



DX Monitor

Devoted Exclusively to
Broadcast Band DXing

March 5, 1983

Volume 20, Number 24

Issue Number 645

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We'll open with a reminder to get your anniversary issue forum report in to Ric or Rick right away. The deadline is fast approaching...like 3/12 for EDXF and 3/15 for WDXF!

From the Flash Tip Dept: KUOA-1290 in Siloam Springs, AR will test some morning in March (date not yet established) at 0100 EST. The test will include tones & music, using both 5 kw and 500w. Send reports to J.C. Parkinson, CE, KUOA, Box 3145, Siloam Springs, AR 72761. Info via NRC.

Here's some news for the equipment freqs:

Radio West has just announced some new modifications to new receivers. Such as Collins filter arrays for the Kenwood R-2000, improved selectivity for the ICOM IC-R70, more memory channels (72 instead of 12) for the Yaesu FRG-7700, and other nifty things. For more details, send them an SASE or call them: 3417 Purer Road, Escondido, CA 92025; (619)741-2891.

Panasonic has just issued a full-color glossy catalog of their radio and TV equipment. For a copy, write to Panasonic Company, One Panasonic Way, Secaucus, NJ 07094.

A company called Radiokit offers a very large assortment of r.f. components, including capacitors, coils, cabinets, mechanical hardware, and some kits (receiver mods, accessories, etc). The emphasis seems to be on amateurs, but most of it would also be useful to ECB/SWL experimenters. Their address is Box 411, Greenville, NH 03048. Their phone is (603)878-1033.

The Almanac is currently at the printer's. We expect him to be done with it in another week or so. If you ordered one, you can expect to get it soon (like in another three or four weeks...). Thanks for your patience. Likewise, if you've ordered anything from the Goodie Factory lately, you've probably been wondering about the slow service. Phil got a little behind due to moving into a new house, getting his old one ready for the renters, and various other excuses. The last I heard, he was finishing up the orders received in January, but was rapidly getting caught up.

ANARC has just published its revised Club List. The list, updated twice a year, contains the names and addresses of all ANARC clubs, their areas of specialization, annual dues, and prices of sample bulletins. It can be obtained for 25¢ plus an SASE (business size) in the US, 50¢ in mint stamps in Canada, or 3 IRCs elsewhere. Requests should be sent to ANARC publisher, 1500 Bunbury Drive, Whittier, CA 90601.

Don't forget to nominate some candidates for club office. See last week's DX Monitor for details. And start making your plans to attend the annual IRCA Convention -- July 1-4 in Seattle. We want to make this year's convention the biggest and best IRCA Convention ever!

Now turn the page for more news from the world of broadcast band DXing. 73, bp

BROADCASTING INFORMATION

Greg Monti
1110 Fidler Lane, #1424
Silver Spring MD 20910

call	kHz	day/night	
new	600	1000/1000	Santa Ynez CA granted KGDP (is this 660 kHz?)
appl	660	1000/	Frankenmuth MI
WAGO	690	250/	Oshkosh WI granted WCKK
appl	770	1000/	Bonnyman KY
WNWS	780	50000/10000	South Miami FL has "no plans" to upgrade to the power & frequency shown per a report from the station's consulting engineer reported in a recent NRC bulletin. They still have the construction permit, though. Now 790 kHz.
KURM	790	1000/	Rogers AR wants 5000/5000
new	830	50000/1000	Tucson AZ granted KGLR
appl	840	1000/	Denton MD
appl	840	2500/	Annandale VA (two of these)
appl	840	2500/	Burke VA
appl	840	10000/	Earlsville VA
appl	840	1000/	Purcellville VA
WSWM	900	500/	North Myrtle Beach SC granted WGSN
WEFG	910	1000/	South Pittsburg TN wants 5000/
new	910	1000/500	Hesperia CA granted KHSP
WTJT	950	1000/	Franklin TN granted WAKM
KARZ	960	5000/5000	Phoenix AZ granted KOOL
KUTI	980	5000/	Yakima WA granted Selah WA and 5000/500
WNNR	990	250/	New Orleans LA wants WYAT
WBCE	1010	250/	Wickliffe KY wants 1100 kHz & 1000/
WSID	1010	1000/	Baltimore MD granted WYST
new	1020	10000/500	Selah WA granted construction permit
appl	1040	500/	Shepherdsville KY
appl	1040	10000/	Gray KY
appl	1050	5000/	Dishman WA
WKKQ	1060	5000/	Hibbing MN granted 1080 kHz & 10000/5000 according to initial decision by FCC Administrative Law Judge
→ KENR	1070	10000/5000	Houston TX granted KRBE
→ KIOE	1080	5000/5000	Honolulu HI granted KZHI
WJOE	1080	1000/	Port Saint Joe FL granted WJBU
WCCG	1130	1000/	Camden SC wants WPUB
KNOI	1150	1000/	Pullman WA granted KQQQ
appl	1140	5000/	Childersburg AL application returned
WGZS	1170	1000/	Waupun WI is indeed WGZS, not WLKE as last month
appl	1180	5000/	Tryon GA
WHMT	1190	500/	Humboldt TN appl for 1160 kHz & 1000/1000 denied
→ KEZY	1190	5000/5000	Anaheim CA wants KNWZ
KBHM	1220	1000/	Branson MO wants KLCO
WAVN	1220	5000/	Stillwater MN granted WVLE
KUKA	1250	1000/	San Antonio TX wants KVAR
WHTT	1260	5000/5000	Miami FL granted WSUA according to unofficial src.
KTEW	1280	1000/	Poteau OK wants KLUP
WENN	1320	5000/	Birmingham AL granted WAGG
→ KCPX	1320	5000/5000	Salt Lake City UT wants KIWI
KAWC	1320	500/	Yuma AZ granted 5000/
WBCS	1340	1000/250	Milwaukee WI wants WMKE
KOKE	1370	1000/	Austin TX granted KMMM
KDAN	1370	500/	South Saint Paul MN wants KMAP
WBIC	1380	5000/	New Bern NC wants WWMG
WNSI	1380	5000/5000	Saint Petersburg FL granted WRBQ
WRJQ	1380	5000/2500	Clintonville WI granted WFCL
WRSC	1390	1000/	State College PA granted 2500/1000
WPTG	1400	1000/250	London KY wants 980 kHz & 1000/
new	1400	1000/250	Elkader IA wants KADR
WSHB	1400	1000/250	Raeford NC wants WSMR
WTRR	1400	1000/250	Sanford FL granted WWJZ
KAHL	1410	5000/500	North Platte NE granted KOOQ
WIGG	1420	1000/	Wiggins MS granted 5000/
WSWF	1440	5000/1000	Lehigh Acres FL granted WOOJ
WQAT	1450	1000/250	Savannah GA granted WQCN
WWEQ	1460	500/	Racine WI granted WRKR
WOKO	1460	5000/5000	Albany NY wants WWCN
WGBU	1470	1000/500	Farrell PA granted WMGZ

→ KWKN 1480	5000/1000	Wichita KS granted KLEO
WUEZ 1480	5000/	Salem VA granted WSAY according to unofficial src.
WSDS 1480	500/	Ypsilanti MI wants 1000/5000
KUMU 1500	5000/5000	Honolulu HI granted 10000/10000
KIEL 1500	1000/	Jacksonville AR wants KBOX
WIXR 1500	250/	Mount Pleasant SC wants 1000/
new 1510	5000/	Monroeville AL granted WYNI
WLIC 1540	2500/	Adamsville TN wants WPJM
KMFO 1540	10000/	Aptos-Capitola CA wants KKAP
KTIA 1540	50000/1000	Fort Worth TX granted KUQQ
WRCP 1540	50000/	Philadelphia PA wants WSNi
WTYN 1550	1000/	Tryon NC granted 1160 kHz & 10000/1000
KBER 1560	500/	Abilene TX granted KFMN
WFGN 1570	250/	Gaffney SC wants new, unknown frequency & 2500/
WAJE 1580	1000/	Ebensburg PA wants 650 kHz & 1000/
WGFE 1580	1000/1000	Morovis PR granted WGFW
WORG 1580	1000/	Orangeburg SC wants WPJS
WSWW 1590	1000/500	Platteville WI wants WTOQQ
WDHB 1600	5000/	Harriman TN granted WHBP
WKXQ 1600	1000/1000	Reidsville NC granted WRNC
KLAK 1600	5000/5000	Lakewood CO is indeed still KLAK, not KBBB as last month; so much for unofficial sources
WNEU 1600	5000/5000	Wheeling WV granted WANR
new ????	??	West Richland WA wants KGWB (anybody know freq or power?)

Lots of stuff from unofficial sources again this month, printed for your perusal anyway. Rest from Broadcasting magazine Jan 24, 31; Feb 7, 14. Broadcasting seems to have gotten much slower in printing station change info, if indeed including some at all, since the holidays. This may account for changes appearing as having happened already unofficially while the application hasn't reached print yet.

RADIO PROGRAMMING NOTES: In response to requests for running the station changes in frequency order in the recent member survey, that'll be the new format here.

WMCA 570 New York NY adds NBC/Talknet in mid April

KVI 570 Seattle WA adds ABC/Talkradio 2/28, will carry 1400-1800 ET; also adds Mutual/Larry King, including repeats 1300-1400 ET

WFAA 570 Dallas TX's 1600-2000 ET Sat/Sun talk show with ex-RKO Net talkjockey Ed Busch should be syndicated nationally soon

WRKO 680 Boston MA adds Mutual/Larry King; also runs a weekly 2-hour "Workline Network" to get businesses & career-seeking jobhunters together

WGBS 710 Miami FL went news-talk as of 2/7

WEDO 810 McKeesport PA has switched from religious to "Unforgettables" (automated MOR package)

WHDH 850 Boston MA adds Red Sox this year

WRFC 960 Athens GA adds Mutual/Larry King

WPHG 980 Bristol VA adds Mutual/Larry King

KMOX 1120 Saint Louis MO is syndicating its "Jack Carney's Comedy Store" the program is on KQV 1410 Pittsburgh PA

WJOK 1150 Gaithersburg MD signed on 1/31 with an all-comedy format; schedule is NSP; network is ABC/Direction delayed to on-the-hour; "blue" language is not censored

KNUZ 1230 Houston TX changed from country to rock oldies

WHKY 1290 Hickory NC adds Mutual/Larry King

KYNO 1300 Fresno CA adds Mutual/Larry King

WDXI 1310 Jackson MS adds ABC/Direction; drops Mutual/Larry King

KQV 1410 Pittsburgh PA has added a late-night news block 2100-2330 to more than replace the defunct CBS Mystery Theater.

WMRE 1510 Boston MA will drop Mutual/Larry King shortly

"Charla Deportiva," the Spanish national sports telephone talk show mentioned last month is in fact on Sundays 1700-1859 ET, stations still unknown...TM has renamed its syndicated "Beautiful Rock" package "TMA/C" ...Mutual has added a new feature: "Larry King In Focus," 2½ minutes per weekday; it's fresh material, not lifted from the overnight show... ABC/Rock radio network is no more; gave up the ghost with only 60 affils aboard...A new syndicated, biweekly, 90-minute "Concert Magazine" is available to rock stations starting 2/19...There's a new countdown program in the air: "National Urban Contemporary Countdown" 40 cuts counted down 3 hours weekly...A new weekend news and feature service called the "Sports Radio Network" will start operations 3/5 from Newport Beach CA; it's 42 continuous hours of sports programming including an overnight sports telephone talk show; it'll serve Southern California only at first, expanding nationally by satellite during '83...

Another new network is coming out of California, the California Radio Network, based in Los Angeles, I believe the first commercial net the state has had...Himan Brown's "Mystery Theater," dropped from CBS after a 10-year run, may make a comeback on public radio; it's uncertain whether NPR or rival American Public Radio Associates will distribute it. ...United Stations is debuting "The Great Sounds," a 4-hour, weekly big band-MOR program syndicated to 100 stations

Sources: Tim Noonan, Milwaukee WI; Rob Harrington, Littleton CO; Kermit Geary, Walnutport PA; Ernest Cooper, Provincetown MA; Pete Kemp, Bethel CT; Jerry Starr, Hubbard OH; Dave Schmidt, New Castle DE; Broadcasting mag.

Note: In response to requests appearing in the membership survey, I'm attempting to compile a list of all stations operating in AM stereo and which system they are using. The industry word is that there are 50 such stations in operation; 2 using the Motorola system, 16 using the Harris system; 30 using the Kahn-Hazeltine system; 2 using the Magnavox system; zero using the Belar system. I know of about a third of these (16). IRCA member assistance would be greatly appreciated to locate the ones in your area. Providing a few contributions come in, an initial list will be published next month. After that, stations adding, dropping, or changing stereo systems will appear in Broadcasting Information as a regular data item provided reports are received. Your input is welcome!

Yet another note: In response to queries in recent bulletins as to what networks President Reagan's weekly Saturday radio speeches are carried by: ABC, NBC, Mutual, Westinghouse, APR, UPI and NPR; all at 1206 ELT with the Democratic response sometimes fed at 1306 ELT. Note that not all the "big gun" nets are on line.

Radio Highlights

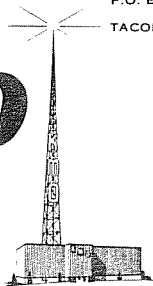
Grand Rapids Press,
via Phil Boersma

AM STATIONS	WJQ (1260) — Easy listening adult, personality-centered.	WFUR (1570) — Religious.
WKZO (590) — Middle-of-the-road music; late-night radio theater.	WOOD (1300) — Middle-of-the-road, personality-centered; 24 hours.	FM STATIONS
WKAR (870) — National Public Radio, talk shows, ethnic programming; broadcasts days only.	WTWN (1340) — News/talk format; Larry King's all-night show.	WGNR (88.9) — Grand Rapids School of Bible and Music, Christian Broadcasting.
WKWM (1140) — Contemporary rhythm/blues and jazz; broadcasts days only from Kentwood.	WXQT (1410) — Nostalgia; broadcasts days only.	WCMU (89.5) — Central Michigan University's National Public Radio affiliate; mostly classical music, public affairs.
WBCH (1220) — Soft Top 40; days only from Hastings.	WION (1430) — Middle-of-the-road music; days only; Ionia.	WEHB (89.9) — Listener-supported community radio; broad mix of music.
WCUZ (1230) — Contemporary country-western music; 24-hours; heavy on sports.	WHTC (1450) — Variety format out of Holland.	WBLV (90.3) — Fine arts programming; Blue Lake Fine Arts Camp
	WMAX (1480) — Religious; 5,000 watts	WKAR (90.5) — National Public Radio, fine arts.
	WYGR (1530) — Religious.	WCSG (91.3) — Religious, licensed to Grand Rapids Baptist College, classical music.

1360 AM
5,000 WATTS

P.O. BOX 1651
TACOMA, WASHINGTON 98401

KMO



First in Tacoma...
First in the Northwest

WJFM (93.7) — Mellow music; soft rock.

WJBL (94.5) — Religious, 24 hours.

WZZR (95.7) — Top 40 rock, stereo.

WHTC (96.1) — Middle-of-the-road.

WLAV (96.9) — Album-oriented rock.

WGRD (97.9) — Top 40.

WZND (99.3) — Modern country music from Zeeland.

WBCH (100.1) — Soft Top 40.

WCUZ (101) — Contemporary country-western music.

WMUK (102.1) — National Public Radio, fine arts.

WFUR (102.9) — Religious.

WVGR (104.1) — University of Michigan broadcasting; fine arts.

WQWQ (104.5) — Easy listening music from Muskegon; swingtime in stereo 9 p.m. to midnight Saturdays.

WOOD (105.7) — Beautiful music.

WMUS (106.9) — Contemporary country-western music; Muskegon.

A blast from the past: XERF

By GARY BLONSTON
Knight News Service

DEL RIO — Back in the 1960s, this was the place. If you wanted a hundred baby chicks sent by mail-order or a particular record played by Wolfman Jack, this was where you wrote. If you wanted to buy rat poison, razor blades or a ticket to heaven, you sent your money to Del Rio, Texas.

You sent your money to XERF, the most powerful commercial radio station in North America, and to the assortment of hucksters, evangelists, guitar-pickers and disc jockeys who made the station internationally famous.

XERF was a trick of sorts, a joke on government regulation, for its owners and its transmitter sat securely on the Mexican side of the Rio Grande, near the town of Ciudad Acuna, beyond the reach of the U.S. Federal Communications Commission's 50,000-watt limit on broadcast power.

XERF had 250,000 watts and a clear channel, unoccupied at night by any other station. That meant on a night of prime atmospheric conditions, it could be heard over much of the world.

For most of the past dozen years, though, the world has not heard XERF.

This has not been because of any government crackdown, business failure or other external calamity, however. Rather, when the owners disassembled and moved the huge, one-of-a-kind, RCA transmitter to a new location in 1971, no one could figure out how to put it together again.

The giant slept. But now, at 1570 on the AM dial, on radios from Stockholm to Christchurch, from Murmansk to Millinocket, the giant is awake once more. Mike Venditti fixed it. Venditti is a 31-year-old ex-Philadelphia, an itinerant broadcast engineer, a



WOLFMAN JACK
His pal to the rescue

Sometime this year, XERF's power is going to be doubled to a full half-million watts — 10 times more powerful than any commercial radio station in the United States or Canada.

born-again Christian and a lifelong radio buff. Now, suddenly, he is masterminding the rebirth of a unique radio station that for years captivated to odd breed of broadcasting people who get soft-eyed over the notion of being able to program for the entire Earth.

"My life is my radio, my faith and my family," Venditti said. "On a daily basis, I walk in and say, 'Hey, I'm operating XERF, the king of radio stations.' It's a dream."

And there is another dream in the offing. Sometime this year — if all goes according to plan — XERF radio's power is going to be doubled, via a \$50,000 modification,

to produce a full half-million watts of signal — 10 times more powerful than WJR in Detroit, WLS in Chicago, WABC in New York, WLAC in Nashville; in fact, 10 times stronger than any commercial radio station in the United States or Canada.

This will mean that in distant places, where XERF is only a lucky catch when the skies are right, the voice of Del Rio will be heard strong and clear.

Strictly speaking, XERF is owned by a Mexican corporation called Compania Radio Infusora Coahuila, which set it up at 50,000 watts in 1947.

But the brains of the operation is the

Inter-American Radio Corp., run from Del Rio by 74-year-old attorney Arturo Gonzalez. Inter-American owns all the broadcast time of XERF, which it buys from the Mexican company and then sells to advertisers and others on the American side.

This arrangement allows essentially American broadcast content to come on with such super power.

The station acquired its 250,000-watt transmitter in 1959, enabling XERF to span much of the globe with its mix of gospel messages, country-and-western music and mail-order solicitations.

Two years later, Gonzalez recalled recently, "Wolfman Jack came in from Shreveport, La. His real name was Bob Smith. He came here with an idea. He wanted to be a disc jockey for XERF, but he didn't want us to pay him anything. He said, 'Let me show you what I can do.'"

What the Wolfman could do with his gravelly voice and hip style was sell rock 'n' roll records, which he did from midnight until 2 every morning, splitting the take 50-50 with Gonzalez's Inter-American company.

"Sure enough," Gonzalez said, "he started building a lot of mail. . . . He was pulling, on the average, 600 orders a day."

Wolfman Jack got rich and famous, and so did XERF. Eventually, Wolfman Jack moved to California, but his taped broadcasts continued on Gonzalez's airwaves.

That success lasted for a decade, until the fateful day the big transmitter was taken apart for a move to new quarters. XERF had purchased a 50,000-watt back-up transmitter, little knowing that it would have to make do with that one for years to come.

Without the main transmitter, the station suddenly found itself nearly moribund. In Venditti's words, "All the glamour of the radio station had been lost. They would sign on at 6 p.m., off at 2 a.m., and it was just preachers, back to back. . . ."

That not only was disheartening to radio fanatics like Venditti, but also to Gonzalez's 23-year-old son, Sergio, who came home from college in 1982 looking for something to do.

"Nobody was giving (the station) much attention," the young Gonzalez said. "My dad has his (legal) business. . . . Then Wolfman Jack came back to visit last June and said, 'You know, Serge, you ought to do something (to get the station back up to strength).'"

Wolfman mentioned a consulting radio engineer he knew, who might be able to

help — Mike Venditti.

Venditti — whose childhood from kindergarten on was preoccupied with radio, whose office is full of his collection of historic receivers, who has helped set up stations all over the country — leaped at the chance to make XERF happen again.

"Mike worked with no logs, no papers — there was no manual for that transmitter," Sergio Gonzalez said. "But he got us on the air."

That was last summer. By November, the station was regaining some of its old reach. In that month, operating on 50,000 watts during the day and 250,000 watts or thereabout at night, it received nearly 19,000 pieces of mail in response to various mail-order offers and evangelists' solicitations.

So, aiming for an audience 25 to 55 years old, XERF is going to be playing 40 percent current easy-listening music, 50 percent soft-rock oldies and every hour a piece of big-band music. The nighttime preachers will be slowly phased out. Venditti said, replaced by adult music and contemporary Christian music, characterized by pop music sounds and arrangements with Christian lyrics.

And out of that, he and the Gonzalezs foresee success as dramatic as in those old, wild days of XERF

A SIMPLE GUIDE TO BEVERAGE DX'PEDITIONS

by Doug Nyholm

There has been alot written about Beverage antennas; however, much of it is either quite technical or DX results from the use of one. This article will deal with the basics on how to erect a Beverage, and its use without going into mathematical details. Before I ever experienced DX'ing with a Beverage, I had all kinds of misconceptions. First of all, a small army of Beverage erectors, a mathematician and loads of complicated gear are not necessary. You may want to include more options as you become experienced, but to start with, all you need is a 1,000 ft. spool of wire and a few miscellaneous items.

First, you must find a suitable location to erect your Beverage antenna. This, of course, is going to depend on what area you live in, but here are a few tips: A large area of relatively flat, un-forested ground should be located. Trees themselves, do not have a significant effect, but if there is an excess of them, they can effect the signal; (Such as a dense forest). Also, the ground does not have to be flat - small or even moderate rolling hills will only affect your ease in erecting the antenna. If you are going out in the country, try to block the nearest city or dense radio transmitting area with a line of hills or mountains. Definitely do not erect your Beverage under any telephone or high tension lines. Pick a location so you can properly aim your Beverage without running out of room. If possible, take note that the poorer the ground conductivity, the better the Beverage will operate. However, this will also make it harder to install proper grounds. If in doubt about the use of the site, always check with local authorities or the owner; most likely, they will be quite interested in what you're doing. Lastly, take note if there are wild animals or hiking trails which cross your antenna path - a deer can shorten a Beverage antenna very quickly.

The most important part of the Beverage is the 1,000 or so feet of wire that is to be the antenna. I wouldn't recommend that you use any wire smaller than 22 AWG. Also, the wire should be the stranded type unless you want to look for internal breaks after about two uses of the antenna. 1,000 feet of 22 AWG wire (solid) will cost approximately \$25 - \$40, with stranded wire being about \$5 more, but well worth the cost. You may be able to find better surplus wire for much reduced cost if you look around. Don't shy away from single or multiple conductor shielded coax either. (I wouldn't want 10 or 15 conductors though). Actually, I believe coax is highly preferable to single conductor PVC covered hook-up type of wire. It is also very easy to check continuity of your antenna if it is already erected and you suspect a break. Of course, it's necessary when using coax to short all the leads together at both ends so as not to lose any of the signal due to inductance in the wire. I use a coax type wire that is effectively approximately 10-12 AWG and I can tell a noticeable superior signal than a 22 AWG wire, that I once used. I assume that this is due to "skin effect" of the shield creating less RF resistance and thus less signal loss. So keep in mind that bigger is better - to a point, anyway - you may need a truck if you plan to use 1,500' of #2 AWG wire!)

Next comes the erection of the antenna. You don't need to hire a surveyor to come out to the site and mark out a straight line. Although some will say that a properly terminated Beverage in a straight line, aimed at the intended bearing is the only way to do it. I disagree; I'm not saying that it shouldn't be done this way, just don't worry if you look back and see that its not in a perfectly straight line. Experiment on your own. I had some excellent DU reception in December, 1983 on a Beverage that took almost a 90° turn. It was erected at night with no moon, so I couldn't see where I was going. Most of my Beverages have had variations of up to plus or minus 20°, and the only time I took great care to make it perfectly straight, the reception was sub-normal. I really think that this was just a coincidence, however.

Now that you've got the wire and direction you want to erect it, what do you do? Look for a field of abandoned telephone poles, trees, fence posts, high weeds, etc. I've had moderate results just laying a wire on top of high grass that's an average of 10-12 inches above the ground and leaving it un-terminated. The dew was also so heavy that the ground was quite wet. That may work, but for sure, it's best to elevate it at chest level or higher if possible. However, height is not critical. This is just one example of how forgiving a Beverage antenna really is. Also zig-zagging it to use scrub brush 2 or 3 feet high works relatively well. These methods are best suited for short term overnight type Beverages, and you would probably do well to take more time for a more permanent antenna. Don't use metal or wooden fenceposts if they are used to hold up metal wire. I tried this once, and even though the Beverage wire was 6-8 inches away from the barbed wire on wooden fenceposts, there was a minimum signal coming from even the semi-locals. I once heard a story of an Australian DX'er in the outback of Australia DX'ing on 10 miles of abandoned telegraph wire on telephone poles. (The Falklands were probably S-9 +20 at high noon). If you find a situation like this, let the club know; maybe that would be the site of the next convention. What I use to erect and hold up the wire are 4 ft. wooden stakes - the type that you can buy at most lumber yards. Cost is about \$10 for 50 of them, depending on where you go. I just use a staple gun to attach the wire to the top of the stakes. Place the stakes at intervals so the wire doesn't sag excessively. Even if it touches the ground in a couple of places, don't panic. It's okay, and you probably couldn't notice any difference. If you have a few stakes left over at the end, just use those to prop up the wire.

Now you're standing 1,000 feet from your car with the end of the wire in your hand, and like myself, are wondering what is the best thing I can do with it. There are only two things you can do - 1) you can leave it hanging there un-terminated, or 2) you can terminate it through a resistance to ground. Termination is supposed to make the Beverage directional which is an entirely different subject. There are many articles on what size of resistor to use for the termination and I generally just use a 500 ohm resistor. Most people will recommend that the type of resistor be a carbon type, but for a BCB receiving Beverage, I really don't think its very critical, especially since you're not worried down to the exact foot, how long the antenna is. It is almost impossible to precisely determine the perfect value of termination to use anyway. The value will vary day to day with ground conductivity, time of day, frequency, length, etc. You might want to try a 400 - 1,000 ohm variable resistor; get a pair of walkie talkies and draw straws for someone to hike out and tune the resistor while you DX. Any volunteers? The ground you use (at both ends) should be the best you can get, as a good ground can add an S-unit and on a Beverage improve directionality.

A few things to take note of when planning a Beverage DX'pedition are how many receivers are going to be used and how many Beverages are you going to erect? If you have 4 or 5 receivers on just one or two antennas, you're going to have a mess of grounds and connections that will look like a plate of spaghetti. Besides the potential signal loss, if someone wants to switch his receiver to the other Beverage and knocks his buddy's antenna connections off, just as that 1,000 watt New Zealander was going to ID, you may hear some negative comments. What I did to solve this, was to buy a small piece of plexiglass and outfitted it so that I can hook three antennas and the main ground to it. Then, by adding a terminal strip, so each input can be attached to four different leads by spade clips and handing everyone a couple of color-coded wires. It really works well.

I have also made myself a checklist as follows, with the items that are normally used, needed or wanted on a Beverage DX'pedition. Unless the Beverage is in your backyard, if you forget something, you'll have to do without it. My basic checklist is:

- | | | | |
|--------------|-----|--------------------|-----|
| Radio | () | Headphones | () |
| DC Adapter | () | Compass | () |
| Cassette | () | Flashlight | () |
| Stakes | () | Maps | () |
| Wire | () | Tools | () |
| Ground Rods | () | Various Logs | () |
| Paper & Pens | () | Auto Jumper Cables | () |
- (just in case!)

Now, just to say something about directionality and length of your Beverage.

First, directionality, as stated earlier, is dependent on the termination. The length of the Beverage also affects directionality by the longer the Beverage, the narrower the beam. Remember, the Beverage receives on the end(s) and not on the sides like a dipole. The longer the Beverage, the lower the signal to noise ratio becomes, and the higher the gain becomes. In aiming your Beverage, even though the beam on a one wavelength Beverage is relatively wide, you want to at least get it in the right direction. To do this, a chart of great circle bearings or a great circle map for your area should be used. Significant errors can be made using a standard mercator projection type map. Now second, is the length of your Beverage. You don't have to calculate frequency to meters and meters to feet or think that your Beverage is only going to be useful for a nominal frequency range on either side of its actual length. 900 to 1,200 feet is more or less the normal for most ECB DX'ing, however, you may want to experiment with multiple wavelength antennas if you have the room. Following is a simple chart of lengths vs. frequency for some typical Beverages. Also, the common formulas to figure this on your own.

$$\text{Wavelength (meters)} = \frac{300,000}{\text{Freq. (kHz)}}$$

$$\text{Feet} = \frac{(\text{meters}) (39.37)}{12}$$

$$\text{Wavelength (feet)} = \frac{984}{F \text{ (kHz)}}$$

$$\text{Wavelength (feet)} = \frac{492}{F \text{ (mHz)}} \quad \text{or} \quad \text{Wavelength (feet)} = \frac{468}{F \text{ (mHz)}}$$

The formula using 492 represents the perfect theoretical values. However, it would probably be more accurate to use the formula using the value of 468, as this is corrected for a 5% difference of the speed of light in a vacuum to the speed of light in a resistive wire.

Values in feet/using	492					
Frequencies (kHz)	540	700	900	1100	1300	1500
1/2 wavelength	911	702	546	447	378	328
1 wavelength	1822	1405	1093	894	757	656
1 1/2 wavelength	2733	2106	1638	1341	1134	984
2 wavelengths	3644	2808	2184	1788	1512	1328

A Beverage antenna is probably one of the best long haul DX antennas ever used, and if you've used one, you know what I mean. If you have never before tried DX'ing on one of these gems, you sure owe it to yourself to try. I hope that this article and tips herein can be of some use to you. Good DX'ing.

EASTERN DX FORUM

(215) 368-8067
RICHARD EVANS
P.O. Box 1294
NORTH WALES, PA 19454

Reports from members living east of the Mississippi River
Deadlines: Saturdays thru 3/19, 4/2, 4/23, 5/14, 6/11, 7/9, 8/6.
The deadline here for the anniversary issue is 3/12/83.

C. M. Stanbury II, RR #1, Ridgeway, Ontario L0S 1N0

I see where rce (in the 2/5 EDXF) thinks that R. Swan/Americas (the Bay of Pigs station) and "S9" aren't subjects the DXer need to know anything about. (I figured you'd be screaming, hi--rce) Well, acc. to the last account I saw in Broadcasting, the Reagan administration was still planning to re-introduce its R. Marti proposal in the new congress - while the fun and games surrounding S9 is a key factor shaping the contemporary NA pirate radio sub-culture, and many DXers are most certainly interested in the latter. However, there is one point which I should probably now explain more clearly. A passage in my Streets piece reads "Is there a connection between the FCC raid in Indiana and that clandestine Costa Rican operation? Yes, although the operators of these stations never intended such a link. This connection was a creation of the pulp print media - a testimony to the power of the word". The connection to which I refer, i.e., interface, between Jolly Roger Radio and R. Million/R. Noticias del Continente is that intrigue which surrounded S9. Best.

Bill Townshend, 4500 Connecticut Ave NW, #901, Washington, D.C. 20008
202-966-8046. Greetings from Title-town, USA! Hail to the Redskins, the World Champion Washington Redskins! Locally, WMAL-630, WTOP-1500, WFMD-930, WCBM-680, WPMR-TV-2, and WRC-TV-4 carried the Super Bowl game. Bill Whitacre hosted a WADXA GTG at his Alexandria, Va. QTH. IRCans Bill Harms, Greg Monti, and yours truly were among the fourteen attendees. The next GTG in early April will be near Redskins Park in Herndon, Va. The reincarnation of WHMC-1150, now WJOK, in Gaithersburg, Md. signed on at high noon the last day of January with a comedy format, being the first laughing station in the country with thousands of hi's (jokes) per day. Total AM stations heard now 1115. Time for SP. 73's. (portions deleted--rce)

Gerry Thomas, 3635 Chastain Way, Pensacola, Florida 32503

Well, by the time this sees print, I should be in the midst of a Jamaican DX'ing holiday. Scheduled for the first week in March, I'm looking forward to some Caribbean sun, top-notch LA DX, reggae, and finding a Rastafarian penpal (hi). I'll be taking along the modified Sony 6500 (and a TRF, as a back-up) as well as about 50-100' of wire. Speaking of the Sony, I tried to purchase the 2.2 kHz filter that Gilfer uses in its FRG-7700 modification but was told I'd also have to buy the 6 kHz and 4 kHz filters at the same time (total--\$50). I'd like to try the 2.2 kHz'er in the Sony, especially since its -60 dB passband is 5.5 kHz, but can't see buying two other filters that I don't need. Anyone know who makes the 2.2 kHz model for filger? Incidentally, Randy Tomer wrote to say that the narrow Kenwood filter for the R-1000 should also work with the Sony (and other 455 kHz IF radios). Anyone know the specs? price? (my local Kenwood dealer didn't). Also, I finished the double-tuned RF preselector for the Sony but it doesn't work. Apparently, there is a serious impedance mismatch because it works well with the Frog. Back to work on it later. DX has picked up around here of late with a good opening to the north a week or so ago. With WCCO-830 (my north-central checkpoint) at near local level, I continued up the band and heard several FF stations (looped N-S) but no IDs. When I got to 1570, XERF was off the air and there was, weak but readable, CKLQ from Brandon, Manitoba with "Q-country" Wx. XERF returned after a few minutes (this around my local midnight) but not until I logged CKLQ, this season's best catch here. I'm over 20 now, 20 ...73's.

Jim Surin, 236 East Morningside Avenue, Lombard, Illinois 60148

Hello one and all! I haven't written in awhile so here it goes. I have DXed on and off during the winter months so far and really haven't found much time to DX because of school and other activities. But I have been keeping tap on some of the latest news in the Chicago area... With WCFL-1000 gradually going MoR, the clear-channel station has signed WBEM's Bob and Betty Sanders. They could be heard from 1000-1400 CST...

(Surin, cont...) WLS-890 has signed former WCFL morning man Fred Winston to do the mid-day shift. Chris Shebel, who worked this slot previously, is now on FM...If no one has mentioned it yet, the FCC has accepted the c/1 WSEX to a station in Arlington Hts, Ill. Station personnel claim the c/1 to mean "Suburban Experimental Radio..." Tom Jasinski, sorry I couldn't make it to the Beverage DXpedition Feb. 20-21. We have school on Monday, despite it being Washington's Birthday. The school district up here needs the state's money, so the school must stay open, hi. BB season's coming up! The Brewer's games are on WTMJ-620 again, so I could hear the night games as well. WISN-1130 went directional at night, couldn't hear them as well, WNEW/KWKH nulled signal out. In my next Forum a look at a sleeping giant-WCFL. Or, as Steve Dahl would say, "WCFL should be closed down and turned into a condo." (Steve Dahl, afternoon drive on WLS-FM). &3's from Lombard, the future site for the 1986 convention, hi. (Jim, Fred Winston was the afternoon guy on WLS back in 1971, according to my v/l from WOKO-1460 NY--rce)

Jeff Kadet, W3CRH, P. O. Box 90, Rockville, Maryland 20850

It has been many years since appearing in these pages but I still like to DX. Was a member of IRCA nearly when it began and was editor of ECDXR in the mid-60's. (I remember reporting to you when I lived near Chicago, hi--rce) DXing this winter has been partially stifled due to sending my Drake R7 back to the factory to get peaked up. To make a 1½ month story very short, their service dept put a sizeable scratch on the cover, and after returning it for a replacement, it arrived back with no dial lights. Otherwise, it is a great receiver and unlike some other digital receivers it has an analog dial (when I can see it) which is a lot less dizzying for the BCB and ham bands. This past fall I decided to completely update the DX shack and along with the R7, I also got a McIntosh MR 78 FM tuner and Zenith N1310 TV set. I think all three are about the best available for DXing and am very pleased with them. As a brief reintroduction, I am 35, single, and have my own mail order business selling back issues of TV Guide magazines to collectors. Have been BCB DXing since the mid-50's, originally in the Boston area. Have also been a ham for 23 years (work 95% CW) and am also interested in TV, FM and SW DXing. Have added about 30 new BCB stations this season, mainly daytimers between 1130-1190 kHz to put my Md. total heard to around 1850-1900. Other interests are collecting pre-1950 TV sets, working on my 198,000 mile Plymouth Valiant, long distance hitchhiking, any type of good music, and good food. Am currently looking for a new place to live, with affordable real estate prices, tentatively deciding on west central Illinois, but am not sure if leaving my friends here, and the possible boredom of a small town, will be practical or not. On the other hand, TV and FM DXing will be vastly improved. Priorities, for sure. In closing please let me repeat what others are saying in that there is a real need for a reliable FM DX club weekly during the summer Trops/Es season. Also, on counting call sign changes... personally, I've never counted them. But why not do what the hams have done for years with countries which no longer exist, and have separate totals for deleted call signs. For instance, count totals heard or verified as 1900/100 (current/deleted). 73. (Jeff, welcome back to EDXF. Small towns are great, once you get used to them--rce)

Mark Connelly, 30 William Road, Billerica, Massachusetts 01821

Glenn Hauser's article on DX from the Virgin Islands was a masterpiece. Articles of this calibre make it much easier to write out a check at membership renewal time. I note that Glenn used SW-club language abbreviations rather than those of MW: example - EG instead of EE for English. I'm wondering if SW & MW adherents could someday get together and have one set of language abbreviations. I would tend to favour the SW conventions: SWL's have to deal with more languages than do MWDxers; so they've refined things a bit more. Some recent events - since Dec., '82, I've been working at M/A-COM Video Satellite in Burlington, Mass in the field of RF-related automatic test equipment (ATE). "Santa" was good to me this Christmas: gift money I received enabled me to get 2 new toys - a Sony ICF-2001 (which was on sale locally for \$139) and a Radio Shack TRS-80 Colour Computer. Maybe someday I'll get a lineprinted for the computer so I can make "hard copy"; unfortunately a good printer runs about \$800 - almost 3 times as expensive as the computer itself. Anyway, I can occasionally use the HP9825B computer with 9876 printer at work in the meantime. When time permits, I enjoy writing DX-oriented programs; these deal with circuit & antenna analysis, propagation & geography, and DX logging/sorting routines. Next time: observations about the Sony ICF-2001. 73 for now.



Western DX Forum

★★★★

IRCA—Serving the Broadcast Band DX'er Since 1964

Editor: Ric Heald, 1632 J St., #4, Eureka, CA 95501

1982/3 DEADLINES - WEEKLY ON TUESDAY, 12 DAYS PRIOR TO PUBLICATION DATE

STEVE MITTMAN, 2248 W. 37th ST., SAN PEDRO, CA 90732

Hi all. Haven't forumed since last May so figured it was about time again, hi.

The last week of January, I went skiing with DX'er Mark Bixby (remember him folks? -- Hint, hint, Mark. . .) and two other people at Aspen and Vail, Colorado. (Vail had fantastic knee-deep to waist-deep virgin powder) We drove out there so that we'd have the use of a car to get around. Although it was great to be able to see the country, it was a long 19-hour drive (an hour longer for me than the others) and I think the next time I go anywhere, I'll almost certainly fly. (Can I be of assistance? Hi-Rth.) Anyway, while driving through Utah and parts of Colorado, I noticed that the earth was a very striking, deep rust color. Anyone know why the ground in those parts is that color? Bill Harms? (Mineral deposits, Steve-Rth.)

Oh, DX, hi. We heard an unID all week long on 1090 under semi-local KKBB Aurora (Denver) with C&W music, CST time checks, and twice heard ID's as (we think) "KKYS." Could this be a call change for KAAV Little Rock? Or has a new station sprung up somewhere? Also got in one day of midday DX during a lunch break. Using a car radio noticed KFI was there (poor, but steady). Other powerhouses were in as well, so it looks as if it's true that midday DX in the midwest does net further catches than does the west coast (or at least in large cities as Los Angeles and San Francisco). Driving home (using my portable inside the car), I noticed that the new 10 kw KGLG 1210 wasn't audible at all in Cedar City, approximately 50 mi/82 km NE of Washington, but was still easily audible deep in Nevada, so apparently their daytime DA is extremely directional to the west (though I've yet to hear them midday at my home QTH). (Incidentally, we passed right by their transmitter on I-15, and only saw one tower. Doesn't that mean nondirectional?) (Correct, and they are nondirectional-Rth.)

In local DX news, KEZY 1190 Anaheim, is scheduled to go 24 hours all-news as "Newscaster 12" on 15 February at 0700 PST. This is just six months after switching to oldies and their rM, which picked up the AOR format has returned to its old format of light rock, so it looks as if they just can't get their act together.

To my tapesponding friends, no, you have not been forgotten or ignored. Due to a number of personnel problems and commitments, my participation in DX'ing and related hobbies of late had been curtailed. However, after I take an important test in mid-March, I'll be getting back into the swing of things and tapes (and Spotlight columns) will again be forthcoming.

Neil Kazaross and Bill Harms -- best of luck back east. Neil, it's been great having you as a DX amigo, and Bill, enjoyed talking with you now and then on the phone. Someday, I hope I'll get to meet you. 73 de SMM. (Welcome back to WDXF, Steve. Your name now removed from my hitlist, hi. OK, Bixby, front and center, hi-Rth.)

PAT MARTIN, P.O. BOX 843, SEASIDE, OR 97138

Domestic DX sure has been good with the 1,500 foot wire. I'm planning to continue up into Crown area (forest) next summer. I think I'll add 1,000-to-1,500 feet of wire. I don't want it too directional. Anyone know the best length for a Beverage? I remember someone telling me about a case of a 6,000 foot Beverage which was so directional that the DX'er received Caracas but couldn't hear Bogota. I don't want the Beverage that directional. 1,500 feet is about a full wave length at 610 kHz. I would like to kill a lot of the stuff from due south and due north, though.

New veries of late: 4ZR 1476 2kw Roma, Qsld, Australia; KWHO 860 Salt Lake; KBBO 1390 Yakima, Washington; KJAR 1300 Laredo, Texas; KBGN 1060 Caldwell, Idaho; KBIF 900 Fresno.

Bill Block was recently up from Portland for a visit. We had a nice gab session.

Randy Tomer, your EZL unID on 820 is indeed KCBF Fairbanks. Heard them several times in the morning here.

Robert Wein, KIXI just recently changed CE, send another report.
KORD just verified for me a week or so ago. I forgot that verie in the list. KORD has a form letter.
It was nice to see another Oregonian in the club, Tony Hemphill. It looks like you're doing great with DX, per 5 February DXM.
That's it this time around. Good DX.

RIC HEALD, 1632 J ST., #4, EUREKA, CA 95501

Where did everybody go? Is anyone still out there alive and DX'ing? If so, why not drop a line to WDXF to share with the membership?

DX? Hah! What's that? Tomer's hearing great stuff, mostly at SSS, but I'm at work until 1800 PST and by the time I get home, SSS is gone, but not for long as I believe March sunset is around 1815 PST. And then once home when I do turn on the TRF, the TVI and light dimmers are so bad that the SM-1 is set in one position just to lessen the HNL. And I've gotten lazy about getting up for SRS when there is no noise level, hi.

Steve, topography can often shape a pattern out of a nondirectional station. It could be that there are mountains between Cedar City and Washington and not so mountainous toward Nevada. A good example of this would be KINY and KJNO Juneau, Alaska. Both are nondirectional, but Juneau sits on a narrow channel with 4,000-foot mountains to the west, and even higher in back of the city. In fact, half of Juneau marches up that mountain. Both stations were heard only fair in Sitka, just 90 air miles away, but one fantastic signal in Haines, double that distance, because Haines is due north and Sitka was toward the west.

Locally, we now have a friend over at KATA 1340 Arcata. I was being hit for advertising (I love it when they call, I listen to the pitch then start talking their lingo, hi), and I mentioned the half-harmonic. Would you believe the very next day the CE called and was concerned. After quizzing me, he realized I was a DX'er and not the average listener listening to a \$20 piece of junk.

The half harmonic was corrected with a simple tweaking adjustment. The CE at KATA is new having moved down from KAGO 1150. He mentioned reception reports from New Zealand and Australia and invites reception reports at KATA. CE is Ted Collins. He may also do a PoP soon and promised to give me enough notice so it can be announced in DXM. Sounds like we have a friend at KATA. P.S., I was also offered weekend announcing, hi.

Pat, I believe 1,500-2,000 feet is about right length for a good Beverage. If you've been following the BARF antics, they've been using 1,500 feet with good results. ENCORE will extend their Beverage when the rain quits, like in July, hi. We've got two longwires at present, both under 500 feet and we'd like to double or triple that length.

Speaking of veries, 1982 was a 100% year for me. Two for two, hi. When I send for veries nowadays, it's gotta be special and CFTK 560 I consider to be slight special, hi.

Enough rambling this week. See y'all in 7. 73 de Rth. .

JEF JAISUN, 12860 136th AVE. NE, KIRKLAND, WA 98033

At long last, I tell ya, it must have been Rth tugging at my heart strings when he pleased for another Jaisun's Journal a couple bulletins ago. Flat-tery will get you somewhere, Ric. (Kirkland, hi) (Juanita Beach at least, hi-Rth.)

Well, first big news is that I started electronics school in December. Yep, after 20 years of pulling apart radios I'm finally learning how to put them back together. I also intended to make \$40 an hour fixing broken video games, hi. I might also add that it was poor math that kept me out of the electronics field years ago, but time and a good teacher (not to mention my TI-35 calculator) have erased the phobias. So if any of you are intimidated by such things, let it be known that is I can do it, anyone can do it. (Watch it, Ric.) (Oh, the temptation, hi-Rth.)

Oh yes, DX. Well, the season has been relatively slow. Most of the action has been LA, and bp's loggings in the 01 February DXWW-W were mine as well. The most intriguing one was the possible Monserrat 740, and I hope bp gets a reply from them.

As to the SS unIDs on 1330, I have since ID'ed at least one. It's XEBO, R. Variadades, Irapuato, Gto. KUPL was off again 07 February and the SS ID popped up with all the particulars at 1055:30 GMT, followed by jumpy ranchera music. However, I now have two other SS ID's to go with it. Same morning at 1033 one with dreamy SS vocal stuff followed by a YL with what sounded like a "Radio Sen-say-shun" ID in SS and more slow music. Yep, she said it in SS but pronounced it like EE. This could be Tampico. At 1043, OM did an ID poem that sounded like "Radio Tres, __itza, y otra vez __." This is the second time I've heard a Radio Tres (not trece) mention here. Ideas appreciated. (Would Chitzanitza, Guatemala be possible?-Rth.)

And the biggie on 1330 from the 24 January Beverage party: Approximately

1101 an ID consisting of theme music, seven pips in G#. . . something about "vallo mas informacion, Kah-emmay (or Tah-ee-mor), oiga emmay, noticias para los. . .," followed by apparent newscast, very laid back. This is not KVKM. Who runs pips in Mexico? (Judging from your rough translation of SS, hi, it was indeed an intro for news. Maybe a Central American?-RtH.)

PM, regarding your C&W on 1160, you may recall I heard same several months ago when KSL was testing. (WDXR unID section) Never found out who it was.

Does anyone know where I can find a Radio Shack Amateur Station Logbook #62-2034? After nine years I've finally filled mine (with AM DX of course). RS doesn't make the book anymore, but I've gotten used to the format. I think I've logged my 1,000th station, but I haven't been able to put my totals together all winter. 73 de JJ.

MARK STRICKERT, 706 25th AVE., SAN FRANCISCO, CA 94121

Not much DX last month. Did manage to hear PJB 800 at home (big deal, hi), per tip from John Wallace, Jr. I almost didn't try, as KGO is splatter-city, especially the announcer on 13 February and sure enough, 800/820 were buried on the first try, but after a few minutes, PJB came up to a respectable level with Caribbean Nightcall.

I'm hoping conditions will allow some MM DX this weekend with Birthington's Washday off and all, hi.

Robert Wien, KORD is Box 2485, Tri-Cities, Washington 99303. KIXI is still at 801 Pine St., Seattle, Washington 98101, high atop an ugly apartment building. Were your reports returned "Moved - No Forwarding Address" or simply not answered. The latter does happen, you know. . . a change of calls or frequency does not also mean a change of address, eh?

I'm curious, Ric. How long these take to get up there? Seems like a couple weeks, from the length of time, when adding on the "12 days prior to publication date" (If forum arrives day after deadline, it's then almost three weeks before you see it in DXM. Two days is average from you-RtH.)

DECALCoMANIA sticker newsletter is for aircheck traders too. For information, contact Box 931, San Francisco 94101.

Next week, station ID's and how teenagers forge them to get beer.
73 de MaS.

ALBERT S. LOBEL, P.O. BOX 26762, SAN DIEGO, CA 92126

It seems like there is still some talk of adding FM to IRCA. As I've mentioned before, I'm very much against it. IRCA was founded as a medium wave club, not an FM club. Those who know me know that I'm also an FM DX'er and belong to WTFDA. Even though WTFDA has had a few problems lately, they're still a good DX club. I'd not object to an occasional mention of FM in DXM where it may relate to club activities, but not a complete FM section. Those of you who want a DX club devoted to both BCB and FM should try to form one; and good luck.

Enough said above. I may have sounded rather blunt. However, it's my opinion. 73 and good DX in 83.

PAT MARTIN, P.O. BOX 843, SEASIDE, OR 97138

Foreign DX has been very slow. Just the regular stuff heard: 4MK 1026, 27B 1035, 47B 1044, etc. So I've been doing quite a bit of domestic DX. I've also been reverifying stations I verified in Alaska back in the mid '60s. Would you believe a lot of the stations still use the same QSL card? I just reverified CBW 990, the same CBC blue card. CBC-BC (CBU, etc) is now using a different card.

Other new veries include: KARM 1430, KMCL 1240, KFLI 1240, KMPS 1300, KJAR 1300 Laredo (500 watts), and KOY 550.

Reports out to: WDDD 1480 (tent.) P.R., KSOP, KRSP, KALL, KLAB, KRBC and KDHN 1470. With the 1,500 foot wire, 1470 and 1480 are great frequencies. On 1480 I logged a quick ID from WSAR Fall River. They do put some signal in this direction, but not a whole lot. Drat. I failed to have the recorder on and just a quick ID above the jumble.

Also a tentative of WRDW with a SSID "D-double-u," They're 5 kw from Georgia.

Then on 17 February at 0500 ELT, heard "America the Beautiful" s/on on 1480 followed by an announcer in SS, sounded like "La voz de . . ." and Caribbean type music. Nothing else listed in the NRC Log I can find. Also there was a Mexican (?) in there mixing. I'll keep on trying. Don't know if KAAR Vancouver was off or not, as I didn't hear them. KLMS Lincoln had a great signal at 0430 PST. This was on 14 and 15 February.

I plan to extend the Beverage this summer if possible.
Well, good DX to all and 73.

RIC HEALD, 1632 J ST., #4, EUREKA, CA 95501

15 March is my deadline for the Anniversary Issue of DXM. So, it's last call. (Gee, where have I heard that before? Hi-RtH.) A couple years back WDXF had 21 forums; let's see if we can't break that record. The Anniversary

Issue is the traditional time to re-intro yourself to the rest of the club. You don't have to type out a journal, just a few lines will do.

Been pretty busy here lately. In fact, since moving to Humboldt County I've never been busier both with work-related and social life. Translation: I haven't been DX'ing, hi

Pat, your DX on 1470 and 1480 reminds of what we heard nearly every MM 15 years ago. Both were fairly clear on MM and I'd start chasing s/ons at 0200 PLT and not give up until 0500 when the PLT zone began their s/ons. Also in those days, many daytimers were allowed to s/on with full power/pattern as early as 0400 local time. I can't wait to get the ENCORE Beverage extended and chase those LA's as well as EC regionals.

Jef, interesting literature accompanying your forum. Who did the writing? And no, I didn't have to look one word up in the dictionary, either, hi.

Jef, how good is your SS? If y'all need some ayuda, send me the tapes and I'll give it a go. It sounds from your description like you might have had other than Mexico. And, music in Mexico changes (sometimes dramatically) from area to area. Ranchera is strictly northern. Moving south toward Guadalupe it sounds ranchera but is mariachi. Toward the Caribbean coast, it's got that Caribbean sound (what else, hi) and a lot of harp music mixed in. Toward Guatemala, especially in regions with large Indian population, flute-like sounds. Have you fallen asleep yet? Hi. And your word "noticias" should be "noticieras." I know, picky, picky.

Get your Anniversary Issue forums in real soon. See ya in 7. 73 de Rth. .

Radio Takes Upbeat Approach To Upscale Ad Market

San Diego Union, 2-20-83
via Albert Lobel and Father
Jack Pejza

By DONALD C. BAUDER
Financial Editor, The San Diego Union

Radio is going all-out to reach the affluent and well-educated market — the "upscale," in advertising parlance.

Radio? Reaching the chic? What cheek! You mean those punk rockers who bite off bats' heads at concerts are really getting their first taste of "Die Fledermaus"?

Yes, it's true — or at least, partly true. First, in the past 20 years, radio has grown faster than other media: According to NBC Radio data, television usage by adults grew from 3½ hours per day in 1960 to 3½ in 1980, while radio shot up 75 percent, from 2 hours to 3½ hours.

And there are credible data to show radio reaches the upscale. A 1980 Simmons study of media and markets concluded that the average household income of heavy TV users (those watching it constantly) is \$17,000 versus \$22,000 for heavy radio listeners. Only 39 percent of heavy TV users are employed, versus 69 percent of heavy radio users.

To a large extent, these are invidious comparisons. Given the quality of commercial television programming, a TV addict by definition has to be either mentally or physically inert. By contrast, the light TV viewer's household income is \$23,000, some 35 percent are college-educated and 70 percent are employed. But according to the NBC, the "ideal supplementary medium to reach the light TV viewer is radio. The light TV viewer spends twice as much time with radio as with TV — over 3½ hours a day."

Although San Diego is not a high-income market by California big-city standards, it's considered a juicy radio market: "San Diego is one of

the youngest markets in the U.S. The number of males aged 18 to 24 is among the highest in the nation," said Allen S. Klein, president of Los Angeles' Media Research Graphics Inc., in the first of several interviews. Indeed, Arbitron demographic data show that men 18 to 24 are 12.8 percent of the total county population, and men 25 to 34 are 10.1 percent. Women in the 18 to 34 cohort constitute 18 percent of the population.

So radio station salesfolk, armed with such statistics, are pounding the pavements, pounding the message into media buyers at ad agencies. But some cynics believe that just as radio epitomizes shrieking deejays and screeching music, radio audience data are merely statistical noise, too.

"Radio time sales is the biggest hype in the country. They all have packaged formats, and data claiming that their format reaches a large percentage of a particular market. But a rock station will overnight change to an all-news format. In a market such as San Diego, with signals originating in Los Angeles and Mexico as well as locally, how do you determine who is reaching whom?" said Bill Gabriel, an advertising-public relations consultant in San Diego, formerly an ad agency owner in Cleveland.

Indeed, the packaged format is the key. When stations select their format, they are trying to select their audience. Soft rock reaches young adults; punk rock reaches, well, punks — but punks who buy Coke.

Simmons data show that nationally, the classical format is most likely

to reach households with \$35,000-plus income. With the number 100 representing the norm, classical gets a high 230 rating, according to Simmons; next is all-news with 166; soft rock, 154; so-called "beautiful music," 152, and talk shows, 146.

Below the norm, according to national Simmons data, are religious programming at 96, country at 72 and black at 40.

But income is not the only variable. Stations want to carve out a youthful audience with one or another form of rock music — the wilder the music, the younger and less affluent the audience. The station wanting to reach an older audience goes in for the "big band" sound — Glenn Miller and such, enhanced for modern technology. Similarly, "golden oldies" — Elvis and the Beatles, sometimes rewritten and rerecorded for string orchestra — reaches the middle-aged folks who recall the 1950s and 1960s with nostalgia.

Conversely, the classical and big band stations reach many people who recall Elvis and the Beatles with revulsion — and such people are likely to fall into an upscale category.

The formats are constantly revised and updated, and many stations mix up their formats — trying to reach one group in one time slot and another group in another. Format names are changed all the time. When people started to associate "beautiful music" with "Muzak," the name was changed to "easy listening." Today's "new wave" music is basically known as "sanitized punk rock" — and a name change will no doubt be in the works when the bloom is off the rose, or the head is off the bat.

Continued on Page 15

EASTERN DX ROUNDUP

Bob Lazar

1711 Wainwright Dr.

Reston, VA 22090

Deadlines: Saturdays 3/5, 3/12, 3/19, 4/2, 4/23, 5/14

- 540 KNOE LA Monroe, 2/12 2254 fair, jingle as "KNOE", hrd ABC/e nx, ID by f anc'r as "54 KNOE Monroe", C&W mx. (JP-GA)
- 550 K TSA TX San Antonio, 2/12 2303 good, ID as "Stereo 55, K TSA San Antonio", R&R mx, frequent ID's. (JP-GA)
- 690 WAPE FL Jacksonville, 2/13 0034 good, ad for WGN-TV, promo for "Mike Wallace at Large" on "690 WAPE, Someplace Special". o/ Cuban, KGGF. (JP-GA)
- 730 WMTC KY Vanleve, 1/31 1801 ID into nx of KY. Good w/ WPAL. (WJH-MD)
WPAL SC Charleston, 1/31 1801½ s/off, fair w/ WMTC. (WJH-MD)
- KKDA TX Grand Prairie, 2/6 s/off 1915, very weak signal. (JP-GA)
- 770 WEW MO St. Louis, 2/6 weak w/ WABC, KJCB. 1834, hrd big band mx, hrd a spot for the 1st National Bank of Clayton. (JP-GA)
- 830 KBOA MO Kennett, 2/5 1823 good sig, MoR mx, commercial for the Cotton Exchange Bank, jingle as "8-3-0 means music and more, KBOA." (JP-GA)
- 840 WMOB AL Mobile, oldie (?) and ID. Weak u/ nulled WHAS 1820 2/7. (WJH)
- 870 KJIM TX Fort Worth, 2/5 1909 s/off at 1915, C&W mx, hrd Tammy Wynette and Mel Tillis, u/ WWL, very weak, WWL was the dominant stn. (JP-GA)
- 900 WJWL DE Georgetown, nx, ads, and pop mx. 2/12 0704½. Local WLMD off because of snow. Fair. (WJH-MD)
- 940 WKYK NC Burnsville, 2/11 1921 weak, QRM from WMAX/WMIX. Hrd a PSA, ID, and a Paul McCartney song. (JP-GA)
- 960 KGIR MO Cape Girardeau, 2/13 0107 fair, end of CBS nx, s/off. w/ WERC, WFIR. (JP-GA)
- 980 KCIJ LA Shreveport, 2/11 1900 fair o/ WSIX, WFHB, WRC. Hrd the s/off. (JP-GA)
- 1000 WTAK AL Huntsville, poor w/ QRM. ID into nx (local) 1801 2/5. (WJH-MD)
WZTN AL Montgomery, fair w/ QRM. 1800 2/5 ID into nx. (WJH-MD)
- 1040 KPBC TX Dallas, 2/5 1900 ID, good sig till 1915 s/off. Gospel rock mx. (JP-GA)
- 1050 KVPI LA Ville Platte, 2/11 1852 weak, QRM from SS stn, ID as "KVPI Ville Platte", mx by the B-52's. (JP-GA)
WJXY SC Conway, C&W mx, local ads, ID & promo. Good 2/5 1745. (WJH-MD)
- 1080 WEEP PA Pittsburgh, 2/5 1800 s/off as "There's only one WEEP". Fair, w/ WJYI, WTIC, WCII. (JP-GA)
- 1090 KAA Y AR Little Rock, 2/7 1847 fair w/ WBAL nulled. K-double A-Y slogan used. (WJH-MD)
WBAL MD Baltimore, 2/12 0148 weak, hrd time given, ID, phone no., talk, (rare here). u/ KAA Y. (JP-GA)
- 1100 ZDK St. Johns, Antigua, 2/7 1920 u/ WWWE. Fair signal but was prone to fading, jingle as "ZDK rocks on!", R&R mx. (JP-GA)
(Jim, foreign stns should go to DXWW. Only U.S. & Canadian stns go to the domestic sections. --ed)
- 1130*WILBA*GA*Gainesville, 2/12 0003 good on ET/C&W mx, occasional ID's. o/ WNEW, WSJP. (JP-GA)
- 1150 WNDB FL Daytona Beach, 2/12 2057, poor u/ WCRK, WJRD, WGOW. Said CBS nx was next, MoR mx, f anc'r. (JP-GA)
WJBO LA Baton Rouge, 2/8 0100 w/ WGOW, WJRD. Hrd Larry King & ID as "National radio's #1 interviewer, Larry King, will be back on 1150 WJBO, Baton Rouge." (JP-GA)
WJOK MD Gaithersburg, first day of operation 1/31 s/on at 1202. Uses "all comedy radio" slogan. (WJH-MD)
- 1220 WQSA FL Sarasota, 2/6 1745 weak, hrd Mutual sports, wx, and a PSA for the Air Force. (JP-GA)
- 1260 WUFE GA Baxeley, 2/13 1808 weak w/ WCRT, WTJH, hrd wx, PSA of Dept. of Family and Childrens' Services for Appling County, C&W mx. (JP)
- 1360 WWBZ NJ Vineland, ID into song. Fair thru QRM 2/12 1750. (WJH-MD)
WCHL NC Chapel Hill, ID into talk about the Tar Heels. 2/12 1750. Good w/ QRM. (WJH-MD)
- 1380 WQHK IN Ft. Wayne, 1/23 1731 fair w/ KWK, WAOK, signal faded as time went on, SSS, C&W mx, promos, ID's. (JP-GA)
KWK MO St. Louis, 1/23 1731 weak w/ WQHK, WAOK. Hrd mx by the Cars, anc'r said "Less repetition, St. Louis' hot tracks, KWK". (JP)
- 1440 WDDY VA Gloucester, 2/5 1740 good w/ ID, local spot, into song. (WJH)

- 1450 WTHU MD Thurmont, 2/12 1138 poor w/ WOL off for a couple of minutes. ID and talk about violence on Sat. morning cartoons. This is between songs. (WJH-MD)
- 1490 WTTB FL Vero Beach, 2/11 0130 weak, hrd a PSA which had the WTTB calls included, Talknet, weak, then sunk into GY pile. (JP-GA)
- 1500 WBFN MS Quitman, 1/29 1812 weak, ID as "WBFN and WYKK Quitman", mx from Tanya Tucker. (JP-GA)
- 1520 WKZQ SC Myrtle Beach, 2/6 1735 fair o/ KOMA, jingle as "WKZQ", also hrd the suncoast wx forecast, R&R mx. (JP-GA)
- 1550 WYNX GA Smyrna, good w/ ID, into Georgia State rx. 2/4 1800. (WJH-MD)
 WXVA WV Charles Town, 2/12 0100-0110 fair, emergency broadcast purposes, hrd rx, wx, MYL mx and ID explaining why WXVA was on the air. o/ WAAAY. (JP-GA)
- CBE ON Windsor, 2/12 0106 weak u/ WXVA (WOKJ had just s/off). Hrd the provincial wx forecast, s/off and Canadian NA. (JP-GA)
- 1560 WSDL LA Slidell, 2/13 1843 weak, SS w/ WPAD, hrd /soff. (JP-GA)
- 1570 WSSA GA Morrow, local ads into s/off. Good o/ QRM 2/4 1814. (WJH-MD)
 WGLE TN Cleveland, 2/4 1747 local ads and wx. Good o/ all. (WJH-MD)
 CHLO ON St. Thomas, 2/13 0123 weak w/ XERF. Hrd wx, ID, also hrd a Beatles song start at the wrong speed, very entertaining. (JP)
- 1580 WESY MS Leland, 2/13 1845 weak, SSS, u/ WPMP, WCLIS. Hrd s/off. (JP)
- 1590 WQQW CT Bridgeport, 1/31 2107 CT Net rx. Good w/ WJRO. (WJH-MD)
 *WZIP*FL*South Daytona, 2/13 0120 weak w/ WJSO. ET, hrd technical data given, also said that they would appreciate hearing from BCBDXers. (JP-GA)
- 1616 KPRC Pirate from supposedly NYC, announcer Pirate Joe talked w/ Crystal Goblin on 1-212 # loop. Talked about politics, pirate radio, QSL policy (mail drop), request for taped programs and cl mx. 3 or 4 songs were played. Poor to good signal but very readable. 2/15 2325--2/16 0030. (WJH-MD)

Welcome to two new Eastern DXers!

WJH - Bill Harms, 3571 Ft. Meade Rd., #417, Laurel, MD 20707
 (Indoor shortwires, Panasonic RF3100)

JP - Jim Paige, 219 Alexander St., Winder, GA 20680
 (DX-160 w/ 75' lw, Channel Master portable)

Stations try to convince advertisers that they offer the most efficient medium for reaching a particular audience — the most bodies for the least amount of money. But they also want to deliver raw numbers, or high Arbitron ratings indicating they have a mass audience as well as a specific one.

Fairly consistently in San Diego, KJQY, an "easy listening" format, has the highest Arbitron rating for various time slots. KFSD, the classical music station, consistently registers higher Arbitrons than sister classical stations in other cities.

KFSD, according to local data, also does the best delivering the upscale audience here. In Arbitron's "Qualidata" study for 1981, among males aged 18 and over listening from 6 a.m. to midnight Monday to Sunday, KFSD had the highest percentage of its audience in the top one-third of county household incomes (53), and the highest index (166) for reaching top income groups (100 equals the norm).

Although KFSD's total audience rating is very high for a classical station, "I don't sell ratings — I sell my listeners," said Hal Rosenberg, general manager, who is a senior vice president of the parent, Los Angeles' Lotus Communications.

The station just spent \$3,500 to survey 1,000 of its listeners on everything from their incomes to their musical tastes. The station has 150,000 listeners overall, and extrapolating from the survey results, "We can tell Sears that 51 percent of our audience, or 76,500 people, shop at Sears. Further, we can tell Sears that 21,000 of our listeners who shop at Sears plan to buy furniture in the next 12 months," said Rosenberg.

"We found that 32 percent of our listeners are in households with \$50,000 in income — versus 5.5 percent for San Diego generally. And 65 percent of our total listeners have incomes above \$30,000. Half of our retired listeners have incomes of \$30,000 or more and 16 percent have incomes over \$50,000," he said.

As a programming aid, KFSD asked its audience what kinds of music they preferred: The classical (Mozart, Haydn) era scored tops with 92 percent; followed by 19th-century romantics (Brahms et al) at 87 and baroque (Bach, etc.) at 62. Dead last at 16 percent was contemporary avant-garde music — and that's one reason little of it is played on the station.

Generally speaking, the written media do the best job reaching the upscale market, and Rosenberg does not deny that in researching his market's shopping habits, "We took a leaf out of your (Union-Tribune's) book. You guys do the best research in the world."

Other local stations have done research. Vista-based KMLO, a big band station getting high Arbitron ratings these days, got responses from a mailing, and found 1,233 listeners were white collar and only 96 blue collar — and one-third had some college, said Gene Alfred, general manager.

Noble Multimedia Communications, which owns XETRA AM ("The Mighty 690") and 91X FM, regularly interviews a representative sample of consumers. As a result of the latest sampling, the FM station lists its "contemporary hit radio" rock format and went to the "new wave." Noble executive John Lynch insists

that new wave is not simply punk rock. Moreover, the audience "may not be upscale in age, but it is upscale in lifestyle. Our classic listener is a male 27 years old driving his Porsche to The Rodeo to dance all night."

Rochester, N.Y.-based Gannett, the media powerhouse, owns KSDO and KS 103 FM here. The former features news and talk, with some of the county's best-known personalities, including Ernie Myers and Dave Dawson. "We're more interested in quality. We get the top one-third in income," said general manager George Mills, and Arbitron data bear him out.

Gannett's KS 103 FM format is "adult contemporary," with a generous mixing of the "golden oldies" such as Elvis, targeting the 25 to 49 audience. "Take a female today aged 35. She remembers when she was 17 or 18 (and the Beatles were rolling) — it was a very good time, filled with romance, she was younger and happier," said Mills — and that's how the format nabs a consumer.

Jerry Lee is manager of KJQY, or K-JOY, as it is called, the "easy listening" station with the highest Arbitron ratings in the major age cohorts. People in the middle-age group like the Neil Diamond and Billy Joel melodies recorded on instruments, often exclusively for radio. "We get dozens of calls wanting to know where to buy a certain recording. We say it's not available commercially," said Lee. He thinks the record industry — now in the throes of a deep slump — hurts itself by concentrating on the younger group.

Continued on Page 21

CENTRAL DX ROUNDUP

Robert Kramer
6416 N. Richmond
Chicago, IL 60645

UnDed, Special, Changes, et. al.

- 1110 WHIM RI EAST PROVIDENCE, 2/20 0156 fair on DX Test U/KFAB & WWWE slop, W/CW & Voice IDs, OC & XMAS mx. RK-IL
- 1300 WIMO GA WINDER, 2/19 0026 fair on DX Test (that probably most of you didn't know about, because I received word to late for publication) W/TT, OC & ID. RK-IL
- 1480 WUEZ VA SALAM, 2/1 0600 fair W/S/On, ex-WUEZ. RK-IL
- All da Rest
- 590 KBHS AR HOT SPRINGS, 2/13 1820 poor W/WRTH, W/C&W mx & All American Radio IDs. REM-IL
- 610 KRKE NM ALBUQUERQUE, 2/13 1930 poor-fair u/severe WDAF & SS W/C&W mx & many ment. of "61 Country KRKE". REM-IL TN-WI
- 770 KOB NM ALBUQUERQUE, 2/8 1913 fair ID, sports, wx, WBEM splash, O/WABC, much wanted//
- 1050 WJSB FL CRESTVIEW, 2/4 1831 fair-poor, S/off by woman, alone. TN-WI
- 1060 WKNC GA TALLAPOOSA, 2/8 1828 fair, S/Off. TN-WI
- KNLV NE ORD, 2/15 1919 fair O/KYW W/end of S/Off & FM promo. REM-IL
- 1150 WDEL DE WILMINGTON, 2/15 1915 poor U/KIMM S/Off W/"on 1150 WDEL" & into R&R mx. REM
- KIMM SD RAPID CITY, 2/15 1914 fair O/wk QRM W/end of Paul Harvey, 1cl spot, then S/Off ment. Big Kimm Country. REM-IL
- WYNE WI KIMBERLY, 2/15 1930 fair O/slight QRM W/C&W mx, 1cl spots & 1cl spot. REM-IL (Robert, note correct city of license, ed.)

Gez Whiz, done already:

RK... Alright, I finally get to be first
(R-1000, HQ-140X, HQ-129X, Radio West Loop, Kowalski Loop, spiral loop, peanutbutter sandwich)

REM... Robert McKinney RR# 2 Box 120 Clinton, IL 61727
(R-300, SM-1)

TN... Tim Noonan 7454 Thurston Circle Milwaukee, WI 53218
(SW-4A, Radio West Loop)

ANARC REPORT

Since I've been ANARC Rep for a while, I guess it's time I got around to reporting to you about what's happening, according to the ANARC Newsletter.

Spectronics Inc. 1009 Garfield St. Oak Park, IL 60304 has the Ken-Tech 24 hour SWL Alarm clock for \$19.95 + \$1.50 shipping. The clock has a 24 hour memory alarm & drowse control. Spectronics also has their 1983 catalogue available

MFJ Enterprises has 2 new clocks. The first is a desk clock which features 2 separate & independent 24 hour clocks, 1 for GMT/UTC, the other for local time. They also have a new 24 hour wall clock. The desk clock is \$39.95 & the wall clock is \$49.95. All orders, add \$4.00 for shipping. MFJ's address is; Box 494 Mississippi State, MS 39762 or call their toll free number 800-647-1800.

Service manuals for Hallicrafters equipment are available from Ardc Electronics Box 95 Berwyn, IL 60402. Write them stating a model number & they will send you a price.

Kenwood has released a new receiver, the R-2000, complete with 10 memories, digital readout & dual 24 hour clocks. Frequency coverage is 150 kHz to 30 MHz in 1 MHz bands, up conversion PLL. It features USB, LSB, AM, CW & FM reception modes. Digital readout down to 1/10 of a KHz. Band width 6 KHz AM wide, 2.7 kHz AM narrow, 2.7 kHz SSB, 2.7 or optional 500 hz width in CW & 15 kHz in FM. The price is \$600.00.

Alpha Delta Electronics offers a valuable piece of equipment for solidstate receiver owners. It is a Master AC Control Console, model MACC. The cost is \$79.95. The unit combines features of a power bar & a power surge protector. For more info write Alpha Delta Box 571 Centerville, OH 45459 or phone (513)-435-4772. Add \$4.00 for shipping costs.

FCC to Accept Bids On 13 RKO Licenses For Radio, TV Units

By a Wall Street Journal Staff Reporter
WASHINGTON—The Federal Communications Commission agreed to begin accepting competing applications for 13 radio and television licenses held by RKO General, Inc.

The action was taken to comply with a federal appeals court order last August. The FCC had suspended the competitive license renewal process for the one television and 12 radio stations while it awaited the outcome

of a commission proceeding to determine if RKO was fit to retain television licenses in Boston, New York and Los Angeles. RKO, a subsidiary of General Tire & Rubber Co. can compete for the licenses, the FCC said.

The FCC had voted in June 1980 to strip RKO of those three television licenses because, it said, RKO and General Tire had disclosed their role in cases involving overseas bribery, illegal domestic political contributions and certain antitrust violations. The commission also decided that it should examine the company's qualifications for the other 13 licenses.

In December 1981, the federal appeals court here upheld the denial of RKO's license for WNAC-TV in Boston but ordered the FCC to take another look at its decision involving WOR-TV in New York and KHL-TV in Los Angeles. The commission since

has approved a new license for the former WNAC-TV and, at the direction of Congress, has allowed WOR-TV to move its station to New Jersey, freeing RKO of the threat of losing the license for the time being. A license renewal process for KHL-TV is under way.

The 13 stations whose licenses are to be opened for applications are: KHL and KRTH (FM), Los Angeles; KFRC, San Francisco; WAKY (FM), Fort Lauderdale, Fla.; WFYF (FM), Chicago; WGM5, Bethesda, Md.; WRKO and WROR (FM), Boston; WOR and WRKS (FM), New York; WHBQ and WHBQ-TV, Memphis, and WGM5-FM, Washington, D.C.

Wall Street Journal
2-10-83, via Jeff Brydle

WESTERN

Nancy Hardy
2301 Pacific Avenue
Aberdeen, WA 98520

DX ROUNDUP

All times are
Eastern Local

Phone for hot WDXR tips: (206)532-6827 till 10pm(PLT)--no collect calls

DEADLINES: Tuesdays 3/8, 3/15 (Anniv. Issue!), 3/22, 4/5, 4/26, 5/17, 6/14

REPORTERS FOR THIS ISSUE:

- (TLH) Tony Hemphill-2415 Maple NE-Salem, OR 97303
GE Superadio Plus, Palomar Engineers loop w/amp
- (JH) Jim Hilliker-1502 E. Hedgewood Ave.-Anaheim, CA 92805
Kenwood R-1000, Radio West loop
- (PM) Patrick Martin-P.O. Box 843-Seaside, OR 97138
Hammarlund SP-600JX, E.H. Scott (RBO-2), 1500' east Beverage
(terminated), 200' NE Beverage (terminated)
- (SMM) Steve Mittman-2248 West 37th Street-San Pedro, CA 90732
Realistic TRF, 3' wedge
- (PT) Pete Taylor-2614 Denton St.-San Francisco, CA 94115
- (RW) Robert Wien-1309 Jewettwood Dr.-San Jose, CA 95118
GE Superadio, GE long-range portable, SM-2

OF SPECIAL INTEREST:

- 1190 KEZY CA, Anaheim Tu 2/15 0955-1000 the end of an era. This was KEZY's final hour of mx. Then at 1000 news-type mx, "KEZY, Anaheim, is Newcenter 12, a Harris-Thompson radio station." Into new all-news format. At 1100 carried UPI for the first time. See WDXF for more details. (SMM-CA)
+Tu 2/15 1000 musical intro, ID "KEZY, Anaheim is Newcenter 12, a Harris-Thompson radio station..." And w/that, KEZY after 12 years of being a good top 40, then AOR, then almost all oldies stn became all nx! From 0900-0955 pgm director hosted KEZY's last hour as a mx stn, playing each #1 song from 1970 to 1982. They use live anchors & reporters, w/emphasis on Orange County nx. UPI on hour, CNN at night. (JH-CA)
- 1410 KVEG NV, North Las Vegas Ex-Henderson, Tu 2/15 2156 legal ID as "K-V-E-G, North Las Vegas." This should clear up all the recent questions regarding their current city of license. (SMM)
+Per phone call, say they are now 5kw fulltime & are IDing as North Las Vegas. They are being picked up in Scandinavia and have been for several months, so that's why Bruce hrd them well. (PT-CA)
- 1540 KTIA TX, Ft. Worth which I reported in a recent WDXR, was not in fact KTIA, per letter received, but rather KEDA San Antonio! Per CE at KTIA, they are now KUQQ as of 1/17/83, hours are 0600-0100 & will go 24 hrs soon, & test Th/Fr mornings 0130-0300 on occasion. He explained I hrd ID "Kah-teh-ih-ah," which sounds amazingly like "Kah-eh-deh-ah," & the signal was not that strong, so a mistake could've been made. They ID as "Radio Jalapeno." So, any WC'ers hearing SS on 1540, it's probably KEDA. Oh, well! Got to listen for those IDs better, hi. Is this worth 100 penguin flipper lashes? (RW-CA) (If you insist, Robert, hi.--NH)
- *****
- 550 KFYR ND, Bismarck 2/4 0819-0828 fair w/KOAC off & alternating w/KMVI. ID "K-F-Y-R" & MOR/pop mx. First catch since 1981. (TLH)
- 570 KLUB UT, Salt Lake City good o/u KVI nightly. 2/15 noted ID, net nx at 0100. (PM-OR)
- 590 KHQ WA, Spokane 2/8 0745-0803 good w/KUGN nulled. C&W mx, WA road rpt. & ID "Pull phase radio K-H-Q." NBC net nx. (TLH-OR)
- 620 KTAR AZ, Phoenix 2/10 0430-0434 poor w/KGW off & heavy QRM. ID "K-T-A-R Phoenix," Mutual nx, and (?) Larry King. (TLH-OR)
- (KGW) OR, Portland 2/10 0430+ off. Hoped for picking up new stns but disappointed w/only very poor KTAR catch because of heavy QRM. (TLH-OR)
- 680 (KNBR) CA, San Francisco 2/10 0604-2/11 0414 totally off both days.
- 690 KZKZ AZ, Flagstaff 2/10 0446-0501 fair w/XETRA off. Wx for (RW) Flagstaff, top 40 mx, CBS nx, & "KZKZ Flagstaff" ID. (TLH-CA)
+2/10 0617 xlnrt way o/KGGF w/"K-Z" reminder, incredible signal for 500 watts. Anyone know their current address? Rpt. of 2 weeks ago returned undeliverable to P.O. Box 100. (RW-CA)

- 690 KGGF KS, Coffeyville 2/10 0607 good in varying KZKZ null w/several local spots, KS BKB scores. Only hrd once before. (RW-CA)
(XETRA) ECN, Tijuana 2/10 0605 noted totally off, 690 wide open and slop-free! (RW-CA)
- 730 KSVN UT, Ogden 2/8 0830-0839 poor w/C&W mx and ID "K-S-V-N." (TLH)
- 800 KBUH UT, Bringham City 2/8 0852-0900 poor u/KPDQ carrier w/ID & "K-B-U-H News Update" local nx. CHAB which usually dominates channel absent. (TLH-OR)
- 910 KALL UT, Salt Lake City 2/14 fair o/u KKSX for MOR mx, spots. Noted "Matt Monro" artist at 0130. (PM-OR)
- 930 KHJ CA, Los Angeles 2/10 0543-0602 good alternating w/KAGI w/C&W mx & "Country 93 K-H-J" ID. RKO Information Update News.(TLH)
- 960 KOOL AZ, Phoenix 2/14 0849 weak u/KDOT in KABL null w/clear ID "George---, Traffic Watch, on Cool." Ex-KARZ. (RW-CA)
KDOT UT, Provo 2/8 0922-0934 good o/KYTE-970 slop w/STD mx and "K-Dot" ID. (TLH-OR)
- 990 *KBLS* CA, Santa Barbara 2/8 0440 xlnt on apparent ET w/EZL, IDs, periods of OC, o/KTKT. (RW-CA)
- 1010 KXEG AZ, Tolleson 2/4 0710-0717 poor u/OC w/wx "For downtown Phoenix" & editorial "Todays Feature Story." (TLH-OR)
KCHJ CA, Delano 2/3 0952-1030 fair alternating w/KIQI w/Calif. Ag Net Farm News, & "K-C-H-J Delano, California Country 101."
KIQI CA, San Francisco 2/3 0950-1021 fair alternating (TLH-OR) w/KCHJ w/SS relig. pgm, SS nx, EE ID "K-I-Q-I San Francisco," and SS ID "La Grande Diez Diez" (TLH-OR) (Won't change ID to "Hayward" till it goes fulltime.--NH)
- 1030 KCTA TX, Corpus Christi 2/4 0728-0735 poor u/KTWO w/relig. pgm "Through the Bible" & "K-C-T-A" ID. (TLH-OR)
- 1060 KRSP UT, South Salt Lake City 2/14 0406 caught weak ID, & rr mx, u/CFCN "And now more music on KRSP." (PM-OR)
- 1110 KPIP CA, Roseville 2/9 1026-1053 very good dominating channel w/SS mx & SS ID "K-P-I-P Radio Capitol." (TLH-OR)
- 1120 (KPNW) OR, Eugene-Springfield 2/14 0921 noted totally off. (RW-CA)
- 1230 *KDAC* CA, Ft. Bragg 2/10 0654 good o/KYJC w/OC & "This is K-D-A-C Ft. Bragg, California with carrier..."--testing xmtr. (TLH)
KYJC OR, Medford 2/10 0641-0643 poor u/mess w/"K-Y-J-C" ID and pop mx. (TLH-OR)
- 1250 KIKC MT, Forsyth 2/1 0848-0859 good w/C&W mx & wx "For Eastern Montana." (TLH-OR)
- 1260 KYA CA, San Francisco 2/10 0714-0732 good, dominating channel w/pop/oldies mx, wx "For Bay area," & ID "12-60 K-Y-A." (TLH)
- 1270 KDJI AZ, Holbrook 2/14 0904-0920 out of Ai nx, into spot, faded, Ai Sports, 0908 local ad, ID by DJ "Good morning, happy Valentine's day, it's 10 after 7 from Arizona's #1 music station, K-D-J-I." Into pop mx. Fading, QRM from Mexican on freq. 0917 came back up strong "17 after 7, KDJI," promo for KDJI rock & roll all-stars, ad w/phone number 527-5745 given, spot for Hallmark Shop on Main St., and promo for KDJI Valentine Sweetheart Show. Paded out. Fair to good. New. (JH-CA)
- 1280 KMAS WA, Shelton 2/1 0912-0934 fair alternating w/KIT w/rock mx, "K-mas News," & "Soft Rock K-M-A-S" ID. (TLH-OR)
- 1310 KARY WA, Prosser 2/1 1116-1132 very good dominating channel w/sports, C&W mx, nx "K-A-R-Y News Headlines," & several IDs "K-A-R-Y, Prosser," "Lucky 13 K-A-R-Y," "K-A-R-Y...to bring you sunshine." (TLH-OR)
- 1320 KGNR CA, Sacramento 2/10 2229+ poor u/KCPX w/talk show & "K-G-N-R" ID. (TLH-OR)
KCPX UT, Salt Lake City 2/10 2131-2152 good w/top 40 mx & "K-C-P-X" ID. (TLH-OR)
- 1340 KATY CA, San Luis Obispo 2/10 0754 poor u/KBBR w/ID "K-A-T-Y." (TLH)
KIHR OR, Hood River 2/10 0815 poor u/KBBR w/ID. (TLH-OR)
KBBR OR, North Bend 0753-0806 good o/mess w/C&W mx, AP net nx & ID "Country K-B-B-R" & "K-B-B-R, North Bend." (TLH-OR)
- 1350 KDOV OR, Ashland 2/14 1015 even w/KSRO w/preacher, lost by 1018.
- 1360 KOHU OR, Hermiston 2/10 0840-0902 fair alternating (RW-CA) w/KMO w/C&W mx, local spots, & ID "K-O-H-U...Oregon 1360.(TLH)
- 1370 KEEN CA, San Jose 2/3 0855-0906 good w/C&W mx, local nx, & ID "Radio Keen." (TLH-OR)
KSOP UT, So. Salt Lake City 2/16 very good briefly w/C&W mx and TC, ID at 0715. (PM-OR)
- 1380 KZUL AZ, Parker 2/14 0903 fair o/KTOM in KEEN-1370 null w/ID into relig. program. (RW-CA)

1400 KQMS CA, Redding 2/10 2359+ good o/mess w/NBC net nx, Talknet, & IDing "K-Q-M-S." (TLH-OR)

1460 KQTE CA, Santa Rosa 2/11 0856-0914 poor u/KDON w/BBD/EZL mx and ID "K-Q-T-E." (TLH-OR)

1470 KRBC TX, Abilene 2/15 hrd at 0715 briefly o/KDHN & mess, w/nx story on Abilene school system. New. (PM-OR)

KDHN TX, Dimmitt 2/15 hrd well w/s/on at 0700, giving all info, 500 watts. Followed by C&W mx. New. (PM-OR)

1480 KWIZ CA, Santa Ana 2/14 hrd briefly w/oldies (rr), and ID at 0635. No sign of KAAR, so off?? (PM-OR)

?WRDW? GA, Augusta 2/14 0645 poss. the one in the jumble w/soul mx, Black-gospel type annrc., & hrd end of ID jingle "D-double-U" then lost in mess. (PM-OR)

WSAR MA, Fall River 2/14 hrd very briefly above KLMS w/call letters given at 0615 "on WSAR," then lost to jumble. Didn't have recorder on--darn! New! 1480 is really an interesting freq. w/500' of wire. (PM-OR)

?KEHG? MN, Fosston 2/16 0435 poss. the one w/nx on Fargo, ND and mucho nx on Minn., then lost in jumble. (PM-OR)

?KLEO? NE, Lincoln very good at 0700 on 2/17 w/nx. Sounded like I was DXing in mid-60's, hi. Haven't hrd this one in about 10 years. (PM-OR) (KLEO, ex-KWKN is Wichita, KS. Lincoln, NE is KLMS.-NH)

?WMDD? PR, Fajardo 2/17 poss. the one w/s/on 0500 w/"America the Beautiful" then OM in SS & "La Voz de----." Caught Caribbean mx several times. NRC Log lists 0500 s/on. Tent. rpt. sent. (PK)

1490 KBLF CA, Red Bluff 2/14 0305 good at s/off w/nice vocal SSB. (RW-CA)

1500 (KHTT) CA, San Jose 2/14 0300-0330 totally off this period. (RW-CA)

KSTP MN, St. Paul-Minneapolis 2/16 0400 hrd w/nx & ID. Very strong! O/unID rr. Was looking for WTOP. (PM-OR)

1520 KACY CA, Port Hueneme 2/1 1020-1027 poor w/KYXI nulled. Pop oldies mx w/ID "Kay-Cee." (TLH-OR)

1540 (KZLA) CA, Los Angeles 2/10 0631 off w/overmodulated OC. (RW-CA)

KJZZ WA, Bellevue 2/9 0939-0943 fair o/KZLA w/sports, jazz mx & "Jazz Radio K-J-Z-Z." (TLH-OR)

1550 KXEX CA, Fresno 2/14 0949 good in KKHI null w/"Kah-equis-eh-equis" ID, lost to KR30. (RW-CA)

1560 WPAD KY, Paducah 2/13 hrd very strong o/u KPWC 0250. O/KKAA after KPWC s/off at 0300 or thereabouts. WPAD noted w/C&W mx. (PM)

KKAA SD, Aberdeen 2/14 0346 good o/XEFAJ, apparently AN now, at least WMs. (RW-CA)

1590 KLIV CA, San Jose 2/3 0911-0925 fair alternating w/KBBQ. EZL mx & ID "More Music of Your Life from K-L-I-V." Also 2/9 0904-0923 fair o/others w/EZL mx & ID. (TLH-OR)

(KLIV) 2/11 0332 off for about 5 min. w/OC due to tech. problems. KBBQ strong u/OC, but no sign of KJET. (RW-CA)

KBBQ CA, Ventura-Oxnard 2/3 0916 poor alternating w/KLIV w/ID. (TLH)

KMTI UT, Manti 2/8 1000 poor u/others w/ID. (TLH-OR)

KJET WA, Seattle 2/8 0938-1005 fair w/others w/rock mx & IDs "K-Jet" & "1600 K-J-E-T." Promo collectors--KJET has a new "KJET button." Send requests to KJET Attn: Jeanie Vink, Promotions Dept. (TLH)

1600 KUBA CA, Yuba City 2/9 0840-0900 good o/others w/C&W mx & ID "KUBA Yuba City-Marysville." (TLH-OR)

KBBX UT, Centerville 2/10 0925-0930 fair u/mess w/relig. pgm "Mission to Utah" & ID. (TLH-OR)

Feb. f/c's:

2nd Fri. KLMX-1450 NM 0205-0220 (tent.) (RW-CA)
 KAHL-1410 NE 0215-0230 not heard (RW-CA)

2nd WM KEXO-1230 CO 0215-0225 (tent.) (RW-CA)
 KVSF-1260 NM 0215-0230 not heard (RW-CA)

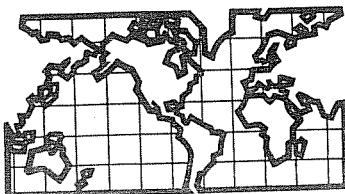
UNID:

1160 Weak stn noted u/KSL 1/14 at 1810, w/C&W mx. Have noted it several times lately when CX towards the east are good. Besides KSL & WJJD, who else could I be hearing?? (PM-OR)

Further help with an UNID:

520 In the 1/8/83 WDXR, ASL reported a "Radio Todos" here, & in the 2/5/83 issue, RW pointed out that XEGM-950 uses that slogan & poss. it was "some sort of image," but went on to say that he couldn't think of a combination that would cause it. If it really were XEGM, such a cross-modulation could have been caused by XEBBC-1470, as 1470 minus 950 = 520. However, it should be noted that XEGM's slogan is actually "Radio Todo" -- not "Todos." (SMM-CA)

Remember March 15--the Anniversary Issue deadline! ♡



DX WORLDWIDE - WEST

Pat Martin - Editor

P.O. Box 843, Seaside, Oregon 97138
(503) 861-3185 - deadline MONDAY

Here we are with another column. All I can say is I wish conditions would improve. Foreign conditions have not been very good for quite a while. It has to be bad to get me to DX Domestic. hi. Last night (2/21), Radio Cook Islands made a showing on 630 KHZ. First time I've heard them in a while. Quite alot of other Pacific stuff was in but nothing to write home about. Well on with reports:

TRANS-ATLANTIC DX ROUNDUP

- 666 UNID, very weak carrier looping NE for a while at 0503 1/30 (NHP-BC)
756 UNID, weak carrier 0455 1/30 looping NE, much too early for NZ. Not a classic TA opening as EX cx were poor (NHP-BC)
1566 UNID, TA carrier 0514 1/21. Odd fading pattern, vry erratic and weak. Similar carriers on 1575 and 1593, but gone by 0530. 1566 returned for a few minutes at 0610. Only noted on loop, not on random wire. (NHP) (Nick, I also hrd something there on the 1500 foot wire, but was too hard to tell what. That was all. PM)

PAN-AMERICAN DX ROUNDUP

- 555 t NICARAGUA, Chinandega-YNS. Man talking fair to poor 0530 2/3, ment. of Nicaragua, Managua, Sandinista. Ballads, then "Yo te quiero mucho mas" song as noted by George Hakiel. Talk at 0555 mostly covered by splatter, but appeared to be s/off. 0640 2/4 with "Yo te quiero..." song again... still going strong at 0700. No formal ID yet. (NHP-BC)
670 UNID, on 2/10 at 1100, SS in KBOI null w/KNBR-680 off, several ments. of Nicaragua' then on hr. hrd ment. of "en Managua, Nicaragua" 3 tone IS. YNAM listed on 660, so not them. Ideas? (RW-Ca) (No Nicaragua station listed on 670 in the new 83 WRTH. Anyone else with ideas? PM)
700 COLOMBIA, Cali HJCK 2/10 at 1125 fair but fluttary in WLW null, KMPC slop, KNBR/XEIRA off. Many spots. Rare here. (RW-Ca)
760 MEXICO, Mexico City-KEABC fair to poor mixing w/KFMB at 0500 2/8 Telling bells on hour w/IC "once de la noche en Mexico" then Greek sounding mx, and commercials. A couple of mentions of "Sonora International" point to this. (NHP-BC)
830 ECUADOR, Guayaquil HCRH2 at 0605 1/19 Ballads and SS talk, poor to fair signal, dominant on channel. At 0620, off-key horns, and man intoned "Huancavilca" Noted again 0740 2/7, poor w/ "Huancavilca" ID over low rowl on channel. (NHP-BC)
825 (oppa) ST. KILIS, Basseterre-0418 2/4 EE talk with 18 after 12 IC, Radio Paradise ID at 0428 after "Sounds in the Night" pgm. Seems to be 0430 S/off rather than 0400. Fair-good signal. (NHP-BC)
840 NICARAGUA, Managua-1201 to 1210 2/8, w/many ments. of Managua and Nicaragua. Persume YNRN, but being Nicaragua??? (RHM-Wa)

TRANS PACIFIC DX ROUNDUP

- 558 FIJI, Suva-Radio Fiji 1 with OM in Fijian vry strong at 0734, w/ Island mx, equal or stronger than KSFO-560 on 2/21 (PM-Or)
585 USSR, Svobodniy Man in CC talk, fair // 648 khz 1535-2/3 (NHP-BC)
621 t TUVALU, prob. the station w/Island mx and OM in lang, Drums at 0600 on 2/21, too much KIPA-620 slop to ID as usual. (PM-Or)
630 COOK ISLANDS, Raretonga-ZKIZC, fair with US Pop mx, mixed with Maori mx, OM in Maori at 0745. No sign of anything else on freq! 2/21 (PM-Or)
639 FIJI, Drasa-Radio Fiji here w/OM in Fijian, // to 558, 0720 on 2/21 (PM)
648 USSR, Vladivostok-CC talk fair // 585 KHZ 1535 2/3, noted w/poor sig. and CC talk at 1505 also (NHP-BC)
738 TAHITI, Papeete FR3 good audio briefly at 0511 1/27. Woman in FF, no SW // audible. 0640 2/7 nil-poor man in FF. 0540 2/14 nil-fair w/ woman in FF // 6135. Is this better modulated now, or has CKLG-730 pulled its sidebands in a bit? (NHP-BC) (CKLG doesn't sound near as strong down here, but I also have changed the antennas. PM)
819 NORTH KOREA, Pyongyang. Man expounding in KK (sounding like a wild preacher) 1504 2/3 Fair signal. (NHP-BC)
830 UNID, Continuous MOR (man w/a acoustic guitar) 1501 2/3 looped NW Is this KABN? (NHP-BC) (Yep, that's it. They play light Jazz and Mor in the mornings with few IDS. PM)

- 1503 UNID'S, 0954 2/7 Clarinet mx at 1002 nx by man w/DU accent, weak mx under. Nil to poor strength and same erratic fades as others in this opening. 1476, 1494, 1566, and 1575 showed audio traces, 1386 1539 and 1548 showed carriers. Everything back to carriers by 1015. (NHP-BC) (Sounds like your unid on 1503 was NZ, at a guess. FM)
- 1512 UNID'S. Two DU signals w/strong SAH one talk one pop mx nil-fair 0937 2/7 (NHP-BC) (One with talk, prob. 2NA, One with Pop mx, poss. NZ with the Tonight Show. FM)
- 1557 UNID'S, 0937 2/7 pop mx w/talk under..." to 11" TC points to NZ. Vv erratic signals. At 1000 Morse come intro to nx w/5 weak pips under, Code intro prob. 2RE, but no firm ID on either. Poor-fair (NHP-BC)
- 1593 UNID, 0950 2/7 main talking w/DU accent, poor to fair, no ID. (NHP-BC) (Prob. IXP-Radio Pacific. FM)
- 1615 NEW ZEALAND, Ohura-OR 0953 2/7 poor but continuous w/MCW "OR" marker ID (NHP-BC)

THANKS TO THESE REPORTERS

- RHM-Wa Roy H. Millar-P.O. Box 1493-Bellevue, Washington 98009
FRG-7 300', or so wire
- NHP-BC Nick Hall-Patch-1538 Amphion Street-Victoria, B.C. V8R 4Z6
Transmogrified HRO, homebrew rx, DX-150A, 3's Box Loop, 50' wire
- RW-Ca Robert Wien-1309 Dentwood Drive-San Jose, California 95118
GE Superradio, GE TRF ca. 1962, SM 2
- FM-Or Yer Editor
SP-600 JK, RBO-2(E.H. Scott), 200' term. NE LW, 1500' term. E Bev.

INDONESIAN LIST UPDATER

The following is a list of changes to the Indonesian station list which appeared in the 1/8 DXM. From David Foster of the Down Under DX Circle, via Pete Taylor. Since typing the list in December, I have obtained a little more information, mostly concerning amendments to station names and addresses. Here are details which would be of greater interest to you and your readers:

- 540 R. Dhingahayu, Jl. Dharma I/119, Barabai - cf. location of Banjarmasin in original list - same province of Kalimantan Selatan though!
- 666 ADD R. Siebra, Jl. Jeruk Raya 27, Semarang (PM4BJD)
- 828 R. Gajah Mada, Jl. Letjen Haryono MT161, Semarang
- 1062 R. Draba, Jakarta Pusat - definitely on this freq., cf. 1017
- 1098 R. No Name, Palembang - cf. 1134 in original list
- 1143 ADD Suara Wajar, Jl. Cendana 8, Tg. Karang
- 1467 R. Lesmana, Bogor - cf. 1404 in original list
- 1512 R. Sonora Muda, Jakarta - definitely on this freq., cf. 1062
- 1539 R. Pariwisata Senaputra (full name) - definitely on this freq., cf. 1359.

Just in case issue 20 is the only copy of DUDXS you have seen, here are some details of RPD stations currently on MW. This info. was published in DUDXS No. 19 (August 1982), and was obtained direct from the stations concerned:

- 785 R. Kotamadya DT2 Bandung, Jl. Jend. A. Yani 296, Bandung, Jawa Barat (ex SW 3301)
- 960 RPKD Deli Serdang, Jl. Brig. Jend. Katamso 43, Lubuk Pakam - Medan, Sumatera Utara (ex 4330a)
- 1134 RSPD Kotamadya Tegal, Jl. Pemuda 4, 'Balaikota', Tegal, Jawa Tengah (ex 2690)
- 1188 RSPKDT2 Kendal, Sekretariat Pemerintah KDT2 Kendal, Kendal, Jawa Tengah
- 1206 RSPDT2 Kab. Purbalingga, Purbalingga, Jawa Tengah (ex 2893)
- 1318 RPD2 Lamongan, Jl. Kombespol M. Duryat 20, Lamongan, Jawa Timur (ex 3552)
- 1335 RPKD Kab. Jombang, Jl. K.H. Wakhid Hasyim 133, Jombang, Jawa Timur (ex 3472)
- 1350 RPKDT2 Kab. Pasuruan, Jl. Hayamwuruk 14, Pasuruan, Jawa Timur (ex 3462)
- 1365 RPKDT2 Trenggalek, Jl. K.H. Wakhid Hasyim 1, Trenggalek, Jawa Timur (ex 4601)
- 1368 RSPD Kab. Pati, Jl. Dr. Wahidin 1, Pati, Jawa Tengah
- 1386 RPKDT2 Majalengka, Jl. Raya Timur, Majalengka, Jawa Barat (ex 2345n)
- 1440 RPD2 Brebes, Jl. Veteran 6, Brebes, Jawa Tengah (ex 3105)
- 1485 RPKD Kab. Madiun, Jl. Alun-Alun Utara 4, Madiun, Jawa Timur
- 1584 RPKDT2 Pamekasan, Jl. Jokotole 57, Pamekasan, Madura, Jawa Timur (ex 3452)
- 1584 RSPKDT2 Demak, Jl. Kyai Singkil 96, Demak, Jawa Tengah.

Continued from Page 15

Amidst all the mellow music, announcers "are not personalities like Hudson & Bauer," said Lee. His competitors denigrate easy listening as simply background music, "but we don't have passive listeners. It's an action audience," he insisted.

Don Nelson manages KSON AM

and FM, a country station. He bristles when competitors say such music attracts a downscale audience. "Every time those studies come out we say, 'Oh, my God.' I started in country radio in 1967 when a Cadillac ad was unheard of. Now we get Mercedes advertising. We've just started a campaign. Some of our listeners have mud on their Guccis!"

The station also has business reports by Gordon Williams and conservative politics from Paul Harvey.

Beginning next month, KSON AM will broadcast professional United States Football League (USFL) games. More than 200 stations in the ABC Radio Networks will carry the broadcast. USFL games will attract an upscale audience, said Nelson.

IRCA COUNTRIES LIST

1 March 1983

As 001 Afghanistan	SA 069 Falkland Islands
NA 002 Alaska	Eu 070 Faroe Islands
Eu 003 Albania	Oc 071 Fiji
Af 004 Algeria	Eu 072 Finland
#As 005 Andaman Islands (India)	Eu 073 France
#Eu 006 Andorra	Af 074 Gabon
Af 007 Angola	#Oc 075 Galapagos Islands (Ecuador)
NA 008 Anguilla	Af 076 Gambia
An 009 Antarctica	Eu 000 Germany
NA 010 Antigua	Eu 077 Federal Republic of (West)
SA 011 Argentina	Eu 078 German Democratic Rep. (East)
Af 012 Ascension Island	Eu 079 West Berlin
Oc 013 Australia	Eu 080 Gibraltar
Eu 014 Austria	Eu 081 Greece
Eu 015 Azores	NA 082 Greenland
NA 016 Bahamas	NA 083 Grenada
As 017 Bahrain	NA 084 Guadeloupe
#As 018 Balearic Islands (Spain)	Oc 085 Guam
As 019 Bangladesh	NA 086 Guatemala
NA 020 Barbados	Af 087 Guinea (Republic)
Eu 021 Belgium	Af 088 Guinea-Bissau
NA 022 Belize	SA 089 Guyane (formerly Guiana)
Af 023 Benin	SA 090 Guyana
NA 024 Bermuda	NA 091 Haiti
SA 025 Bolivia	Oc 092 Hawaii
Af 026 Bophuthatswana	NA 093 Honduras
Af 027 Botswana	As 094 Hong Kong
SA 028 Brazil	Eu 095 Hungary
As 029 Brunei	Eu 096 Iceland
Eu 030 Bulgaria	As 097 India
As 031 Burma	As 098 Indonesia
Af 032 Burundi	As 099 Iran
Af 033 Cameroun	As 100 Iraq
NA 034 Canada	Eu 101 Ireland
Af 035 Canary Islands (Spain)	As 102 Israel
NA 036 Cayman Islands	Eu 103 Italy
Af 037 Central African Republic	Af 104 Ivory Coast
#Af 038 Ceuta (Spain)	NA 105 Jamaica
Af 039 Chad	As 106 Jammu and Kashmir
SA 040 Chile	As 107 Japan
As 000 China	As 108 Kampuchea
As 041 People's Republic of	As 000 Kashmir (see <u>Jammu and Kashmir</u>)
As 042 Republic of (Taiwan)	Af 110 Kenya
As 043 Christmas Island (Indian Ocean)	Oc 111 Kiribati
Oc 044 Christmas Island (Pacific)	As 000 Korea
Oc 045 Cocos (Keeling) Islands	As 112 Democratic People's Rep. (North)
SA 046 Colombia	As 113 Republic of (South)
Af 047 Comoro Islands	As 114 Kuwait
Af 048 Congo	As 115 Laos
Oc 049 Cook Islands	As 116 Lebanon
Eu 050 Corsica (France)	Af 117 Lesotho
NA 051 Costa Rica	Af 118 Liberia
NA 052 Cuba	Af 119 Libya
NA 053 Guantanamo Bay U.S. Naval Base	#Eu 000 Liechtenstein
Eu 000 Cyprus	Oc 120 Lord Howe Island
Eu 054 British Sovereign Base	Eu 121 Luxembourg
Eu 055 Cyprus	As 122 Macau
Eu 056 Turkish Federated State	Af 123 Madagascar
Eu 057 Czechoslovakia	Af 124 Madeira
Eu 058 Denmark	Af 125 Mahore (formerly Mayotte)
As 059 Diego Garcia Island	Af 126 Malawi
Af 060 Djibouti	As 127 Malaysia
NA 061 Dominica	Af 128 Maldives
NA 062 Dominican Republic	Af 129 Mali
Oc 063 Easter Island (Chile)	Eu 130 Malta
SA 064 Ecuador	Oc 131 Marshall Islands
Af 065 Egypt	NA 132 Martinique
NA 066 El Salvador	Af 133 Mauritania
Af 067 Equatorial Guinea	Af 134 Mauritius
Af 068 Ethiopia	Af 000 Mayotte (see <u>Mahore</u>)
	#Af 135 Melilla (Spain)
	NA 136 Mexico
	Oc 137 Micronesia

Oc 138	Midway	As 190	Sri Lanka	
Eu 139	Monaco	Af 191	Sudan	
As 140	Mongolia	SA 192	Suriname	
NA 141	Montserrat	Eu 193	Svalbard (Norway)	
Af 142	Morocco	Af 194	Swaziland	
Af 143	Mozambique	Eu 195	Sweden	
Oc 144	Hauru	Eu 196	Switzerland	
As 145	Nepal	As 197	Syria	
Eu 146	Netherlands (Holland)	Oc 198	Tahiti (French Polynesia/Society Islands)	
NA 147	Netherlands Antilles	As 000	Taiwan (see <u>China, Republic of</u>)	
NA 148	Saba, Sint Maarten	Af 199	Tanzania	
Oc 149	New Caledonia	As 200	Thailand	
Oc 000	New Hebrides (see <u>Vanuatu</u>)	Af 201	Togo	
Oc 150	New Zealand	Af 202	Tonga	
NA 151	Nicaragua	Af 203	Transkei	
Af 152	Niger	SA 204	Trinidad and Tobago	
Af 153	Nigeria	Oc 205	Trust Territory of the Pacific Islands	
Oc 154	Niue	Af 206	Tunisia	
Oc 155	Norfolk Island	Eu 207	Turkey	
Oc 156	Northern Marianas	NA 208	Turks and Caicos	
Eu 157	Norway	Oc 209	Tuvalu	
Af 158	Oman	Af 210	Uganda	
As 159	Pakistan	Eu 211	Union of Soviet Socialist Republics	
NA 160	Panama	As 212	United Arab Emirates	
Oc 161	Papua New Guinea	Eu 000	United Kingdom	
SA 162	Paraguay	#Eu 213	Channel Islands	
SA 163	Peru	Eu 214	England	
As 164	Philippines	Eu 215	Isle of Man	
Eu 165	Poland	Eu 216	Scotland	
Eu 166	Portugal	Eu 217	Ulster	
NA 167	Puerto Rico	Eu 218	Wales	
As 168	Qatar	NA 219	United States of America	
Af 169	Reunion	Af 220	Upper Volta	
Eu 170	Romania	SA 221	Uruguay	
Af 171	Rwanda	Oc 222	Vanuatu (formerly New Hebrides)	
Af 172	Saint Helena	Eu 223	Vatican State	
NA 173	Saint Kitts	#Af 000	Venda	
NA 174	Saint Lucia	SA 224	Venezuela	
NA 175	Saint Pierre et Miquelon	As 225	Vietnam	
NA 176	Saint Vincent	NA 226	Virgin Islands, British	
Oc 177	Samoa, American	NA 227	Virgin Islands, U.S.	
Oc 000	Samoa, Western (see <u>Western Samoa</u>)	Oc 228	Wake Island	
#NA 178	San Andres Island (Colombia)	Oc 229	Wallis and Futuna Islands	
#Eu 000	San Marino	Oc 230	Western Samoa	
Af 179	Sao Tome e Principe	As 000	Yemen	
Eu 180	Sardinia (Italy)	As 231	People's Democratic Republic of	
As 181	Saudia Arabia	As 232	Yemen Arab Republic	
Af 182	Senegal	Eu 233	Yugoslavia	
Af 183	Seychelles	Af 234	Zaire	
Af 184	Sierra Leone	Af 235	Zambia	
As 185	Singapore	Af 236	Zimbabwe	
Oc 186	Solomon Islands		addendum:	
Af 187	Somalia		Af 237	Namibia/Southwest Africa
Af 188	South Africa			
Eu 189	Spain			

**notes on inactive country list

Af G Ghana: When did Ghana cease operations on MW?
 Oc J Iwo Jima: Best lists (which show all 50 and 100-w NKK and private relays) show no MW stations on MW. Does anyone know when MW activity on Iwo Jima ceased?
 Af T Spanish Morocco: When was this country absorbed by Morocco?
 NA V Swan Island: When did Radio Swan/Americas-1157 cease operations?
 As Y Tibet: When was Tibet absorbed by China?

Questions (and answers!) regarding this list may be sent to the Countries List Chairman, Charles A. Taylor, Box 812, Marine Corps Air Station, FPO Seattle 98772....Charlie didn't say what the # stands for but it appears to mean the country doesn't have any medium-wave stations at the moment, but might in the near future.

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