



DX Monitor

Devoted Exclusively to
Broadcast Band DXing

March 32, 1981

Volume 18, Number 28

Issue Number 581

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DX Calendar

Various WFXY-1560, Middlesboro, KY, tests on the first or second Sunday of each month beginning around 0200, until "we know what we need to know". Reception reports can be sent to Christopher L Hicks, CE. This info via Saul Chernos.

What's Happening?

IRCA MEMBERSHIP DUES TO BE REDUCED!!

In these inflationary times, this may come as a shock to you, but effective April 1, 1981 we are reducing our membership dues to \$4 per year. This drastic cut in dues has come about for several reasons:

- * Sales of IRCA reprints, foreign logs, Almanacs, Technical Guides, rubber stamps, stationery, and other goodies have been at an all-time high, bringing in vast amounts of revenue.
- * The Canadian Post Office recently sent us a letter apologizing for the rotten mail service they've given our Canadian members. They promised to provide prompt, efficient delivery in the future. And more important, they enclosed a refund of \$1200, covering the money we spent mailing DXMs to Canada during the last four or five years.
- * We have instituted a vigorous program to combat waste, fraud, and abuse which we estimate will save the club \$7000 per year (so far). The guilty parties have been identified and as part of their punishment will be required to attend Robert Kramer's next get-together, to read an entire issue of Elementary Electronics from cover to cover, and to join NRC.
- * We've discovered a special mailing rate for non-profit hobby clubs headquartered in the western United States. For 2¢ an ounce we can send DX Monitor via first class mail anywhere in the country. This special rate will take effect as soon as we complete the necessary government forms.
- * Phil Bytheway's employer has agreed to let us print 500 copies of DXM each week on the company photocopying machine, free of charge!

All of the above items have resulted in a huge increase in the size of our club bank account. In fact, it's been growing so quickly lately that we're in danger of losing our non-profit status unless we cut our income somewhere. So we decided to roll back our dues to \$4, the amount we charged for third-class delivery when the club was founded in 1964.

FCC TO ELIMINATE AM BROADCAST BAND

Citing continued drops in AM listenership and continued gains in FM listenership, the FCC has voted 7-0 to do away with the AM broadcast band altogether, and move all existing AM broadcasters to the FM band. After this is accomplished, the 540-1600 kHz band will be reallocated for use by CBers.



the irca technical column

Editor: Nick Hall-Patch
1538 Amphion St.
Victoria, B.C. V8R 4Z6
Canada

A TUBE TYPE HOMEBREW BCB DX RECEIVER

by Michael A. Bittner

This homebrew BCB DX receiver was designed not so much with performance in mind, but rather to see what could be put together with used parts stripped out of junked, tube-type, portable radios, with a few surplus parts thrown in. I collect 1940s through 1960, pre-transistor era portables at flea markets and swap meets. Ones in good working condition sell here for \$5 to \$15 depending on appearance, but that's a whole other subject. More pertinent here are the smashed or otherwise non-working junkers (good for parts stripping) that go for 50¢ to \$3 with the typical price being \$1. For your dollar, you get at least a 2-gang tuning capacitor, four tubes, two IF transformers, an audio output transformer, a speaker, an oscillator coil, a loop antenna, and all sorts of miscellaneous useful parts including a few long lengths of hookup wire and maybe a few resistors and ceramic capacitors with long leads. Certain parts should not be saved at all. These are the paper and electrolytic capacitors, and the selenium rectifiers. Usually, failure of one of these items was responsible for the set's being junked in the first place.

What I look for, when picking out a junked portable, is one with slug tuned coils, a 3-gang tuning capacitor, either a ferrite loop antenna or a low impedance, air-core loop with matching transformer, and of course, models with extra longwave or shortwave bands. I then snip out all the parts, being careful to diagram the connections to all coils and transformers so that they can be hooked up properly when later re-used. I also identify the larger parts with stick-on labels for the same reason. A trip to your parts distributor to price a set of Miller coils equivalent to those in my radio will convince you that this whole procedure can be worthwhile. Besides, it's kind of fun and educational insofar as learning how radios are made.

My radio was constructed using tubes from the old style battery portable sets. Two problems common to most tube radios that these sets don't have are: delayed reaction after turn-on, and drift due to warm up. The tubes used in these sets have no cathode to heat up but use the filament itself as the cathode. This filament requires only 1.5 volts, i.e. a flashlight battery, for power. These tubes are on and running as quick as a transistor, and they never become perceptibly warm to the touch, so low is their power consumption. However, they do have the problem of requiring a low current, 90 volt DC power source for plates and screens. I originally planned a 12 volt DC to DC converter to supply both filament and plate/screen voltages, but then I discovered the Radio Shack free battery card! Around my QTH, there is a Radio Shack store on just about every corner of every square mile, so I have no trouble getting enough flashlight and transistor batteries to keep me "on the air". Ten 9-volt batteries make 90 volts, right? So, now my guilty conscience is making me buy stuff at Radio Shack stores that I never intended to buy! (hi)

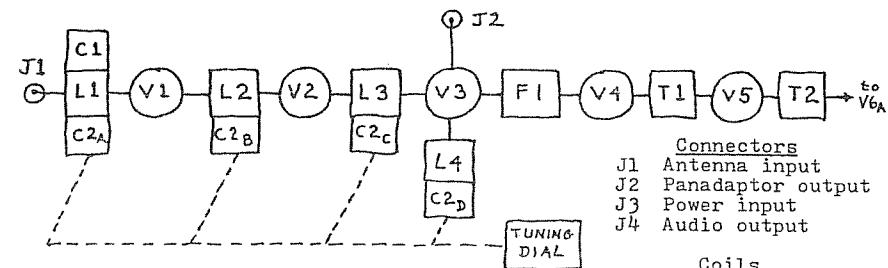
Before describing the circuit, I will mention a few factors that led to this design. I discovered the hobby of BCB DXing quite by accident while listening to one of my flea market portables, an RCA model 6-BX-63 with TRF stage. I was startled to hear a clear, fade-free station identify as KBOI, Boise, Idaho and I'm in southern California. I dropped everything and began tuning up and down the dial just to hear what was coming in, and logged 75 stations that evening. What I learned during that session with regard to the receiver's capabilities were:

- 1) The lack of dial calibration and general sloppiness of the string-type dial and tuning knob were the most troublesome aspects of its design.
- 2) The sensitivity seemed adequate--probably because the idea of foreign DX on BCB had not occurred to me up to that point.
- 3) The selectivity could be improved, as there was much slop-over from local stations.

The idea of using the built-in loop to null locals hadn't occurred to me either. I used the loop to "peak" DX stations! I decided that in a DX receiver, the most important thing would be a well calibrated, backlash free dial. The next most important thing would be a narrower IF passband, and finally I decided, although mistakenly, that I would design it for use with a longwire antenna.

The receiver I built is configured as follows: Referring to the block diagram, the combination L1/C1/C2A form the antenna input tuned circuit.

BLOCK DIAGRAM, 7-TUBE BROADCAST BAND DX RECEIVER

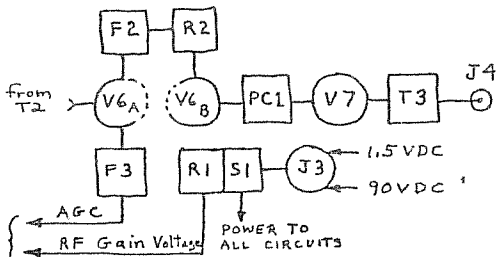


- Connectors**
 J1 Antenna input
 J2 Panadaptor output
 J3 Power input
 J4 Audio output

- Coils**
 L1 Antenna coil
 L2 RF coil
 L3 RF coil
 L4 Oscillator coil

- Variable capacitors**
 C1 Antenna trimmer
 C2 4-gang tuning

- Potentiometers**
 R1 Sensitivity control
 R2 Volume control



- Transformers**
 T1 455 kHz IF
 T2 455 kHz IF
 T3 Audio output

- Coupling network**
 PC1 Pentode audio ceramic circuit

- Filters**
 F1 Mechanical IF, 3.1 kHz bandwidth, 455 kHz center frequency
 F2 Pi-network, low-pass audio filter
 F3 L-section, low-pass AGC filter

- Tubes**
 V1 1T4, first RF amplifier
 V2 1T4, second RF amplifier
 V3 1R5, converter
 V4 1U4, first IF amplifier
 V5 1U4, second IF amplifier
 V6 1U5, diode detector
 V6^A 1U5, first AF amplifier
 V7^B 3V4, AF power amplifier

- Switch**
 S1 DPST on/off

C1 allows peaking this circuit to accommodate different length antennas that might be connected to the set. V1/L2/C2B and V2/L3/C2C are identical TRF amplifier stages. 1T4s were chosen for these stages due to their good AGC characteristics. V3 is a conventional pentagrid converter with L4/C2D forming the local oscillator tuned circuit. This stage feeds the surplus mechanical filter F1 as well as my Heathkit IO-13 panadaptor via J2. V4/T1 and V5/T2 are identical IF amplifier stages. A 1T4 was originally planned for V4, but the high insertion loss of the surplus mechanical filter required that the higher gain 1U4 be used. V6^A is a diode detector feeding filters F2 and F3. F2 feeds detected audio to V6^B via the volume control control R2, while F3 feeds the DC component of the detection process to the control grids of V1, V2 and V4 for automatic gain control. The output of V6^B is fed via the impedance matching network PC1 (a resistor-capacitor network for coupling audio tubes, formerly made by Centralab, #PC-91) to the audio power output stage consisting of V7/T3. I use a pair of series connected 4 ohm speakers connected to J4 for listening. Those free Radio Shack batteries connect to J3, and S1 allows turning the whole thing on and off. R1 controls the screen grid voltage of V1, V2 and V4 for manual RF gain control, allowing local station or DX reception. That's about it. A rather conventional superheterodyne with added RF and IF stages, a couple of extra controls, a good backlash-free dial, and about 90% "user tested" parts in it.

The only new parts are the J.W. Miller MD-5 dial with 9:1 gear ratio (no longer available, though Jackson Bros. still make various dials) and the chassis assembly. A standard, blank 7"x9"x2" aluminum chassis was punched and drilled for sockets, transformers, etc. Front and rear panels were made by cutting down the standard covers for this chassis to 4" height. Due to the dial configuration, the optimum arrangement for the chassis turned out to be upside down with the tubes etc. pointed downward. With

regular tubes, this would cause heat problems. However, with 1.5 volt tubes, heat is no problem and this arrangement has the added benefit of keeping dust off the tuning capacitor and other parts.

I have made no side-by-side comparisons of my radio's performance with established, good DX radios. However, it has managed to provide readable copy on many stations that are unreadable on any of my other AM radios. The radio would be very difficult to duplicate, and I'm not sure I'd recommend it. This first effort does have faults that will be corrected in my next receiver if I can ever find the time to build it. Got all the parts, but no time. (I know the feeling...NHP)

All in all, I've found the experience of BCB DXing with a radio I've built myself to be rewarding, and all the more so for having done it with something created out of what would otherwise have been junk.

* * * *

...and now a brief book review, also from Mike Bittner:

This book is entitled Radios That Work For Free, by K.E. Edwards. Mr. Edwards is a man after my own heart. For although his book is ostensibly about crystal sets, its underlying theme is the fine art of homebrewing radios with scrounged and recycled old radio and TV parts, and other "found" materials. The cover of the book should warm the cockles of any BCB DXer's heart. It shows a homebrew box loop that is as fine a piece of craftsmanship as you'll see anywhere. Apparently Santa got my copy of the book from the Ham Radio Bookstore, but it can be ordered direct from the publisher for five dollars (California residents add 6% sales tax). The address is Radios That Work For Free, Hope and Allen Publishing Co., P.O. Box 535, Belmont, CA 94002.

* * * * *

AN R-7 UPDATE by Don Moman

By the time this gets into print it will have been nearly a year ago that my Drake R-7 arrived. Here are my comments and observations on the first year of the relationship

First I must mention that my R-7 has a tougher life than most--it does a lot of travelling around on DX'peditions and gets bounced around even though it's in a well padded case. But no vibration related problems have surfaced. It was recently on a winter trip where the temperature was -25°C! Yet both my Drake and another R-7 functioned perfectly, even at these extremely cold temperatures.

Not long after I wrote my original review I found the VFO knob was becoming very rough, especially when you tried to turn it rapidly. After lubricating everything that didn't need it, I finally found that a few drops of oil into the the bushing where the VFO knob goes through the front panel cured the problem. I have no complaints about the feel of the dial now.

After becoming interested in MW DX again I started to notice lots of weak heterodynes that were generated internally. Shutting off the digital display via the front panel control removed a lot of the annoying signals. Later I found that sliding the top cover back a few inches made all the noise go away. I built a wooden top for it and that is what I use now. All heterodynes, no matter how weak, are "real" ones and indicate some station on a split frequency is trying to come through. I tried different methods of shielding which improved things a lot, but were never perfect until now. I am sure the hets were not from the power supply, as noticed by others. Two reasons--these hets would really wipe out longwave but I have no problem on longwave; and these hets are not harmonics of a specific frequency (like TVI) as the power supply interference is supposed to be. The nature of the solution makes it unlikely the power supply is the culprit.

The display does create the noise and it is audible on all antennae, and even without any at all. Basically all the noise is coming from the TTL counter chips and/or the multiplexed display and is being carried back into the RF input circuit by placing the cover on the receiver (ground loops?) The wood gets rid of the problem nicely, seeing wood doesn't conduct RF too well! But the wood does make it easier for the loop to pick up noise from the R-7. As the receiver is no longer shielded, I must have the loop about 6 feet away or else I get noise pickup. No problem with a longwire, though there might be if you ran the wire over the top of the unit.

Of course, local signal pickup is also enhanced, but locals are just over S9 with no antenna (with one, they are 70-80 dB over) and are far weaker than I can null them so it's no trouble to me.

Much has been written about the heat that this receiver produces. It does get very hot--too hot to touch if you go right on the heat sink, but so far it has not caused any problems. The readout is still "right on" and I have never had any drifting problem. I have heard that high humidity may cause drifting, but that seldom is a feature of our Alberta weather!

(Continued on next page)

EASTERN DX ROUNDUP

Bob Lazar
1711 Wainwright Drive
Reston, VA 22090

Deadlines: Tuesdays 4/14, 5/5, 6/2, 6/30 ----- All times Eastern

OF SPECIAL INTEREST

1060 WGTR MA Natick, noted full time now 3/14. (KAZ-RI)

- 630 CJET ON Smiths Falls, 0218-0234 MM 3/16 WPRO was off for first SP in ages! Cuba was nulled & about half the time CJET was audible with C&W & MoR mx, ID's & Ontario ads. (KAZ-RI)
660 (WNBC)NY New York, off & testing MM 3/16. (KAZ-RI)
880 (WCBS)NY New York, off & testing MM 3/16. (KAZ-RI)

DX TESTS

- 1090 KNWS IA Waterloo, not heard; bad WWWE slop on TRF. (KAZ-NY)
1220 WKBK NH Keene, heard. (KAZ-RI)
1440 WGIG GA Brunswick, heard. (KAZ-NY)
1450 WFRA PA Franklin, heard. (KAZ-NY)

EASTERN DXER

KAZ - Neil Kazaross, Schenectady, NY (TRF) & Pawtucket, RI (R390A, phased 50 meter longwires, Sanserino loop)

Neil mentions that noise has become "BAD!!!" Something must be wrong, judging by the column's length this week. I suspect local WOHN-1440 may be changing their calls soon: an ad in a local paper doesn't mention the WOHN call letters and states in large type "We're Northern Virginia Country". They're still ID'ing as WOHN but apparently only on the hour. I would guess a call change to WNVC is coming soon. They are directional to the west; to protect WO1-1450, I guess. I never heard them when I lived in Alexandria, about 15 miles southeast. Their local-quality signal only extends about five miles east of their transmitter. 73 until next week.

I've done a few mods on my R-7 to improve certain physical qualities. I added BNC type RF connectors for antenna inputs, and made the AC cord removable by installing a 3-conductor plug. This is what should have been done at the factory--why have a set designed for 12-volt DX with a non-removable 117v AC cord? I also "ruggedized" the circuit boards by using RTV (Silastic--liquid rubber) to minimize a chance of a wire or component coming loose from vibration.

I am still very happy with the R-7 and although some of the features of the NRD-515 would be very nice to have I would only be gaining convenience if I was to "trade". The 515 has one major drawback for me--it is only for 117v AC, and since I do a lot of camping I need a set that runs from 12v DC.

Al Dreham (11714 SW 129 Court, Miami, FL 33186) has created an information exchange between R-7 owners and I have found his letters and comments most interesting and informative in letting us know about other owners' problems and factory answers. Drop him a line for more info. I'd also like to hear from other interested readers. Your comments and questions are always welcome. (ed. note: write to Don at 6815 12th Ave., Edmonton, Alberta, Canada T6K 3J6)

* * * * *

From Armand Di Filippo comes the following information:

Yaesu Musen Co. Ltd. will introduce in April 1981 two companion accessories for the FRG-7700 receiver: the FRV-7700 crystal converter series available in four models each covering three different 10 MHz wide VHF bands; also, the model PF-5 low-pass filter designed to prevent cross modulation and intermodulation distortion on longwave caused by strong signals above 500 kHz.

By May 1981, the new FRT-7700 antenna tuner covering a frequency range from 150 kHz to 30 MHz will be available to the world market. Yaesu promises it will greatly improve reception by rejecting unwanted signals and reducing the effects of overloading by strong signals, as well as providing a proper impedance match between antenna and receiver. It incorporates passive preselection and attenuator functions.

These new products should be of great interest to club members who now own the FRG-7700 or who will make a purchase of one in the future. Prices have not been established as of Feb. 17, 1981. Ask your Yaesu dealer for more information on these new products.

* * * * *

Another long column--thanks for the support folks. Best of DX--*Nick* 5

CENTRAL DX ROUNDUP

Robert Kramer
4639 N. Albany
Chicago, IL 60625

UnIDed, Special, Chenges, et. al.

1240 WEDC IL CHICAGO, off again for the second time in a month 3/21 0125-0312. RK-IL
1330 KWIO IA WATERLOO, 3/21 1955 fair-good W/"KW" IDs. RK-IL
KSJN MN MINNEAPOLIS, 3/21 1959½ popped in W/full ID then gone on new calls. RK-IL
1430 WBMC TN KNOXVILLE, 3/21 0600 fair O/WKEX/WDIC W/S/On on new calls. RK-IL
1590 KRRK MN EAST GRAND FORKS, 3/13 2014 promo for "Doublr R Wild Cards" dom. kHz,
first hrd W/new call. GC-WY

All da Rest

680 KKYX TX SAN ANTONIO, 3/15 loud on ET of TT & OC & 1 ID 0215-0342. NZ-NE
1220 CHSC ON ST CATHERINES, 3/16 poor-fairly good 0104-0200+ W/IDs, pop mx, Wx while
trying for unheard WKBK test. Only second time ever hrd here. NZ-NE (I
wouldn't be suprised if they were hrd all the way to the west coast, with
the signal they had here, especially with the WKBK test, ed.)
1230 KHAS NE HASTINGS, 3/16 good on ET of TT & OC, W/1 ID 0125-0215+. NZ-NE
1240 KWLC IA DECOHAI, 3/21 0150 fair W/Nx, WEDC off. How nice of them. RK-IL
1390 KGRC OK ENID, 3/7 0606 S/on W/tech info & freq. ID. Faint. GC-WY
1420 WVOT NC WILSON, 3/21 0610 fair W/R&R mx, ID. RK-IL
1450 WCVS IL SPRINGFIELD, 3/22 0633 good in WXOL null W/"Scan", ID, Wx, ABC Perspective//
KCDR IA CEDAR RAPIDS, 3/21 1952 fair in WCEV null W/ID. RK-IL
WLEK OH SANDUSKY, 3/16 0350 fair on ET W/ID & OC. WXOL off briefly. RK-IL
1490 KBAB IA INDIANOLA, 3/22 2223 fair in WOPA null W/ID. RK-IL
1500 WDEB TN JAMESTOWN, 3/21 0111 W/ET C&W mx, OC & ID. Good sig. RK-IL
KTXO TX SHERMAN, 3/1 1925 from Country Crossroads into S/off W/info including
owned by KTXO, Inc., blasting O/KSTP. GC-WY, 3/14 good O/KSTP W/Pop test.
Varied TTs & OC & 1 ID by female. IDed as Sherman-Denison. 0201-0237. NZ-NE
1510 KTTT NE COLUMBUS, 3/1 1909 ml ancr W/"Your Radio Station K-Triple T", into rock,
strong. GC-WY
1520 KAMX NM ALBUQUERQUE, 3/5 0953 ml ancr W/ID as "15 X" W/request line 266-7797, very
strong. GC-WY
1540 KILK KS PARSONS, 3/8 0805-0836 from MES into Nx W/promo for Royals 1st game of the
season, promo for sock hop at Parson's VFW, faint but clear. GC-WY
KTIA TX FT WORTH, 2/11 0145 ID as "KTIA 15-40 AM Fort Worth" into song-Let my Heart
Open the Door. Faint. GC-WY
1560 KIQS CA WILLOWS, 3/9 0945 ml ancr stated"...taking a look now at lcl forecast for
Willows, Orland and the entire North Valley...", fading W/KPMC. GC-WY
1570 KSRB AR HARDY, 3/4 0700 S/on W/tech. info, faint. GC-WY
1600 KKEW AZ SOUTH TUCSON, 3/6 2045 comm in SS W/ment of Phoenix & Tucson, fading. GC-WY
KUBA CA YUBA CITY, 3/4 0955 from C&W into state mx by ml ancr & finally UPI nx on
hour. Have been trying for this one for 3 years. GC-WY

Freak Check

1600 WKEN DE DOVER, on F/C per list 0004-0005½ W/TT. No IDs hrd, but was them per call
to stn. Was in quite well. If they'd ID, DE would be a fairly easy state
in midwest W/them. RK-IL

The April Fools

GC.... George Carter 1405 Stonegate Dr. Sheridan, WY 82801
RK.... No, I'm not Mike Jęzeorski
(HQ-129-X, HQ-100C, loops, LW, MFJ-732 audio filter)

A DXer from Savoy, TX sent me a report. I couldn't read his name & he put items on both
sides of the paper (a no-no). Please resend in your report. I would normally return it to
you for correction, but since I didn't know who it was from I couldn't.

RK's Progress Report

	<u>Last Week</u>	<u>This Week</u>	<u># New</u>	<u>To Go</u>
Heard	2889	2897	8	103
QSLed	1944	1950	6	50

April Fuel

560 UnIDed 3/½ 0.0 real strong W/phone in show & IDs as "56 WYMP(?)". Any ideas ??? Jezy-IL
580 WILL IL URBANA, 3/00 2906 good W/Highway Safety message, PSA about the value of a
high school diploma, then reading of Shakespeare & other literary heavies.
Yawn. The BIG Z
670 UnIDed 4/26 3.20 blasting in W/C&W mx & "67 U" Promos. Who ? Jezy

720 UnIDed 5/19 0000000000000 excellent W/semi-talk show, announcers name was Willy Phipps or something & WGM IDs. Jezzy

845 NEPAL Radio Nepal, 3/32 0000 good W/ID "Yo Ho Nepal", talk in NN. GF-IL (With all due respect Go, what makes you think this was Nepal ? de Paul (Blue Demons?))

890 UnIDed 5/19 0000000000001. Top 40 mx & IDs as WLX. Who ? Jezzy

900 WNUU IN Country Club Estates, good W/"It's Lonely At the Top", then Elgar's Pompos and Circumstance March #1. Numero Zilch

1200 WMET IL CHICAGO, decided to move here, tired of being FM Stereo. 2/30 2 1/2 good W/"12.0 Pure Rock and Roll" promos and mentions of B. Rock Whaley. BHS-IL

1240 WEDC IL CHICAGO, at first thought to be relaying WBBW audio but turned out to be WEDC audio. Strange. EB-IL, 3/.06 01 somebody here relaying WEDC audio. Who? GF-IL

1250 WMJZ IL BROOKFIELD ZOO, 3/00 1/2, good W/"Chain Saw Serenade", hard rock, Radio Mike Jeziorski IDs, mentions of Earl Higgins, & promos for the Mike Jeziorski Look-Alike contest. Hogle

1320 WJJD IL CHICAGO, mixing product good W/C&W mx & IDs. Stn. 1000. Jezzy.

1390 UnIDed 3/.06 8, somebody here W/soul mx, in real strong, local quality. Never noted before. ID sounded like WBOM. Any ideas? Jezzy

Credits

GF... Go Forth Chicago, IL
 BB.... Bert Brain % CDXR editor
 BHS... Brick H. Squidly Chicago, IL
 Hogle... Hogle
 Jezzy... Jezzy
 Big Z.... Jaques Zickert Lombard, IL
 Numero Zilch 597 Blackball Rd. Country Club Heights, PA 47353



710-14 WALLER STREET
 PORTSMOUTH, OHIO 45662

Opps Again

NZ... Neil Zank 623 Lyncrest Dr. Lincoln, NE 68510
 (HQ-180A, RF-2600)

Jeff Jaisun overlooked one detail in his rebutal to my statements in the anniversary issue. Rick Evans was not the only person who applied for the contest manager post. There was one other person, me. Rick was picked because he had been contest manager once before. This I maintain is not a valid reason for picking an editor. Unless there is some doubt as to the qualifications of the person involved, the post should ALWAYS go to the person who is most active in the club. I'd really doubt there was any question as to whether I was qualified to be contest manager. I'm not attacking Rick Evans, as has been suggested, just the system that keeps appointing non-contributors to positions of responsibility in the club, solely on what they've done in the past. I personally feel the quality (not the physical, but content) of the club has deteriorated as result. We need to have active people to edit columns. If we can't find somebody for all the columns, maybe we have too many. There are several columns that get little support. An example is Spotlight. Usually 3 or 4 people send in tips. Perhaps we should consider eliminating some columns in the future. I would be interested in what other people feel about this. Would IRCA be better, & perhaps more enthusiastically supported, if there were fewer columns requiring contribution? ?? RK ~ ~ ~ ~ ~

More Rotten News For Canadians

from Bruce Portzter

Unlike a lot of stuff in this week's DX Monitor, the following story is (unfortunately) completely true. Somehow, it seems ironic for it to appear in the April Fool's issue.

For several years, IRCA has been mailing out DX Monitors the way they've been reaching you lately---folded over, fastened with a staple, with a stamp and your address on the back. A couple of months ago, strange things began happening with some of the DXMs bound for Canada: one or two a week began to come back with a stamped message saying International Mail Shall Be Sent in an Envelope. About 95% of the Canada-bound DXMs made it through okay, but each week a couple of them were returned with this rather cryptic message, necessitating their remailing by any number of clever means.

Things finally went from bad to worse the week postage rates went up... When I went to the Post Office on Tuesday 3/24, about 75-80 DXMs were waiting for me: nearly all of the 3/14 & 3/21 DX Monitors destined for Canadians. All were returned because they weren't mailed in envelopes.

After talking to about six or eight postal employees (in person or over the phone), I was able to piece together the following scenario.

It seems there is a postal regulation which does indeed require "letter rate" mail to be in envelopes or "prepared in package form" (they even dragged out a 3-inch thick manual on foreign mailing and showed me the relevant paragraph). It's been on the books for several years, but hasn't been enforced until very recently. They expect to enforce it vigorously in the future.

(Continued on page 18. bp)

WESTERN DX ROUNDUP

Nancy Hardy
2301 Pacific Avenue
Aberdeen, WA 98520

All times are
Eastern Local

Phone for hot WDXR tips: (206)532-6827 till 10:30pm(PT)--no collect calls

DEADLINES: Thursdays 4/16, 5/7, 6/4, 7/2

REPORTERS FOR THIS ISSUE:

- (BH) Bill Hardy-DX'ing from Puyallup, WA
GE 7-2963A portable
- (WJH) Bill Harms-3/16-3/20 DX'ing at Ogden, UT
3/21 DX'ing at Deer Creek Reservoir, UT
Realistic TRF, new Sony ICF-S5W, 1500' E-W Beverage
- (RFK) Ralph Kemper-297-27 3/8 Road-Grand Junction, CO 81503
GE Superadio
- (bp) Bruce Portzer-DX'ing from Ogden, UT
Sony ICF-S5W
- (AJR) Andrew J. Rimmington-559 Clarke Road-Coquitlam, BC V3J 3X4
DX-160, homebrew rx, 4' box loop
- (PT) Pete Taylor-2614 Jackson Street-San Francisco, CA 94115
- (RW) Robert Wien-1309 Dentwood Drive-San Jose, CA 95118
GE long-range portable, SM-2
(RW-LR) DX'ing at Lexington Reservoir, Santa Clara County,
CA w/GE long-range portable

- *****
- 580 CKXR BC, Salmon Atm Tu 3/10 0204 poor u/same uID as 2/11, w/ment.
BC Hotels Assn., C&W mx, "XR" slogan. (AJR-BC)
- 610 KVNU UT, Logan 3/17 2250 AT-40, local ad, then SID. (bp-UT)
- 630 (KHOW) CO, Denver off MM 3/16. (RFK-CO)
CKOV BC, Kelowna Tu 3/10 0148 promo for special Ronnie Milsap pgm,
"63 O-V Country" ID. New--wonder why it's so tough from here?
- 860 CFPR BC, Prince Rupert 3/23 0320 xlnr in KOAM null w/ (AJR-BC)
BC sports, wx, ID as "CBC British Columbia" (As opposed to a
CBU LPRT which ID's as "CBC Vancouver"), faded out. (RW-CA)
- 920 KVEL UT, Vernal 3/19 0646 atop w/ID & C&W mx. (bp-UT)
- 930 KROE WY, Sheridan 3/19 0840 local ad & sports. (bp-UT)
- 940 K?RL OR, Bend 3/17 2105 good in KFRE null w/sports, ID "K?RL-94."
Was looking for CISL. (RW-CA)
- 950 KYES OR, Roseburg 3/17 2115 fair o/u KJR w/s/off. (RW-CA)
- 960 KLAB OR, Klamath Falls Tu 3/10 0328 all I hrd between CFAC eruptions
was "Oregon, K-L-A-D operates..." which could be part of their
s/off. Up past their announced 0300 bedtime, unless it was
just a test. (AJR-BC)
- KGKL TX, San Angelo 3/21 0245 rock mx, ID, PSA; u/KDOT. (bp&WJH-UT)
(CFAC) AB, Calgary Tu 3/10 already off (w/sporadic OC & horrible
noises) when I tuned in 0325. Back on 0344, DJ explained "The
engineers are up there trying to change the batteries." Should
have used alkalines. (AJR-BC)
- 980 (KFWB) CA, Los Angeles 3/23 0316 noted totally off, only usual tandem
CKRM/CKNW in. Is KMBZ NSP? (RW-CA)
KGLN CO, Glenwood Springs 3/19 0635 road rpt. o/u CKNW. No sign of
KFWB. (bp-UT)
- 990 *KKIS* CA, Pittsburg 3/23 0325 noted w/ET of assorted mx. (RW-CA)
- 1000 ?KMLO? CA, Vista 3/16 2020 possibly the BBD mx. (bp-UT)
- 1030 *KTWO* WY, Casper 3/23 0328 noted w/ET of C&W mx, OC. (RW-CA)
- 1100 KREX CO, Grand Junction MM 3/16 0800 all alone w/legal ID, TC, CBS
nx. No sign of KPAX, which normally pegs my S-meter, but doesn't
mean they weren't on--bizarre SRS cx this weekend have been
wiping out regulars to the south of me. (AJR-BC)
- 1150 KBAI CA, Morro Bay 3/2 0255 noted w/pop (current & old) and "K-Bay"
ID. Full s/off at 0305, w/ment. of 5kw & 6:00 s/on. Fair to
good o/KPRZ in KDQQ null, KA?O QRM before 0300. (RFK-CO)
- 1240 KSLV CO, Monte Vista 3/19 0530 atop w/wx & Carnegie Library PSA.
- 1250 ?KHIL? AZ, Willcox 3/17 2021 ad for Tucson RV dealer, (bp-UT)
then C&W mx. Atop freq. then faded u/KNEU. (bp-UT)
- 1260 KCYX OR, McMinnville Wed. 3/11 0100 a regular here, but noted w/HS
BKB "on the OAB Sports Network," which is a new one on me. What
is it? (AJR-BC)(State tournament, "Ore. Assoc. of Broadcasters.")
- 1270 KDJI AZ, Holbrook 3/17 0850 dominant w/Navajo pgm, anncr. used / --NH)
phrase "All right!" a lot. Mixture of rock & Indian chants.
- KCOK CA, Tulare-Visalia MM 3/16 0542 barely making it thru /(bp-UT)
the CHWK OC w/hard rock mx, "O-K (Radio?) 12-70 in Tulare"(AJR)

1260 KVOV NV, Henderson-Las Vegas 3/16 2014 ad for all-day-all-night record store by jive anncr, then soul mx; local KWMS nulled.
 KIT WA, Yakima 3/19 2215 pop mx, ad for place in / (bp-UT)
 Union Jap, w/local KWMS completely nulled. (bp-UT)

1300 ?KPTL? NV, Carson City 3/19 2025 Nevada YL & YM (How's that, Ernie?)
 w/talk on history of gambling in Nevada. O/u unID rr. (bp-UT)

1360 KFIV CA, Modesto 3/19 2020 PSA for Modesto Blood Bank, then sports
 from Enterprise network; atop w/KSOP-1370 splat, then faded w/
 KRKK. (bp-UT)
 WSAI OH, Cincinnati 3/16 0412 "AM 13-60, WSAI" w/song by Anne
 Murray, fair o/KGB for a few minutes. Usual pests KXOL &
 KLFF (ex-KRUX) off. (RFK-CO)

1370 KWRM CA, Corona 3/21 0925 good in KEEN null w/SS ID, SS mx. (RW-LR)
 (KEEN) CA, San Jose 3/19 0002 off on a freak 90 sec. SP. Totally off
 in middle of Nat'l nx. Not enough time to listen for DX. KAST
 may have been in there somewhere, suspect KXLF w/the NBC nx.
 Interesting in that they were officially off the next morning!
 3/20 0353 noted totally off, KSOP in. (RW-CA)

1380 KKZZ CA, Lancaster 3/21 0923 good o/KTOM w/ID. Faded quickly. (RW-LR)

1390 KCEY CA, Turlock 3/16 2010 great w/nx. (bp-UT)
 KCEY 3/16 0345 good on ET w/voice ID & 2 code ID's, then into inst.
 bluegrass mx. Dead air or off 0350. (RFK-CO)
 WVON IL, Chicago 3/16 0353 weak to fair w/ID & jazz. Also a weak
 unID w/segued EZL here. Ideas? (RFK-CO)
 KBBO WA, Yakima 3/19 2223 atop w/local PSA, ID, light inst. mx. No
 sign of KBLQ. (bp-UT)

1430 KJAY CA, Sacramento 3/21 0927 poor in KNTA semi-null w/soft mx,
 wx for Sacramento. (RW-LR)

1450 KYOU CO, Greeley 3/21 0213 Colorado sports & ID o/3Y mud. (bp&WJH-UT)
 KGRZ MT, Missoula Sa 3/14 0738 by itself in strange SRS cx w/fierce
 QRN. MST TC's, C&W mx, spots for Missoula Home & Sport Show,
 local businesses. No ID readable before mass GY s/on 0800 so
 confirmed by phone: definitely them. (AJR-BC)
 KRPM WA, Puyallup Tu 3/24 noted AN while staying overnight in
 Puyallup. Phone call to stn next day confirmed they are now
 24 hours NSP. Modern C&W mx, APR nx on hour. (BH-WA)

1460 *KWIP* OR, Dallas 3/18 0320-0400+ xlt most of time on ET w/many ID's,
 jingles, echo chamber ID's, periods of TT, rr mx. Most prominent
 ID's as "The parade of hits" & "14-60 K-Whip." ET'ing a lot
 lately, really gets out well now. (RW-CA)

1470 KAZM AZ, Sedona 3/17 2015 "Chasm" ID & wx, then BFL mx. Atop freq.
 thru KJQN-1490 slop. (bp-UT)

1480 KWKN KS, Wichita 3/21 0200 ID into Ai nx. Good o/all. (bp&WJH-UT)
 KLMS NE, Lincoln 3/21 0158 good o/QRM w/ID into song. (bp&WJH-UT)
 KUUX NM, Hobbs 3/5 2130 in the QRM w/C&W & pseudo KWX ID (K-Double-
 U-X) by YL DJ. (ex-KWEW) (RFK-CO)

1500 KXRX CA, San Jose semi-local is now "AM-15" rr radio. Ex-nx, teletalk,
 info, etc. Recent change. (PT-CA)

1510?*KKNW?*WA, Mountlake Terrace MM 3/16 0647 probably them--strong signal
 and right loop bearing--but no ID hrd, just pop mx & interest-
 ing colloquy. One man started screaming "Crank it up! Crank it
 up!", the audio suddenly got badly distorted, and someone else
 moaned, "Oh, wowww! Noooo!" I know the feeling, hi. (AJR-BC)

1520 KACY CA, Pt. Hueneme 3/16 2008 strong w/pop mx & local ads. (bp-UT)

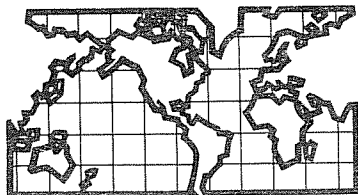
1540 KZLA CA, Los Angeles 3/19 2012 nx then C&W mx, good. (bp-UT)

1560 WPAD KY, Paducah 3/21 0550 ID, spot for a CBS pgm, into a song. (bp&
 1570 ?WFUR? MI, Grand Rapids 3/21 hrd wx forecast & a ment. of / WJH-UT)
 Grand Rapids at 0608 and an ID as "...UR-FM" at 0610. Am
 almost 100% sure, and not sure if this should be counted. GY-
 like mess. (bp&WJH-UT)

1580 KMCE CA, Merced 3/21 1015 fair o/barely audible KDAY w/local spot,
 KLIV-1590 nulled completely. (RW-LR)
 KZIA NM, Albuquerque 3/19 2015 great w/s/off. (bp-UT)

1590 KBBQ CA, Ventura-Oxnard 3/21 0918 good in KLIV null w/"K-bar-B-Q"
 ID's. Wish I could do this to KLIV all the time, hi. (RW-LR)
 KMTI UT, Wanti 3/19 2016 atop w/local ads, ID, pop mx. (bp-UT)
 KZOK WA, Seattle 3/19 0925 anecdote about someone spilling cocaine
 on the floor at a party (the things you hear on the radio
 these days!), local ad(s), rock mx; o/u KLIV. (bp-UT)

1600 KJST CA, Fresno 3/17 2013 nx by YL, then "Kah Hey Esseh Teh" ID o/u
 KLAk et al. (bp-UT)
 KUBA CA, Yuba City 3/19 2000 way atop w/ID & UPI nx, then local &
 Calif. nx. (bp-UT)



DX WORLDWIDE - WEST

Pat Martin - Editor

P.O. Box 843, Seaside, Oregon 97138
(503) 738-3198 - deadline Tuesday

Well here I am again. I'm sorry I have been quite late with this column, but I have just finished moving from Seaside to four miles South of Warrenton, off highway 101. I just bought a mobile home, where I have several thousand feet to put up a good antenna in the direction of the South Pacific. I am about a mile off the ocean now, but much more room for antennas. I am currently using a barbed wire fence at 1000 plus feet long, running mainly East-West. On to the reports:

PAN-AMERICAN DX ROUNDUP

- 810 MEXICO, C. Obregon-XERSV on 2/8-1301 to 1324,ments. of R. Alegria and spots for Coke and International Harvester. KGO off (JJ-Wa)
MEXICO, Tampico-XEFW-2/8 at 1200 s/on,real strong during KGO sp. (JJ-Wa)
- 820 UNID, 2/8-1121-1132,SS taking WBAF to the cleaners. Maybe two stations,thought I hrd a "Tropicana" ment. at 1123-ID at 1130 w/vy fast rap ancr,said "R. Americas" Who is dis? (JJ-Wa)
- 880 MEXICO, XEPNK in Los Nochis,strong at 1325-w/SS mx and record commercial-3/7. (DV-Ca)
- 1037.2 UNID, SS fair to nil at 0910-3/9. (BP-Wa)
- 1060 UNID, Marimba mx good o/KRSP and CFCN null-0953 to 0958-3/9 XEEF? (BP-Wa)
- 1510 UNID, MM-3/2 SS 1210-1219 YL and OM w/mx and muffled tx (JJ-Wa)
- 1560 UNID, 2/16-MM, SS sounded Mexican pop,IDing as R. Tanzania or Canzana at 1207. (JJ-Wa)
- 1560 MEXICO, Nayarit-XERIO-1203 to 1207,MM-3/2,dominating good to xlnt w/Ranchera mx.IDed as "X-E-Rio, una onda de Alegria" (JJ-Wa)

TRANS-PACIFIC DX ROUNDUP

- 657 NORTH KOREA, Kangnam in at 1135-3/5 w/fair signal. Programme was man speaking in KK Is heard here when Index (a) is around 18. (DV-Ca)
NEW ZEALAND, Wellington-2YC-Sunday-3/1 from 1106 to 1159 mostly nx and clas. mx,No pips at top of hour,just mx played through. (JJ-Wa)
- 666 (t)NEW CALEDONIA??, MM-3/2-1025 to 1100 UNID mx and YL tx in poss. FF,w/what sounded like an ID. At 1100 hrd. one long pip 2 sec. long,about 500 hz,but nothing else.(JJ)
- 702 AUSTRALIA, Sydney-2BL,2/16-1029 to 1113 in fair to good w/Radio drama,swing mx,pips at top of hour, nx and "This is the ABC" (JJ-Wa)
- 774 AUSTRALIA, Melbourne-3LO,at 1235 on 2/16,briefly w/clas. mx (piano). (JJ-Wa)
- 828 AUSTRALIA, Sale-3GI-MM 3/2 from 0950 to 1001-YL ancr interviewing somebody on the phone,Six pips at Top of Hour,plus YL and OM talk (JJ-Wa)
*Also hrd at 1200 on 3/5 w/6 pips with mx,lady ancr,fair. (DV-Ca)
- 846 KIRIBATI, Tarawa-MM 3/9,0952 to 1004 in good to xlnt w/KTAC TT.Hrd. uke mx,s/off ann. in EE and native lang.,march anthem and strong CC TT,Best ever. (JJ-Wa)
*Also hrd T3KI in w/fair signal on 3/8-0743-Native drum mx,w/men singing. (DV-Ca)
*Also hrd,south seas mx and man in ver.,then "Coward of the County" by Kenny Rogers, 0925-3/9. Good w/KTAC off and testing. (BP-Wa)
- 882 NEW ZEALAND, suspected at 1020-3/9,hrd. weak cl. mx (JJ-Wa)
- 891 FIJI,Lautoka-believed to be the station hrd w/GSTQ and local anthem.Time was 1105 and the signal was fair-weak.3/5,faded out and then came back w/talk.Fiji needed here, will try again. (DV-Ca) (Dennis: Also give 774 a try,is good here.FM)
*FIJI, also hrd on MM 3/9-1027,man singing in Hindi w/raga-type melody.Fair to poor.(JJ)
- 1008 NEW ZEALAND,Tauranga-1ZD-good w/Pop mx-0853-3/9 (BP-Wa)
- 1035 NEW ZEALAND,Wellingon-2zb,3/9-1116 to 1132-fair to strong w/rr mx, at 1125,TC (JJ)
- 1044 CHINA, Changzhou-hrd w/weak but steady signal at 1316-3/7.Programme was JJ talk (DV)
- 1206 CHINA, Yanji-in w/KK-CC Lang. lessons-fair signal on 3/7 at 1310.Strongest CC hrd.(DV)
- 1476 (t)USSR,Vladivostok???,CC talk hrd,briefly on 3/7 at 1245-Weak. (DV-Ca) (Dennis: There also is a strong CC station here,but the RR is hrd more often.FM)
- 1566 AUSTRALIA, Wangaratta-3NE hrd at 1128 w/American Country Countdown,ID at 1130 then rel pgm. Good signal on 3/2.New. (DV-Ca) (Good catch. FM)

THANKS TO THESE REPORTERS

- JJ-Wa Jef Jaisun-12860 136th Ave. NE-Kirkland, Washington 98033
SP-600,Wedge, due East Bev. 1000 ft.
- BP-Wa Bruce Portzer-6546 19 NE-Seattle,Washington 98115
HQ-1080A -4 ft. loop
- DV-Ca Dennis Vroom-1128 Portland Avenue, #6-Albany, California 94706
HQ-180C 4 ft. box loop

DXWWWWWWW

DX WORLDWIDE WEST WITHIN WESTERN WASHINGTON



In keeping with IRCA's growing trend of splitting DX reports up by region, we are happy to announce another new column aimed at that hotbed of IRCA activity --- the western half of Washington state. Henceforth, those living in Washington west of the Cascade mountains should send their foreign DX to Fullvit Incidentally, 17088 Bloody Mary Lane, Seattle, WA 98722. The rest of you should continue to report to Pat or Neil. Here are the first DXWWWWWWW tips:

- 536 FALKLAND ISLANDS, Stanley, noted w/ET on Bruce's HQ-180 0500 2/29 while he was over at Jef's trying to DX on the Beverage. Clear ID, "This is the Falkland Islands Broadcasting Service conducting equipment tests". Then went into horrible sounding TT, so I turned off the radio and vent and watched TV, instead. (Evelyn Portzer)
- 663.5 GUATEMALA, Ciudad Borrachos, TIPSY, good w/festive sounding pgm 0300 3/16, group of men singing & laughing in SS, occasional sounds of bottles breaking and glugging noises. Several a capella vocals, including one called "como seco yo soy" by slightly off key male group. Possible ID as R. Felicidad (I think), but sounded like "rayo felishadudhic". (B Portzer)
- 860 MEXICO, Tijuana, XEXX, has apparently usurped this channel from XEMO. SS pgm w/clear ID as "dos X, la cervesa de buen gusto" 0700 3/16. What happened to XEMO? (Kornyyuck)
- 1020 UNID, SS here every night after KBCQ s/off. Who? (Hardly) (Couldn't be, they're on 1940. ed)
- 1080 MEXICO, Tijuana, XELAX, now a regular here. Format is light, soothing, melodic mx; typical ID is "no harsh music on X-Lax". (Jassen)

ANTARCTIC DX FORUM

BILL & NANCY PENGUIN, 2301 ANTARCTIC AVE., LITTLE AMERICA, ANTARCTICA 00000

Some of you may be wondering how we penguins got interested in DXing. In fact, some of you may be wondering about penguins altogether, hi.

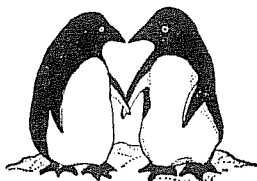
Actually, the current "penguin infestation" in IRCA started as an inside joke between the Portzers and the Hardys, a gag that went public in 1979.

It all started back in 1973 when DXer Nancy Gantzer thought the little embroidered penguin on Bill Hardy's "Munsingwear" shirt was cute, so she gave him a similar shirt for Christmas. After Bill and Nancy were married, they began collecting all sorts of penguin paraphernalia.

Unknown to the Hardys, IRCA members Bruce and Evelyn Portzer also developed an interest in penguins. This startling fact came out into the open at the Westport (Wash.) Beverage antenna DXpedition, hosted by the Hardys, in Jan. 1978. Evelyn wore a T-shirt with several penguins on it. Nancy asked about it, and Evelyn replied, "Oh, I'm a penguin freak."

During 1978, it was a sort of "inside" gag among the Portzers and Hardys. Subtle references to Fleetwood Mac records, Pittsburgh Penguins hockey, etc. But Nancy went public with "penguin-ism" in the March 3, 1979 WDXR by awarding the first "100 lashes with a stiff penguin flipper" to Bruce, who had left the date and time off his KDHN-1470 logging. Bruce replied in the March 17 WDXR. In July, Steve Mittman gave Nancy 100 lashes for one of her mistakes, and the "Stiff Penguin Flipper Award" has been around ever since!

So as you gaze upon the picture of Nancy and I holding flippers, reflect upon the amazing history of IRCA's "unofficial" mascot, -- the penguin!!



EASTERN April Fools DX FORUM

Paul Mount
471 Emerson Avenue
Teaneck, NJ 07666

NIEL WOLFISH 15 Donwoods Grove Toronto ONT M4N 2Y4 (=6) Mar 13
Hello again. Have been (and still am) quite involved with Escuela lately (oh, a Spanish girl, eh? p). Consequently, no DX, but veries in from February catches KCBS, WLBG, WELK, & KPCA. I'm up to 763/276/384. #750 milestone came in February as 1440-WJTT TH. Thought I'd review my top 10 catches of all time... (The hits from coast to coast-p) #10 CBW-640 (in 1979), #9 #9#9#9 YVOV-540 (in 1979) (I thought it would be WWA-900 Pfund Ridge NY-p), #8 WAJF-1490 (in 1979), #7 KPFC-1560 (in 1977), #6 France-1557 (1980), #5 CRU-690 (1977), #4 France-1554 (1977) #3 KGH-790 (1976) #2 TGK-1240 (1978) and top ten catches, # 1, 1, 1, 1, 1, . . .) WKDZ-1110 (1976). Honourable mentions to 1530-WFNC, 1580 WLOU, 1600-WARU, 800 XBRCK, & 1450 WMOG. Time to go. 73s for now.

That concludes the first Forum from an unknowing victim who happened to send in for this issue, not publicized as the anniversary issue was. Next up, the man who's looked to, to solve all your problems, according to Devo -

"When a problem comes along, you must WhiPiT" (and champion of parentheses)
BILL TOWNSHEND 4500 Connecticut Ave NW #901 Washington DC 20008 202-966-8046 Tues 3/17/81 (and second longest address after CAT)

I side with Steve Miller on his logging of KTUC-1400 Tucson AZ from Boston MA at 0445 on the morning after T-Giving (you were listening to WFEL too?p), mainly because of the time. This catch evokes my late brother's catch of KATO-1340 from Reno NV (now KBET) from Washington DC about that time of the morning. True, there weren't anywhere as many AM stations in 1942 as there are now. He was 16 or 17 and in 10th grade at Wilson High School (now in shadows of WDVM-TV-9's mast) (How far from the anchor?p) and I was 10 and had my RCA Victor - 5 tube table model rig for a few months; it was given to me as an Xmas gift in 1941 by him. He DXed on a Philco AC-DC-battery rig an an Atwater Kent rig which he had since I can remember (1836-37). The Philco set went to 1700 kHz but the A-K went to only 1500. To get 1600, where my favorite RR station WINX (with its YL DJ Andrea Fields and W dj Jim Spencer) xmits, you had to space out. The plates of the trimmer condenser or else force the dial, hi. WINX just came on then in 1941 on 1310 and the BCB ended on 1500. The changes came in the early spring of 1942 (A complete history of broadcasting in one Forum, hi-p) Before WINX, there were only four stations broadcasting in the immediate DX Area: WVAL-630 (still there), WRC-950 (now used by WCTH), WOL-1250 (now used by WITH), and WJSV-1460 (now WTCP and freq used by WPRW. Getting back to pre-dawn loggings (I digressed, hi) (uh, yeah, you might say that-p) I logged my WC catches around that time of morning (0300-0500). Even with more stations on 1400, there are still many that shut down at 0000 or 0100 local time. So I back up the MA kid; I was younger than him when I typed up my 1949 vintage DX log, among the entries thereon are several police calls. (But "The MA kid" notes that it was an error, a mistaken tentative. Continues next issue-PRM). WPT.

DAVID YOCIS 190 McDonel East Lansing MI 48825 3/18

In regard to Robert Kramer's recent proposals (see Vol 16 #25 p.4), I doubt whether such an award system will be good for IRCA in the long run. First, any system which evaluates contributors is necessarily arbitrary. An editor could give himself an unfair advantage if he wanted to (like I have over you guys this issue, hi-p). The number of "bogus" and tentative loggings would increase sharply - "I didn't hear an ID, but it must have been them," etc. The more outlandish erroneous reports are easy to catch, but if I claimed to have heard WEXL-1340, Royal Oak (suburban Detroit), would you believe it? (Incidentally, I have never heard WEXL, ever). Of course, the huge majority of IRCAs are honest, but how many times have there been people who have submitted fraudulent reports? I want there to be no doubt whatsoever in my mind that the Roundup reports I read were submitted to tell me what DX was heard, not what DX was imagined to win a contest. Plus, what if an honest DXer who should have won the XDZR award is edged out by a dishonest reporter? Such a person might angrily stop reporting - and rightfully so - and we would lose a talented and useful member. I realize that we need more support of all our columns. I am as guilty as 300 others who do not submit Roundup reports regularly. But a system of encouraging reports that might promote a club-wide scandal is NOT what we need. 73. // PRM: the way I see it, as long as a claim doesn't hurt you (ie financially in contest) it can be or not be in Roundup; it's the stations claimed that do win contests that should definitely be reported for the membership to see. The opposite happened in another club's contest a few years ago-winning member reported only to contest manager and several VERY questionable catches went unnoticed until too late-PRM.

3/19

My week of spring break is nearly over, and one of the things I promised myself that I'd do was contribute to BXE. Besides, I'm trying to outlive a term paper, hi. If anybody read the latest edition of BX Records, they know that I'm starting to mess around with state totals. I realize that this could take a lot of time for some members to compile, but I feel strongly about getting the new section off the ground. That I need is: heard/verified totals from each state & province and (if you feel up to it) best catches from each. So far I have five contributors. As far as the GY totals go, I'm really not worried about those now. I'll probably hand them over to the GDWR editorship (and if he takes over from Niel. I must admit that my heart is not in compiling some areas of the column, such as verified or Foreign totals or GY totals. (As long as you're not asking for Best Albanian, Best Belgian, and Best Senegalese I'm sure you'll live thru it, hi-p). I certainly will keep them up, of course, but since I don't go after foreigners or veries and the Chicago area is probably the GY D. sewer of the world, I feel sort of left out. (Oh, I see, you just don't like seeing your name at the bottom of the list, eh?) That's why I'm so enthusiastic about the state totals. (Other stuff: The library where I used to work has a genealogical atlas with a map of the United States broken up into counties. I've been filling in the counties on my Xerox copy as I hear them, and the result is a relatively clear picture of what I've heard. The map is about 1 1/2 feet by 2 feet, yet most of the county names can be read (it's easier with a magnifying glass). Unfortunately, the map must be copied in thirds, but I can allow plenty of overlap so you can trim the maps and fit them together. A set of copies is yours for a double stamped SASE, a contribution to BX Records, and one ECB sticker of any kind (yes, even Double Country). One last thing: caught WGNW-1560-GH signing off the other night, starting off with "Due to an archaic law..." ah, well, c'est tout. \$\$. Mike. (Should we send # counties h/v too hi-p)

F. RICHARDS-MOUNT 471 E. Herson A. Venue Knee Tech, Kueva Jersey 076666666

I now have two last names due to a mixed marriage. This is the issue where no one sent in any April Fools stuff and instead I had to make merry of your contributions, except after DE's which is serious stuff. I used to dread the trip to Chic, it took all day to get thru Pennsylvania. That was before I could even spell Electrolert, and now I have one of them there receiving devices, and now I makes the trip in 4 hours. (in this here box shaped receiver that sets on my dashboard, I've picked up over 50 transmitting stations from 5 states. Only problem is that my rx has no frequency readout and the audio sounds like one of them Konelrad Air Raid sirens that the stations use for about a minute during the day, and all night without identifying after midnight, and sometimes before midnight too. Antenna is the Aquine antenna perfected by J.D. Bowker - he's from Jcisy too, are you from Jcisy? he he ha ha. That antenna ain't gettin much use due to the water shortage. Oh yeah, other rx is the Rumpier 41KE. It's listed in that new book for DXers who watch the meteorology - Weather Vane Jones. When is a town in Austria. By the way, who did shoot C.R.? So how are you doing? I'm doing as manyas I can, aided by Olsen's Standard Book of British Birds. Since I'll not be able to do a Forum column more memorable than this one, I hereby announce my retirement. Happy April Fools Week PRK.

WDXR...Continued from Page 9

1600 (KBBX) UT, Centerville off the air 3/16 to present (3/21). Xmtir burned down MM 3/16 as per the local media. (bp&WJH-UT)

UNIDS:

- 521 Radio beacon "TO" 3/21 0230 u/"ORG" & "INE." Another one also possibly in the mess. (bp&WJH-UT)
- 920 3/19 0844 contest promo, phone # 3??-5557, then rock mx, ID as mxradio & call sounding like KQLS. Closest thing listed is KKLS. (bp-3/23 0300 just caught a tail end of a SSE in KABL null. / UT)
- 960 Have never known anyone to have a midnight s/off in KABL's null, KDOT/KARZ possible. Could this be KNEZ though wrong looping, or has KLAB gone night now? (RW-CA) (Yes, with 0300 s/off. Try again!--NH)
- 1260 3/16 0315 phone-talk called "Contact" weak in CFRN null. (RFK-CO)
- 1560 Either KFWY or KGHO. Ad for Boat Show in Tacoma Mall, then ments of Olympia & Seattle Mariners 3/20 0907. KFWY is closer to Tacoma, but Bill Harms hears KGHO more often. (bp-UT) (Mall does buy ads on KGHO.--NH)
- 1630 A radio beacon "ASHC" 3/21 0257 w/fair-weak signal. (bp&WJH-UT)

A reminder to watch the beginning of the column for deadlines. We won't be weekly anymore till fall! ♡

EASTERN DX BOREDOM

"INVENIS NEW HEATING SYSTEM"

Sven Svensen - Nensengatan 1179 - Abbafjord, SWEDEN

Our DXpedition in northern Sweden a year ago had some unexpected results. The rugged terrain at the site prevented erection of the usual Beverages aimed at North America. There was one long flat stretch of land running southwards for 5 km. to the shore of a large lake. We had brought enough wire for several Beverages, so we grafted it all together and made a 5 km. "Super-Bev" to the lakeshore from our cabin. As we brought the wire into the shack, strange things started to happen. Although the wire was insulated, a definite tingle was obtained when it was held. Coffee was ready, so we took a break; as we were drinking it, one of our crew observed that the coffee had boiled without the pot ever having been plugged in. The frequency counter across the room, not connected to anything, read 1593; a little map work showed that our super-Bev was pointed straight at Langenberg! At this point we figured that the Beverage had so much voltage on it that connecting it to the FRG7 directly would blast the rig to oblivion. Any resistors we put from the Beverage to ground burnt up within seconds. The only hefty chunk of resistive metal we had was our cast-iron woodburning stove. A thick groundwire was tied to the bottom of the stove and the Beverage to the top. Though the stove was empty, it threw off considerable warmth. We kept warm the whole week-end without ever using the birch logs we had stacked outside. Using an indoor shortwave near the stove, German stations banged in on the receiver. Since then, Beverage heating has become popular throughout Scandinavia's northern reaches that never see the sun in winter. Superpowered Russian & German stations are harnessed extensively. Back-up woodstoves are still used during auroral conditions.

"WHEN MUTTON LISTENS, PEOPLE TALK ... ESPECIALLY ON WSB"

E. F. Mutton - P. O. Box 30030 - Hotlanta, GA 2087

The great "Dixie DX Fest & Chicken BBQ" here last week drew in members from throughout the South. The Monday Morning Wide Receiver, not a football player but a 2-mHz. bandwidth video recorder modified to tape the RF signals of the entire AM band, was displayed. The 6-hour tape permitted a total of 642 hours of domestic listening (107 channels X 6 hours), and nearly again as much foreign-split DXing time. The first step in making the tape useful was to have it drive a spectrum analyser feeding a lineprinter. The printout gave us a minute-by-minute signal-strength chart for each channel: this was useful to see when stations signed off or on. Using this technique, we DXed many new stations by advancing the tape to an appropriate time and feeding the recorder output into an R390A set to the frequency of interest. W.P. T. Barnum dropped by with his palm-tree DX tapes of KOMA from Samoa. Similar studies done here (with loblolly pines) show that trees must be "visited" by dogs no more than an hour before DXing for enhancement to be noticed. The result of this: a new column, Dog Dew DX Digest, to appear soon. We expect a lot of reports of Iranian stations. There was only one sour note to the GTG: one unscrupulous member had sold \$100 worth of KORL-650 bumper-stickers (about 10 stickers) to rabid, crazed bumper-sticker collectors before a Hawaiian DXer arrived and proved that the stickers were counterfeits: they were from a garage in Buffalo, not from Hawaii. At the prices some of these wild-eyed collectors pay, it's no wonder that bogus bumper-stickers and radio T-shirts are showing up. Well, I'd better go now - the mailman just arrived with another 20-page LA DX report from Kaz Eckworth in Lobstergansett, RI. I get tired of typing up a column with the same routine Chilean 250-watters every week, but what can you do?

"BIG DOIN'S AT SOUTHFORK"

Houston Crankford - on DXpedition to Southfork, TX.

Ol' J. R., a good buddy of mine at the oil company, let me go out to his ranch and string up some phased rhombics in the "back 40". Things started off with a humdrum Brazilian opening. I'm 80% confident that we got R. Inconfidencia on 880, or maybe I should say that I'm 20% sure that we heard R. Confidencia. After logging R. Margarita on 1020 with Jimmy Buffett mx. about living on sponge-cake, I promptly logged R. Piña Colada with a Rupert Holmes song about "doing it" in the dunes on the Cape. ("Doing it" = DXing? -editor) Surinam - 725 was in there with their usual mélange of Hindu punk, country disco, classical reggae, and chainsaw music of your life. R. Moron-1530 had Slim Whitman versions of Gary Numan records. RANI - 914 had K-Tel record offer ads for 20 great Greenlandic whale symphonies and Latvian cheese dances. That new-concept Reloj Cuban was heard: it operates from 0530 to 1630 local time and uses its frequency to indicate time. Sure enough, from 0815 to 0825 Havana time, it was heard travelling right across WBAP! Now your frequency counter can double as a digital clock. Bootleg WQB - 520 was heard with new-wave format: "B-52" ID jingle & a song about strobe lights. Fourth Reich Radio in Paraguay was in like a storm-trooper, a fan letter from a DX listener in New Jersey was read. Of course we got a chuckle out of the border Mexican stations with their ads for "Dr. Pedro Jones's Senior-Citizen's Doubleheader", a powdered ram's horn baldness cure & gland rejuvenator. All in all, ol' J. R. & I had a good time with the Pan-American DX and the Lone Star Beer. 73

"BUDDING ELECTRONICS GENIUS"

Steve Diller - Captain Glotz Condominiums - Whiffenpoof, CT

Vol. 69 - Index 13 A brief note to say that I've finished my Nelsontronics DXing Robot kit. Just a few years ago, this DXer was a raw rookie in the field of electronics. When I showed up at Kazman's beach cottage DX get-together in 1978, they had all they could do to convince me that a "TTL Cookbook" would not help in the kitchen and that a "CMOS Bugbook" would not help me find organic seaweed-based insect sprays for my tomato plants. I thought a PROM was what you took your girlfriend to, not a little black plastic thing with some metal pins sticking out of it. When they talked about COBOL & FORTRAN, I assumed that the discussion concerned old "Man from UNCLE" TV shows and James Bond movies. I figured that software was ladies' lingerie. I owe a debt of gratitude to that master PA. DXer, Mr. "I Don't Get No Respect" Dangerfield, who furnished me with the addresses of technical correspondence schools. 1001001 !

"A REVOLUTION IN RADIO RATINGS REPORTING"

Matt Parton - Transpacific Thruway - Oceanside, OR

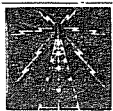
I've gotten a little bored at hearing those same old Aussies & Zedders every morning; frankly most of them sound alike with their slushy MoR formats: after all, how much Olivia Newton John/Barry Manilow/Englebert Humperdinck crooning can an intelligent person listen to without some rock to break up the monotony? Often, I've wondered which of these stations have the greatest share of their home audiences. So, a new facet of DXing has been instituted here. Since Down-Unders come in so well here, I figured that the local oscillator signals from receivers in that area might propagate in on a really good night. This was borne out one night when a few weak carriers appeared on 1193, exactly 455 kHz. above Tahiti on 738. I could now do an "Arbitron" type rating of DU stations, all the way across the big pond! As most listeners don't tune precisely and because 455-kHz. IF's vary a bit, carriers were individually discernable as they were spread over about a kHz. To facilitate my tele-ratings project, a radically new type of high-gain superdirective aerial system became necessary. Sixteen ocean-terminated Beverages feed 8 phasing units; these 8 feed 4 more units; those 4 go to 2 more phasers; and finally the last two go to a final phasing unit ahead of the receiver. This design has been dubbed the "RF Gun"; beamwidth is about 5° horizontal and 10° vertical when all 15 phasing boxes are properly adjusted. This is done by a microprocessor-controlled servo mechanism. Gain is about 90 db. over an SM2 loop. With my old rusty trusty Scott receiver & the RF Gun antenna, I have been successful in rating stations in specific markets in the US, Canada, Mexico, Japan, New Zealand, and Australia by receiving local oscillator signals from listeners' radios and subtracting 455 kHz. Costa Rica posed a special problem: the local oscillator signals from receivers tuned to 5-kHz. splits like TIW-775 landed on domestic channels (e. g. 1230 for TIW). I had to do sophisticated triangulation work with Wedge Jason in Zucchini, CA to ascertain which 1230 carriers emanated from radios in San José. This new state-of-the-art technology has made rating service diaries obsolete. I'm now working on a similar instantaneous rating scheme for FM & TV.

DXtras

* NEWSFLASH * FBI exposes radio cult in California

In a press release today, FBI officials stated that they have rounded up members of a strange cult which met in the early hours of Monday mornings in the woods behind a suburban residential area near San Francisco. Residents had long complained that sleeping was difficult when the noisy group sat around a campfire and played their portable radios. One resident, Mrs. Myra Spritzel, said "Those kids must be on pot. They sit around and just get noises, whistles, and 3 or 4 stations mixed together on their radios. They never listen to a clear, understandable station." When members of the group tried to persuade neighbours to turn off their TV's & light dimmers, that was the straw that broke the camel's back. One all-night TV watcher had air let out of his tires. Others noticed wires running through their backyards. Arrested members of the cult stated that they met to listen to distant stations, a practice they called "DXing". An apparent object of ritual worship, called a "Space Magnet", was confiscated by Bureau officials in a daring pre-dawn raid. Members are presently being "de-programmed" at a local university: they are placed in a dark, hot, stuffy room and are forced to 8-hour tapes of local AM channels ("graveyarders" in the sinister arcane argot of the cultists). Most of the time the tapes are an incomprehensible jumble of competing signals. When one station does arise and begins to identify itself, a horrendous buzzing noise is added to the tape to blot out the station. Officials state that the buzzing is what does the trick: cultists, like flies given a malathion martini, stumble out of the de-programming sessions only wanting to listen to beautiful music on FM. They eagerly march into a padded room for a milk & cookie dinner. As this case is now solved, FBI brass now envision that they may now be able to deal with "spare-time" cases such as robberies and murders.

BOOK OFFER: T. M. Doonesbury - "Unabridged Guide to Medium-Wave Spy Stations - including stations run by CIA, KGB, KAOS, UNCLE, THRUSH, SPECTRE, & SMERSH" Volume I, a 700-pager, zeroes in on metropolitan Miami, FL. A must for serious DXers. Forward by 15 Tom Kneitel.



Western DX Forum

☆☆☆☆

IRCA—Serving the Broadcast Band DX'er Since 1964

Editor: Ric Heald • 814B Ohio Street • Vallejo, California 94590 USA

1980/1 Deadlines—Every **Wednesday** 10 Days Prior to Publication Date through 18 March 1981
(Note: **Tuesday** Deadlines Prior to U.S. Holidays and 3-Day Weekends)

ANDREW J. RIMMINGTON, 559 CLARKE RD., COQUITLAM, BC V3J 3X4

Congratulations are due Bill Hardy and crew on the new Almanac. . . an amazing production for an all-volunteer crew (and it certainly doesn't suffer by comparison with some of the commercially-published logs, etc., either, hi).

One thing I've thought might make a worthwhile addition to a future Almanac would be a listing of domestic stations broadcasting in foreign languages. There are getting to be quite a few of them around, and they can be rather confusing to those of us who don't speak the languages involved. I mentioned this to Bill Hardy, who pointed out that a case could be made for including such a list in the Foreign Log rather than the Almanac. . . certainly there wouldn't be much point in duplicating it in both publications.

It's like to know what other IRCAs think of all this. If there's enough interest to make it worth doing I'll be happy to do the necessary compilation and typing and pass it on to Bill, or to whomever's in charge of whatever publication is considered most appropriate. Of course it would have to depend on members' contributions, and I'm sure we'd never achieve anything like 100 percent accuracy and completeness; but I think even a partial list would be a big help to those of us, for instance, who have been puzzled by the FF on 1310 (who is that anyway, CIOK?) and don't speak the language well enough to figure it out. 73. (Andrew, for years I've been trying to stir interest in U.S. SS stations for just such a list, but to date, about four contributions-RtH.)

BILL HARMS, UNIVERSITY STATION, P.O. BOX 7428, PROVO, UT 84602 - 10 Mar 1981

Just a short forum to check in. On the weekend of 27 February, my wife was out of town, I was deep in schoolwork, so I decided to travel to Deer Creek Reservoir for the weekend. Heard a total of 57 new stations, two states (AR with KAAV 1090 and AL with WTQX 1570) and a new country (Jamaica 700 - report off). Only other halfway significant "foreign DX" was the EC pest, R. Moscow with World Service on 600 from Cuba. They did quite a number on the 600 kHz domestic junk. They should be fairly easy on a Beverage almost anywhere on the west coast. Report off to them too.

Best on 1570 (which really opened up) might be WHLP or WIL0. The frequency sounded like a graveyard. Had about ten new ones there. The Mexicans and Canadians were weak. Also open were 900 and 1220.

Many new veries lately including KMMJ 750, WIBV 1260 and KCLE 1120 (with 250 watts). The latter two were the first that their stations have been heard and reported from Utah. The verie signer for KCLE was in Park City, Utah when I heard them. He was surprised to know they could be heard in Utah.

Ric, I think you're doing a good job with WDXF and hope you're feeling better. (Thanks for the kind words, Bill. Got over the flu, now a cold; I can't win, hi-RtH.)

Ric, did you get my letter, cassette, etc.? I haven't heard from you yet. (Yes, and cassette is in the mail. Taped my show - for you - on one side, and liked it so much, I was using it for audition tapes, hi. Sorry for the delay-RtH.) 73 de WJH.

RICHARD ECKMAN, 2900 E. AURORA AVE., #359, BOULDER, CO 80303 - 17 Mar 1981

Greetings. I haven't had much of a chance to DX since the end of the winter break. I'm busy again as a teaching assistant and doing a research project at the NOAA/Space Environment Laboratory in ionospheric physics this semester.

TVI continues to plague my DX'ing when I get a chance. It's usually still very noticeable at 0200 local time which doesn't particularly help in my search for TPs and DUs.

I must take strong exception with a recent mention of a coalition of BoD candidates attempting to get IRCA "working again." The idea that IRCA is not competitive with NRC is absurd. The proposal to increase dues by any amount to reward frequent reporting is silly. A dues increase for this purpose, par-

ticularly because it's likely that the dues will be raised with the upcoming postage hikes, is just not feasible to many members. As a member of three DX clubs, I find it hard enough to pay the dues for all of them on my limited student income. I'm sure others have the same problem.

Efforts should be undertaken to reduce dues, if at all possible, or at least to keep them from rising significantly. Co-operation during the off-season with the NRC in scheduling bulletins to come out on alternate weeks is another idea which should be looked into because there are so many joint IRCA/NRC members who are paying over \$30 annually for membership in both clubs and getting bulletins with identical information during the summer.

With spring break next week I should have more time to DX and hopefully to log a few DUS if conditions are favorable. 73.

GARY STONE, RT. 1, BOX 2B, SAVOY, TX (214) 965-4912 prepaid

Hello. Well, I'm finally settled in my new home. Moving, and all that goes with it, is really for the birds. I've started my DX'ing all over and I have been partly busy just logging the easy ones (KNOX 630, WMAQ 670, etc.). Not too much real DX though.

I strung a 180-foot longwire and it seems to be doing fine. Plans call for a loop soon. From my new Texas location, the Cubans, Mexicans, etc., seem to boom in.

Ernie Cooper, in EDXF of DXM, 07 March, in case you didn't get enough answers from your question about interference, drop me a line and I will send you various older methods of filtering which have really worked well for me on my NC-173.

Someone please direct me as to who to ask about IRCA contests. I asked when I sent my dues in but no answer. Happy spring to all. 73 and good DX.

TED FLEISCHAKER (W.J. FLYWHEEL), P.O. BOX 26254, SAN FRANCISCO, CA 94126

Greetings again. . .let's see if this old typer will hold out for one more of these fun forums. . .seems half the keys stick and the rest just don't work (maybe I should volunteer as an editor, hi).

At any rate, not much DX time here, but Louisville's like a radio heaven now that we have not one but two Big Band AM stations. Yes, folks, despite rock, country and all the new wave, big bands are now in competition somewhere for the first time in at least a decade or two as WINN 1240 and WXVW 1450 both changed to the format within a week of each other. WXVW continues, for the time being, with a lot of sports. And they do an all-night talk show, while WINN is all big bands and standards. WINN is self-programmed (yes, they are using a lot of my records I loaned them, hi), and WXVW is the syndicated Big Band format, but both are great and besides, it's like living in 1945 again. (Again? I didn't think you were that old, hi-Rth.)

In other area radio news, WCII 1080 has tried, we're told, to get the old call, WKLO, back again, but the Danville, Kentucky station that has it refuses to sell it back. Seems the Danville station's owner was a WKLO freak when he was a kid and says he won't give it up. WKLO was country back in the '40s, by the way, and that's why they want it back now that they're country again.

Louisville rating show FM'ers on top. . .WAMZ topping the heap with automation, which may say something for the local audience.

Hope to see all in Calgary this summer. Anybody want to come back to Louisville in 1982? The Hyatt says they'll be cheap and promise no fire drills at 3 AM. 73.

GARY LARSON, 2806 LINCOLN, BURBANK, CA 91504 - 19 March 1981

Interesting forum regarding KDOR 830. Called Dick Dorwat and found out he was shut down again. Also found his antenna wire gauge is 14, so he said he was putting out 250 watts. The area's phones were also picking up KDOR.

Talked to a few people on the Quartz Hill H.S. track team at a local meet and asked them about the two towers I was informed of off Avenue M and 50th St. W, and was told it isn't an AM transmitter, but a microwave facility.

Guess KUTY 1470 will put up a tower or two at the current site. Also I find from talking to the track people that KAVL 610 is now more popular than KUTY. One person even said a lot of the younger people listen to the Los Angeles FM'ers, like KNX, and other more powerful AM'ers. (Did you find out who the buying crowd, 25-50, listens to?-Rth.)

May have to let my membership expire due to many bills here. Also I haven't any current log or guide for stations, so I really am not up on all station changes. 73. (Don't let your membership expire, Gary. One good help would be to religiously follow Broadcasting Info, reprinted in DXM for time to time-Rth.)

RIC HEALD, 814B OHIO ST., VALLEJO, CA 94590 (707) 644-0700 to 2200 PLT and prepaid - 25 March 1981

Greetings, and all that. Gary, good to have a regular contributor from the Lone Star state. Lots of ex-Texans in this area as evidenced by their heavy requesting of Texas music, i.e. Willie, Waylon, Tompall, Hank Jr., et al. I really dig the music.

I'd like to comment on a couple of the forums. First, Richard, do me a favor. Go over to the Economics department there at U of CO and check 1980 prices with 1979. Facts are facts, double-digit inflation is a reality and the price is paid right on down the line. IRCA has excellent management and has not raised dues in some time. Have you seen a recent IRCA financial statement? We simply don't have the funds to cut costs. Going from loose-leaf to booklet form was negligible in costs. Likewise, reducing the number of issues would be negligible. I believe our printer has not raised his cost to us since Seattle picked up the publishing duties a couple years back, and in a time when printing costs are soaring. I think you meant monthly instead of weekly summer issues, but why should we do it with NRC? I don't belong to NRC for one simple reason. I get nothing out of it being a west coast DX'er. No, nothing wrong with NRC, but that's my impression. And IRCA has had for some years now, a much higher percentage of active contributors than NRC. I would, however, like a little more elaboration regarding your statements of rewarding frequent reporters by raising dues. I was always under the impression that IRCA encouraged frequent reporting by as many people as possible so as to provide as much information and as many tips as possible.

Robert Kramer, I appreciate the nomination for the BoD. As a past and effective BoD member, I wholeheartedly accept. However, I do agree in great part with Jaisun's comments regarding your comments in the Anniversary issue. Please do not feel guilty or berate IRCA members in CDXR turf. We editors have all had light columns from time to time. JJ is right. This is an all volunteer organization, and sometimes members enthusiastically accept a job and then something unexpectedly comes up, or simply, they bite off more than they can chew. It could be that for some strange reason, few were DX'ing during your report period, or people were just too busy (or lazy, hi) to report. For some (including myself at times) it's a great effort to sit at a typewriter and knock off a contribution to various columns, especially after putting in upwards of 12 hours at what's suppose to be a nine-to-five job. For example, if I were to bill IRCA for services rendered: typing (\$8/hr), paper, postage, typewriter film, etc., the bill would be about \$500-600 a year. But I am more than glad to contribute my time to a club in which I really believe and 100 percent support. But remember, this is a hobby, which Webster says is, "A pursuit or interest engaged in for relaxation." CDXP was discontinued years ago, not for lack of interest, but lack of numbers. Look at the state-by-state breakdown of IRCans in CDXR-land; some of the least populous states (and provinces) fall into that area. . .so keep plugging away, you have a good column.

I'm way over, so will sign off. Good to DX to all and 73 de Rth. .

* * * * *
Continued from page 7

I asked whether we could put tape around the edges and was told "You can try it and see what happens..." I was also told that, since postage rates had gone up since the 3/14 & 3/21 DXMs were first mailed, they would have to be remailed at the new (higher) postage rates, regardless of how I remailed them. I also found out I could get a refund for the \$17.76 in postage already paid, if I remailed them in envelopes. (Normally I would have had to turn in the DXMs, as well as the cancelled stamps, in order to get a refund, but they made an exception in this case, bless their souls!) So after matching up DXMs, I stuffed each person's 3/14 & 3/21 DXM in an envelope & addressed it; hauled all 10 lbs worth of DXMs & envelopes back to the P.O. on 3/26, got my money back, bought more stamps, and remailed them. Hopefully, if our luck improves, they might someday reach their destination.

I'm not sure what all this means at this point. It's not impossible that the next dues increase will be higher for Canadians than for U.S. members. We may be able to seal the edges with tape, thus minimizing costs; or we may simply ship all Canadians' DXMs en masse to Nick Hall-Patch for remailing (which would cost a couple bucks per member per year). Mailing each Canadian bound DXM in an envelope direct from Seattle would cost an outrageous \$7 extra per Canuck per year! Oddly enough, WTFDA in Chicago has had no such problem w/Canadian bulletins, and NRC in Louisville has had very few probs. Watch future DXMs for more on this sickening saga. And if you're wondering why it took 9 days for the P.O. to return those 3/14 issues, you're not alone.

SLOGAN LIST UPDATER

by Nick Hall-Patch

abbreviations used in this list:

(rp)--remove parentheses

(rsw) replace slogan with

First of all, a typo in the last updater: KDJQ-AZ on 1510 was indicated as KDJZ for some strange reason...Now, on to the meat of this missive:

560	KLVI-TX (add) Country 56	1270	CHAT-AB (add) Supercountry
580	WIBW-KS% (rp) R. 58	1280	KYRO-MO* 12-80 Country
600	WTAC-MI (rp) Rock 60		WNAM-WI Blue 1-28
	WREC-TN (rsw) Total R. 60		CJSL-SK (add) Saskatchewan's Country giant
	WVAR-WV* (rsw) The country giant of West Virginia	1300	KYNO-CA (rp) "Kino"
680	WBDC-MI Great voice of the North		WIBR-LA (rsw) I-13
690	WVOK-AL* (add) The mighty 6-90 from Birmingham		WIMG-NJ& I-13
	KKUA-HI K-"koo-ah"	1310	WGRC-NY* Music of your life
	WTIX-LA (add) Your supersonic station, Your favorite music station		KNOX-ND Someplace special, Where the superstars are
740	KTRH-TX (add) Houston's News Authority	1320	WDXI-TN (rsw) Someplace special
790	WMC-TN (rsw) Best Country 79		KHRT-ND* K-heart
820	WEAP-TX Super Country 8-20	1330	WEET-VA* (rp) Wheat
870	KJIM-TX* (rsw) K-jim		KPH-KS (rsw) Kansas country
880	WFRD-OH* (add) Columbus 8-80		WFBC-VA (add) Great place to be
900	WKAJ-NY* Century 21	1340	WBTM-VA BTM
910	KNEW-CA (rsw) Classical Country 1350		WRAA-VA* W-'rah'
	WOKK-MS 91 Country		KPRK-MT PRK, Park country
920	WTTM-NJ Double T 93	1360	KIHR-OR (add) Mid-Columbia AM
	WBBB-NC* (add) Burlington's Entertainer	1380	WBSG-GA* G-135
	CFRY-MB (add) Manitoba Country	1390	WSMB-LA SMB
930	WITN-NC Your Adult Contemporary Music station	1400	KKBJ-MN North Country
	WGNT-WV R. 93	1410	KCKO-WA* (rsw) 14 K gold
950	WSPA-SC (add) Total R. 95		KBLQ-UT (add) Q
970	WFLA-FL (add) News Authority	1400	WJQS-MS (listed as WJOS) delete slogan
	WUPY-MI* R. 97	1420	KSIM-MO 14 country
990	KKIS-CA (rp) K-kiss		WUNI-AL (add) one and only
	WNYR-NY Winner		KRIG-TX (add) Part of your life in West Texas
1010	KKIK-TX* KK		WAOC-FL* Country sunshine
1050	CJNB-SK (add) The rock of the northwest		WRCG-GA The new RCG, The southern connection
1060	WNOE-LA (add) Your station	1430	WHK-OH Cleveland country, HK
	WKKQ-MN* (rp) Super Q		KYNG-OR* King
1070	WINA-VA R. one-oh-seven	1440	KNTA-CA (rp) R. Kanta
1110	WSLV-TN* Gospel R.		WQPD-FL (rp) 14 QPD
1130	WDTM-TN* Country Lovin' 11-30		KXAM-AZ* 14-40 kicks
1140	KLDY-MO* Solid Gold 11-40	1470	WRBA-IL R. RBA
1150	WJRD-AL (add) Tuscaloosa's Favorite		WHHH-OH AM 14-40
	KBAI-CA* (add) Winner of the coast		KEYS-TX (rp) Keys
	KDQQ-NM delete slogan	1480	WMBD-IL (rsw) Your major league sports station
	KIMM-SD* Kim		WRML-PA* Coal Power County R.
1190	KNBA-CA* Sound of the North Bay		KWUN-CA& (add) Contra Costa's K-15
1220	KZYM-MO* Country Music R., K-zim, (rp) The little giant		WRDW-GA Studio 14
1230	WBHP-AL (add) Best country		KBEA-KS Newsradio 14-80
	KATO-AZ (rp) "Kayto"		WWKO-NC* Carolina's Country Music Authority, Country K
	WJNO-FL Newsradio		WUEZ-VA* The voice of the Roanoke Valley
	KOZI-WA (add) R. Lake Chelan	1490	KOFE-ID Coffee
1240	KESE-CA (rsw) K-easy		WPOR-ME (rp) AM 15
1260	WKXW-NJ KX one-oh-one and a half		WNUS-MA delete, now WQXQ
			WQXQ-MA 15 Q
			WCSS-NY Rock of the Mohawk Valley

Continued on Page 23. bp

SPORTS NETWORKS

1981 Major League Baseball

Dave Yocis 190 E McDonel E Lansing, MI 48825

We are yet to receive networks from the following teams: Atlanta, Detroit, Houston, Montreal, New York Mets, New York Yankees, St. Louis, San Francisco, and Texas. Anyone who can provide these lists, please send them to me at the above address. I plan on running an updater in about four weeks, assuming we have sufficient information.

Thanks to Tom Arey who provided some of the networks.

1981 Major League Baseball

Symbols used : * - Daytimer. + - FM simulcast
 % - Shares Time # - Specified Hours
 & - Carrys a small number of games
 ? - May or may not be on network
 Flagships are underlined.

Other symbols as we need them.

ATLANTA BRAVES

750 WSE GA Atlanta and regional network.

BALTIMORE ORIOLES

610 WIOD	FL Miami	1280 WTTY**	VA Appomattox	1450 WILM	DE Wilmington
930 WFMD	MD Frederick	1300 WFER	MD Baltimore	WTHU	MD Thurmont
960 WEOC	MD Salisbury	1330 WASA+	MD Havra da Grace	1460 WRAD*	VA Radford
1000 WKDE**	VA Altavista	1340 WNAV	MD Annapolis	1470 WTTR**	MD Westminster
1010 WCST**	WV Berkeley Spgs	WKEX+	VA Covington	1480 WLEE%	VA Richmond
120C WDAI&	TX San Antonio	WJMA+	VA Grange	1490 WARK	MD Hagerstown
1220 WLSG**	VA Big Stone Gap	WEPH	WV Martinsubrg	WUSS	NJ Atlantic City
1230 WJNO	FL W Palm Beach	1350 WRWV	NJ Princeton	WAYE	VA Waynesbro
WFVA+	VA Fredericksbrg	WZLX	PA York	1500 WTOP	DC Washington
1240 WCEH+	MD Cambridge	1370 WKIK	MD Leonardtown	1520 WEXM**	VA Exmore
1270 WLER	PA Lebanon	1400 WHLF+	VA So Boston	1590 WETT	MD Ocean City
1280 WPKV	NY Rochester	1420 WDDY**	VA Gloucester	WCBG	PA Chambersburg
WEVR	PA Hanover	1440 WKLV**	VA Blackstone	1600 WKEN*	DE Dover

plus 6 additional FM.

BOSTON RED SOX

550 WDEV	VT Waterbury	1240 WFTH	NH Franklin	1390 WPLM+	MA Plymouth
560 WGAN	ME Portland	WMOK	RI Woonsocket	1400 WIDE+	ME Biddeford
580 WTAG	MA Worcester	1250 WARE	MA Ware	WHEP	MA Northhampton
610 WIOD	FL Miami	1270 WSPR	MA Springfield	WTSL	NH Hanover
WGIR	ME Manchester	1280 WAEK	ME Augusta	WLTN	NH Littleton
790 WRUM**	ME Rumford	WEIK	MA Fitchburg	1420 WWSR*	VT St. Albans
860 WSBS	MA Gt Earrington	1290 WKNE	NH Keene	1450 WLNK+	ME Lincoln
900 WKXA**	ME Brunswick	1300 WPHH**	NH Plymouth	WRKD	ME Rockland
910 WAEI	ME Bangor	1340 WIME	ME Dover	WKRI	RI W Warwick
920 WELJ	RI Providence	WHOU+	ME Houlton	WTSA	VT Brattleboro
930 WNCN	NH Rochester	WNEH	MA N Bedford	1460 WBEET	MA Brackton
950 WAGN	ME Presque Isle	WERK	MA Pittsfield	148C WSAR	MA Fall River
1060 WTIC	CT Hartford	WTVN	VT St Johnsbur	1490 WSRP	FL Winter Haven
1230 WQDI	ME Calais	1350 WINY*	CT Putnam	WTVL+	ME Waterville
WENE	MA No Adams	1370 WDEA+	ME Ellsworth	WMRC	MA Milford
WMOU+	ME Berlin	1380 WKTJ+	ME Farmington	WEMJ	NH Laconia
WERI	RI Westerly	WBBX	NH Portsmouth	WPAD	VT Middlebury
WUOY	VT Burlington	WSTE	VT Rutland	WIKI	VT Newport
1240 WMKR+	ME Millinocket	1390 WCAT*	MA Orange	1510 WJLC	CT NewLondon
WHAI+	MA Greenfield			WITS	MA Boston
WOCF	MA W Yarmouth				

plus 6 additional FM.

CALIFORNIA ANGELS

710 KABC	CA Los Angeles	1230 KPRL	CA Paso Robles	1400 KRCQ	CA Indio
920 KORK	NV Las Vegas	1240 KSMA	CA Santa Maria	KTUC	AZ Tuscon
1010 KCHJ	CA Delano	1340 KFBR	AZ Nogales	KAAP	CA Ventura
KCKJ	CA Palms Sprgs	KDOL	CA Mojave	1440 KPPO	CA San Bernardino
1230 KATC	CA Earslow	KATI	CA San Luis Obspo	1450 KTIP	CA Porterville
KXO	CA El Centro				

plus 1 additional FM.

CHICAGO CUES

720 WGN IL Chicago plus network to be determined.

CHICAGO WHITE SOX

780 WBEK IL Chicago ONLY. No network.

CINCINNATI REDS

560 WJLS	WV Beckeley	1230 WIRO	OH Ironton	1400 WBTH	WV Williamson
580 WCBS	WV Charleston	1240 WBHU	IN Anderson	1410 WLEJ	KY Bowling Green
630 WLAP	KY Lexington	WFTM+	KY Maysville	1440 WFGW*	IN Portland
660 WCTT	KY Corbin	WSFC+	KY Somerset	WHIS	WV Bluefield
700 WLM	OH Cincinnati	WHIZ	OH Zanesville	1450 WSTU	FL Stuart
910 WPTF	OH Middletown	1250 WGL	IN Fort Wayne	WLKS	KY Liberty
920 WGNV	OH Columbus	WCHO**	OH Washnhtn CH	WPAR	WV Parkersburg
WLIV**	TN Livingston	1270 WVKY*	KY Louisa	1490 WKFV+	IN Richmond
930 WGBT	WV Huntington	1290 WOHF*	OH Bellaire	WPKY	KY Frankfort
970 WAVE	KY Louisville	WHIO	OH Dayton	WKAY+	KY Glasgow
990 WJEH**	OH Gallipolis	WVOW+	WV Logan	WBEX**	OH Chillicothe
1010 WHEV**	VA Marion	1310 WIFE	IN Indianapolis	WMOA	OH Marietta
1050 WHEO**	FL Tampa	1330 WKOV**	OH Wellston	WOPI	TN Brastol
WNES**	KY Central City	1340 WBIN**	IN Bedford	1520 WSVL	IN Shelbyville
1110 WCBR**	KY Richmond	WLEC	IN Muncie	1540 WGRK**	KY Greensburg
1150 WLOC**	KY Mufordville	WMOV	WV Montgomery	WNRN**	OH Circleville
WIMA	OH Lima	WXEE	WV Welch	1550 WCVL	IN Circleville
1230 WJNO&	FL W Palm Beach	1390 WMPO**	OH Middleport	1570 WKKS*	KY Vanceburg
WHIR	KY Danville	1400 WCYN+	KY Cynthiana	WPTW**	OH Piqua
WANO	KY Pineville	WPAY+	OH Portsmouth		plus 36 more FM.

CLEVELAND INDIANS

960 WPRO**	OH Fremont	1280 WONV	OH Defiance	1520+WKNT+	OH Kent
960 WWST**	OH Wooster	1340 WNCO	OH Ashland	1540 WBCO*	OH Bucyrus
990 WTRG*	OH Massillon	1400 WMAN	OH Mansfield	WETC*	OH Uhrichsville
1100 WJAE	OH Cleveland	1440 WBBH	OH Warren	1590 WAKR	OH Akron
1240 WDEM+	OH Youngstown	1450 WLEC	OH Sandusky	1600 WAQI*	OH Ashtabula
1260 WLKX	PA Erie	1490 WBGW+	PA Meadsville		plus 10 more FM.

DETROIT TIGERS

760 WJR MI Detroit plus regional network to be announced later.

HOUSTON ASTROS

Nothing received to date, were on KPRC-950, I think, last year.

KANSAS CITY ROYALS

1 560 WLEW	KS Topeka	1280 KSOK	KS Arkansas City	1450 KCM	KS Hutchinson
680 KPRC	MO St Joseph	KDKD**	MO Clinton	WBBH	MO Joplin
690 KCGF	KS Coffeyville	1300 KVOR*	CO Colo Springs	KOKO	MO Warrensburg
740 KRMA	OK Tulsa	KTMO**	MO Marshall	KIKH	MO Clayton
880 KRVT	NE Lexington	1340 KSEK	KS Pittsburg	KGGF	OK Shawnee
940 KSNL**	MO Aurora	KGFML	NE Kearney	1460 KKOY**	KS Chanute
960 KMA	IA Shenandoah	1350 KRVT	IA Des Moines	1470 KARE	KS Atchison
960 KHEZ	MO Kansas City	1360 KSCJ	IA Iowa City	KGBM**	MO Brookfield
1060 KLRN**	MO Longmont	KOBY**	KS El Dorado	1490 KD.O+	MO Carthage
1130 KYOC+	MO Bolivar	1370 KGNQ	KS Dodge City	KDRO	MO Sedalia
1150 KSAL	KS Salinas	KIKS**	KS Iola	KKAK	KS Phillipsburg
1190 KRLD**	KS Beloit	KWRT	MO Booneville	1510 KANS**	KS Larned
1206 WOAI	TX San Antonio	1390 KAKO**	AR Rogers	KTTT**	NE Columbus
1220 KOPH+	KS Ottawa	KCKK**	KS Concordia	1530 KBS**	IA Denison
1230 KTRC	NE Falls City	1400 KOOC+	IA Centerville	KHAI**	MO Butler
1240 WINKL	FL Ft Meyers	KAYS	KS Hays	1540 KLRK**	KS Parsons
KIUL	KS Gard City	KTMC	OK McAlester	1560 KAEI**	KS Abeline
KAKZ	KS Wichita	1420 KULY	KS Ulysses	1570 KLEX**	MO Lexington
KNEH	MO Nevada	KBTH	MO Neosho	KOLS**	OK Pryor
KFOR	NE Lincoln	1430 KAOL**	MO Carrollton	KJUY**	KS Marysville
KODY	NE Mo Platte	KRGI+	NE Grand Island	1580 KNDH**	MO Maryville
1260 KGEX	MO Springfield	1440 KCHE**	IA Cherokee	1590 KVGB	KS Great Bend
					plus 28 more FM.

LOS ANGELES DODGERS

ENGLISH network:

610 KAVL	CA Lancaster	970 KCHV	CA Coachilla	1400 KONG	CA Visalia
620 KTAZ	AZ Phoenix	1230 KIBS	CA Bishop	1440 KUHL	CA Santa Monica
720 KDMJ	NV Las Vegas	1250 KTMZ	CA Sta Brabara	1450 KPFI	CA Palm Springs
790 KABC	CA Los Angeles	1300 KROP	CA Brawley	KUEN+	CA Ventura
920 KVEO	CA S L Obispo	1370 KVRJ	CA Corona	1490 KGUD	CA Banning
		1400 KTUC	AZ Tuscon	1560 KPHC	CA Bakersfield
		1020 KTNQ	CA Los Angeles		ONLY - no SS network.

plus 6 more FM (all EE)

Please send any and all changes to me at 190 McDonel, East Lansing MI 48825. Many stations add or drop various teams over the course of the season, so there WILL likely be changes to be made! For the same reason, do NOT assume a definite logging without an ID# even if there's only one station listed on the channel.

MILWAUKEE BREWERS

550 WSAU	WI	Wausau	1240	WOBT	WI	Rhineland	1440	WNFL	WI	Green Bay	
570 WMAF	WI	Marinette	1260	WWIS*	WI	Black Riv Falls	1450	WMIQ	MI	Iron Mountain	
580 WKTY	WI	LaCrosse		WEKZ**	WI	Monroe		KFIZ	WI	Pond du Lac	
590 WJMS	MI	Ironwood	1270	WRJC**	WI	Mauston		WDLE	WI	Marshfield	
680 WDEC	MI	Escanaba	1310	WIBA	WI	Madison		WRCO+	WI	Richland Center	
980 WREI**	WI	Park Falls	1320	WFHR	WI	Wisc Rapids	1430	WBEV*	WI	Baever Dam	
	WPRE**	WI	Prar du Chein	1330	WHBL	WI	Sheboygan	1490	WTLQ	MI	Manistowic
1090	WIS+	WI	Berlin	1340	WLIDY	WI	Ladysmith		WIGM	WI	Medford
1130	WIS*	WI	Milwaukee	1360	WMNE**	WI	Menominee 1	1550	WEVR**	WI	River Falls
1230	WIKM	MI	Iron River	1380	WBEL	WI	Beloit	1580	WTRW**	WI	Watertown
	WHDY	WI	Appleton	1400	WATW+	WI	Ashland	1590	WSWV	WI	Platteville
1240	WJPD	MI	Ishpeming		WJJK	WI	Eau Claire	1600	WMCW*	IL	Harvard
	WEKZ**	WI	Monroe		WRDE	WI	Reedsburg				plus 10 FM.

MINNESOTA TWINS

570 WDAY	SE	Wauktor	1240	KDLR	ND	Devil's Lake	1410	KRWB	MN	Roseau	
600 KSJE	ND	Jamestown	1250	KBRF	MN	Fregus Falls	1450	KBUN	MN	Bemidji	
800 WCCO	MI	Maneapolis	1260	KROX	MO	Crookston		KGCA	ND	Rugby	
930 KDAY	ND	Fargo	1270	KEOM	ND	Eismarck	1480	KGDX	MT	Sidney	
1040	WFC	IA	Des Moines	1340	KVER	MN	Erainerd		KSDR*	SD	Watertown
1230	WKLK	MI	Cloquet		KDLM	MI	Detroit Lks	1490	KXRA	MI	Alexandria
1240	WTTM	MI	Hibbing	1400	WVIL	MI	Long Prairie	1590	KRAD	MI	E Gr Forks
	WOBT	WI	Rhineland				no FM.				

MONTREAL EXPOS

600 CFCF PQ Montreal flagships the EE network; 730 CKAC PQ Montreal heads the FF. EE games can be heard in the daytime on the EC on CFCF-5005 Shortwave, Montreal, 500w.

NEW YORK METS

570 WJCA NY New York and network to be determined. Incidentally, we haven't had a Met network for a couple years - can anybody help out?

NEW YORK YANKEES

770 WABC NY New York and network to be determined.

OAKLAND A'S

560 KSFO	CA	San Francisco	970	KBEE	CA	Modesto	1400	KQMS	CA	Redding
580 KMJ	CA	Fresno	980	KINS	CA	Eureka	1490	KBLF	CA	Red Bluff
620 KWSB	CA	Mt Shasta	1340	KORV	CA	Orville	1530	KPFB	CA	Sacramento
630 KOH	CA	Reno				plus 1 FM.				

PHILADELPHIA PHILLIES

850 WEEU	PA	Reading	1320	WGET	PA	Gettysburg	1420	WCOJ	PA	Coatesville
930 WTRD**	DE	Milford	1340	WTAN	FL	Clearwater	1450	WJIN	NJ	Atlantic City
1060 KYW	PA	Philadelphia		WBRE+	PA	Wilkes-Barre	1480	WISL+	PA	Shamokin
1070 WKOK	PA	Sunbury	1350	WHWH	NJ	Princeton	1490	WAZL	PA	Hazleton
1150 WDEL	DE	Wilmington	1360	WKAT	FL	Miami		WLPA	PA	Lancaster
1220 WJUM*	PA	Mexico		WPPA	PA	Pottsville		WBCE	PA	Levittown
1230 WBPZ	PA	Lock Haven	1400	WEST	PA	Easton	1580	WRDI**	NJ	Hamonton
1270 WLBR	PA	Lebanon		WRAC	PA	Williamsport				plus 6 additional fm

PITTSBURGH PIRATES

990 WBFS	PA	Uniontown	1310	WBFD*	PA	Bedford	1400	WPQZ	WV	Clarksburg
920 WMMN	WV	Fairmont	1330	WKG1?	WV	N Martinsville		WKWK	WV	Wheeling
970 WMLF*	PA	Bellefonte	1340	WSTV	OH	Staubenville	1420	WCED	PA	DuBois
1020 KDKA	PA	Pittsburgh		WCVI	PA	Connelsville	1440	WAJR	WV	Morgantown
1150 WHUN**	PA	Huntingdon		WTRN	PA	Tyrone	1450	WGBW?	PA	Farrell
1230 WTIV	PA	Titusville	1390	WKLP**	WV	Kyser	1470	WBAR?	PA	Farrell
1250 WJNO?	FL	W Palm Bch	1400	WAMQ	PA	Loretto	1490	WTRL	PA	Bradenton
1250 WLEM*	PA	Emporium		WKBI	PA	St, Mary's		WMOA	OR	Marietta
1270 WCBC	MD	Cumberland					1490	WESB?	PA	Bradford
1280 WKST	PA	N Castle					1580	WANB**	PA	Waynesburg

ST. LOUIS CARDINALS

As per usual, we have no info from the Cardinals this year - KMOX-1120 St. Louis should be the flagship.

SAN DIEGO PADRES

EE: KPME-760 San Diego, CA No Network last year; didn't say this year.

SS: KEXX-1420 Tijuana, BCN plus network.

SAN FRANCISCO GIANTS

No information, were on KNBR-680 last year (or was that KCBS-740...my mind fails me again)

SEATTLE MARINERS

570 KVI	WA Seattle	960 KALE	WA Tri-Cities	1450 KBKW*	WA Aberdeen
920 KITN	WA Olympia	1230 KRDR	OR Gresham	1490 KTEL	WA Walla Walla
KXLY	WA Spokane	1400 KEDO	WA Longview		plus 4 more FM.

TEXAS RANGERS

820 WEAP TX Fort Worth and network to be determined.

TORONTO BLUE JAYS

560 CJKL	ON Kirkland Lk	950 CKBB	ON Barrie	1340 CKNR	ON Elliot Lake
630 CJET	ON Smiths Falls	980 CHEX	ON Peterborough	1400 CKCB	ON Collingwood
710 CJRN	ON Niagara Falls	1090 JKKW	ON Kitchener	1430 CKFH	ON Toronto
CHYR*	ON Leamington	1230 CKMP	ON Midland	1450 CHUC	ON Cobourg
730 CJNR	ON Blind River	CJTT	ON N Liskeard	1490 WBTA	NY Batavia
CHYR ²	ON Leamington	WECK	NY Cheektowaga	1570 CFOR	ON Orilla
900 CHML	ON Hamilton	1240 CJCS	ON Stratford	CHLO	ON St Thomas
930 CKNS	ON Espanola	1340 WLVL	NY Lockport	1590 WAUB*	NY Auburn

plus 6 additional FM.

Notes

1- The Pirates listed this as 1450, 1000/250w. I cannot find this station, frequency, or call anywhere.

2-CHYR7 is CHYR-710's night affiliate. I believe CHYR does not carry Sunday games.

Random thoughts

***-WIBW-580 in Topeka holds Kansas City radio rights, although KMBZ-980 is the network station in Kansas City. WIBW is off the air 1330-1830 Mon-Fri. Weekday afternoon games have been tape-delayed on WIBW in the past.

***-WWWE-1100 is being sued by the Cleveland Cavaliers (NBA) for breach of contract. Apparently they are angry about the way the station has ridiculed the team (although there isn't a whole lot of nice things to say about the Cavaliers, or Cleveland in general, for that matter, hi.) If WWWE does not carry basketball this fall, it will mean yet another sports team that has abandoned clear-channel stations for a large regional audience.

***-Two flagship changes, New York Yankees to WABC-770 ex-WINS-1010 (WABC carried a few games last summer while all-news WINS was carrying conventions and such mundane items). The other is in Milwaukee, where WTMJ-620 has been replaced by WISN-1130. Since WISN is covered here by WCXI, that means that there are no stations carrying Brewer games that can be heard here in mid-Michigan, at least on a regular basis.

***-A good number of teams have 50kW network affiliates that reach out much farther than the flagships do. WITC-1080 (Red Sox), WTOP-1500 (Orioles), KRNV-880 (Royals), WHO-1040 (Twins), KFBK-1530 (A's), CHML-900 (Blue Jays).

***-Another group worth noting is those stations which broadcast several team's games. These include: WIOD-610 Miami (Orioles, Red Sox, probably Yankees); WOAI-1200 (Orioles, Royals, probably Yankees and Rangers as well); WJNO-1230 W Palm Beach (Orioles, Reds, Pirates); WHWH-1350 (Orioles and Phillies).

***-We'll be back in about another month with an updater if material is sufficient to warrant one...send in corrections today! Any comments on improving the listings will be appreciated.

Slogan List. Continued from Page 19

1530 WRXV-ME* (add) Comfortable country, Your station of the 80s	1580 WILA-VA* (rp) Wonderful willa
1540 WQCC-NC* (add) The queen city's music connection	1590 WNTS-IN* Reaching out with the beacon of love
WRCP-PA* The only country in the city	WCCL-MS CCL
KTIA-TX R. Quince Mexicana (SS)	WPLW-PA* Sunshine 16
1550 WKVL-TN* KVL	WJSO-TN* (rsw) Easy rock, Easy 16
1570 WTOP-MD* (rsw) Joy of 15-70	1600 WHVL-NC* 16 HVL
	KASH-OR (add) 16-K

Sources: John Clemmer, Bill Hardy, Ric Heald and the pages of DX Monitor and DX News. I'm now finished as slogans editor, and as yet, no one has stepped forward to take over. If you're interested, please contact Bill Hardy; otherwise, this list will not be continued in the Almanac. 73--NHP.

THE INTERNATIONAL RADIO CLUB OF AMERICA

A non-profit organization devoted to the hobby of listening to distant radio stations on the AM broadcast band (510 to 1630 kHz). IRCA is a member of ANARC, the Association of North American Radio Clubs.

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DX MONITOR, the official bulletin of the IRCA, is issued 34 times a year; weekly from October to March, twice in September and April, and monthly from May to August. **PUBLISHING STAFF:** Bruce Portzer (editor-in-chief, phone 206-522-2521), Dave Korinek (Publisher), Phil Bytheway, Nick Hall-Patch, Jeff Jalsun, and Evelyn Portzer.

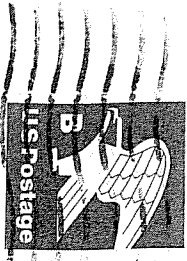
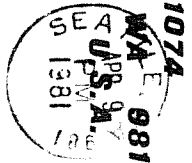
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DX Monitor is printed by Save-on Printing, Seattle, WA.

IRCA

**PO BOX 21074
SEATTLE, WA 98111**



First Class

D.A. Nyholm
2071 Cedar Street
San Carlos, CA 94070
1982