1918 WZZR 92.7 FL Stuart, ads, "ZZR" 1921 WZTA 94.9 FL Miami Beach, ads, into current hard rock music (\$), o/CKGE.

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.



# 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

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 gung-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 lasts summer. I am now located 45 air miles due west of St. Louis. My old OTH 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 III NOTAL, get weakly, but at 65 miles air distance this is the greatest DX of a translator(cont....) or two. However, today there's a religious translator at 90.5 in Rolla, which I sometimes I ever encountered! I agree with you 100% about religious right wing broadcasters being one-sided and not very much abut 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 Equipt.: Technics ST-G50, Archer VU-160 at 15 4/18 tr 937fm KSPI 0630 WOIK 99.1 FL Jacksonville,ad 0649 WKMX 106.7 AL Enterprise, loc.nx 349 5/6 Es 1100 unID 88.5 brief bursts towards TX 1053 unID XE-91.5 Estereo Plata w/U.S ID several TX TVs classic rock MUF 97.1 to Mexico 5/21 Es 5/9 tr 0906 KSLH 91.5 jazz, mono, excellent 1711 unIDs to 91.1 0908 WIL 92.3 "WIL FM 92" 5/22 Es 0943 KPSA 92.7 NM LaLuz, Otero Co. and 5/13 Es 2304 unIDs to 88.5, PTA south Texas other NM news 1000 KZPI 91.7 NM Deming, calls & USA nx1211 0023 unID 88.5 in Spanish, probably KTEP 1100 KJZZ 91.5 AZ Phoenix, Arizona wx 1427 1157 WIBI 91.1 IL Carlinville, 0039 KOFX 92.3 TX El Paso, "92-3 The Fox", 11:40 TC 1151 translator IDs (Tr) 0054 KINT 93.9 TX El Paso, S: 1151 6/3 Es 5/15 tr 1900 KATX 97.3 TX Plainview, legal ID 834 1945 KBCQ 97.1 NM Roswell, "..other station 2359 WTSH 107.1 GA Rockmart, legal ID 189 236 in Chaves Countyu, Hot 97 KBCQ" 0044 WKHX 101.5 GA Marietta, "Kicks 101.5" 6/5 tr 0150 WZHT 105.7 AL Troy, "Hot 105.7" 309 0345 WNNS 98.7 IL Springfield

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 optomistically 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 Clarksvile, 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

Equipt.: AM FM TV band radio 5/20 Es

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

 $\frac{5/20~\text{Es}}{1857~\text{unID}}$  92.9 ment. Hialeah Beach Blvd.

Hank Holbrook, 407 Arundel Road, Fair Haven Cliffs, Dunkirk, MD
Equipt.: Fisher 101R FM tuner(1959)w/CS6065 10 element single bay yagi, Channel Master
HD-9515 rotor.
EDT
CJust received M STREET RADIO DIRECTORY-Much larger, looks great. They list WMER as
silent, but as sure as my heart beats it was indeed WEMR below.

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

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

E-SKIP HAS ARRIVED 5/20-95:

SOUTHERN FM DX

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

Holbrook, cont.

 $88.7~{\hbox{WAYJ}}$  Fort Myers, FL  $895~{\hbox{mi.}}~1924~{\hbox{ment.}}$  of Sarasota and Fort Myers thru heavy WAMU/WEAA QRM. Needed but not good enough for a report.

Keith D. Pugh, 227 Martin St., New Hope, AL	35760
Keith D. Pugh, 227 Martin St., New Hope, AL Equipt.: McIntosh MR-78, Probe 9, RG-6 coax	, Archer 18 db amp.
3/15 trs	5/17 tr
1000 WEPT 88.5 SC Belton, g, \$, ID	0945 WDRK 103.5 FL Callaway, ID
3/29 trs	0946 WMLO 104.9 FL Havanna
0949 WVFG 107.5 AL Uniontown, "V-107"	0949 WSXR 101.5 FL Penacola, ID
3/30 trs	0949 WFSY 98.5 FL Panama City
1324 WWGL 94.1 NC Lexington, g,call-ins	0955 WSNI 107.1 GA Thomasville
1405 WPAY 104.1 OH Portsmouth	0956 WJAQ 100.9 FL Marianna, call ins
1427 unID 94.1 sounded like "WCGU"	1001 WPCE 105.3 FL Chattahoochee, ID
4/14 trs	1013 unID 93.5 k and op, "Bubba Radio"
1014 WJYF 95.3 GA Nashville, ads	1051 KHOM 104.1 LA Houma, r, ID
4/16 tr	5/21 Es
0954 KZWA 105.3 LA Lake Charles, ads	0925 KLAS 89.5 Jamaica
1006 WZMP 95.1 MS Marion, ad, "South 95"	0928 unID 105.3 tent. Jamaica
1009 KQID 93.1 LA Alexandria	0929 JBC 91.1 Jamaica, "JBC FM \$"
1026 KRVV 100.1 LA Bastrop, s, "The Beat"	0935 RJR 94.9 " ",\$.//101.3
5/8 tr(WKEA S'boro of)	0935 JBC 97.1 , \$
0952 WAWV 98.3 AL Sylacauga	0937 RJR 101.3 \$, //94.9
0953 WAGH 98.3 AL Ft. Mitchell	0943 FAME-FM 95.3 , \$
0954 WDLT 98.3 AL Chickasaw, ID	0946 JBC 103.9 , \$
0957 WGCO 98.3 GA Midway, o, area ref.	0949 IRIE-FM 105.5 , \$ //107.1
1003 unID 98.3 k, "The Duck 98.3"	0949 IRIE-FM 107.1 , \$
1100 WDFX 98.3 MS Cleveland, g, ID	0952 FAME-FM 91.5 , \$ //95.3
5/9 gw	0954 RJR 104.5
2041 W287105.3 AL? ??, WAYM 88.7	0956 KLAS 89.9 ,\$ //89.5
5/16 tr	0956 RJR 90.5 .\$//94.9 & 101.3
0005 unID 88.1 end St. Louis bsb, ad for	0957 JBC 92.1 .\$ //91.1
Effingham, IL. Huntsville xltr?	1000 C??? 98.1 CUBA, \$, "R.Allies"?
0014 WAXM 93.5 VA Big Stone Gap	1001 FAME-FM 98.1 Jam. Kingston ref.
0042 WYNG 105.3 IN Evansville, k, ID	This fighting with above Cuban.
0908 WDNT 104.9 TN Dayton	5/22 Es (spotty)
0939 WWYZ 100.1 KY Winchester	0949 KLZA 92.9 NM Artesia
0947 WVLC 99.9 KY Mannsville, K. DI	1035 KYYY 92.9 ND Bismarck, Y-93
Es	5/24 trs
1005 KVTY 105.5 TX Mission, SS-EE	0903 WMJB 93.7 GA Sandersonville
1008 XHRT 95.3 TM Revnosa	0905 W 92.5 GA Zebulon, k. "Macon's
1011 XHZTS 91.5 ZA Zacatecas, "\$ Plata"	6/3 Es
1012 KOIR 88.5 TX Edinburg	1259 CBOO 90.5 ON Ft. Frances.CBC Radio"
1014 XHOC 93.5 CL Saltillo	1300 WGMO 95.3 WT Shell Take, TD
1021 XHRL 98.1 NL Monterrey	1754 kGLS 93.1 KS Pratt
1022 XHJD 98.9 NL Monterrey	1801 KBNL 89.9 TX Laredo, TD
1025 XHMF 104.5 NL Monterrey	1802 KWTC 91 9 MO Liberty DI
1047 XHCPO 93.1 Revnosa call change?	1809 KBAT 93.3 TX Midland, on
1050 unID 92.3 Vera Cruz ad. \$	1813 KXXI. 101.3 TX Crane. Tejano.
1053 unTD 97.7 Vera Cruz ad. \$	"TMS Padio Not " ade \$
1107 unTD 96.4 SS. c Mx. Male-Female \$	1816 KODM 97 9 TV Odessa
1118 unTD 100 1 Casa Blanca ref	1828 VCN2 88 1 TV Nhilene G
1149 unTD 95 3 Casa Blanca ref	1830 KENT ON 5 TV Oderes "Conchine P "
1150 VHOR 96 1 CT Can Luie Dotoei	1924 VIVID 92.0 TV Cap Angelo k
"Fetereo Sensation"	1943 VCTT 107 5 TV Can Angelo, K
1300 KTINI OG 1 MV Hamlinger CC ID	1843 KSJI 107.5 TX San Angelo, SS
1220 KIWW 96.1 TX Harringen, SS, ID	1856 KMJH 95./ CU Denver
1228 XHMP 95.5 CL Torreon	1859 K??? 92.1 CD Castle Rock, pr, "92X"
1239 Unit 102./ Saltillo ref.	1902 KILO 94.3 CD CD. Springs
1949 KYXX 94.3 TX Ozona, ID //92.1	1903 KFDI 101.3 KS Wichita
1952 KIDR 96.3 TX Del Rio	1904 KWBI 91.1 CO Morrison
1955 XHSG 99.9 CL Piedras Negras	1906 KERM 98.3 WY Torrington
1957 KHOS 92.1 TX Sonora, //94.3	1907 KMUS 101.9 WY Burns
2004 XHPL 99.7 CL Ciudad Acuna, Del Rio ref.	1918 KWKR 99.9 KS Leoti, flood warning
2008 K??? 98.9 TX Lampasas, "Z-Rock"	1921 KUWR 91.9 WY Laramie
2034 K??? 92.9 TX San Antonio, SS	1923 KICX 96.1 NE McCook
	1950 KOIZ 93.1 TX Amarillo, "Z93"
5/17 tr	
5/17 tr 0934 WEBZ 99.3 FL Mex. Beach. b, ID	1952 KSRW 96.1 TX Childress, Tornado
5/17 tr 0934 WEBZ 99.3 FL Mex. Beach. b, ID 0936 WGLF 104.1 FL Tallahasee	1952 KSRW 96.1 TX Childress, Tornado warning for Childress Co.
Reith D. Pugh, 227 Martin St., New Hope, AL Equipt.: McIntosh MR-78, Probe 9, RG-6 coax 3/15 trs 1000 WEPT 88.5 SC Belton, 9, \$, ID 3/29 trs 10949 WVFG 107.5 AL Uniontown, "V-107" 3/3/30 trs 1324 WWGL 1470 unid 94.1 NC Lexington, 9, call-ins 1405 WPAY 104.1 OH Portsmouth 1427 unid 94.1 sounded like "WCGU" 14/14 trs 1014 WJYF 95.3 GA Nashville, ads 1006 WZWP 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) 10952 WAWV 98.3 AL Sylacauga 10953 WACH 98.3 AL Ft. Mitchell 10954 WDLT 98.3 GA Midway, o, area ref. 1003 unID 98.3 k, "The Duck 98.3" 1100 WDEY 98.3 MS Cleveland, g, ID 10957 WGCO 98.3 GA Midway, o, area ref. 1003 unID 98.3 k, "The Duck 98.3" 1100 WDEY 98.3 MS Cleveland, g, ID 5/9 gw 2041 W287105.3 AL? ??, WAYM 88.7 5/16 tr 10005 unID 88.1 end St. Louis bsb, ad for 1016 Effingham, IL. Huntsville xltr? 1014 WAWM 93.5 VA Big Stone Gap 10042 WYNG 105.3 IN Evansville, k, ID 10980 WDRY 104.9 TN Dayton 10994 WVIC 99.9 KY Mannsville, K, DI 108 10958 WIT 104.9 TN Dayton 10940 WIC 99.9 KY Mannsville, K, DI 108 10958 WIT 105.5 TX Mission, SS-EE 1005 KVIY 105.5 TX Mission, SS-EE 1005 KVIY 105.5 TX Mission, SS-EE 1005 KVIY 105.5 TX Mission, SS-EE 1008 XHRT 95.3 TM Reynosa 1011 XHCTS 91.5 CL Saltillo 1021 XHRL 98.1 NL Monterrey 1022 XHD 98.9 NL Monterrey 1047 XHCPO 93.1 Reynosa call change? 1053 unID 97.7 Vera Cruz ad, \$ 1054 unID 96.4 SS, c Mx, Male-Female, \$ 1118 unID 100.1 Casa Blanca ref. 1150 XHOB 96.1 SL San Luis Potosi, 1150 WHOB 96.1 TX Harlingen, SS, ID 1228 XHWP 95.5 CL Torreon 1239 unID 102.7 Saltillo ref. 1949 KYXX 94.3 TX Ozona, ID //92.1 1952 KTDR 96.3 TX Del Rio 1955 KTGS 99.9 CL Piedras Negras 1907 WIC 99.9 TY San Antonio, SS 15/17 tr 1934 WEBZ 99.3 FL Mex. Beach. b, ID 1908 WERT 104.1 FL Tallahasee 1909 WERT 104.1 FL Talla	1952 KSRW 96.1 TX Childress, Tornado warning for Childress Co. 1954 KBUY 94.1 TX Amarillo, "K-Buy 94"

SOUTHERN FM DX	Pugh	n, cont. JULY 1995	
6/3 Es	- 491	n, cont. <u>JULY 1995</u> 6/7 Es (brief) 1129 unID 93.5 L. \$ "la Pablosa"	
1957 KGRW 94.7 TX Friona, Tejano, ID		1129 unID 93.5 L, \$ ,"la Pablosa"	
2000 KACV 89.9 TX Amarillo, s, ID		N 7	
2005 KMRE 95.3 TX Dumas		6/8 gw (new to air)	
2021 unID 93.6 r, KROO off freq.?		2000 WDJU 94.1 AL Meridianville, r, \$	- 1
6/5 Es (brief)		//92.5 Trinity, AL "WXQ 92.5" slogan	
1001+ unIDs 91.9, 92.9, 94.1	n. c	l	
season to take place though. 73.	W ES S	Season overall. Plenty of time for a good	
season to take prace thought. 73.			
Pat Dyer, WA5IYX, 5315 Silvertip Dr.,	San Ar	ntonio, TX 78228-2744	_
Equipt .: Realistic TM-1001 tuner (two	i.f.	mod. w/150 kHz filter) into Allied 426 52-	
ohm step-attenuator box used to reduce	local	l intermod/overload when needed, 6-e Archer	
antenna at 20' with rotor. CST used,	new un	nderlined, all Es unless noted.	
01-17-95:		8858 KMKX 185.7 TX LONGVIEW (tr;local ad)	297
1784 HR 92.3 Hor SAN PEDRO SULA (town ID)		8856 KYAF-181.7 AR HOPE (tr;ID)	413
1724 T6 97.7 Bu BUATEMALA CITY ("FM Romantica")		8982 KWKH- 94.5 LA SHREVEFORT (tr;10)	353
1733 TE 98.9 Bu BUATEMALA CITY ("FM Globo")	1120		
1752 x 98.7 CH TAPACHULA (town ID)	1875		
1885 XHC2 98.5 CH TUXT_A BUTTERREI (town ID)	430	The State of the S	et consiste
e1-71-95:		#300 KVRT 90.7 TX VICTORIA (tr;ID;//90.3 Corpus)	
1222 \$167 93.5 A7 PARE (local ad)	895	8315 KNUE 181.5 TX TYLER (tr;ID)	289
1227 k141 93.5 AP PASE (local ad) 1225 KSED 92.5 UT CEDAR CITY (ID)	1818	B335 KUEZ 99,3 TX LUFKIN (tr;ID) B359 WMBV 91.5 AL DIXONS MILLS (tr;ID)	265
1225 KSSD 92.5 UT CEDAR CITY (ID) 1787 HF 92.5 Hor SAN EEDRO SULG (town ID) 17:2 HF 98.5 Hor TESUCIBALFA (town ID) 17:25 TE 91.1 Bu (rountry ID)	1158	BODY MARN ATTA HE BINONE WITTER (ALLID)	665
1712 HP 98.5 Hor TEBUCISALPA (town ID)	1258	84-18-95:	- 1
1726 TE 91.1 Bu (country ID)		1554 MEDW 92.5 FL KEY MEST (focal ad)	1899
1731 BB.R Bze BELIZE CITY (area ID) 1827 XHWF: 93.7 YU MERIDA (local ad)	1888	1556 WKRY 93.5 FL KEY WEST (ID)	1887
1827 XHNF: 93.7 YU MERIDA (local ad)	888	1 200	
		84-21-95:	
20.00		P920 F5HE 94.5 LA SHREVEPORT (tr; ID: 8935 FICE 98.7 LA GAFDALE (tr; area ID) 8937 MYNT-181.5 LA BATON ROUSE (tr; ID)	384
82-81-95: 1236 XHFS 93.3 VC VERACRUI (local ad)	728	@935 KICF 98.7 LA CAKDALE (tr; area ID)	367
TARE VULD 40%0 AC AEMHORDT (TDEST 90)	726	E937 MYNY-181.5 LA BATON ROUSE (tr;ID)	44
82-82-95:		Table and the second of the se	
	1885	84-29-95:	0.00 V.C
1137 MM No- 94.5 SC BREENVILLE ("Unique FM")	1816	2059 WYNE-101.5 LA BATON ROUGE (tr;10)	441
1139 WYRC 95,7 NC HICKORY (*Rock 95,7*)	1899	84-38-95:	
	1122		473
		8352 WCYM 92.3 LA LAPLACE (tr;10) 8255 WKSJ 94.5 AL MOBILE (tr;"95-KSJ")	658
e2-e5-95:		8484 MGSI 98.1 LA BATON ROUGE (tr; "Didies 98.1")	
2825 F551 92.5 UT CEDAR CITY (1D)	1818	8511 KICR 98.7 LA DAKBALE (tr:ID)	367
		#741 WEBN 95.9 MS TAYLORSVILLE (try B-95" jst. wx)	561
<u>02-16-95</u> ;	0.74	0 W	
1732 KKFR 92.3 AZ GLENDALE (area ad)	879	85-81-95: 8848 WCKW 92.3 LA LAPLACE [tr:ID]	473
80.27.05.		DESCRIPTION TO LA CAPTAGE (CT) 10	7.19
02-27-95: 1000 FPS* 99.3 TX BROWNWCOD (tr;rel.;ID)	157	85-83-95:	- 1
There is a property of the state of the stat	2070	1552 XHSRD 92.5 ML MONTERREY (tr: "Stereo Rey")	282
		The state of the s	0.00
B3-21-95:		85-84-95;	- 1
2257 KNUE 181.5 TX TYLER (tr; ID)	289	8917 KFDX 93.5 CA REDONDO BEACH (Korean)	1197
87-22-95:			
8758 170- 98,7 LA DAKDALE (tr; "Kicker-98.7") 8754 WHYN-181.5 LA BATON ROUSE (tr; ID) 8855 WCTW 92.7 LA LAPLACE (tr; ID) 8868 WGCV 92.7 LA "CLINTON (tr; ID)	367	B5-87-95:	
8344 WYNY-18:,5 LA BATON ROUSE (tr;10)	441	8938 NERR 92.3 MC ASHEBORO (area ad)	
8355 WCKW 92.3 LA LAPLACE [tr;[D]	473	8931 WPAR 88.1 NC HICKDRY (ID)	1188
BARR MOSY 92.7 LA "CLINTON (tr;[0]	457	1816 WAXM 93.5 VA BIG STONE BAP (ID)	1848
8585 WNDI 98.7 LA NEW ORLEANS (triphone #)	587	1828 WIFX 94.3 KY JENKINS (ID)	1853
essa KLSA 98.7 LA ALEXANDRIA (tr;ID)	387	1838 MBTG 93.5 MV BUCKHANNON (ID)	1233
8682 WTSE 188.7 LA BATOK ROUSE (tr; local ad)	448	1851 WRVC- 93.7 KY ASHLAND ("Gldies 93 RVC")	1 <b>8</b> 98 1181
1884 KSME 94.5 LA LAFAYETTE (tr;ID)	356	1128 WYKS 92.5 OH TOLEDO ("Kiss FM") 1131 WRGN 93.5 OH BOWLING BREEN ("Oldies 93.5")	1175
220220220		1759 KSSD 92,5 UT CEDAR CITY (1D)	1818
<u>83-23-95;</u>		1829 YLIX- 96.5 ID TWIN FALLS ("Classic Rock")	1263
e752 FIPR 90.3 AR PINE BLUFF (tr;area ad)	585	1838 KIEZ 93.5 UT ST. GEORGE (area ID)	1818
BBIC KUEZ 99.7 TY LUFKIN (tr;local ad	265	1841 KXAI 93.5 AZ PASE ("Crystal Radio")	Bo2
8814 WKC- 99,7 TN MEMPHIS (trilocal ad)	642 469	1851 MGFC 97.9 ID BOISE (ID)	1377
BEIS KLAZ 185.5 AR HOT SPRINGS (tr;ID)	289	1853 KUPD 97.9 AZ TEMPE (area 10)	836
9824 KNUE 181.5 TX TYLER (tr;area ad) 9827 KTYL 93.1 TX TYLER (tr;ID)	282	1982 KFDI 93.5 CA REDONDO BEACH (Korean)	1197
DEC. N. 12. TOLL IA LILED (TELLE)	262	CHARLEST CARE NOW WESTER STREET, THE STATE	852

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CONT.

	THERN FM			Dyer,	~
85-89 8678		14	CLINTON (tr;ID)	457	í
8078	WYNE-181.5	1.4	BATON ROUGE (tr;ID)	441	
8956	KTDY 99.9	LA	LAFAYETTE (tr;ID)	411	1
1882	WBBU 187.3	LA	BAKER (tr:area ID)	451	1
1121	KIMI 96.9	LA	ALEXANDRIA (tr;ID)	379	1
1128	KICR 98.7	LA	DAKBALE (tr; *Kicker 98.7*)	367	1
1000					1
85-11					1
1114	XHNY 93.5	BN	IRAPUATO ("Tu-FM";st.ID)	638	1
1282	IHSR0 92.5	NL	MONTERREY (tr; "Stered Rey")	282	
1785	XHSAV 92.7	VC.	SAN ANDRES TUXTLA ("FM 92";st.1D)	778	1
ar .7	06.				1
5000	-95:	TY	HARKER HEIGHTS (tr: "LongStar 185.	5*1123	
			NOLANVILLE (triarea ad)	127	1
262-	AL. 10.10	12	HOCHHYTELE ( C. Jai ea ac)		
05-14	-95:				1
9999	WMBV 91.9	AL	DIXONS MILLS (tr;ID)	669	1
8836	WCKW 92.3	LA	LAPLACE (tr; ID)	473	1
	00000				1
85-15		DOM:	TIJUANA ("The Flash")	1111	1
			MEXICALI (ID)	1111	1
			MEXICALI (town ID)	1819	1
			BRANLEY (ID)	1826	1
			CORTEZ (ID)	773	
			SIGUX FALLS (ID)	976	1
			YANKTON ("Didies 184")	913	1
1447	KNMC- 6V c	Sh	SIOUX FALLS (town)	976	1
			MORRIS (ID)	1123	1
			SALTILLO (tr;ID)	318	
85-16		1	20000222 12 1717		1
		LA	CLINTON (tr;ID)	457	
			BATON ROUSE (tr;IC)	441	1
			PANAMA CITY (ID)	882	
0007	WKT0 07 5	E)	PORT OF THE (6. * Rusha Padic *)	799	1
9988	WKQL 96.9	FL	JACKSDNVILLE ("Cool FM")	1819	1
8418	MELA YZ.5	P.L	OKCHNOO (KILK-AX.)	1856	
8913	WNFB 94.3	FL	LAKE CITY (area ad)	941	1
9927	MORN DE 7	50	VALDOSTA ("FM-9A")	917	
8926	WOCL 185.9	FL		1848	1
8938	KILN 185.9	FL	PANAMA CITY ("Island 186")	768	1
8931	MYDC 184.9	FL	HIBH SPRINGS (ID)	968	
			HAZLEHURST (wx)	964	
			HIALEAH (*92°;Sp)	1152	
8951	MZMQ 183.9	FL	KEY LARGO (//MCRG)	1152	1
			DUBLIN (ID)	951	1
			MAPLES (Limbaugh)	1854	1
			KEY WEST ("Key 93")	1087	1
			MANNINS (ID)	1128	
			ORLANDO (ID)	1858	1
			MICANOPY (*97-Y*)	976	
1118	MMUU 187.3	FL	JACKSONVILLE (ID)	1819	1
1111	MEZE 98.9	FL.	TALLAHASSEE ("The Breeze")	875	
1112	HINI Y4.9	L.F	TALLAHASSEE (town ID) BRUNSWICK (area ad)	859 1889	1
			BRUNSWICK (area ad) TALLAHASSEE (local ad)	868	1
			LOS ANGELES (area ID)	1186	1
	KLOE 95.5 KLAX 97.9		LONG BEACH (Sp.; area ID)	1186	
	KLAX 97.9 KYUT 95.5	AZ	PHOENIX (ID)	836	1
	KRCY 185.9		KINBMAN ("Crazy"; area ad)	996	
	KHWY 98.9		ESSEX ("Highway Stations 98/99")	1831	1
	KFME-188.7		SAN DIEGO (area ID)	1124	1
	KZEZ 93.5		ST. BEDRBE ("Sunny 93.5")	1818	
	KMSW 94.5		CASPER ("Magic 94")	1811	
	KFOX 93.5		REDONDO BEACH (Korean)	1197	1
	KTRS 95.5		CASPER (ID)	1811	1
	KTAK 93.9		RIVERTON (town ID)	1856	1
	within Iway	44.0	merantan laste est		1

JULY 1995 1357 KLZY 92.5 WY POWELL (town ID) 1187 1359 KXAI 93.5 AZ PAGE ("Crystal Radio") 895 1484 KPRN 89.5 CO BRAND JUNCTION (net ID) 878 1413 KJYE 92.3 CO BRAND JUNCTION (\*K-Joy\*) 873 1415 KEKB 99.9 CO FRUITA (ID) 878 1428 KRAI- 93.7 CD CRAIG (1D) 915 1423 KOSW 96.5 WY ROCK SPRINGS ("0-96") 1214 1425 KAML- 96.9 WY BILLETTE (ID) 1898 1436 KMCM 92.5 MT MILES CITY (ID) 1225 1439 KFMD 95.7 UT DELTA (ID) 1831 1448 KKMK 93.9 SD RAPID CITY (IC. 1835 1451 K2H" 94.9 UT PROVO ("Jamin 94"(st.10) 1859 1500 KRCS 93.1 SC STURSIS (local ad) 1861 1933 WEST- 92.5 SC GREENVILLE (10) 1889 1937 MK2K 98.9 IN SALEM ("K2-98.9") 94t 1941 WEKR 92.5 KY DWENSBORD (ID) 868 8355 KVR1 91.7 TX AUSTIN (tr;1D) 78 8728 KTYL 93.1 TX TYLER (tr; ID) 282 8735 WDUE 98.3 IL GUINCY (ID) 829 8759 WHLA 98.3 WI LA CROSSE (ID) 1866 8881 KDAD 89.9 LA SHREVEPORT (tr;ID) 35€ 8884 KUNY 91.5 IA MASON CITY (IA Net ID) 99: 8887 KORS- 92.5 MN GOLDEN VALLEY (area ad) 1188 8812 KDYN 93.9 TX PARIS (tr; ID) 352 8819 KUNC 91.5 CO GREELEY (ID) 847 8828 KJJY 92.5 1A ANKENY (10) 884 BESE KBJS 98.3 TX JACKSONVILLE (ID) TR 262 8832 KOSW 96.5 MY ROCK SPRINES (town ID) 1814 8842 KTRS 95.5 WY CASPER (ID) 1811 8845 KWYR- 93.7 SD WINNER (area ads) 957 8848 KOMA 92.5 KS PHILLIPSBURE (town ID) 78: 8851 KBRK- 93.7 SD BROOKINGS (town ID) 1818 0851 KIDS 92.5 CO GREELEY (area eds: "Z-92.5") 815 8852 KIEI 93.5 UT ST. SEORGE (local ad) 18:8 0859 KELD- 92.5 SD SIDUX FALLS (II) 976 8988 WES" 93.7 MI GRANI RAPIDE ("8-93" Mich. ) 1151 898: KAM\_- 96.9 WY SILLETTE (area ad) 1866 8986 KIGI 92.7 WY RAWLINS (ID) 975 8913 KLZY 92.5 MY POWELL (\*Z-92\*; Mx) 1187 1187 8921 KTAS 97.9 WY CODY (1D) 8923 KHIH 95.7 CD DENVER (local ad) 198 8923 KTAK 93.9 WY RIVERTON (area ad) 18:t 8923 KKMY 93.9 SD RAFID CITY (10) 1878 8924 KRCS 93.1 SD STURGIS (local ad) 1851 8929 KRKS- 94.7 CC BOULDER (ID) 814 8938 KGAA 94.9 SD ABERDEEN (ID) 1888 8938 KGIF 96.9 TX ODESSA (triarea ID) 284 351 894E KPER 95.7 NM HDBBS (trjarea ads) 8953 KSF1- 92.7 SD PIERRE (local ads) 1833 8957 KIPE 96.5 CD EVERGREEN ("The Peak") 792 18:1 1815 KMSW 94.5 WY CASPER (local ads) 1822 KMCM 92.5 MT MILES CITY (area ads) 1229 1837 KROE- 94.9 WY SHERIDAN (area ad) 115: 1838 KLET 92.7 WY BUFFALO (local ads) 1117 1115 KWYD- 96.5 WY SHERIDAN (ID) :158 1121 KBM2 95.5 MT HARDIN (area ads) 1236 1124 KYYA 93.3 MT BILLINGS ("Y-93") 1244 1138 KIDX 98.5 MT BILLINGS ("Dog") 1245 8192 WYNK-181.5 LA BATON ROUSE (tr; 1D) 44: 8253 KBIU 183.7 LA LAKE CHARLES (tr; "Bayou 184") 315 1635 KZD6 92.5 CO GREELEY (area ad; "2-92.5") 815 CONT.,

8841 KYKS 185.1 TX LUFKIN (tr;area ad)

BE47 KJCS 183.3 TX NACOBDOCHES (tr;\*KJ-183\*)

SOUTHERN FM DX	Dyer,	cont.			JULY 1995	
85-24-95:	-	1647 KWNR	95.5	WV	HENDERSON (ID)	1852
8828 KZHT 94.9 UT PRDVD ("Jamein 94.9")	1859	1652 KZEZ	93.5	UT	ST. BEORSE (local ad)	1212
BEJA KORS- 92.5 MN BOLDEN VALLEY ("KG-92";st.]	1188	1659 KUNV	91.5	NV	LAS VESAS (ID)	1851
8841 KIMI 96.9 LA ALEXANDRIA (tr;ID)	379	1659 KILA	98.5	NV	LAS VEGAS (ID)	1852
8857 KXPK 96.5 CD EVERGREEN ("The Peak")	792	1659 KBSD	92.5	UT	CEDAR CITY (ID)	1818
BB54 KTAK 93.9 WY RIVERTON (ID)	1856	1786 KSNE	186.5	NV	LAS VEGAS ("Sunny 186.5")	1857
8854 KOSK 96.5 MY ROCK SPRINES (*9-96*)		1709 KATE	99.9	NH	THOREAU (ID)	723
8855 FUMT 98.5 MY ROCK SPRINGS (MY net ID)	1825	1719 KKOF	94.5	NH	THOREAU (ID) BALUP (ID)	697
000 / 10Hz		1721 KIAZ	93.5	AZ	PAGE (area ad)	895
85-27-95:		1731 X2HT	94.9	UT	PROVO ("Jasein Hot 94.9")	1859
1824 HR 98.5 Hon TEGUCIGALPA (town ID)	125#				DEDEN ("The Breeze")	1133
1825 HR 92.3 Hon SAN PEDRO SULA (town ID)	1158	1742 KUM7	185.7	UT	CENTERVILLE (ID) FRUITA (ID)	1887
1832 TIPAS 93.5 CoR BUENA VISTA ("R. Monumenta!		1748 KEKB	99.9	CO	FRUITA (ID)	878
1847 IHIM 92.5 PU Puebla (town ID)	715	1753 KLZ¥	93.3	UT	SALT LAKE CITY (state ID)	1887
1859 HR 98.9 Hon SAN PEDRO SULA (town ID)	1158	1882 KGSW	96.5	MY	ROCK SPRINGS ("Q-96")	1814
1114 TB 92.3 Bue BUATEMALA CITY (country ID)		85-28-95:				2002
1116 TEFF- 88.1 Bue BUATEMALA CITY ("Fabuester:					展別長年度に、100mmの日本の中では100mm。	815
1153 YHPA 93.7 RE ACAPULCO (city ID)	878	1957 KKM#	93.5	50	RAPID CITY (ID)	1838
1153 XHFA 93.7 BR ACAPULCO (city ID) 1152 XHAE 96.9 BR ACAPULCO (city ID) 1157 XHFC 91.7 PU PUEBLA (city ID) 1158 XHGEC 94.9 PU PUEBLA (ID)	878					
1157 YMET 91.7 PU PUEBLA (city ID)	715	85-29-95:				
1150 THOSE 94 9 PU PUEBLA (10)	715				TOMAHAMK (ID)	1285
1288 XERC- 97.7 DF MEXICO CITY (II)	698	1325 WAIR	92.5	H.	ATLANTA (area ad)	1323
1224 YERFH-183.3 DF MEXICO CITY (city 10)	698					
1636 KMBN 93.9 AZ FLABSTAFF (local ad)	BAI	Comments:				
1637 KLUC- 98.5 MV LAS VEBAS (10)	1852				rong tropo masking some of the Es.	
1642 KEYV 93.1 NV LAS VEGAS ("Y-93"; )					Rican wasn't some closer Central A r Latin American unlDs.	meracar.

# 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

# STATION BREAK

WTFDA STATIONBPEAK 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 mz, \$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 postpoid. 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 0 K 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% and 3% 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 postnaid.

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 DX er 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 Adlorodacks, 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 into. 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.

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

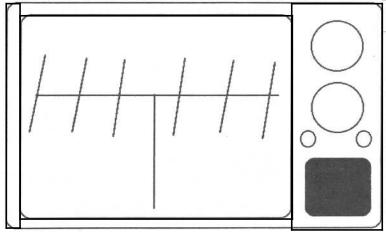
FREE! - New Fifth Edition of E-Skip Maps for channel 2 through 6 now available! FREE! Includes many new logos and FOX shuffle updates. Send a SASE with 55 cents postage attached to:
E-Skip Maps - 154 Old Post Road North - Croton-on-Hudson NY 10520-1932

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