

Vhi-Uhi DIGEST

The Official Publication of the Worldwide TV-FM DX Association

APRIL 1998

MORE SURPRISES FROM "EL NIÑO" IN FEBRUARY:

FM TROPO DX RECORDS ARE BROKEN BY

Ni'ihau
Kaua'i

Moloka'i
O'ahu
Lana'i
Maui
Kaho'olawe

Hawai'i

3,300 MILE DUCT FROM MEXICO TO HAWAII !!!

--see page 25 for Shel Remington's astounding report in
SOUTHERN FM DX!



WORLDWIDE TV-FM DX ASSOCIATION
PO BOX 501 - SOMERSVILLE, CT 06072



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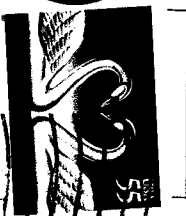
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11/98

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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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ORIGINAL COVER DESIGN: HARRY HAYES BACK ISSUES: DAVE NIEMAN

FROM THE STAFF:

NO NEWS IS GOOD NEWS: That's not a negative approach to this month's report, but after a period of unsettled conditions, it's nice to see things quiet down. For full details on all the latest developments please refer to this column in the March VUD. Then...look ahead to what will hopefully be a *much more active* E-skip season which will make its debut in the next few weeks. About the time E-skip is fizzling...after a summer of sizzling (WE HOPE!)...it'll be time for WTFDA's annual convention. Join our gracious host Dave Nieman in the high country of western New York for a great 3 day extravaganza. Details appear elsewhere in this issue.

FINANCIAL STATEMENT: The remainder of our column will be devoted to the 1997 financial report prepared by WTFDA comptroller Dave Janowiak.

Opening balance - January 1, 1997	\$2,623
Receipts:	
Revenues from dues/samples:	\$6,108
Interest income:	62
Total receipts:	\$6,170
Expenses:	
Publishing: [January thru August]	\$4,520
Misc.: (stamps, P.O. Box rental, memberships, subscriptions, photo work, bounced checks)	287
Total expenses:	\$4,807
Operating Margin: (receipts vs expenses)	\$1,363
Closing balance on 12/31/97:	\$3,986

NOTES: When the books were closed for 1997, the account did not include September, October, November and December VUD expenses of \$1,772 which had not yet been billed by Bill Thompson. So far in 1998 there is about \$2,000 in income from memberships; about \$200 in miscellaneous expenses; and unspecified expenses for 1998 publishing. When the above amounts are considered, the actual balance should still be in the \$2,000 to \$3,000 range. In 1997, some expenses and income were not received here (Greenfield, WI) for several months. It was another difficult year to tabulate the club's financial affairs in a timely manner.

WTFDA MAILBOX

Worldwide TV-FM DX Association
P.O. Box 501, Somersville, CT 06072

NEW MEMBER!..NEW EDITOR!

Hello, and welcome to the WTFDA Mailbox for April. My name is Mike Bugaj, and I'm your new mailbox editor. The first thing I'd like to do is introduce you to Allan Dunn, of Holbrook, MA. Allan lives deep in the heart of the southern Boston suburbs, and he is the club's newest member! Welcome, Allan, and we hope you like it here! If you need anything, just yell!

Recent Renewals

Renewals have been received from Daniel Cashin, Albert Gordon, Nathaniel Ely, Michael Reid, Paul Hansen, Russel Miller and John Zeis. Also in the mail we had a couple of address changes (Eric Sundius and Steven Wiseblood). I've had a couple of reports of missing VUDs and if you are missing any please write to this address or email me and we will get that fixed. I check my email every day, so if you want a prompt reply from me, please use email if possible.

Mailing Lists Merge

The anfatvdx mailing list is an email list for an/fm/tv dxers. It consists of dx tips, some chat, Es and tropo reports as well as the same for the BCB. It recently merged with dxlist@web.net, which was administered by Saul Chernos. The new list, whose address is anfatvdx@qth.net, is administered by David Sharp. In the newly merged list, David will remain the list-master and Saul will be David's back up. I mention this because I myself am on the list, and many other WTFDA members are there also. This is a really great list and an asset to the hobby. It's a good reason to have a computer. Email David Sharp at ddsradio@earthlink.net to subscribe to this list of over 300 subscribers.

Internet Relay Chat (IRC)

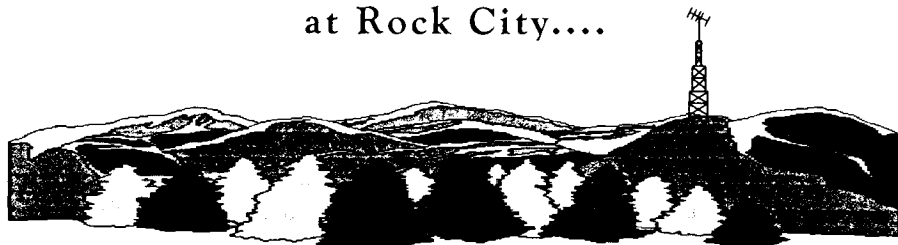
Here is another part of the internet that is becoming popular with FM/TV DXers. Members of the WTFDA meet on the internet for real-time chat sessions on the IRC. Commonly called "chat rooms", these are properly called chat channels, and we have chat sessions on Tuesday and Friday nights at 10pm EST. We hold these sessions on IRCNET and the channel is #wtfidx. PC users will need a program called mIRC to be able to access IRC, and there are ways for Mac and Commodore users to do it also. Once mIRC is installed and set up, you select a server to use to enter IRCNET. A good server to use is irc.stealth.net port 5550, but there are also many other you can use. Once you find yourself on the server, you should join channel #wtfidx (/join #wtfidx). You will now be in the WTFDA chat channel, and someone will be there to greet you! Hey, you've been on the web, you downloaded via ftp, you've read lively discussion in the alt.art.bell newsgroup and sent and received internet email. So why not try IRC. It's a big part of the internet, and it's FUN!

Does Anyone Understand Your Hobby?

Does your wife, girlfriend, family or friends understand your hobby of FM/TV Dxing? Have you ever tried to explain it to them? Did they go away thinking what a cool hobby you had? Or did they go away with a blank look on their faces. Maybe they shook their heads and decided not to have anything to do with you. Well, we all would like to know. If you have a good story, mail or email it to me and I'll print it. Send it to box 501, or email me at ikon@netcom.com. Until next time, keep your feet on the ground and your head in the "E" layer.

-Mike

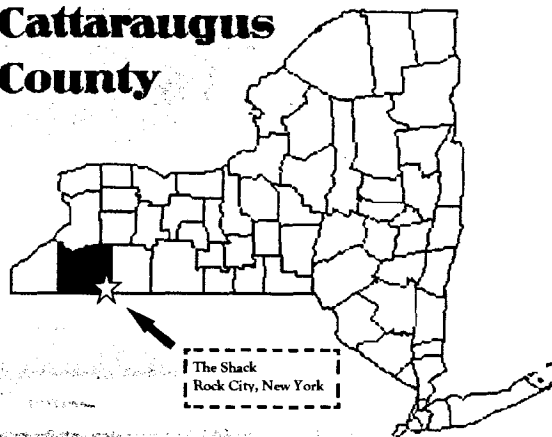
Attend the 1998 WTFDA Convention in the hills of south-western New York State at Rock City....



Ho-Sta-Geh Road is only a short 7 1/2 miles from exit 26 of the "Southern Tier Expressway" (route 17) on Hartzfelt Mountain. Dx central is a rustic cabin on three wooded and quiet acres on the rim of the Allegheny Mountains. From a

height of 2350 feet above sea level and with few high powered local stations; dx'ing can be quite interesting at times. Lucia's Motel and Supper Club is the official motel for the '98 WTFDA Convention. Call early to reserve your room; space is limited to only nine (9) units. Be sure to say that your attending the WTFDA CONVENTION, July 31st, August 1st thru 2nd.

Cattaraugus County



Area motels are:

**Lucia's Motel & Supper Club	9 units	rates starting at \$37/night	1-716-372-0039
De Soto (Best Western)	76 units	rates starting at \$40/night	1-800-325-0043
The Castle Inn	164 units	rates starting at \$55/night	1-800-422-7853
The Old Library Inn (B&B)	8 rooms	rates starting at \$65/night	1-716-373-9804

All rooms are based on single occupancy; add 8% NYS tax.

**The official motel of the '98 convention.

Convention registration fee, \$25.00 -- goes toward Friday evenings pizza & wings, Saturdays Banquet and snacks/drinks. Send \$1.00 for an information packet (deductible if you register) to Dave Nieman -- 12284 Nice Road -- Akron, NY 14001-9408. Packet includes convention schedule, site maps, 'Greater Olean Area Events & Activities' and 'Shop The Olean Area' guides.



Stop what you're doing; it's time to make plans to attend the **1998 WTFDA CONVENTION** at "The Shack" Rock City, New York. This years event will be held **July 31th to August 2nd, 1998.**

Hosted by: Dave Nieman

with co-host Greg Coniglio

Here's an abbreviated schedule:

- Fri. 11:00AM convention starts, people arrive at the cabin get reacquainted.
- early afternoon AM/PM station tour.
- 6:00PM pizza & wings party at the cabin; DX until crack of dawn.
- Sat. c. o. d. early risers arrive at the cabin for coffee, donuts & morning tropo.
- noon break for lunch (on your own); checkout area points of interest.
- 5:00PM banquet at Lucia's Supper Club, club meeting.
- 7:00PM arrive back at the cabin; DX till crack of dawn.
- Sun. c. o. d. early risers arrive blurry eyed back at cabin for coffee, donuts & morning tropo.
- noon things wind down, we say our good byes till next years convention.

Thanks for stopping.

1998 WTFDA Convention

at Ho-Sta-Geh, Road -- Rock City, New York

NAME _____
 ADDRESS _____
 CITY _____ STATE/PROV _____
 ZIP/POSTAL CODE _____

Check one:

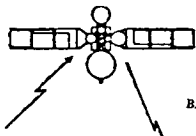
Enclosed is a \$1.00 (deductible if you register for the '98 WTFDA Convention) for my convention information packet.

Enclosed is my registration fee, \$25.00** - send me my convention information packet. All fees are applied to convention costs.

** Advanced registration only, make check or money order payable to: David J. Nieman, travel and lodging arrangements are the responsibility of the convention attendee.

Mail check or money order to: Dave Nieman -- 12284 Nice Road -- Akron, New York 14001-9408

SATELLITE NEWS



GEORGE W. JENSEN
4604 ANNTANA AVENUE
BALTIMORE MD 21206-4220

Another month another slew of new services and changes. Much of this is on the digital side and they seem to come in clumps. - Here goes..

- ANIK E2 - Ku
406 - Speed Vision
712 - La Canal Nouvelles
795 - Meteo medea - French Weather Channel
GE1
23 - Outlaw Music Channel - VC2 proposed
SPACENET 4 -
7 - delete - 3BTV - Basil Bassett Bingo
TELSTAR 4
100 - Turner Classic Movies 603 - Arts and Entertainment
400 - Classic Sports Network 604 - The Learning Channel
401 - Speed Vision 605 - Knowledge Television
402 - Fit TV 606 - The History Channel
403 - Outdoors Channel 607 - Ovation
404 - CNN SI 680 - EWTN
405 - ESPN News 681 - Inspiration
406 - The Golf Channel 700 - Comedy Central - East
500 - USA Network - East 701 - TV Food Network
530 - Turner Network Televis. 702 - travel Channel
531 - TBS 703 - E - Entertainment
532 - WGN 704 - Sci-Fi Channel
580 - CNN 705 - Animal Planet
581 - Headline News 706 - Court TV
582 - CNNI - FN 707 - HGTV
583 - CNBC 708 - Lifetime
584 - C-SPAN 1 709 - C-SPAN 2
600 - Catron Network 710 - open
601 - Family - East 711 - open
602 - Discovery - east 712 - open
713 - open
714 - open
780 - QVC Shopping
781 - Home Shopping Network
800 - The Nashville Network
801 - Country Music Television
802 - BET on Jazz



- GALAXY 7
101 - Encore Plex - Mountain
102 - Encore Plex - West
103 - Starz - Mountain
104 - Encore - Mountain
580 - delete - bloomberg
603 - delete
751 - TV 5 - Paris, France.
Ku-Band
580 - Bloomberg News
581 - CBS Eye On America
582 - BBC World Service
583 - open
TELSTAR 402
800 - BET on Jazz - International
SPACENET 3
1 - African Broadcasting Corporation
13 - Daystar - KMPX - Ch 29 - Decatur (Dallas/Fort Worth)
To Jim Snow in the Atlanta area - PLEASE - rewrite me -
I have a fairly long response to your latter, but the postal people are playing games with zip codes.
That's all for now - see you in 30.... '73's

TV NEWS

April 1998

Douglas E. Smith W9WI
1385 Old Clarksville Pike
Pleasant View, TN 37146-8098
72777.3143@compuserve.com

*: Non-commercial station
nc: No Change
+/-: Channel offsets (plus,
z/n: minus, zero, and none)
^: Digital TV station

APPLICATIONS FOR NEW STATIONS

St	Ch	ERP	Ht.	City	Applicant	Latitude	Longitude
AK	28^	1000	39	Anchorage	KTVA [11]	61-11-33N	149-54-01W
AK	26^	34.4	-11	Fairbanks	KTVE [11]	64-50-36N	147-42-48W
CA	42^	165	873	Los Angeles	KWHY [22]	34-13-36N	118-03-59W
CO	32^	223	296	Denver	KDVR [31]	39-43-45N	105-14-12W
FL	18^	103	302	Miami	WLRN [17]	25-58-46N	80-11-46W
IN	46^	250	267	Indianapolis	WTHR [13]	39-55-43N	86-10-55W
MO	56^	1000	333	St. Louis	KMOV [4]	38-31-47N	90-17-58W
ND	22^	97.3	392	Bismarck	KBME [3]	46-35-23N	100-48-02W
OH	21^	440	212	Columbus	WBNS [10]	39-58-16N	83-01-40W
TX	54z	4029	322	Austin	KNVA [54]	30-19-33N	97-47-58W
WA	41^	427	263	Seattle	KCTS [9]	47-36-58N	122-18-28W
WA	48^	1000	239	Seattle	KING [5]	47-37-55N	122-20-59W

KNVA [54]'s application is for a new auxiliary backup (NTSC) transmitter; no change is planned to the main.

CONSTRUCTION PERMITS GRANTED FOR NEW STATIONS

St	Ch	ERP	Ht.	City	Applicant	Latitude	Longitude
CA	61-	1.83	K61GH	National C.	R Posadas	32-41-15N	117-03-56W
CA	20+	100	985	Yreka City	N. CA PTV	42-04-55N	122-43-07W
GA	41-	1.22	W41CG	Lafayette	NGTV	34-41-06N	85-11-46W
GA	21+	1.22	W21BV	Summerville	NGTV	34-31-28N	85-18-34W
IA	23-	5000	608	Ames	Pappas	41-48-13N	93-37-50W
ID	31-	3851	445	Pocatello	Ch. 31	42-55-15N	112-20-44W
IL	67+	1	W67DR	Quincy	J. Liska	39-58-22N	91-19-54W
KS	14+	150	160	Holsington	KSAS [24]	38-37-54N	98-50-52W
KY	49-	7.7	W49BZ	Morehead	Superior	38-10-38N	83-24-18W
MS	44z	1000	145	Greenville	Tarkenton	33-32-35N	90-50-48W
MT	65n	10	K65GZ	Bozeman	L. Corbin	45-40-24N	110-52-04W
ND	26+	1797	339	Bismarck	KT Bcstg.	46-35-23N	100-48-02W
ND	24z	1834	253	Minot	KT Bcstg.	48-03-03N	101-23-24W
OR	28+	13.2	K28FP	Astoria	G. Herman	46-17-10N	123-53-50W
QU	9	0.94		Baie-Comeau	CFTF [29]		
QU	4	1.1		Forestville	CFTF [29]		
QU	7	0.86		Sept-Iles	CFTF [29]		
TX	41^	100	506	Fort Worth	KXAS [5]	32-35-07N	96-58-06W
TX	22-	70.3	228	Wolfforth	Woods	33-30-08N	101-52-20W
WY	13+	316	384	Casper	Uhlmann/ Latshaw	43-16-33N	106-14-25W

I believe the winner of the CP for channel 44 at Greenville, Mississippi is retired NFL football player Fran Tarkenton.

New-station permits expired, dismissed, etc.:

St	City	Ch	# permits	St	City	Ch	# permits
CA	Escondido	61	1	CA	San Diego	61	4
IA	Ames	23	2	ID	Pocatello	31	2
MS	Greenville	44	2	NC	Canton	27	1
ND	Bismarck	26	3	ND	Minot	24	3
TX	Wolfforth	22	1	WI	Crandon	4	1

APPLICATIONS TO CHANGE EXISTING FACILITIES

St	Ch	ERP	HAAT	Call	City	Latitude	Longitude
CA	43			K67EU	Monterey		
KY	15z		264	WKPC-TV	Louisville	38-22-01N	85-49-54W
NJ	63z	5000	348	WMBC-TV	Newton	41-00-43N	74-35-32W
NY	22z	50		W56CV	Niles	43-00-25N	75-10-05W
WA	9z		249	KCTS-TV	Seattle		

APPLICATIONS TO CHANGE CONSTRUCTION PERMITS

St	Ch	ERP	HAAT	Call	City	Latitude	Longitude
CA	29^			KPIX-DT	San Francisco		
NC	38+	3020	155	WEPX	Greenville	35-24-09N	77-25-10W
TX	55+	nc	553	KTEBU	Conroe	30-13-53N	95-07-26W
WA	45+	276	346	KHCV	Seattle	47-32-39N	122-06-32W

The KPIX-DT application is to change from channel 28 to channel 29.

CHANGES GRANTED TO EXISTING FACILITIES

Only one change this month, and it's in Canada. CBRT-2 channel 5 in Drumheller, Alberta has been granted a move to channel 6.

Changes expired, dismissed, etc.:

St	City	Ch	Call	St	City	Ch	# permits
CA	Monterey	43	K67EU	KY	Talbert	64	W14CC
LA	B. Rouge	50	K13VE	NJ	Camden	49	W68CV

In February I mentioned that WXTV-LP Philadelphia was operating on channel 41 under special temporary authorization. This is a typo on my part: it's actually on channel 42. (thanks to Russ Miller for catching this one) WXTV itself (the full-power station at Paterson, NJ) is indeed on channel 41.

CHANGES GRANTED TO CONSTRUCTION PERMITS

St	Ch	ERP	HAAT	Call	City	Latitude	Longitude
FL	67z	nc	128	WPXP	Lake Worth		

TECHNICAL CHANGES ON THE AIR

St	Ch	Call	City	What happened
FL	39z	WDZL	Miami	moderate power & tower height increases, move 3km SW, go to elliptical polarization
GA	34z	WNGM-TV	Athens	major power & moderate tower height increases, move 30km WSW
GA	38-	WUBI-LP	Savannah	huge power increase; from channel 34z
IN	59-	WXIN	Indianapolis	double power, add circular pol.
PA	57z	WPSG	Philadelphia	go to circular polarization
PR	24z	WJFX	San Juan	minor power increase & tower height decrease
RI	69-	WPXQ	Block Island	huge power & tower height increases; move 50km NW

NEW STATIONS ON THE AIR

St	Ch	ERP	HAAT	Call	City	Latitude	Longitude
AR	27+	0.9		K27FC	Paragould	36-01-52N	90-30-57W
FL	26+	5		W26BN	Melbourne	28-08-14N	80-42-11W
FL	15z	17		W15BO	Naples	26-12-07N	81-48-49W
FL	32+	20.5		W32BL	Naples	26-12-07N	81-48-49W
FL	52+	24.7		W52CK	Naples	26-12-07N	81-48-49W
GA	39^	1000	304	WSB-DT	Atlanta	33-45-51N	84-21-42W

NEW STATIONS ON THE AIR

St	Ch	ERP	HAAT	Call	City	Latitude	Longitude
LA	40z	11.8		K40DZ	Lafayette	30-02-54N	91-59-49W
LA	27z	1		K27FK	Natchitoches	31-47-56N	93-28-54W
MI	31-	8.61		W31BK	Menominee	45-16-45N	87-40-26W
NM	29+	0.133		K29DP	Lordsburg	32-18-58N	108-45-18W
NV	31+	1.33		K31DO	Las Vegas	35-56-43N	115-02-32W
NY	39+	38.8		W39CE	Glens Falls	43-01-13N	73-31-27W
OH	35^			WLWT-DT	Cincinnati	39-07-27N	84-31-18W
TX	9^			WFAA-DT	Dallas	32-35-06N	96-58-41W
TX	55n	0.15		K55GJ	Raymondville	26-28-32N	97-48-30W
TX	31+	38.4		K31EX	San Antonio	29-26-30N	98-30-28W

We now have some regular-license DTV stations on the mainland. Jim Ayers in Norcross, GA is seeing WSB-DT. KPXR [48] Cedar Rapids, IA and KOPX [62] Oklahoma City have been granted operating licenses. Both stations have actually been operating for at least a year.

STATIONS DELETED/DISMISSED/ETC.

St:	Call:
OH	W35BA

W35BA is the first LPTV to actually be bumped by DTV; its channel has been taken over by WLWT-DT Cincinnati. In an interview with the trade magazine *TV Technology*, the LPTV's owner expressed anger over the shutdown & indicated he would not try to find another channel for W35BA. He indicated co-owned WBQC-LP [25] would also be shut down.

CALL CHANGES

Was:	Now:	City:	Ch	Was:	Now:	City:	Ch
New	KBCZ	Holbrook, AZ	11	K47CO	KUVR-LP	Reno, NV	47
K26CO	KGEC-LP	Redding, CA	26	WMGC	WIVT	Binghamtn, NY	34
New	KPMR	Sta Barbara, CA	38	K31EM	KWEM-LP	Stillwtr., OK	31
WIRB	WOPX	Melbourne, FL	56	KJLF	KKWB	El Paso, TX	65
WCTD	WPXM	Miami, FL	35	KSGI	KXIV	Cedar C, UT	4
WFHL	WCPX	Decatur, IL	23	KOOG	KUPX	Ogden, UT	30
K15EG	KADO-LP	Shreveport, LA	15	KZAR	KUWB	Provo, UT	16
W04AK	WGCI-LP	Waterville, ME	4	WJCB	WPXV	Norfolk, VA	49
				W14BN	WXOB-LP	Richmond, VA	14

The Decatur, IL change confirms my suspicion of the reason for channel 6 in Orlando changing to WKMG. KMG are the initials of the (Orlando) station's owner.

PROGRAMMING CHANGES

Call:	Location:	Programming:
KPSN-LP [22]	Payson, AZ	sold to KPNX [12], NBC
K52EG	Yuma, AZ	sold to 3ABN
K16DC	Gd. Junction, CO	sold to TBN
W59CX	Melbourne, FL	sold to 3ABN
WCFC-TV [38]	Chicago, IL	sold to Paxson (PaxNet)
WFHL [23]	Decatur, IL	sold to Paxson (PaxNet)
K15EG	Shreveport, LA	noted with NET.
K63BU	Gallina, NM	sold to KNME [5], PBS
K06HX	Mora, NM	sold to KASA [2], Fox
WLWG-LP [64]	Columbus, OH	sold to Paxson (PaxNet)
K50DF	Glencoe, OK	sold to KOKI [23], Fox
K07VB	Stillwater, OK	sold to KOKI [23], Fox
K19DB	Stillwater, OK	sold to KOKI [23], Fox
K51DT	Eugene, OR	sold to KMTR [16], NBC
W08AB	Guayama, PR	sold to religious organization
WJNK-LP [61]	Nashville, TN	sold to 3ABN
K52FR	Harlingen, TX	to Worship & AltV
K16CY	Killeen, TX	sold to religious organization

PROGRAMMING CHANGES

Call:	Location:	Programming:
K55GJ	Raymondville, TX	S:religion "FTN" // K30FF, K32ER, K67HC
K43EM	Cheyenne, WY	sold to religious organization
K13NZ	Shoshoni, WY	sold to KTWO [2], NBC.
K08AA	Wyodak, WY	sold to KTWO [2], NBC.

OTHER STUFF

Thanks to Russ Miller, Chip Kelley, Fernando Garcia, and Danny Oglethorpe, for information appearing elsewhere in this month's column.

Settlement agreements have been reached among competing applicants for 30 open NTSC channels in 19 states. These agreements will bypass both the competitive hearing process and channel auctions and allow expedited issuance of construction permits -- I expect to see a lot of new-NTSC-station CPs next month. In one interesting incident, both channels in Ely, Nevada (channels 3 and 6) were won by the same applicant. The applicant proposes to operate them as non-commercial stations; regulations limiting a licensee to one station in a city don't apply to non-commercial operations.

In the interest of keeping the column down to five pages, I've had to drop a lot of LPTV information this month. LPTV technical changes have been omitted unless they involve a change to a new channel. All permits issued for new LPTVs are shown, as are all new LPTVs on the air, LPTV call changes, and LPTV programming changes. There were no applications for new LPTVs this month. The new layout of this column should make it easier to prepare and allow using different fonts if it proves useful.

FORUM

Randy Miltier, Ashland OR:

Randy sent a quick email noting a new KMVU [26] translator in Yreka, California. It's on channel 66 with 10KW. I can't figure out what this is, nothing in the FCC database seems to fit.

Danny Oglethorpe, Shreveport LA:

Danny sent more excellent ID photos, especially from Mexico. He also sent word his local LPTV K15EG seems to be on regular schedule now, with NET. Another item from the Shreveport *Times* hints at the programming of KNTS-LP [17] Natchitoches. The station expects to be on the air about the time you read this. A satellite network is planned, but the station manager wouldn't tell the paper which one.

Dave Sinclair, Vancouver BC:

Is K48DM Bellingham, WA still on the air? Dave sent two sets of channel listings from the Bellingham *Herald*, one from the April 13-19, 1997 issue and the other from the January 11-17, 1998 copy. The April paper shows KTZZ as being on channel 48, (and no cable channel) while the January issue lists it on channel 22. (both air and cable) KTZZ is, in fact, on channel 22, but it does also own translator K48DM. My guess is that cable penetration is so high in Bellingham that when KTZZ went on the cable, the paper simply chose to ignore its air channel. But that's only a guess.

Also in Bellingham, Dave says KBCB [24] is now IDing as:

KBCB 24/19
Bellingham, Washington
The Fourth Corner &
Vancouver, B.C.

19 is their cable channel on four area systems.

A letter to the editor of the Blaine (WA) *Banner* suggests some possible programming changes in non-commercial TV in the Seattle area. The writer said "...KCTS9 is thinking of rebroadcasting it's sig-PBS station KBTC 28 UHF in Tacoma." I'm not sure what that means. KCTS and KBTC are not commonly-owned. There are two applications on file for a new non-commercial (full-power) station at Bellingham on channel 34, and one of those applications is from KCTS. My guess is this is what he was writing about. Where KBTC comes into the deal, I don't know. Maybe there's some kind of non-commercial LMA?

Finally, Dave forwarded nine items over three years from the *All Point Bulletin* (Point Roberts, WA) about LPTV station K29CP there, and its efforts to obtain zoning approval for a 200-foot tower. As you might expect, there has been plenty of local opposition to the tower, most of it centered on fears of health effects of electromagnetic radiation. One former FCC employee wrote "UHF station can beat up TVs - Multi megawatts of power." I have to assume he was a mailroom employee! K29CP's permit is for 15.5KW...

The articles make no mention of a second LPTV authorized to the same owner. K31DJ is authorized for the same site and power. Articles do indicate plans to carry Mainstreet TV if channel 29's tower is ever built.

Fernando Garcia, Monterrey NL Mexico:

Fernando landed us some publicity in the Gainesville (Florida) *Sun* when he emailed asking a question about WGFL [53]'s program schedule. The reporter wanted to know why someone in Mexico would care what programs were airing on a Gainesville TV station -- and printed Fernando's response in the paper. WTFDA is mentioned, and the URL to our Web site was given. The *Sun* article may still be on <http://www.sunone.com/news/articles/03-10g.html>.

Russ Miller, North Amity ME:

Russ sent a photo of a test pattern reading "WKTV-2 KEJ59 UTICA NY". He asks, "What does KEJ59 mean?" Other DXers have seen similar calls on ID slides; WCY25 on the KERA [13] slide is most frequently mentioned.

KEJ59 is WKTV's STL, or "Studio-Transmitter Link". Of course, many TV stations have their transmitters at a considerable distance from their studios. When this distance is too great to span economically with fiber optics, a microwave radio system is used instead. As with most legal radio transmitters, these microwave links have callsigns and, at least at one time, had to be ID'd. (I'm not familiar with the current ID regulations for these links - and in any case, it was certainly legal to ID the link after the main transmitter had been turned off for the night!)

The live remote trucks used by most stations also have callsigns - hopefully you'll never see these ID on the air, but you might see one if you visit a TV station. And, some stations use "Inter-City Relay" microwave gear. This is most common where two or more cities at a considerable distance are part of the same market. (Springfield-Decatur-Champaign, Illinois, for example) One station might have news studios in more than one city, and use an ICR microwave to relay programming to the main studio. (then a STL from there to the transmitter)

You can't really tell the difference between the three types of microwave from the call letters. Just know that if you see a callsign with three letters then two digits, it's some kind of microwave link. This could be a good way of IDing an otherwise unID DX catch, except I have no idea where to look to find out who owns a given microwave callsign...



FM NEWS

April 1998

Many of the items listed in this column are taken from the publication:
M Street Journal - P.O. Box 1479 - Madison, TN 37116-1479
 PHONE (615) 865-1525 FAX (615) 865-2598

editor- GREG CONIGLIO

90 SLATE CREEK DRIVE - APT. 3
 CHEEKTOWAGA, NEW YORK 14227

E-MAIL coniglio@localnet.com
 TIP DEADLINE - The 10th

KEY:

&: satellite programming
 AF: new freq. allocation **accepted** for filing for a new FM license
 AFA: American Family Association
 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
 GX: granted replacement of expired CP
 LC: filed for license to cover (for new strn.)
 MC: multiple-city legal ID
 NC: no change yet, on a reported pending grant/change.
 ND: non-directional
 NO: station is **not** on the air
 NS: a new station granted a license
 OSA: one-step application
 NW: new station signs on the air
 PA: proposed amendment to change table of allocations
 PC>: a power change (increase)

PC<: a power change (decrease)
 PG>: power change granted (increase)
 PG<: power change granted (decrease)
 QC: frequency change for this station
 QG: frequency change granted
 RA: station returns to the air
 RE: station requests extension of a CP
 RX: station requests re-instatement of an expired CP
 SG: slogan change or update
 SI: station is silent
 XA: dismissed amendment to the table of FM allocations
 XC: station changes xmtr site
 XG: station granted a transmitter (xmtr) site change



UNITED STATES

ALABAMA:

Birmingham: WZRR 99.5 PC> 100 kW, 1014 ft, C
 XC: 33-27-45 / 86-50-59
 Chatham: *NS 106.1 NO-GE
 Jackson: WHOD 94.5 FC to Jones soft AC (&)
 Opelika: WMXA 96.7 PC> 3.5 kW, 430 ft,
 XC: 32-33-54 / 85-22-13
 Ozark: WAQG 91.7 PG< 2.2 kW, 377 ft.
 Selma: *NS 105.3 50 kW, 492 ft, DA
 Selma: *NS 89.7 AF
 Troy: WAXU 91.1 CC (NS)

ALASKA:

Anchorage: *NS 93.7 27 kW, 663 ft.
 Fairbanks: *NS 96.9 10 kW, 507 ft.
 Glenallen: KXGA 90.5 LC
 Houston: KQEZ 92.1 LC
 Nikiski: *NS 93.3 50 kW, 243 ft.

ARIZONA:

Cottonwood: KVRD105.7 PC> 300 w
 Fredonia: K270AH101.9 NS-170w: KXAZ 93.3 Page
 Globe: KDDJ 100.3 CC (ex KHOT)
 L.Havasut City: *NS96.7 1050w, 2706 ft, DA
 Oracle: KLQB 106.3 FC to rock (Tuscon)
 Paradise Vly: KHOT 105.9 CC(exKBUQ)*Hot105.9*
 Payson: *** 99.3 GA: add class A
 Wellton: *NS 104.5 6.1 kW, 1348 ft.

ARKANSAS:

Atkins: *NS 99.3 6 kW, 328 ft.
 Batesville: *NS 99.5 6 kW, 328 ft.
 Beebe: KPIK 101.5 FC to Jones clas. rock (&)
 Brinkley: KQMC102.3 PA: to C2 - Coit, AR
 El Dorado: *NS 101.5 6 kW, 328 ft.
 Harrisburg: *NS 95.9 16 kW, 328 ft.
 *NS 104.1 35 kW, 577 ft.

Arkansas:

Lonoke: KKYK 106.3 CC (ex KMZX), FC to
 CHR // KDRE 101.1 "Z101" (Little Rock)
 Maumelle: KSIZ 96.9 NW, urban "Hot 96.9"
 Mena: *NS 105.3 8.1 kW, 564 ft.

CALIFORNIA:

Arvin: *NS 92.5 86w, 2542 ft.
 Burney: KIBC 90.5 XC: 40-52-29 / 121-46-13
 Coarsegold: *** 94.5 GA: add class A
 Columbia: KTDO 98.9 adds Jones Spanish AC (&)
 Hydenville: *NS 94.1 17 kW, 1860 ft.
 Johannesburg: *NS100.9370w, 1312 ft.
 Kerman: *NS 95.3 6 kW, 328 ft.
 Lenwood: *NS 104.5 2.5 kW, 515 ft.
 Lompoc: KAOH104.9 NO-GE
 Lompoc: KAKV 106.7 PG< 1.1 kW, 1069 ft,
 XG: 34-26-12 / 120-29-17
 Los Angeles: KCMG 100.3 CC (ex KIBB) "Mega 100"
 King City: *NS 91.3 930w(v), 36 ft, DA
 Merced: *NS 94.1 1,250 w, 725 ft.
 Merced: KAMB101.5 PC< 1850w, 2093 ft, ND
 Modesto: KEJC 93.9 PG> 4.3 kW, 384ft, DA
 Muscoy: K294AI106.9 NS-7w(v): ??
 Needles: *NS 107.1 50 kW, 492 ft.
 Oakhurst: KAAT 103.1 dec. to 56' granted
 Orlando: KRQR106.7 NC to 50 kW, 308 ft, DA. RE
 Pismo Bch: KWBR 95.3 FC to alternative // KOTR 94.9
 with another new format expected soon
 (S.L.Obispo)



FM NEWS

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California:

San Luis Obispo: KSLY 96.1 PC< 3.4 kW, 1686 ft.
 Santa Barbara: KLDZ 107.7 NW, oldies
 Santa Barbara: K295AH 106.9 NW, // KMRO 90.3
 Santa Barbara: XLTR102.3NW, // KCLU 88.3
 Shingletown: *NS 96.1 600w, 1023 ft.
 Tehachapi: *NS 100.1 180w, 1804 ft, DA
 Templeton: *NS 100.5 1.2 kW, 722 ft.
 Westley: *** 95.5 GA: add class A
 Yucca Valley: KYOR 106.9 CC (ex KSES)

COLORADO:

Aspen: K278AL103.5 NS-9w: KSNO 103.9
 Avon: KZYR103.1 XC: 39-38-05 / 106-26-47
 Colo City: *NS 89.9 AF
 Delta: *NS 103.3 14.5 kW, 918 ft.
 Durango: KWXK 99.7 FC to adult alternative
 Ft.Morgan: KBRU101.7 FC to oldies (&)
 Grand Jct: *NS 100.7 AF
 Rye: *NS 90.1 AF
 Trimble: *NS 88.5 AF
 Westcliffe: *NS 89.9 AF
 Wray: KATR 98.3 GA: to C1 - Otis, CO

CONNECTICUT:

New Britain: WFCS107.7 PC< 36w(h), 108' class D
 New Haven: WYBC94.3 FC to urban AC (daytime)
 CHR at night (student run programming)

DELAWARE:

Harrington: *NS 88.7 AF

DISTRICT OF COLUMBIA:

Washington: WCSP90.1 NC to 36 kW, 567 ft DA, B

FLORIDA:

Arcadia: WWRZ98.3 adds Jones soft AC (&)
 GA: to class C2: Fort Meade, FL
 Chiefland: WLQH107.9 CX CP for 97.3, 3 kW, 328'
 Edgewood: WLTF105.9 NO-RE
 Ferdinand Bch: WNLE 91.7 PG< 32 kW, 223 ft
 XG: 30-27-23 / 81-31-49
 Ft.Pierce: WXFG 95.5 CC (ex WCLB) "The Frog"
 Goulds: WRTO 98.3 FC to Spanish hits (Miami)
 Key Largo: WMKL 91.7 NO-GE
 Key West: *NS 90.1 AF
 LaCrosse: *NS 99.5 6 kW, 328 ft.
 Marathon: WKTS 97.7 NO-GE
 Murdock: *NS 98.9 6 kW, 328 ft.
 Nocatee: *NS 105.3 6 kW, 328 ft.
 Safety Harbor: WYUU 92.5 inc. to 489 ft.
 Sebastian: *NS 95.9 25 kW, 321 ft.
 Sebring: WYMR105.7 PG< 19 kW, 351 ft, C3
 XG: 27-21-29 / 81-28-22, QC from 105.5
 Tallahassee: WAIB103.1PC< 42 kW, 541 ft.

GEORGIA:

Brunswick: WAYR 90.7 CC (ex WAQC)
 Cordele: WKKN 98.3 RA with classic cntry (&)
 Cuthbert: *NS 100.7 AF
 Donaldsonville: WWGF 107.5 CC (NS)
 Hinesville: WHVL104.7 adds Jones AC (&) (Sav.)
 Macon: W201BU88.1 NS-80w(v): WPCS 89.5 FL
 Macon: WPEZ107.9 PA: to class C1 - Hampton,
 GA
 Mt.Vernon: *NS 101.7 6 kW, 325 ft.
 Roswell: WAMJ107.5 CC (ex WTHA) "Magic 107.5"
 Warrenton: WRFN 93.1 NW, talk sports // WRDW
 AM 1480 (Augusta)

HAWAII:

Hilo: KHWI 100.3 FC to classic rock
 Hilo: KAOE 92.7 FC to oldies
 Hilo: KNWB 97.1 PC< 38 kW (cir), -823 ft
 XC: 19-47-02 / 155-05-25
 Kelakekua: KAOY101.5 FC to oldies // KAOE 92.7



IDAHO:

Coeur D'Alene: *NS102.3 172w, 1843 ft.
 Homedale: *NS 106.3 100 kW, 1440 ft.
 Lewiston: *NS 105.1 500 w, 1099 ft
 McCall: *NS 106.7 AF
 Mountain Home: KTPZ 99.1 PC< 80 kW, 2191 ft.
 Pocatello: KISU 91.1 CC (NS)

ILLINOIS:

Albion: WBJW 91.7 NW, religion
 Atlanta: *NS 96.3 6 kW, 328 ft.
 Carlinville: WTSG 90.1 NO-GX
 Carthage: *NS 93.9 6 kW, 328 ft.
 Crete: WYAA102.3 CC (ex WEMG)
 DeKalb: WDKB 94.9 XC: 41-45-57 / 88-53-44
 Eldorado: WEBQ102.3 NC to 6 kW, 328 ft, DA
 XC: 37-43-03 / 88-32-37

Farmington: WJPL 96.5 LC
 Geneseo: WAXR 88.1 CC (NS)
 Highland Park: WXXY 103.1 CC (ex WVVX)
 Knoxville: *NS 105.3 5.2 kW, 323 ft.
 Morris: WYXX103.1 CC (ex WJDK)
 Mt.Carmel: WVJC 89.1 adds MC1-CHR (&)
 Peoria: *NS 90.7 AF
 Pittsfield: WAKC 90.9 CC (NS)
 Taylorsville: WTIM 97.3 LC

INDIANA:

Auburn: WGL 102.3 PG> 6 kW, 315 ft.
 XG: 41-21-07 / 85-09-55
 Evansville: WYNG105.3inc. to 1614 ft
 XC: 38-04-45 / 87-36-36
 Farmersburg: *** 96.3 GA: add class A
 Ft.Wayne: W277AK103.3NS-15w: WQKO 91.9
 Indianapolis: WNAP93.1 adds Howard Stern
 Roann: *NS 101.9 6 kW, 328 ft.
IOWA:
 Ankeny: KMXD106.3 FC to soft AC "Sunny 106"
 Bettendorf: *NS 91.1 AF
 Des Moines: KLYF100.3 FC to hot AC
 Keokuk: KOKX 95.3 NC to 100 kW, 794 ft, C1
 XC: 40-24-01 / 91-35-09

KANSAS:

Cawker City: *NS 96.3 13 kW, 320 ft.
 Colby: KWGB 97.9 CC (NS)
 Copeland: KHYM103.9 inc. to 751 ft.
 Emporia: KRWW 99.5 PA: to 96.1 - A
 Galena: *NS 104.3 6 kW, 328 ft.
 Hutchinson: *NS 97.1 13.4 kW, 450 ft.
 Ingalls: *NS 96.3 100 kW, 659 ft
 Ingalls: *NS 105.9 6 kW, 328 ft.
 Iola: KIKS 99.3 PA: to 101.5 - A

Kansas:

Kingman: KCVW 94.3 NW, religion
Medicine Lodge: KSNS 91.5 inc. to 462 ft.
XG: 37-14-02 / 98-39-55

Topeka: KWIC 99.3 PA: from class A to C3

KENTUCKY:

Beaver Dam: WAUE100.7 PA: to class C3 from class A, CL: Brownsville, KY

Brodhead: *** 101.9 GA: add class A
Campton: *NS 103.7 6 kW, 328 ft.
Fredonia: *** 92.1 GA: add class A
Lexington: WBUL 98.1 CC (ex WKQQ) "The Bull"
Morehead: WMOR92.1 QG to 106.1 - C3, PG> 8 kW, 348', XG: 38-10-56 / 83-26-56

Mt. Vernon: *** 101.9 XA to add class A
Mt. Sterling: WAXG 88.1 CC (NS)
Smith Mills: *** 94.5 PA: add class A
Stanford: *** 101.9 XA to add class A
Winchester: WKQQ100.1 CC (ex WWYC) "100 Rock Double Q" (Lexington)

LOUISIANA:

Alexandria: *NS 106.9 6 kW, 328 ft.
Bastrop: KRVV100.1 PC< 6.9 kW, 449 ft
XC: 32-39-36 / 92-05-15

Blanchard: *NS 102.1 25 kW, 328 ft.
DeRidder: KEAZ 101.7 FC to s.Gospel // KDLA
DeRidder: KBAN 91.1 CC (NS)
Erath: KPEL 107.7 PG> 81 kW, 863 ft.
Grand Isle: *NS 104.5 AF
Houma: KUMX104.1 CC (ex KHOM) "Mix 104.1"

MAINE:

Machias: *NS 101.1 50 kW, 492 ft.

MARYLAND:

Baltimore: WOCT104.3 PG< 38 kW, 469 ft
XG: 39-25-46 / 76-27-00
Cumberland: WKGO 106.1 PC> 5.4 kW, 1410 ft.
Ocean City: WRXS106.9 FC to CHR "X 106.9"
Ocean Pines: WQJZ 97.1 CC (ex WLFX) FC to smooth jazz (&) (Salisbury)
Salisbury: WSBY 98.9 FC to modern rock // WOSC



MASSACHUSETTS:

Nantucket: *NS 89.5 AF

MICHIGAN:

Alpena: WHSB107.7 PC> 100 kW, 610', C1
Benton Hbr: *NS 94.9 2.2 kW, 380 ft.
Detroit: WMXD 92.3 PC< 45 kW, 479 ft, DA
Frankenmuth: *NS 93.7 5.2 kW, 351 ft.
Gladstone: *NS 105.5 AF
Honor: *NS 100.7 4.1 kW, 328 ft, (Xavier U)
Houghton: WAAH102.3 PG> 36 kW, 492 ft, C2
L'Anse: WCUP105.7 NC to 51 kW, 856', GX
Negaunee: WKQS101.9 LC
Oscoda: WCLS100.7 adds ABC's Moby program
Oscoda: WCMB 95.7 CC (ex WCMV)

MINNESOTA:

Ada: KRJB 106.3 PC> 6 kW, 285 ft.
Belview: *NS 105.9 6 kW, 328 ft.
Deer River: KBAJ 105.5 CC (NS)
Fairbault: *NS 107.5 48 kW, 394 ft.
Hermantown: WWAX 92.1 PG> 3.4 kW, 892 ft, C3
XG: 46-47-15 / 92-07-21

Intl Falls: KBHW 99.5 adds SKY c. Christian (&)
Moose Lake: *NS 107.1 NO-RE (2nd)

Missouri:

Nisswa: *NS 93.3 AF
Ortonville: KAHF 106.3 adds ABC country (&)
Pillager: *NS 95.9 AF
St. Charles: KLCX 107.7 NO-GE
St. Joseph: *NS 99.9 6 kW, 328 ft.

MISSISSIPPI:

Carthage: WSSI 98.3 NC to 20 kW, 328', C3, GE
DeKalb: *NS 105.7 50 kW, 492 ft, DA
Hazlehurst: KDXO100.9 FC to ABC A/C (&)
Liberty: WAZA107.7 CC (NS)
New Albany: *** 101.5 GA: add class A
Prentiss: *NS 104.9 6 kW, 328 ft.
Stonewall: *NS 106.9 2550w, 508 ft, DA
Sumrall: WJSJ 97.3 NW, soft AC (&) (Laurel)

MISSOURI:

Boonville: *NS 93.1 3.8 kW, 413 ft.
Chillicothe: KCHI 103.9 adds ABC oldies (&)
Jefferson City: *NS104.1 6 kW, 312 ft.
LaMonte: *NS 97.1 AF
Macon: *NS 99.9 6 kW, 328 ft.
Miner: *NS 107.1 6 kW, 328 ft.
Moberly: *NS 97.3 25 kW, 328 ft.
Scott City: *NS 93.9 6 kW, 328 ft.
Shell Knob: *NS 97.7 AF
Springfield: KWFC 89.1 inc. to 1122', DA, class C
XG: 37-12-06 / 92-56-33

MONTANA:

Billings: *NS 107.5 100 kW, 984 ft.
Billings: *NS 96.3 100 kW, 695 ft.
Billings: *NS 105.1 NO-RE
Butte: KAPC 91.3 NO-GE
Deer Lodge: KQVR96.5 NW, country "The River"
Great Falls: *NS 91.5 AF
Helena: KUHM 91.7 NO-GE
Livingston: *NS 100.7 100 kW, 1325 ft.
Missoula: KMZL 91.5 CC (NS)
Plains: KPLG 91.5 NW, religion // KXEI 95.1
Superior: *NS 107.5 AF

NEBRASKA:

Hastings: KFKX 90.1 NW, alternative
Hastings: *NS 94.5 50 kW, 492 ft.
Hubbard: KAYA 91.3 NW, AFA cont. Christian (&)
McCook: KSWN 93.9 NO-RX

NEVADA:

Incline Village: KTHX 100.1 PC> 820w, 2975 ft.
Laughlin: KADD 93.5 LC
Moapa Vly: *NS 104.7 3 kW, 466 ft.
Sun Valley: *NS 94.5 2.5 kW, 1886 ft.
Wendover: *NS 102.3 100 kW, 984 ft.

NEW HAMPSHIRE:

Durham: WUNH 91.3 PG> 6 kW, (v), DA
Farmington: *NS 106.5 200w, 741 ft.

Lancaster: WXXS102.3 CC (ex WNHT)

NEW JERSEY:

Cape May: WWCJ89.1 PG> 15 kW, 298 ft, DA
XG: 38-59-45 / 74-50-19
E. Orange: WFMU 91.1 NC to 1.5 kW, 492', GE
Tuckerton: WBHX 99.7 NO-GX
Villars: WFNN 98.7 XG: 38-59-45 / 74-50-19

NEW MEXICO:

Albuquerque: KLVO1 97.7 NS-20 kW(v), DA
Albuquerque: KYLZ1 106.3 NS-20 kW (v), DA
Chama: *NS 98.9 6 kW, -751 ft.
Cloudcroft: *NS 97.9 AF
Gallup: *NS 101.5 AF
Grants: *NS 105.5 100 kW, 1410 ft.



NEW YORK:

Albion: *NS 95.5 6 kW, 328 ft, DA
Attica: WXOX101.7 FC to modern AC
"101.7 The Spot" (Buffalo), CC (ex WBTF)
Brookport: WASB105.5 NO-GE
Buffalo: WEDG103.3 PC< 7.2 kW, 315 ft.
Calverton-Roanoke: *NS 105.3 6 kW, 292 ft.
Canandaigua: WMHX 102.3 FC to soft AC // WMAX
Chateaugay: WYUL 94.7 PC< 1.4 kW, 502 ft, ND
XC: 44-51-11 / 73-58-28
Endwell: *NS 107.5 1.1 kW, 544 ft.
Honeoye Falls: WRCD 107.3 FC to dance-CHR
"Jammin' 107" (Rochester)
Irondequoit: WMAX106.7 FC to soft AC (Roch.)
Ithaca: WQNY103.7 NC to 15 kW, 879', GE
Jewett: *NS 97.9 1450w, 1672 ft.
L. George: WCKM 98.5 QG to 99.1, DA
Liberty: WGRW88.1 NW, religion // WFGB 89.7
Mt. Kisco: WZZN106.3 FC to smooth jazz (&)
Speculator: *** 96.5 PA: add class A
Utica: WOUR 96.9 adds Bob & Tom
Vestal: WMXW103.3 PC> 890w, 850 ft.

NORTH CAROLINA:

Aurora: WFPF104.5 CC (NS)
Bayboro: *NS 97.9 16 kW, 423 ft, DA
Hatteras: WYND 97.1 OSA to C3, 48 kW
558 ft, XG: 35-27-48 / 76-02-07
Lenoir: WKVS103.3 PC> 3 kW
Norlinda: *NS 94.3 6 kW, 328 ft.
Old Fort: WDLF104.3 PC> 6 kW 171 ft, DA
XC: 35-37-44 / 82-20-46, adds ABC AC (&)
Robbinsville: WQVP 95.9 PC> 120w
Southern Pines: WIOZ 102.5 LC
Wanchese: WOBR 95.3 adds Jones modern AC
overnights (&) (Outer Banks)
Warrenton: WXNC107.3 NO-GE
Wilson: W274AK102.7 NS-WBFJ 89.3

NORTH DAKOTA:

Bismarck: *NS 91.5 AF

OHIO:

Bellevue: WNRR 92.1 NC to 3.7 kW, 108', RX
Dover: WJER101.7 PG< 1.1 kW, 287 ft
XG: 40-30-46 / 81-27-25
Johnstown: WSMZ103.1 adds ABC urban AC (&)
Lancaster: WJZA103.5 CC (ex WSWZ)
Pleasant City: *NS 92.1 6 kW, 328 ft.
Pt. Clinton: WXXR 94.5 FC to classic rock (Toledo)
Shelby: WSWR100.1 FC to Jones oldies (&)
Westerville: WAXV103.9 NO-GX, CC (NS)
Willard: *NS 96.9 6 kW, 328 ft.
Youngstown: WHOT101.1 PG< 24.5 kW, 795 ft.
Zanesville: WJIC 91.7 CC (NS)

OKLAHOMA:

Ada: KADA 99.7 QC from 96.7, still class A
Ada: *NS 89.9 AF
Chickasha: *NS 90.5 AF
Cordell: KCDL 99.3 OSA to 25 kW, C3, 210 ft.
Duncan: KKEN102.3 CC (ex KRHD), FC to country "Kickin" (Lawton)
Holdenville: KTLS106.5 FC to oldies (&)
Newcastle: KKNG 93.3 RA with country "King" (now serves Oklahoma City market)
Pawhuska: KTGP103.9 NW, Branson country (&)
Wagoner: KRQZ102.1 PG> 6 kW, 276 ft.
XG: 35-34-39 / 95-12-36, CL: Warner, OK

OREGON:

Burns: KQHC 92.7 LC
Coos Bay: *NS 90.5 AF
Milton-Freewater: KTHK 97.9 NC to 20 kW, GX
Newport: *NS 92.7 3.8 kW, 840 ft.
Harwood: *NS 100.7 25 kW, 328 ft.
Tumalo: K208CV89.5 NS-KLVN 93.3

PENNSYLVANIA:

Barnesboro: *NS 93.5 1.3 kW, 499 ft.
Brookville: *NS 103.3 10.5 kW, 508 ft.
Brookville: WMKX 95.9 QG to 105.5 - B1, 16 kW 413 ft.
Gladwyne: W245AG96.9NS-WBMR 91.7
Pittsburgh: WDRV 96.1 CC (ex WVTY) "The River"
Tobyhanna: WKRF107.9 XG: 41-02-37 / 75-22-38

RHODE ISLAND:

Narragansett Pier: WAKX 102.7 adds Howard Stern
Woonsocket: WWKX 106.3 adds Howard Stern

SOUTH CAROLINA:

Hanahan: WAVF 96.1 adds Howard Stern
Orangeburg: WKSO103.9 NC to 9.2 kW, 531 ft, C3
XC: 33-40-13 / 80-52-25

SOUTH DAKOTA:

Aberdeen: *NS 106.7 100 kW, 338 ft.
Clear Lake: *NS 107.1 15 kW, 430 ft.
Dell Rapids: *NS 95.7 25 kW, 328 ft.
Milbank: KPHR104.3 FC to Jones oldies (&)
Rapid City: *NS 106.3 100 kW, 449 ft.
Rapid City: *NS 88.3 AF

TENNESSEE:

Belle Meade: WNPL106.7 NW, hot AC/classic hits
Bulls Gap: *NS 100.7 6 kW, 328 ft.
Dayton: WDNT104.9 adds Jones country (&)
Elizabethton: WAEZ 99.3PG< 3.6 kW, 810 ft.
Harrogate: WLMU 91.3 adds MC1- CHR (&)

Tennessee:

Henderson: WHHM107.7 FC to classic cntry (&
Henry: *NS 104.7 2.9 kW, 476 ft
Middleton: *NS 100.7 25 kW, 328 ft
Norris: *NS 106.7 3.6 kW, 361 ft
Parker's Crossroads: *NS 96.5 6 kW, 328 ft.

TEXAS:

Abilene: KAQD 91.3 LC
Amarillo: KAEZ 105.7 FC to ABC AC (&
Austin: K285ES104.9 NS- // KYCM 88.5
Bastrop: KYCM 88.5 NW, religion
Bemavides: KXTM 107.7 NO-GE
Big Spring: KBCX 91.5 CC (NS)
Bishop: KFLZ 106.9 FC to Spanish religion
Blossom: *NS 92.7 50 kW, 492 ft.
Borger: *NS 106.7 6 kW, 259 ft.
Bridgeport: *NS 90.5 AF
Brownwood: KHPU91.7 CC (NS)
Burkburnett: KY1104.7 PG< 92kW, C1
Cameron: *NS 94.3 6 kW, 328 ft.
Centerville: KAJG 105.9 NO-GE
Coleman: KSTA 107.1 FC to classic rock
Conroe: KKHT 106.9 NC to 1899ft, XC, GE
Corsicana: KDXX107.9 FC to Spanish CHR // KDXX
AM 1480 Dallas

Crane: KKKK 101.3 CC (NS)
Decatur: KDKR 91.3 NO-GE
Doss: *NS 88.1 AF
Edna: KGUL 96.1 CC (NS)
Falfurrias: KPSO106.3 PC> 1350w, 194 ft.
Farmersville: *NS 92.1 2.7 kW, 492 ft.
Gatesville: KRYL 98.3 FC to classic rock (&
Giddings: KANJ 91.5 LC
Gonzales: KCTI 106.3 NC to 15 kW, 423 ft, C3
XC: 29-41-17 / 97-40-39

Granbury: KMRT106.7 FC to Spanish CHR // KDXX
Gregory: *NS 104.5 3 kW, 298 ft.
Hooks: KTHN 95.9 FC to CHR (Texarkana)
Hutton: KIKY 92.1 FC to tejano "La Nueva"
Ingleside: KCCG107.3 adds ABC oldies (&
Kerrville: KBBP 91.1 CC (NS)
Livingston: KETX 92.3 FC to CD Country (&
New Ulm: KMIA 92.3 NO-GE
Paris: KBCV 89.3 6 kW, 354 ft., CC (NS)
Pasadena: KFTG 88.1 FC to s.Gospel // KJIC
Pittsburg: *NS 96.9 6 kW, 328 ft.
Plainview: KBAH 90.5 CC (NS)
Rockport: KBTE 102.3 CC (ex KZJM), RA with
dance-CHR "The Beat" (Corpus Christi)
San Angelo: *NS 102.7 20 kW, 367 ft.
Seadrift: KMAT105.1 NO-RE
Shamrock: KRMM 92.7 NW, soft AC
Three Rivers: *** 100.9 PA: add class A
Wake Village: *NS 92.5 6 kW, 328 ft.
Winters: *NS 96.1 6 kW, 328 ft.
Zapata: KBAW 93.5 CC (NS)

UTAH:

Logan: *NS 89.5 800w, -617 ft.
Midvale: KQMB102.7 PG< 25.5 kW, 3736 ft
XG: 40-39-35 / 112-12-05
Monroe: *** 99.3 GA: add class C2
Price: KARB 98.3 adds Radio 1 country (&
Randolph: *NS 102.3 480 w, 1128 ft.
Richfield: KRFD 97.5 31.7 kW, 3027 ft., CC(NS)

VERMONT:

Johnson: WJSC 90.7 PG> 200 w
Putney: *NS 91.9 AF

VIRGINIA:

Cape Charles: *NS89.1 AF
Crewe: WKJS104.7 FC to urban AC (Richmond)
Emporia: *NS 89.3 AF
Falmouth: *NS 104.5 6 kW, 328 ft
Jonesville: *NS 99.1 6 kW, 213 ft.
Lynchburg: W208AP 89.5NS-10w: WVTF 89.1
Manassas: WJFK106.7 PG> 50 kW, 462 ft, DA
XG: 38-53-13 / 77-12-03
Mathews: *NS 89.1 AF
Nassawadox: *** 98.3 XA: add class A
Norfolk: WNSB 91.1 PG< 8.1 kW, 433 ft
XG: 36-46-32 / 76-23-11

Petersburg: WSOJ100.3 FC to urban (Richmond)
Petersburg: WVST91.3 NC to 2.2 kW (v), 167', RE
Pound: WDXC102.3 adds WW1 country (&
Ruckersville: WVSJ101.9 adds Jones soft AC (&

WASHINGTON:

Clarkston: KVAB102.9 NW, WW1 soft AC (&
Eatonville: KKBY104.9 FC to urban "Y-104.9"
Edmonds: KCMS105.3 PG< 50 kW, 1289 ft
XG: 47-32-40 / 122-06-26

Ephrata: KULE 95.9 NC to 92.3 - C2, 20 kW, GE
Moses Lake: KMLW88.3 LC
Naches: *NS 99.3 130w, 2083 ft.
Ocean Shores: *** 93.5 GA: add class A
Shelton: *NS 94.5 660w, 987 ft.
Yakima: KYPL 91.1 NO-RE

WEST VIRGINIA:

Petersburg: WAUA 89.5 NW, news.classical.jazz
Salem: *NS 103.3 3.3 kW, 443 ft.

WISCONSIN:

Barron: *NS 97.7 3.3 kW, 446 ft
Berlin: WISS 102.3 NC to 104.7, 1.5 kW, RE
DeForest: *NS 93.1 6 kW, 328 ft.
Siren: *NS 105.7 6 kW, 328 ft.
Sister Bay: WAQB 89.7 CC (NS)
Superior: *NS 88.5 AF
Wautoma: *NS 102.3 6 kW, 151 ft.
Wentworth: *NS 88.1 AF
Whiting: WYTE 96.7 XC: 44-38-33 / 89-51-24

WYOMING:

Casper: KQLT 103.7 PC< 96.6 kW, 1860 ft
XC: 42-44-37 / 106-18-31
Green River: *NS101.5 100 kW, 1138 ft
Jackson: *NS 93.3 100 kW, 1069 ft.
Pinedale: KPIN 101.1 NW, oldies/country
Thermopolis: *NS 98.3 AF

U.S. TERRITORIES:

AMERICAN SAMOA:

Pago Pago: *NS 93.1 500w, -325 ft.

PUERTO RICO:

Carolina: WVOZ107.7 CC (ex WAHQ)

VIRGIN ISLANDS:

Charlotte Amalie: WARD 93.1 CC (NS)



CANADA

ALBERTA:

Calgary: CJSI 88.9 PG< 19 kW "Shine 89"
Canmore: CJMT 106.5 CC (ex CFHC), FC to
adult contemporary, QC from 1450
Medicine Hat: CJCY1390 QG to 96.1 - 100 kW
Taber: CKTA 1570 wanted to move to 1090
and add 92.7 - 42 w. This was DENIED

BRITISH COLUMBIA:

Castlegar: CKQR 760 QG to 99.3 / 333 w
also granted 104.1 / 19.9 w relay in Trail
Ft.St.John: CHRX 98.5 FC to hot AC "Energy 98.5"
Revelstoke: *NS 97.1 12.6 w, tourist station
Vanderhoof: CIRX-1 95.9 granted permission to
originate programming (new calls coming?)

NEW BRUNSWICK:

Big Cove: CFTI 101.5 QG to 101.1, PG> 50 w
Edmunston: CJEM 570 QG to 92.7 - 40,750 watts
AM relay CKMV will be deleted if the new FM
coverage is adequate.

NORTHWEST TERRITORIES:

Iqaluit: *NS 89.9 10 w

NOVA SCOTIA:

Antigonish: *NS 98.9 1.9 kW, // CJFX 580, will
replace that AM station in the year 2004.

ONTARIO:

Burlington: CING 107.9 FC to mainstream CHR
Chatham: CFCO 630 wants 94.3 / 50 kW to
simulcast, not replace, the AM
Kingston: CBCK107.5 changes from relaying
CBC 1 CBL Toronto to CBO 91.5 Toronto
Lindsay: CKLY 910 PG to 91.9 - 14 kW
N.Liskeard: CJTT 1240 QG to 104.5 - 10 kW
Penetanguishene: *NS 89.7 2.8 kW, // CBL 99.1

QUÉBEC:

Armagh: CFIN 103.9 PC> 1390 w.
Chicoutimi: CBJE 107.9 QG to 102.7, PG<30 kW
Lenoxville: CJMQ 88.9 PG> 500 w.

YUKON:

Lower Post: CHON98.1 granted relay here, 3 w

• Thanks to M Street Journal for another year of helping out the WTFDA!! Most of the items in this column come from that publication. Write M Street at the address in this column's masthead for subscription information. Thanks also to the other people who contributed this month, including Saul Chemos, Doug Smith, Bruce Elving of FMedia!, Chip Kelley, Frank Aden, and Dennis Park Smith.

(continued on page 26....)

• There is another update to last month's story about 102.3 in the Corpus Christi market. Recall that the station recently returned to the air with a dance format as KZJM "Jams". Rival station KZFM 95.5 brought them to court, for using that slogan, which KZFM has used for quite some time now. The station went dark in the interim. The station was finally cleared to come back on the air on February 14th at noon only to be knocked off the air only 6 MINUTES later by a wind gust of 65 mph!! (Talk about bad luck, hi). The station has finally returned to the air for good, this time as KBTE "The Beat". They are restricted to using the "Jamz" slogan only eight times per day.

• The Z-Spanish network has been operating its fast growing "La Zeta" Spanish station format since 1992 from its base in Sacramento, Calif. The network is debuting two new Spanish language formats: "La Buena", which features traditional Regional Mexican music, and "La Bonita", which plays "romantic" Spanish Adult Contemporary. All of this is in conjunction with the Jones Radio Network. Both of these new networks are expected to add several stations shortly.

• Another new proposal to the FCC to create a new class of low-power FMs, this time from TRA Communications Consultant Rodger Skinner. To combat the consolidation of radio station ownership groups, Skinner proposes a "Class D" community license type of station that could go up to 3 kW & 328 ft, providing coverage for up to 15 miles (this is more aggressive than the RM-9208 proposal of a few weeks ago, which would only allow 1 watt at 50 feet HAAT). Skinner also suggests that the owner of a group would have to live within 50 miles of all their stations. (Think how many stations some companies would have to sell!) There is more information on the Internet at <http://www.concentric.net/~radiotv>.

• Several updates from Southern California were sent by Dennis Park Smith. First, the local pirate in Santa Barbara, "KPRV" has been bumped off both 107.7 & 102.3 by legitimate signals. After a few days drifting around 90.5 & 90.3, they ended up on 88.1. After late January, however, KRPV has not been heard at all ... On a trip to Wasco, Calif., Dennis noted KPRX 89.1 Bakersfield, off the air, but not really: They were on the air rebroadcasting noise. This station relays KVPR 89.3 Fresno. Apparently, when KVPR signed off, KPRX's x-mtr stayed on the air. Dennis wonders if the FCC does anything about

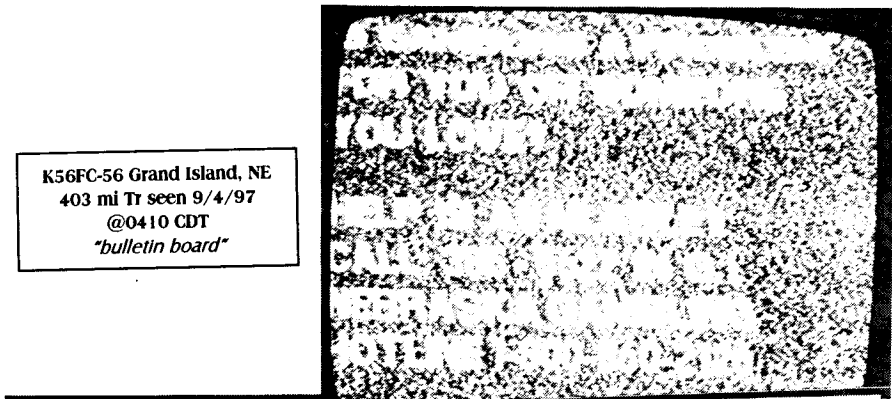
THUNDER 95.9
CONTINUOUS NEW COUNTRY

Jeff Kruszka, Editor
 5024 S. Braxton Ave.
 Baton Rouge, LA 70817
 JTKruszka@worldnet.att.net

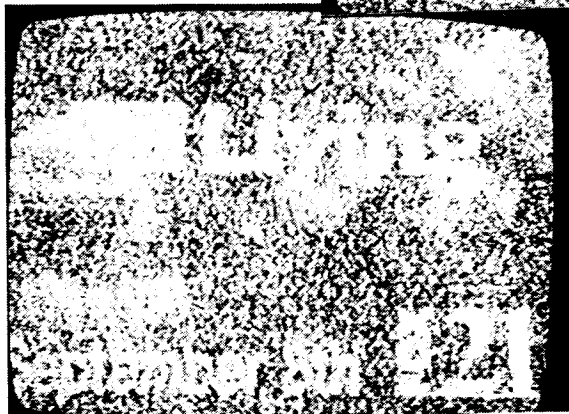
April 1998

Now more awesome E-skip from Danny Oglethorpe, Shreveport, LA:

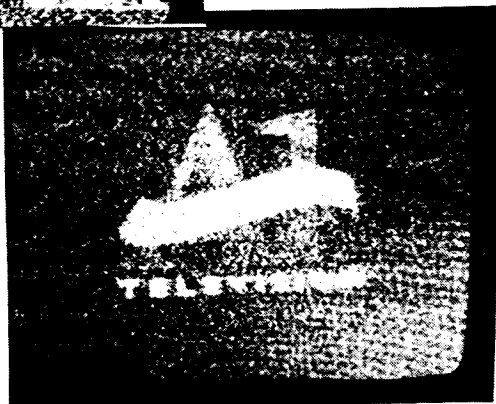
Here's the rest of the photos from Jeff Kadet, Macomb, IL:



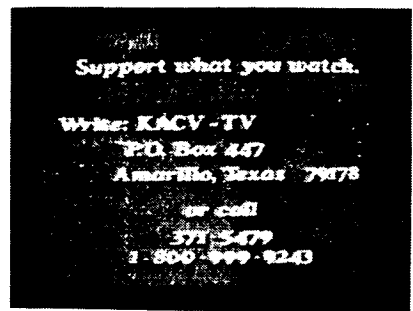
K56FC-56 Grand Island, NE
 403 mi Tr seen 9/4/97
 @0410 CDT
 "bulletin board"



W69CN-69 Bryson City, NC
 527 mi Tr seen 9/4/97
 @0145 CDT
 "xltr of WHNS-21 Asheville"



W55BJ-55 Jasper, AL
 492mi Tr seen 9/18/97
 @0129 CDT
 "America One network"



KACV-2 Amarillo, TX
 501 mi Es seen 6/24/97
 @ 2159 CT

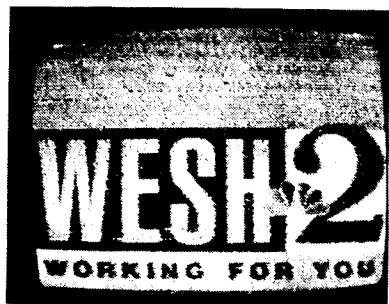
KTVQ-2 Billings, MT
 1215 mi Es seen 6/25/97
 @2000 CT
 "Q2"



KNOP-2 North Platte, NE
 717 mi Es seen 7/2/97
 @1815 CT

KTWO-2 Casper, WY
 996 mi Es seen 7/2/97
 @1850 CT
 "K2"





WESH-2 Daytona Beach, FL
789 mi Es seen 7/16/97
@1000 CT



WDTN-2 Dayton, OH
735 mi Es seen 7/16/97
@1100 CT

The rest of Danny's photos next month, including El Salvador!

73's, Jeff

TIME FOR YOU TO RENEW?

PLEASE NOTE THE NEW CLUB ADDRESS:

WTFDA,

PO BOX 501,

SOMERSVILLE, CT 06072-0501

NORTHERN FM-DX

GREG CONIGLIO
90 SLATE CREEK DR. APT #3
CHEEKTOWAGA, NEW YORK 14227

e-mail: coniglio@localnet.com

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
APRIL 1998 DEADLINE: The 5th LOG CUTOFF: 3 mos. from postmark

Not too much DX going on, apparently, even with the relative warmth of "El Nino" in the east. Hopefully things will pick up soon. I want to take this opportunity to thank Mike Bugaj for agreeing to handle the club mail duties, and the MAILBOX column. We're sure he'll do a great job! And thanks to Dave Nieman for agreeing to host the WTFDA Convention this year. I'm already looking forward to that weekend in Olean! ...

DAVE NIEMAN - HO STA GEH ROAD - ROCK CITY NEW YORK 14749

Equipment: Carver TX-11 tuner; IF filter modified. Channel Master model 4408 (Stereo Probe 9) at 39 feet AGL on a Alliance HD-73 rotor. Winegard FT-7600 variable FM trap for 95.7MHz, Belden RG-11/u coax feed.

New loggings are underlined.

JANUARY 1998 DX

3 tropo
1331 {WOLF} 96.7 NY Oswego, call, t\$,
ex WZOS 146

FEBRUARY 1998 DX

1 troposcatter
1010 WMGH 105.5 PA Tamaqua, call+
"Magic-105.5", e\$, (Sunday
morning programming) 152
1200 WKHS 90.5 MD Wor ton, ID, p\$, 226
14 Groundwave
1400 W220BU 91.9 PA St. Mary's, g\$,
WCID 89.1 ID 43

FEBRUARY 1998 DX

20 Meteorscatter
1438 KEEZ 99.1 MN Mankato, "Z-99", r\$, 814
21 troposcatter
0804 {WXGD} 105.1 MI Detroit, "105 dot 1..The
Edge", p\$, ex. WQRS 243
0914 WQHQ 104.7 MD Ocean City,
"Q-105", r\$, 301
1038 WCMU 89.5 MI Mt. Pleasant,
"CMU radio", j\$, 336
1041 WCML 91.9 MI Alpena, //WCMU 89.5 357
1100 WQBX 104.9 MI Alma, ID, r\$, 325
1237 WPQR 99.3 PA Uniontown, "Soft hits 99"
"Q-99 & 1340 WCBI", rm\$, 161

Dave

MORE FM NEWS

• Danny Oglethorpe sends an item from the January 24th *Shreveport Times* about a new station signing on to serve that market. KSYR 95.7 (Minden) has signed on with an "adult contemporary" format. The original target date was last November, but the station ran into problems: The original tower that was built for KSYR, located atop a hill in Filmore, would not support the antenna! The station had to end up building a new tower 826 ft. away from the original. This meant reapplying to the FCC for the new location. The station has finally gotten over all of these problems, and is currently on the air. Thanks for the kind words, Danny, and for the article!

• Dennis Smith sent a quick update, noting that he has still not solved the "Radio Nueva Vida" mystery on 98.7. He originally thought it might be K254AH, relaying KMRO 90.3 instead of KPFFK 90.7. However, a one second delay noted on other translators of KMRO was also noted on the 98.7. This would tend to suggest that the 98.7 signal is realying either another translator of KMRO, or off satellite, but not directly off 90.3. Hopefully we can figure this one out! Dennis also noted a little bit of tropo recently, picking up "Pure Country Kick FM" on 94.3. FM Atlas lists KIKF San Fernando and KYKF Garden Grove (Orange Co.). Later, Dennis noted the KIKF calls, but only Garden Grove/Anaheim/Los Angeles mentioned. Dennis, I can't find records of this right now, but I seem to recall the San Fernando station going off and doing its own format, leaving only KYKF to the country format, this happening after Bruce's press time on the FM Atlas. Maybe after this happend, KYKF grabbed the KIKF calls? I know they used to simulcast, but I'm don't think they do now.

Southern FM DX

Table of radio stations including call signs, frequencies, and locations such as BCN Mexicali, Los Angeles, San Luis Rio Colorado, etc.

24

April 1998

For me at least, a record amount of FM Es for December in some 25+ years of tracking this. Levels continued high on into January...



Fernando Garcia San Salvador 415 Rincon de la Sierra Ciudad Guadalupe, NL, 6781, Mexico fertrtd@sdm.net.mx CST

Sony STR6046A w/CM-1110 at 30', Pioneer KE2700QR car stereo

Log of radio stations with columns for date, call sign, frequency, and location, including entries like 0650 KESO, 0735 WJDX, etc.

Southern FM DX

Garcia continued 3/7 loggings third day in a row with tropo opening to SE, no TV DX due to overcrowded VHF channels...

Shel Remington - NI6E Box 1222 Kea'au, HI 96749 (808) 967-7955 W-SU, (808) 929-8054 M-Tu hawaiiidx@gte.net

(editor's note: Shel's report doesn't quite conform to normal SFM style, but considering the nature of it, I've decided to print it as submitted...)

I'm ecstatic to report to you the news of an unprecedented VHF tropo ducting event. For the first time the Pacific duct from Hawaii to North America has been shown to extend to the mainland of Mexico...

My location is 2,600' above sea level and 17 miles up the slopes of Kilauea Volcano from the ocean (for signals coming from North and Central America) in the SE part of the Big Island of Hawaii...

At 0421 UTC 2/13/98 I made a routine daily spotcheck at sunset here, checking 24 selected empty frequencies across the FM band. One of these, 89.5, had been on the list since June 1995...

Back to the headphones - I don't understand much SS, so I made sure to tape all announcements. This 89.5 was distinctive, with frequent non-IDs as "Spacio FM" by an energetic male DJ...

April 1998

Fading was extremely slow (several minute cycle), typical for these trans-Pacific ducts, with no indication that an ionospheric linkup was involved; this had to be pure tropo. At 0445-0452 the 89.5 signal dipped below the noise floor...

While 89.5 was strong, I did another full bandscan around 0502 UTC, which yielded no further DX signals. But a third try, around 0534, disclosed two weak ones, 92.9 with standard Mexican music, and 90.3 with old US soft rock...

The 92.9 signal, luckily, stayed mostly readable despite buckshot from a local on 92.7 across the 0600 hour (midnight in Mexico), during which it emitted a full, lengthy ID, caught on tape: "XHMZO, noventa y dos nueve megahertz, cincuenta mil watts de potencia..."

This opening was immediately (as it was ending around 0615) phoned to KH6F00, who put it out on the Internet via the VHF reflector. Among the flood of responses was e-mail from Fernando Garcia, ace DXer of Mexico...

89.5 XHME Puerto Vallarta, Jalisco 10kw (97 FMA shows 4.7kw) 90.3 XHPVA Puerto Vallarta, Jalisco, unknown power (station not in 97 FMA) 92.9 XHMZO Manzanillo, Colima 50kw (no call sign shown in 97 FMA)

Rand McNally gives coordinates for the two sites. Puerto Vallarta is 20 degrees 37' N/105 degrees 15' W, and Manzanillo is 19 degrees 3' N/104 degrees 20' W. Accurate distance calculation will require transmitter coordinates...

As mentioned earlier, I had a similar 89.5 mystery in 1995 June 23-26, then calling itself "Estereo Amistad." Over an hour of taped highlights sit in my archive. Mostly it was the only DX audible here on those dates...

From the Editor



Wouldn't it be nice to be stateside with 93 open frequencies, like Shel has in Hawaii! Some great catches from our 3 reporters this month.

Southern FM DX

FROM the Editor continued

If you're online, hope you took note of the mention last month of the IRC chat Tuesday and Friday evenings. It's great to carry on real-time conversations across the miles with some great DXers. Download the software and get in on the fun! And many thanks to Mike Bugaj for coordinating it.

FM DX Web is up and running, so check it out! It'll be changing constantly as DX conditions change, so be sure to bookmark it. You'll find such features as info on WTFDA, this column, Bill Hepburn's tropo forecast, info on openings in progress, and a Mexican FM log (by frequency). FM DX Web is at <http://members.aol.com/mdxweb>.

See y'all next month!



KSAN 94.9 fm

FMNEWS (...continued from page 17)

APRIL 1998

things such as this ... Dennis has been hearing an unID on 98.7, "Radio Nueva Vida". This is a station relaying KMRO 90.3. Can't figure out where this was coming from. Speculation was that it could be a translator in Isla Vista, Calif., but a trip to that area did not reveal anything. Let us know if you figure it out, Dennis! .. Dennis mentions quite a bit of rain and wind due to the El Niño weather patters this winter: not much chance for tropo I guess! Dennis has another question: he notes that he can hear adjacent channel DX catches **BELOW** a local easier than he can DX **ABOVE** his strong local signals. Maybe some of the more technical people in the club can address this better, but I thought I was told once it was at least partially due to there

being more "stuff" above the station signal, stereo carrier, SCS, etc. Every tuner I have had has displayed the same phenomenon. Also, Dennis has found an area just west of the town of Goleta, where the "knife-edge refraction" effect off local mountain ranges produces strong signals from San Luis Obispo, in only about a 1/2 to 1 sq. mi. area. The signals aren't heard anywhere else! Dennis was able to get some new loggings from this area, as this is close to his QTH. The above two items are quite interesting - they would probably make good topics in the **MAILBOX** column!

• Frank Aden writes with some disturbing news: a worker at the site of KJOY / KKIC-AM / KGZH in metro Boise was electrocuted on Feb. 23rd. KGZH 98.7 had been off air since the incident, at the time of Frank's e-mail.

TORONTO BLUE JAYS 1998 FM NET

CKLY	91.9	ON	Lindsay (QG from 910)
CKNR	94.1	ON	Eliot Lake
CIMG	94.1	SK	Swift Current
CKCB	95.1	ON	Collingwood
CKDY	103.3	NS	Yarmouth
CJQM	104.3	ON	Sault Ste. Marie

EASTERN TV DX

April, 1998

Russell Miller
 HC 61, Box 86B
 N. Amity, ME 04471-9622
 email address - estvdx@ainop.com

LOCAL TIME UNLESS OTHERWISE NOTED

I am sure many of you are aware of what a great antenna the CM Quantum 1110 is. Especially in its ability to null undesired signals. Unfortunately, CM has decided to discontinue this model. There are still some to be found scattered about at various suppliers. Jim Ayers has access to four 1110's through his supplier. Jim says to let him know if you want one while they last.

Bob Seybold 1865 W. Main Rd., Silver Creek, NY 14136

January 31 evening into February 1, 1998

Tr	WYCC	20	IL	Chicago
	WFLD	32	IL	Chicago
	KRIN	32	IA	brief Waterloo
	WTVO	17	IL	Rockford
	WIFR	23	IL	Freeport
	WNDUTV	16	IN	South Bend
	WSBTTV	22	IN	South Bend
	W15AM	15	MI	Grand Rapids
	WXMI	17	MI	Grand Rapids
	WOTV	41	MI	Battle Creek
	WPXU	43	MI	Battle Creek
	WTLJ	54	MI	Muskegon
	WUCMTV	19	MI	Saginaw
	WSYMTV	47	MI	Lansing
	WLAJ	53	MI	Lansing
				Other signals too weak to ID

Comments: Had surprise tropo opening on evening of Jan 31 into morning of Feb 1. Some of the signals were quite weak but couldn't tell for sure due to antenna damage caused by iceing from recent storm. Do not expect much DX til Spring season. (Editor: If anyone notices I used incorrect calls just Holler. I haven't kept up with all the changes past couple years. Thanks)

Bob Seybold 1865 W. Main Rd., Silver Creek, NY 14136

February, 1998

26 Tr	CHWI	16	ON	Wheatley
	CFTOTVX	21	ON	Orilla
	CBLNTV4	45	ON	Wingham
				(Closer Canadians above normal signals)
27 Tr	0600-0800			
	WUCXTV	35	MI	Excellant
	WSMH	66	MI	Flint
	CHCH-3	67	ON	Muskoka

27 Tr	CFMTTV2	60	ON	Ottawa
	CITY	65	ON	Ottawa

Comments: Other Canadians N, NW, NE in good. Toledo U's including LPTV's in good. There has been some other spotty tropo not logged, above normal signals for this time of year. Weather patterns continue to allow better than normal tropo and I expect this to continue.

Editors Report

February, 1998

08 Ms	0456	CFPL	10	ON	689
					(Slide (CFPLTV CHWITV CKNXTV)
09 Ms	0308	CKCO	2	ON	646
12 Ms	0750	WBAY	2	WI	
	0755	CTV	2	ATV	
					Strong many times
	0841	WJBK	2	MI	792
13 Ms	0319	Unid	10	"10 ALMANAC" (wx)	
15 Ms	0506	WGRZ	2	NY	550
					Buffalo in Sync bar mixing w CTV
	0618	WKTV	2	NY 3/4's	411
					"WKTV-2 KEJ59" (?)
					"UTICA - NY"
	1425	WGRZ	2	NY	550
					WGRZ-TV in Sync Bar
16 Ms	0234	CKCO	2	ON 3/4's	646
					"CKCO" tiny "CTV"
	0545	KDKA	2	PA	718
	0559	WGRZTV	2	NY R/S	550
					Calls - Buffalo Peacock 2 Logo
17 Ms	0312	ABC	8	World wx	
	0629	WGRZTV	2	NY mixing with WJBK	
	0554	WDTNT	2	OH Weather	
22 Ms	0759	WGRZTV	2	NY	550
23 Ms	0324	WUND	2	NC	816
24 Ms	0600	WGRZTV	2	NY Strong	550
					(WGRZ-TV switching to Buffalo in Sync bar)
26 Ms	0633	WGRZTV	2	NY	550
	0735	WJBK	2	MI	792
27 Ms	0548	WGRZTV	2	NY	550

Comments: Sometimes, I can't help but feel that WGRZ TV switches calls and Buffalo in their sync bar for my sole amusement. After doing a little research, I believe the zilched frames Roy Barstow noted in last months report are simply phase fading. This is caused by signals arriving from different sections of the meteors ionized trail.

WESTERN TV-DX

April 1998

Dennis Park Smith, 3703 Dixon Street, Santa Barbara, CA 93105-2419 (805) 687-7803

This report is for February 1998. There was some Es on Feb. 11, chs. 2-4. It was first noted at approx. 1650. As usual, it was not strong or stable enough on my mediocre equipment for IDs. It was still in at 1730 when I had to leave.

There was almost no tropo noted along the southern California coast, as the air was constantly stirred up by subtropical El Niño-powered winter storms Feb. 11-23 with the most rain on record for a month here. There was no chance to settle into stable air layers for tropo ducting until Feb. 28, and then it was very poor. March 1 was poor to fair.

Best of DX to All. Dennis

Jeff Kruszka, 5024 S. Braxton Ave., Baton Rouge, LA 70817

Equipment: 1992 Zenith "Sentry 2" 13" color TV, Channel Master 4228A screened 8-bay w/RDX Labs UA-900 preamp for UHF, Channel Master 1114 Crossfire w/RDX Labs UA-702 preamp for VHF, both at 20 ft. AGL.

February 1998	CST
11 Es 1730 KDLT 5 SD "Save big money at Menard's" ad	
24 tr 2212 WFTX 36 FL MASH	1620
2227 WTGL 52 FL Worship	645
2304 WKCF 18 FL Cops 575	
2311 WBSF 43 FL HSC/WCCCL-49 655	
2313 WOFL 35 FL Orlando ad, Fox 35 600	
2315 WRBW 65 FL "Vibe", weak 600	
2326 WFTS 28 FL Nightline 550	
2330 W48BC 48 FL Destin tourist promos	280
2337 WFSG 56 FL	
completely overriding local TBN!	325
2338 WACX 55 FL TBN 565	
2348 WTEV 47 FL LAPD, ID 560	

Victor Frank
12450 Skyline Blvd.
Woodside, CA 94062-4541
e-mail frank@sneezy.srl.com
(650)851-7031

2351 WJXX 25 FL local wx;	
heavy CCI from WXXV 565	
2357 WAWS 30 FL Strange Universe, ID	565
25 tr 0005 unid 39 w/Worship to E.	
0006 WTWC 40 FL NBC, Conan 405	
0008 W41BN 41 AL TBN 340	
0010 to bed	

Really only one productive day in February, but it was a dandy opening. Too bad it was a work night. It seems like it's been a while since I've gotten Jacksonville. The last time I logged 47, the calls were WNFT. 73s

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

February 1998	UTC
09 tr 1705 KENS 5 TX	347
11 Es 0003 KNAZ 2 AZ	1045
2210 WJBK 2 MI	904
2212 unID 2 ON CTV	
2248 WDIV 4 MI	904
2256 WDTN 2 OH	735
2315 KDKA 2 PA	945
2318 WCMH 4 OH	795
13 Es 0150 unIDs 2,4 XEW, XHGC-5	
14 Es 2230 XHG 4 JAL	1003
2302 XHFM 2 VER	950
unIDs 2, 4, 5 Mexico	
18 Es 1705 KNAZ 2 AZ	1045
1727 KCBS 2 CA	1420
1731 unID 2 KTVK-3 logo tapes	
unIDs 2, 4, 5 Mexico and US	
20 tr 1515 San Antonio 41,60	347
24 Es 0220 unID 2 XEW	
XHAGU 2AGU XEQ	896
tr 1545 Valley 7,9	
1630 San Antonio 4, 5, 9	347
KGNS 8 TX	481
25 tr 0040 KZTV 10 TX	385
Valley 4, 5, 7, 9, 23	

Western TV DX (D. Oglethorpe's report cont'd)

0108 San Antonio 4, 5	
0620 KEDT 16 TX	385
0625 XHFOX 17 TA	513
0628 KORO 28 TX	385
0650 Oklahoma City 4, 5, 9	
1520 WTV 9 MS	319
27 tr 1508 K???-LP 27 LA Pleasant Hill	50
28 Es 0050 unIDs 2 XEW, TV Azteca	
March 1998	UTC
03 Es 0035 unID 2 XEW	
1515 unID 2 XEW	
1655 KXMA 2 ND	1110
2345 unID 2 XEW	
XEWt 2 DF Note #1	
04 Es 0005 XHTV 4 DF	958
08 Es 0029 unIDs 2 Mexico and US	
0129 KNOP 2 NE	717
KDUHt 4 NE	

Note #1--These two XEW carriers caused the audio to have an echo effect because the audio of one was a split-second behind the other.

Pat Dyer, WA5IYX, 5315 Silvertip Drive, San Antonio, TX 78228-2744 pjdyer3@juno.com

Equipment: NEW JVC HR-J400U VCR, Winegard CA-5254 VHF at 18' AGL; Antennacraft Y5-2 5 element channel 2 Yagi at 11' AGL; Antennacraft P-5 chicken-wired dish at 25' AGL (to feedpoint). All on rotors and RG-6.

February 1998	UTC
14 Es 2315 unIDs 2-4 heavy into Mexico to 0325	
18 Es 1438 KDLO 3SD Florence	
1452 KGAN 2 IA Cedar Rapids	
1455 WSIL 3 IL Harrisburg	
1535 KNOP 2 NE North Platte	
1559 KWGN 2 CO Denver	
1729 KUTV 2 UT Salt Lake City	
1836 KNAZ 2 AZ Flagstaff	
1839 KVBC 3 NV Las Vegas	
1850 KTVK 3 AZ Phoenix	
1854 KCBS 2 CA Los Angeles	

Local channel 4 was hit several times with co-

channel interference (and perhaps channel 5). Any MUF excursions into the FM band might have been masked by the many strong in-state tropo signals.

March 1998	UTC
08 Es 0059 KGAN 2IA Cedar Rapids	
0058 WISC 3WI Madison	
0103 unIDs to 97.9 MHz	
0206 WBAY 2WI Green Bay	
0250 fadeout	
2059 WSJK 2TN Sneedville	
unIDs to ch 3	
09 Es 0000 WPBT 2FL Miami	

Fernando Garcia, San Salvador 415, Rincon de la Sierra, Cd Guadalupe, NL, 67181 MEXICO

Equipment:

Sony KV-27EXR15, Screened CM 7'dish 85', RG11, UA900 amp. Sony KV-13TR27, CM 1110 30', CM 8 bay UHF array 60'.

1800' ASL, No re-logs in the same month, only tropo 500+ miles.

February 4, 1998

0700 KLPB 24 LA Lafayette LPB, weak 567

February 8, 1998

0300 KADN 15 LA Lafayette Rel., (318) area ph code 586

0730 KVHP 29 LA Lake Charles ID, pr. A New Day (Rel.) 530

February 9, 1998

0530 KETK 56 TX Jacksonville NBC news 532

KFXK 51 TX Longview Sheperds's chapel 557

February 10, 1998

0545 Southwest Louisiana

0600 KRIV-26-TX Dense Fog, Temp. 51, Barometer 29.91

2100 WLAE 32 LA New Orleans Calls bottom right 694

WNOL38 LA New Orleans WB 694

WGNO 26LA New Orleans ABC 694

WCCL49 LA New Orleans HSN 688

2130 Signals gone

February 10, 1998

0400 Lafayette-New Orleans, Louisiana

February 14, 1998

0230 Southwest Louisiana

rare opening, as we had local rain

February 20, 1998

2000 WBHS50 FL Tampa HSN

Western TV DX (F. Garcia's report cont'd)

WTTA 38 FL St. Petersburg SAP	1116
2030 WWWB 32 FL Lakeland /K32ER	1135
WFTX 36 FL Cape Coral FOX //XHF0X-17	1142
WSCV51 FL Fort Lauderdale Telemundo, SS	1242
2045 WBFS 33 FL Miami \$, UPN logo bt. right	1242
WDZL 39 FL Miami Testing on SAP	1243
2100 New Orleans, Louisiana	
2130 WUPL 54 LA Slidell o/u XHVTV	705
WVLA 33 LA Baton Rouge NBC // KVEO-23	633
2200 Southwest Louisiana	
2230 WGMB 44 LA Baton Rouge o/ KLUJ	633
WLPB 27 LA Baton Rouge LPB	638
<u>February 21, 1998</u>	
0345 Lake Charles-New Orleans, Louisiana	
KWBJ-LP 39 LA Morgan City wx info. on audio	618
0400 Southwest Florida	
WFLX 29 FL	1238
WXEL 42 FL West Palm Beach	1238
WGCU 30 FL Fort Myers Educ o/ K30FF	1144
0415 WBBH20 FL Fort Myers NBC	1144
0530 All DX is gone	
<u>February 24, 1998</u>	
0030 Lafayette, Louisiana	
1845 Tampa-Fort Myers, Florida	
1900 WTVK 46 FL Naples Full ID, UPN	1153
WZVN26 FL Naples area adv, ABC 7	1153
WRXY 49 FL Tice Rel.	1142
West Palm Beach, Florida	
1945 New Orleans-Baton Rouge, Louisiana	
2015 WTGL 52 FL Cocoa Rel.	1200
WBSF 43 FL Melbourne HSN	1200
Jacksonville, Texas	
KLAX 31 LA Alexandria ABC // KAVU-25	618
2030 KTLT 18 LA Lake Charles LPB // chs 24, 27	548
2045 K59DG 59 LA New Orleans TBN // KLUJ-44	688
2100 Fort Lauderdale-Miami, Florida	
WBCC 68 FL Cocoa Educ.	1200
<u>February 25, 1998</u>	
0000 Tampa-Fort Myers-Miami, Florida	
W56CN 56 FL Venice // WWWB-32	1106
0030 Lafayette, Louisiana	
0045 ch 13 Cuba with Fidel Castro speech	
0100 WYES 12 LANew Orleans Calls, local out	693
ch 9 Cuba // ch 13	
0300 WFTS 28 FL Tampa ABC28, loc out	1116
0445 WPMI 15 AL Mobile o/u KADN	838
WAPT 16 MS Jackson ABC	754
WNTZ 48 MS Natchez o/KTMD and KNVO	670
Baton Rouge-Alexandria-New Orleans, Louisiana	

K56DR 56 LA Baton Rouge TBN	633
WIIQ 41 AL Demopolis SAP	877
WDBD 40 MS Jackson Full ID	754
WPAN53 FL Fort Walton Beach Shopping VCC	869
0500 WFSG56 FL Panama City SAP, strong	929
0600 W68CM 68 FL Panama City TBN	943
WMPV 21 AL Mobile TBN	842
WXXV 25 MS Gulfport FOX25	764
0615 WTEV 47 FL Jacksonville CNN Headline news	1179
WAWS 30 FL Jacksonville FOX	1179
WJEB 59 FL Jacksonville//KLUJ-44	1180
WEIQ 42 AL Mobile SAP	825
0630 WHNO 20 LA New Orleans Rel.	688
WHBR 33 FL Pensacola Rel. Word	838
0700 WACX55 FL Leesburg	1180
W69AY 69 FL Alachua//WACX-55	1128
WBSV 62 FL Venice weak	1107
WGFL 53 FL High Springs Xmen cartoons	
WRBW 65 FL Orlando weak	1192
2000 WYHS 69 FL Hollywood HSN	1242
WHFT 45 FL Miami u/o XHNAT	1244
WLTV 23 FL Miami u/ KVEO	1242
West Palm Beach-Naples, Florida	
WJAN-LP 41 FL Miami Spanish	1230
WIMP-LP 25 FL Miami Occult Psychics	1244

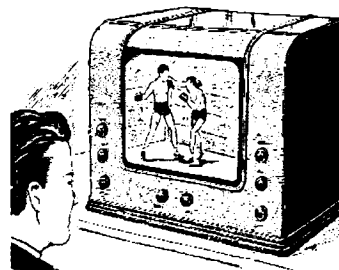
program confirmed by Chris S. Dunne.
it was mostly in color for 20 minutes

<u>February 26, 1998</u>	
0700 Jacksonville, TX weak, under cloudy skies in east TX	
<u>February 27, 1998</u>	
2230 Lafayette-New Orleans, Louisiana	
<u>February 28, 1998</u>	
0700 New Orleans, Louisiana	
0715 Mobile, Alabama	

February 98 is noted as best number of days out to 1200+ miles for a month of Feb. Last week of February openings were like Spring openings. Temperatures here were mid 80's to low 90's every day.

73's
Fernando

Short column this month. It's a bit early for F2 propagation of TV this far north--perhaps this coming fall. The summer Sporadic-E season, however, is less than a month away. Time to check out those antennas. Have a good season! Vic.



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August 1990	4
September 1990	4
October 1990	4
November 1990	2
January 1991	3
February 1991	4
March 1991	4
April 1991	3
May 1991	3
June 1991	4
July 1991	4
August 1991	3
December 1991	4
January 1995	6
February 1995	9

March 1995	7
April 1995	25
May 1995	15
June 1995	20
July 1995	15
August 1995	2
September 1995	10
October 1995	21
November 1995	5
December 1995	51
January 1996	47
February 1996	3
March 1996	79
April 1996	29
May 1996	41
June 1996	54
July 1996	75
August 1996	44
September 1996	84
October 1996	56
November 1996	88
December 1996	81
January 1997	67
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TV DX IN 1952

(Excerpts from a Radio-Electronics column by Ed Tilton (W1HDQ) published in January of 1953. Thanks to Randy Miltier of Ashland, Oregon for providing the information.)

Experienced tv dx observers and amateurs who watch the 50 mc (mHz) band for signs of dx all agree that 1952 was definitely subnormal in incidence of sporadic-E skip.

Nonetheless there were some outstanding reports.

TV dx observations come from some surprising places, some of them localities where there is no regular tv service. Observer L. A. Canning in Halifax, Nova Scotia is 400 miles from the nearest tv station, yet his log includes 44 stations in 36 cities. He is the holder of the Western Hemisphere dx record, having logged PRF-3, Sao Paulo, Brazil, in the summer of 1951.

During the height of an aurora borealis display on September 29, several Halifax dxers noted that the signal of WJAR, Providence, RI, channel 11, was strong on both sound and video, but the two could not be received simultaneously. This condition has been noted previously when selective boosters were used, but this time removal of the boosters

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made only slight improvement. If this was the result of auroral conditions it is the first time that aurora effects have been noted above 200 mc.

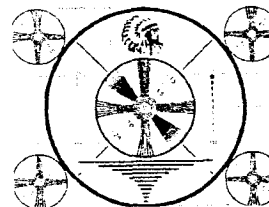
On September 5, a coastal inversion brought in signals from WBZ, Boston, 4; WNBT, New York, 4; WABD, New York, 5; WFIL, Philadelphia, 6; and WJAR, 11. Audio only was received from WCBS, New York, 2, bearing out the observation that tropospheric effects increase with frequency.

Several multiple-hop dx observations were reported during the summer peak. Leader in this department was Robert Royal of Red Bay, Alabama. Bob caught KRON (4) San Francisco, KING (5) Seattle, KSL (5) Salt Lake City, KOB (4) Albuquerque, KPHO (5) Phoenix, and KTLA (5) Los Angeles in a single evening.

Much more high-band dx was reported in 1952 than in previous years, largely as a result of the improved high-band performance of the newer receivers. Reports of tropospheric enhancement came from nearly all parts of North America and ranged from 200 to 600 miles distance. One observer, Robert McGough of Milwaukee, staggers us with KLAC, Los Angeles, 13 on June 12. We'd like to know more about this one, as it exceeds by several hundred miles the best amateur or tv dx ever reported on frequencies about 100 mc. It can happen, though, as 200 mc radar sets have picked up targets 1,700 miles distant.

TV dx is not without its humorous moments. To prove that most people don't understand or appreciate our hobby, Dan Samuels of Mt. Vernon, New York reports that when he called his next door neighbor to show off his reception of a Washington, D. C. station over 200 miles to the south, the only comment was, "Lot of snow on it, isn't there?"

Editor's notes: As a rule I am hesitant to copy 3-column text, however this particular piece scanned so well, and contains so much interesting information, that I think a try at re-printing it as it appeared in 1952 is worthwhile. So...since a lot of us do more squinting than we used to, haul out the magnifying glass and get ready to soak up the very best of the 1952 dx season and meet the 'observers' who made the report possible. Thanks again to Randy Miltier for sending this.



LIST OF OBSERVERS, 1952

Alaga, Frank, El Paso, Tex.
 Ambrose, G. W., Randallstown, Md.
 Amery, Gordon, Braymer, Mo.
 Ashcraft, Calvin E., Cooldige, Ariz.
 Baldwin, G. H., Hamilton, Ont.
 Bashta, William, Los Alamos, N. Mex.
 Bedrosian, Peter, Newburyport, Mass.
 Bente, Waldemar, Dennison, Ohio.
 Billings, R. A., Shiro, Tex.
 Canning, L. A., Halifax, N. S.
 Cantwell, William, Denver, Col.
 Carnes, P. C., Orangeburg, S. C.
 Collier, J. W., Arlington, Va.
 Conover, R., Stone Ridge, N. Y.
 Croy, John E., Dayton, Ohio
 DeGroat, F. E., Salamanca, N. Y.
 Dochak, Mike, Sudbury, Ont.
 DeGeer, M. W., Tulsa, Okla.
 Dempster, M. K., Tyndall, S. Dak.
 Duil, R. E., Washington, D.C.
 Edens, L., San Antonio, Tex.
 Elberburg, Columbus, Miss.
 Evans, L. M., Gaylord, Mich.
 Ferguson, G. A., San Antonio, Tex.
 Foyer, Joe, Westville, Ill.
 Gandolf, Jose, Preston, Oriente, Cuba.
 Garcia, Albor Otero, Varadero Beach, Cuba.
 Gerlein, James, Erie, Pa.
 Gienna, Quentin D., Carlisle, Pa.
 Golden, S. J., Oak Bluffs, Mass.
 Green, Vernon F., Saratoga, N. Y.
 Green, M. F., Casper, Wyo.
 Groves, A. L., Brooke, Va.
 Hall, E. R., Miami, Fla.
 Hammond, Clarence and Nina, Main, Ore.
 Hansen, Floyd, Waukegan, Ill.
 Hart, Wm. C., Washington, Pa.
 Hogan, Marvin H., Atlanta, Tex.
 Huckert, Mrs. Joe, Hereford, Tex.
 Henderson, Wayne, Schriber, Ohio.
 Kern, Roy, Scranton, N. Dak.
 Kindervater, John, Pottstown, Pa.
 King, Virgil, Springfield, Ohio.
 Kinney, Thomas A., Shelby, N. C.
 La Bella, Victor, Middletown, Conn.
 Landeck, John, Bensenville, Ill.
 Lowther, G. W., Alexandria, Ind.
 McGough, Robert, Milwaukee, Wis.
 McKinney, J. J., Indianapolis, Ind.
 McLaughlin, C. F., Birmingham, Ala.
 McPherson, Ross, Woodstock, Ont.
 Markie, Leonard, Greenfield, Ill.
 Maverick, Joseph, Monessen, Pa.
 Mays, A. J., Detroit, Okla.
 Manning, Walter, Milwaukee, Ore.
 Matullo, Louis, Washington, Pa.
 Merkle, Bob, Detroit, Mich.
 Meyer, Sgt. Danile, San Marcos, Tex.

JANUARY, 1953

Dx Reports by Station and Channel

Channel 2, 54-60 mc; 11 stations, 301 reports

KPRC, Houston, Texas	114	WCBS, New York City	24
CMQ, Havana, Cuba	32	WSB, Atlanta, Ga.	22
WMAR, Baltimore, Md.	28	WJBK, Detroit, Mich.	21
XEW, Mexico City	25	KXNT, Los Angeles, Calif.	7
WFMY, Greensboro, N. C.	25	KTSL, Hollywood, Calif.	2
		KSXBS, Chicago, Ill.	1

Channel 3, 60-66 mc; 7 stations, 84 reports

KMTV, Omaha, Neb.	23	WBTV, Charlotte, N. C.	13
WTMJ, Milwaukee, Wis.	14	WKZO, Kalamazoo, Mich.	11
WPTZ, Philadelphia, Pa.	11	WDTV, Pittsburgh, Pa.	5
		WLWC, Columbus, Ohio	4

Channel 4, 66-72 mc; 30 stations, 258 reports

CMUR, Havana, Cuba	35	WHBF, Rock Island, Ill.	7
KRLD, Dallas, Texas	31	WNBW, Washington, D. C.	7
WKY, Oklahoma City, Okla.	30	WLWT, Cincinnati, Ohio	6
WMBR, Jacksonville, Fla.	17	WRGB, Schenectady, N. Y.	6
WTVJ, Miami, Fla.	17	WSM, Nashville, Tenn.	6
WTCN, Minneapolis, Minn.	15	WKBK, Chicago, Ill.	6
XHTV, Mexico City	14	KOB, Albuquerque, N. Mex.	5
WTAR, Norfolk, Va.	14	WBEN, Buffalo, N. Y.	4
WOAI, San Antonio, Texas	13	WNBK, Cleveland, Ohio	4
WOI, Ames, Iowa	13	KRON, San Francisco, Calif.	4
WMCB, Memphis, Tenn.	13	WWJ, Detroit, Mich.	4
WDAF, Kansas City, Mo.	12	KSNB, Los Angeles, Calif.	3
WBZ, Boston, Mass.	12	WAVE, Louisville, Ky.	1
WNBT, New York City	9	XELD, Matamoros, Mex.	1
WBRC, Birmingham, Ala.	8	WGAL, Lancaster, Pa.	1

Channel 5, 76-82 mc; 19 stations, 80 reports

WBAP, Ft. Worth, Texas	23	KSD, St. Louis, Mo.	2
CMQ, Havana, Cuba	10	WSAZ, Huntington, W. Va.	2
WOC, Davenport, Iowa	7	WBYR, Syracuse, N. Y.	2
KTPS, St. Paul, Minn.	7	WABD, New York City	2
WTFG, Washington, D. C.	5	WAGA, Atlanta, Ga.	2
KYYL, San Antonio, Texas	5	WAVE, Louisville, Ky.	1
WNBQ, Chicago, Ill.	4	WEWS, Cleveland, Ohio	1
KTLA, Los Angeles, Calif.	3	KING, Seattle, Wash.	1
KPHO, Phoenix, Ariz.	2	KSL, Salt Lake City, Utah	1
		KPIX, San Francisco, Calif.	1

Channel 6, 82-88 mc; 11 stations, 57 reports

CMQ, Havana, Cuba	20	WTVR, Richmond, Va.	3
WDSC, New Orleans, La.	10	WHAM, Rochester, N. Y.	3
KOTV, Tulsa, Okla.	7	WOW, Omaha, Neb.	3
WTVN, Columbus, Ohio	5	WFIL, Philadelphia, Pa.	2
WFBM, Indianapolis, Ind.	3	WNHC, New Haven, Conn.	1

Milott, Dan, Louisville, Ky.
 Mulligan, Eldon, Ottawa, Ont.
 Nichols, Dan, Mason, Mich.
 Oberlo, G. P., Richmond, Va.
 Patrick, M. C., Abilene, Tex.
 Penc, Stanley, Utica, N. Y.
 Randall, John W., Hanover, Mass.
 Rees, Mackworth G., Naples, Fla.
 Richards, Warsaw, Ind.
 Robins, Howard L., Tampa, Fla.
 Royal, Robert, Red Bay, Ala.
 Runnells, R. J., Ottumwa, Iowa.
 Sagel, Leslie, Wildwood, N. J.
 Samuels, Dan, Mt. Vernon, N. Y.
 Schmidt, Harry, Markham, Ont.
 Seay, J. Chester, Dothan, Ala.
 Sinkin, Gordon, Orlando, Fla. and
 Arlington, Calif.
 Sloan, S. W., Braden Castle, Fla.
 Stanek, John A., New Kensington, Pa.

Storie, Clarence A., Tulsa, Okla.
 Smith, Clarence L., San Antonio, Tex.
 Smith, B. L., Sundown, Tex.
 Tisdale, J. W., Tulsa, Okla.
 Tisdale, J. W., N. Little Rock, Ark.
 Van Sandt, R. L., Ft. Worth, Tex.
 Vanderstel, Paul, Muskegon Heights, Mich.
 Wallace, William, Santa Anna, Tex.
 Warren, Bud, Cocoa, Fla.
 Waterhouse, F. T., Springfield, Mass.
 Whitfield, Lawrence A., Altoona, Pa.
 Wilcox, W. W., Richmond, Va.
 Wilkinson, S. W., Vancouver, B. C.
 Wilson, A. E., Port Arthur, Ont.
 Walker, John L., Albion, Pa.
 Yeager, Claude C., Wichita, Kan.

96 observers, representing 29 States plus Ontario, Nova Scotia, British Columbia and Cuba. END

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