



# DX Monitor

Devoted Exclusively to  
Broadcast Band DXing

March 28, 1981

Volume 18, Number 27

Issue Number 580

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## ¿ Que Pasa?

No DX Tests this week, I'm sorry to say. DX Worldwide West is delayed this week because Pat Martin is moving. No word on DXWW-East yet.

### FLASH TIPS:

KBEX-1600 was knocked off the air by a fire in their transmitter building 3/16 and as of 3/21 was still not yet back on. Arson is the suspected cause of the blaze.....Louis Goldstein says WCAS-740 is still on the air, soliciting funds and support from listeners, contrary to an earlier remark in DXM.....Phil Boersma has an update to this week's EDXF report: WPBK (ex-WLRQ)-1490 in Whitehall, MI, is back on the air after a one-year hiatus. Format is a mix of semi-current Adult Contemporary and 1955-64 rock oldies. Slogan is "Tri-county Giant".....John Clemmer reports WAPE-690 is now country (ex-rock), WSB-750 has dropped Larry King and has a c/w show called "Interstate 75", and WINN-1240 is now mostly big band, with some country thrown in (what a combination!)

In this week's bag of unusual mail is a letter from someone who collects pins, buttons, and badges from various organizations. George Kraus, a disabled Korean War veteran, is trying to build up a big collection. Maybe some of you might have a few radio station pins & buttons you've been wondering what to do with. His address is 836 W. Colfax Ave., S. Bend, Indiana 46601.

For those of you interested in a great circle map for your wall, Art Peterson has sent us some information on Great Circle Maps. The maps are generated by a computer: by programming in your home latitude and longitude, a map of the world, centered on your QTH, will be generated. It's very handy for determining loop bearings and distances to your favorite DX targets. The maps are drawn by the computer on 11x14 inch paper. To order one, send \$10 (3rd class mail), \$11 (first class), or \$12 (airmail, worldwide) to Bill Johnston, N5KR, 1808 Pomona Drive, Las Cruces, NM 88001. Be sure to include your latitude/longitude (if known) and a ham/SWL call (or name, 12 letters max) which will be printed on the map. If you'd like more information, send us an SASE (or write to the above address).

The next few DX Monitors will be issued as follows: April 4 (deadline at HQ is 3/31), April 11 (HQ deadline 4/6), April 25 (deadline 4/20), May 16(5/11), June 13 (6/8), July 11 (7/6). Still a couple more weeks left before we're off the weekly schedule.

The IRCA Goodie Factory has run out of 25¢ IRC's for the time being, but there are plenty of Beacon Guides, Technical Guides, Almanacs, Foreign Logs, reprints, and other neat stuff available for those wanting to spend money. For prices, see back issues of DX Monitor or send an SASE to P.O. Box 17088, Seattle, WA 98107.

I hope everyone survived Jaisun last week. I should have known he'd plaster penguins all over everything, hi. 73, bp.

# EASTERN DX ROUNDUP

Bob Lazar 1711 Wainwright Dr. Reston, VA 22090

Deadlines: Tuesdays 3/31, 4/14, 5/5, 6/2

- 640 WHIO OH Akron, 3/2 0105 this is the stn that I reported as KFI. (WPT-DC)  
710 WGOS FL Miami, 3/9 0535 blasting in over WOR. (GS-VA)  
740 WKIS FL Orlando, 3/9 0211 early morning pgm w/ Dave Lawrence, call 293-8255. Strong signal, SS under. (GS-VA)  
920 WMEL FL Melbourne, 3/7 2214 tail end of "Love Those Rainy Nights" by Eddie Rabbitt. Wx rpt (52°F) by OM. Xlnt. (WPT-DC)  
940 WCPC MS Houston, 3/9 1815 very strong. These guys don't wSL, sad to say. (GS-VA) (I got a verie from them a couple of years ago; I believe it took quite a long time--ed)  
950 WWJ MI Detroit, 1/16 0106 poor thru WPEK/WKAZ QRM w/ ID, wx. (RAL-VA)  
970 WWDJ NJ Hackensack, 3/9 0130 religious pgm. (GS-VA)  
990\*WLKW\*RI\*Providence, 3/9 0105 f/c. (GS-VA)  
1130 WCBX NC Eden, 3/14 1831 fair w/ C&W, "The Greatest Country in the World" SID, s/off. (RAL-VA)  
WASP PA Brownsville, 3/14 1826 fair thru WNEW w/ C&W, s/off, Lord's Prayer. (RAL-VA)  
1150 WJBO LA Baton Rouge, 3/9 0035 Levis ad pop mx. O/u SS screamer. (GS)  
1160 KSL UT Salt Lake City, 3/9 2340 briefly o/ that suave Cuban. (GS-VA)  
1190 WXGR MS Bay St. Louis, 3/9 1900 s/off fighting Cuban & Colombian all the way down. (GS-VA)  
1220 CHSC ON St. Catharines, 3/16 0013 fair during WGAR SP w/ R&R. (RAL-VA)  
3/16 0031 ID by male DJ, mention of Stevie Wonder. Good signal. (WPT-DC)  
unid ?? Radiobeacon? 3/16 0008 Morse code ID's: "G-Z-G". Fair. (WPT) (WKBK DX test was on during this time period and heard here w/ "WKBK" code ID's; this could possibly be them. I know of no radio beacons on this frequency--ed)  
1240 WFOY FL St. Augustine, 3/5 0005 s/off w/ anthem. (GS-VA)  
WJNC NC Jacksonville, 3/9 0005 s/off, no anthem. (GS-VA)  
1320 WVOJ FL Jacksonville, 3/9 0147 wx rpt (47°F) by OM, C&W mx. Good o/ WKTQ before sSBing out. (WPT-DC)  
1380 WLCY FL St. Petersburg, 3/5 1835 ment of Pinellas County. Fair in null of WEAM splatter. (WPT-DC)  
1420 WACT AL Tuscaloosa, 3/11 1830 ID by OM after wx forecast. Fair signal. (WPT-DC)  
WBSM MA New Bedford, 3/9 0500 s/on w/ full stn info. Xlnt! (GS-VA)  
1490 WRNB NC New Bern, correction of 2/6 0103 rpt (Vol. 18 #24). Frequency is 1490, not 1450. My faux pas (ten lashes with a wet penguin flipper, hi). (WPT-DC)  
1520(WKEW)NY Buffalo, 3/9 0040 noted off air. (WPT-DC)  
1540\*WDON\*MD\*Wheaton, 3/4 1842 ETing w/ 1000 hz TT which ceased at above time. I thought you could ET only between 0000 and 0600 local time! What goes here? (WPT-DC)

## DX TESTS

- 1220 WKBK NH Keene, 3/16 0021 poor thru CHSC QRM w/ WGAR off. Several code ID's heard, one voice ID heard at 0026. (RAL-VA)  
Tentative 3/16 0030 ETing w/ 1000 hz TT. Fair. (WPT-DC)  
WRIB RI Providence, 3/16 0305 Morse code ID's. Fair u/ CHSC. (WPT-DC)  
1340 WSAJ PA Grove City, tentatively heard by (WPT-DC)

## EASTERN DXERS

- RAL - Bob Lazar, 1711 Wainwright Dr., Reston, VA 22090  
(Yaesu FRG-7, SM-2)  
GS - Gardner Smith, 6907 Fern Lane, Annandale, VA 22003 (Welcome!!!)  
WPT - Bill Townshend, 4500 Connecticut Ave. NW, Washington, DC 20008  
(Realistic TRF)

LABCRATORIOS CAMACHO, a pharmaceutical firm, sponsors an early morning Spanish language program (the Jorge Camacho Show) on a number of stations in the U.S. & Mexico. Here is a list of the stations, per a recent letter from them:  
KCRL-780 3:00-6:00 PST (0600-0900 EST) beginning 3/30/81  
KTNQ-1020 3:00-5:30 PST (0600-0830 EST) daily  
KXEG-1010 3:00-6:00 ?ST(time zone not specified, probably MST) daily  
XEG-1050 3:00-6:00 ?ST(probably CST), their letter gave XEG's freq as 1570 so the program may also be carried on XERF (or....)

-- bp

# CENTRAL DX ROUNDUP

Robert Kramer  
4639 N. Albany  
Chicago, IL 60625

## UnIDed, Special, Changes, et. al.

- 1090 KNWS IA WATERLOO, 3/2 0300 fair on DX test W/TT, mx, IDs. KDF-IL  
1220 WKBK NH KEENE, 3/16 0010 poor on DX test W/cw ID. Later noted cw beacon on 1215 sideband, unn. RK-IL  
WRIB RI PROVIDENCE, 3/16 0302 fair on DX test on 1215 sideband W/CW beacon & cw IDs noted on 1220. RK-IL  
1260 WMJU SC GREENVILLE, 2/16 0100 fair on DX test W/mx, TT, weak IDs. KDF-IL  
1330 KWLO IA WATERLOO, 2/16 0800 ID noted as KWLO so a new one here. FTS-IA  
1440 WGIC GA BRUNSWICK, 2/16 0303 fair-good W/TT, ID, jingles & C&W mx a week early on DX test. KDF-IL  
1550 KRGO UT WEST VALLEY CITY, 2/23 0215 poor U/KKJO OC, W/"Cargo" ID & C&W. Note that they switched their locale. Tnx to Don Kaskey for that info. New. FTS-IA
- All da Rest
- 590 WOW NE OMAHA, Noted on ET 3/2 0100-0400. Off completely for a while. FTS-IA (I've noticed them testing a couple of NMs recently, ed.)  
KLEJ TX AUSTIN, 3/2 0313 hrd weakly but clear W/some talk show. New. FTS-IA, 3/9 0206 strong W/CBS Nx, jingle, mx. KDF-IL  
610 WIOD FL MIAMI, 2/28 0159 ID & Mutual nx, in stronger on 3/8 W/tlk show. Poor W/WDAF & WSGN, finally caught (Did you use a net ?, ed.). MJ-IL  
630 WNEG GA TOCCOA, 3/4 0633 on top W/end of GA net. nx, 1cl spots, jingle. KDF-IL  
710 WKRG AL MOBILE, 3/6 2129 2129 thanks to tip from Earl Higgins, tuned in & caught (with the same net I presume, ed.) a faint ID. Poor U/WOR. MJ-IL  
790 KFYD TX LUBBOCK, 3/7 0151 C&W mx & ID. Fair in WBBM null, no WMC or CKSO. MJ-IL  
810 KAFE NM SANTA FE, 2/8 1920 poor W/WBAP slop W/C&W mx & K-A-F-E ID. New. FTS-IA  
870 KJIM TX FORT WORTH, 2/10 1913 noted ID U/WWL. New. FTS-IA  
900 WNNQ WI WISCONSIN DELLS, 2/20 1200 noted here W/very weak ID, ex-990. FTS-IA  
910 WHEM WI HAYWARD, 2/22 1829 suprise S/Off W/3 IDs & general info, fair U/WSUI. MJ  
CHRL PA ROBERVAL, 2/22 1908 FF talk & ID caught in mess (did you clean it up ?, ed) Fair W/WSUI & unids. I thought FF stns weren't allowed to ID, since they never do. MJ-IL  
930 WBEK MI BATTLE CREEK, 3/6 1851 weak W/wx. Zoc-IL  
940 KVSH NE VALENTINE, 2/23 1756 fair, 4 min of Wx by male, into QRM (that's a strange format, ed.). Zoc-IL  
970 WKLS GA ATLANTA, 2/17 0601 popped in W/rock mx, AM-FM ID in promo after song. KDF  
970 WWIT NC CANTON, 2/4 1811 fair-good W/ID. New. FTS-IA  
980 KCIJ LA SHREVEPORT, 2/8 1859 good O/KKBZ W/S/Off. New. FTS-IA  
1000 KOTD NE PLATTSMOUTH, 2/17 1800 poor W/WCFI & ID. FTS-IA  
CKBW NS BRIDGEWATER, 3/16 0458 fair thru KTOK/CFLP W/wx, CBC ID & theme. ID taped @ 0529. RK-IL  
CFLP PA RIMOUSKI, 3/16 0538 good W/FF vocal mx, BFL mx & FF talk. RK-IL  
1050 WPAG MI ANN ARBOR, 2/2 0759 fair-good W/ID. New. FTS-IA  
1060 WKNC GA TALLAPOSA, 0740-45 2/4 fair-xlnt W/Nx/Wx/ID into C&W. WNOE popped in @ 0745. FTS-IA  
WRHL IL ROCHELLE, 3/7 0811 fair O/mess W/ID. FTS-IA  
CJRP PA QUEBEC, 2/3 0600 xlnt W/FF ID. New. FTS-IA  
1080 KYMO MO EAST PRAIRIE, 3/5 0642 tune-in 0650 W/F/C. KDF-IL (Sorry about that freaks)  
1140 WKCM KY HAWESVILLE, 2/4 0758 fair W/WKWM W/C&W & ID. New. FTS-IA  
WIXC TN FAYETTEVILLE, 2/5 0810 fair W/KNEI W/WIXC slogans. New. FTS-IA  
1150 WFFC GA FORT VALLEY, 3/6 0600 good W/S/On W/mx theme underneath, unn. KDF-IL  
1230 FTNC NE FALLS CITY, 2/18 2358 good O/mess W/ID. New. FTS-IA MJ-IL  
1270 KADL AR PINE BLUFF, 3/1 1911 C&W mx, also in at S/Off. Good W/WHBF, WWCWA nulled//  
1290 WGBL KY BENTON, 2/26 1811 xlnt O/mess W/ads & ID. New. FTS-IA  
CJBK ON LONDON, 2/26 1846 fair-poor O/little mess ID & mx. New. FTS-IA, 3/16 0218 good W/promo. RK-IL  
1310 KFSB MO JOPLIN, 2/21 2015 finally hrd this one ! ID & into mx. FTS-IA  
1380 KBWD TX BROWNWOOD, 2/9 1916 noted in but forgot details (Hogie, sell this amnesiac some insurance, ed.). New. FTS-IA  
1400 KVOE KS EMPORIA, 2/19 0103 fair O/mess W/ID. New. FTS-IA  
KTTM MO SPRINGFIELD, 3/2 0420 fair O/mess W/C&W, ads & ID. New. FTS-IA  
1430 KBHM AR MONTECELLO, 1/26 1807 poor W/ID. New. FTS-IA  
1470 KWXI AZ GLENWOOD, 2/9 1856-1900 fair-good W/mx & S/Off. New. FTS-IA  
1480 WJEB IA JERSEYVILLE, 3/7 0821 good O/WISM W/ID. FTS-IA  
KLEB IL OTTUMWA, 3/4 noted mixing W/WISM at 1700 T-40 mx & ID. Not new. FTS-IA  
KBOX TX DALLAS, 2/8 1913 poor-fair. Finally hrd this one W/C&W mx & ID. New. FTS  
1490 WESL IL EAST ST LOUIS, 0015 dominating the channel all night on the NM 2/23. FTS  
KTOP KS TOPEKA, 2/28 1857 just hrd ID in mess. New. FTS-IA

- 1500 KIEL AR JACKSONVILLE, 3/5 1913 fair-good W/C&W but very poor voice modulation. Could barely hear S/Off. FTS-IA  
 WIQV MI DETROIT, 3/16 0201 good W/Nx, Wx & "Love Radio" ID. RK-IL
- 1510 KANS KS LARNED, 2/5 1857 fair U/WLAC W/ID. New. FTS-IA
- 1520 KOIM MN ROCHESTER, 2/22 1700 strong, male anc. W/Nx & Wx, into QRM by 1704. Zoc-IL  
 KMPL MO SIKESTON, 3/9 2015 vy weak, U/KOMA & WKBW, male ID, into rel. & out. Zoc-IL  
 WBNO OH BRYAN, 3/1 1844 S/Off W/legal ID & ment. of power. Poor U/WKBW. MJ-IL  
 WCHE PA WEST CHESTER, 2/23 0400 fair on test W/ID, TT, mx. KDF-IL
- 1540 CHIN ON TORONTO, 2/23 1600 weak, male "CHIN Toronto", into FF pgn & gone. Zoc-IL
- 1550 WAAY AL HUNTSVILLE, 2/23 0300 noted then ET W/50 kw & T-40 mx. KXEL off W/XNTR problems (so what else is new? ed.) (heavy winds outside) from 0100-0400. FTS-IA
- WOKJ MS JACKSON, 2/3 0607 fair in mess W/ID. New. FTS-IA  
 WTYN NC TRYON, 3/1 0559½ good W/S/On, poss. NBC Nx. KDF-IL
- 1570 CHLO ON ST THOMAS, 3/6 1859 fair "Video Killed the Radio Star" & other rr mx, male DJ. Zoc-IL
- 1580 WAMW IN WASHINGTON, 3/1 1859 caught end of S/Off W/ment. of WFML-FM & ID. Very good W/WBEE/WONX QRM, cleans up IN on 1580. MJ-IL
- WFGC MD MORNINGSIDES, 2/3 0614 poor W/C&W & ID. New. FTS-IA
- 1590 KQXK AR SPRINGDALE, 3/8 1929 S/Off W/clear ID & ment. of Springdale. Good atop mess. Apparent call change from KSPR, NJ-IL
- WNTS IN BEACH GROVE, 3/8 1735 fair W/Cospel mx. First time hrd this early. FTS-IA  
 WOCL MS JACKSON, 3/9 2030 strong sig mostly O/WAKR but occ. U/male DJ played ½ song & then ABC mx. 2033 C&W mx. Zoc-IL
- KGAS TX CARTHAGE, 2/9 1846 dominant W/ID. New. FTS-IA  
 KYOK TX HOUSTON, 2/3 1907 fair O/little mess W/ID. FTS-IA
- 1600 KCCS AR MAFSHALL, 2/5 1840 fair-good W/KCRG QRM, mx then S/Off. #900. FTS-IA

Freak Check

- 1530 WVFC PA MCCONNELLSBURG, 0230-0240 2/23 very poor W/WCKY TTs & ID. FTS-IA

Tangled in Jezziorski's Net:

KDF\*.. Kurly Forth 2714 N. LeClaire Chicago, IL 60639  
 (HQ-160, spiral loop, cat hair)  
 MJ\*... Mike Jezziorski 3908 Circle Dr. Brookfield Zoo, IL 60513  
 (Superadio, penguin, insurance policy purchased from IRCA's crack salesman Hogle)  
 RK\*... I'm only trying to annoy you  
 (HQ-129X, HQ-100C, loops, LW, MFJ-732 audio filter, parakeet feathers)  
 FTS... Todd Skaine 2215 Clay St. Cedar Falls, IA 50613  
 (wards Airline portable, internal antenna)  
 Zoc\*... John Zochert 511 S. Craig Pl. Lombard, IL 60148  
 (RF-2600, longwire, metal thinger hanging under window facing west, Driver's license)

RK's Progress Report

	<u>Last Week</u>	<u>This Week</u>	<u># New</u>	<u>To Go</u>
Heard	2886	2889	3	111
QSLed	1942	1944	2	56

Todd Skaine's Progress Report

	<u>This Time</u>	<u>To Go</u>
Heard	922	78

Jezzy's Progress Report

	<u>Last Week</u>	<u>This Week</u>	<u># New</u>	<u>To Go</u>
Heard	948	951	3	49

Throat Warbler Mangrove's Sticker Report

Given to RK	0	5	5	15
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The new MFJ-732 audio filter was definitely worth the money I paid for it. The day after I got it, it paid for itself, almost. The CKBW-1000 tape was made possible by it. Karl Forth was listening to them at the same time as me. But his tape was only partially audible. With the filter getting rid of the hiss & growl, I was able to get a fairly readable full ID tape. Nancy Hardy has decided not to run for BoD. The new choice for the Coalition for the Revitalization of IRCA is Greg Monti, another strong club contributor. Another proposal being discussed is the creation of a Mountain Round-Up section. Central DX Round-Up covers too large of a geographic area to be completely useful. The geographic division of the club is the base of its foundation. I think that a Mountain section would strengthen this base. 73.

Riddle #3, clue 2; I'm supposed to bring back the memories.

Spring Fling 81

The 11th Annual Spring get together will be held Memorial Day Weekend starting at 7PM on Friday Night & continuing through Monday. This will be held at the home of your CDXR editor. More info can be had by calling me at (312)-463-4334.

# 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(PLT)-no collect calls

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

REPORTERS FOR THIS ISSUE:

(BH) Bill Hardy-2301 Pacific Ave.-Aberdeen, WA 98520

FRG-7, SM-1

(SMM) Steve Mittman-2248 West 37th Street-San Pedro, CA 90732

Realistic TRF, Dashmate (Sanyo) car receiver

(AJR) Andrew J. Rimmington-559 Clarke Road-Coquitlam, BC V3J 3X4

Homebrew rx, 4' box loop

(RW) Robert Wien-1309 Dentwood Drive-San Jose, CA 95118

GE long-range portable, SM-2

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720 (KDWN) NV, Las Vegas 3/12 0500 noted totally off, caught just in time

for nice KUAI s/off. (RW-CA)

730 KSVN UT, Ogden 3/15 0843 noted w/SS programming. ID on top of hour

as "K-seven" in EE, back into SS. Be careful if you hear SS on 730 at this hour--may be this. (RW-CA)

831 Pirate Has drifted down here now. Noted Su 3/15 2015 relaying local FM

stn KBI:-104.3. At 2100 switched to KKG0-105.1 till 0000+.

During this time I was driving around & managed to narrow it

down to within a 5-mile radius! (It kept reflecting from

strange angles, which really frustrated me to say the least!)

It was really bombing in on my TRF, & my car rx which has

digital readout (and therefore can only tune to 830) was even

picking it up! Will try again next weekend. Hopefully then I'll

solve this mystery. (SMM-CA)

920 KOLO NV, Reno Su 3/8 0934 MOR mx, "92 K-O-L-O" ID, PSA about Jr.

C. of C. ski programme, something about "City of Reno

(Recreation?) Dept." (AJR-BC)

\*KXLY\* WA, Spokane 3/16 0331 noted w/TT o/KOLO/KKAL. (RW-CA)

950 KAHI CA, Auburn 3/13 0157-0304 noted w/possible new nighttime oper.

Xlnt signal way o/KJR w/EZL. Sounds automated. (RW-CA)

1070 \*KERR\* MT, Polson 3/16 0322 good w/TT in KNX null. (RW-CA)

1080 KRPX UT, Price 3/15 0800 xlnt at s/on w/ment. of currently on 500

watt PSA, then "good morning, sleepyheads, good morning,

Springdale, Castle Valley...(list of nearby towns), into

"Sounds of Sunday." (RW-CA)

1230 KVAS OR, Astoria Su s/on time now 1024. So noted both 3/8 & 3/15,

then nat'l/local wx, sports, & into Mutual nx 1030. (BH-WA)

1240 KESE CA, Monterey Su 3/8 0001 Ai nx, "K-Ease" ID, ment. "The

beautiful Monterey (Peninsula?)", EZL mx. Up again 0021 w/a

Monterey phone # so I phoned nx annrc. Lare Austin & he

confirmed it was part of a PSA he'd just read. (AJR-BC)

1360 KZIQ CA, Ridgecrest 3/15 0901 good at s/on in KEEN null, into "The

Lutheran Hour." (RW-CA) (SMM-CA)

1400 KKVZ CA, Santa Paula Sa 3/14 call change from KAAP to KKVZ noted.

1460?\*KJAA\*? WA, Kirkland MM 3/9 0603 TT's, OC, & strangely distorted MOR

mx o/KMWX until 0618. Much too strong for any other--must have

been on day power at that - but no ID heard. (AJR-BC)

1490 CFWB EC, Campbell River MM 3/9 0552 totally wiping out 1490 w/

unnullable MOR mx, "Coast R." ID's, helpful comments by

ignorant DJ ("That song was wrote by Carly Simon"). Aarug!

Tell me they're not NSP now! (AJR-BC) (Their twin CFPC-1440

is AN again.--NH)

1580 KDAY CA, Santa Monica per advertisements, "now playing oldies too"

(in addition to soul mx). (SMM-CA)

1590 KEND TX, Lubbock 3/12 0530 nice sig. o/KBBQ w/no sign of KZOK. C&W

mx, ID as "Supercountry, KEND." Only 3rd time hrd. (RW-CA)

DX TESTS:

1220 (WKEK) NH, Keene 3/16 0200-0300 tried but not heard. (RW-CA)

(WRIB) RI, Providence 3/16 0000-0030 tried but not hrd. (RW-CA)

UNID's:

1570 CKLQ? 3/12 0532-0545 w/CKTA & CHUB. A strange fading pattern w/all

stns in oblivion, then all on top of each other strong at same time,

then all gone to oblivion again! Poss. ment. of "Q", C&W. KLIV off.

Poor turnout this week! Please report! ♡ (RW)

# EASTERN DX FORUM

Paul Mount  
471 Emerson Avenue  
Teaneck, NJ 07666

C.M. STANBURY II RR #1 Ridgeway OK 105 190

March 9

I don't wish to belabor the point regarding low angle radiation but after completing my last DXF I came across an article in the 2/28/73 DXNews which implies that when using a loop antenna there are no low angle losses due to proximity to earth of finite conductivity. I believe it is this and similar articles in DX club publications which are responsible for the confusion that obviously exists among PCF DXers. In point of fact, acc. to Knight & Thoday in the June 1969 FCC IRE, low angle losses for a loop are the same as those for a short vertical. The DX News article cited is a perfect example of that lack of information from accredited sources which I previously mentioned. I realize there is a tendency by all DX clubs to sweep previous misadventures under the rug and within reason this can sometimes be justified but not when earlier events effect what's happening today. Okay now, walking that delicate line between unnecessarily dredging up the past and legitimately covering the current scene, R. Noticias del Continente (into which R. Million somehow evolved) was closed by the Costa Rican government on March 6. Noticias del Continente had claimed in the event of its closing two stations in Europe and three in Mexico would carry their program. If the Mexican operation does come off, it would almost certainly involve ECB transmissions. Best Stan

CHARLES A. TAYLOR Box 1226 U.S. Naval Air Station St. David's IBERULA  
(FPO New York 09560) Phone 809-293-1435

This is a belated re-intro: I'm a charter member of IRCA, 34 years old, a NW DXer since 1959, Ham call is WD9LNP (tech grade). I'm married to Leonor Lasac, a Filipina from Sorsogon, Philippines. We have three girls and one boy (all born in the Philippines). I'm a civil service employee of the U.S. Navy (Electronics Mechanic WG-11), and work as a communications technician for Ground Electronics Maintenance Division (my GS-11 boss and I are the only civilians in Ground Electronics, the rest being all military), and as a Navy vet (1966-72). Yes, I took a tour in Vietnam, but most of my WW memories are good ones. Besides VN being only 1000 miles from the Philippines (my second home), I got along uproariously well with the W. Navy personnel that I was training. My current main activities besides work and DX are: Church work (Gorman, 2nd counselor to the local branch presidency), running (30 miles a week), reading (newsweeklies, SWR, Ham Radio), and electronics and language study. Equipment: Drake SR-4, Worcester SR-2, Panasonic RF-500 and RF-400 TRs (r/r and cassette, respectively), and a 100-foot/30 x 11. The EPR equipment is in motels till next assignment. Have lived from the Philippines (300 logged), Vietnam (no log kept), Indianapolis IN (177 logged), and here (375 logged). I have only verified stations from Sorsogon and Indianapolis. It's only here that I started taping all DX, and I regret that I didn't in the past. I didn't have a TR in the Philippines, and didn't acquire one in Indianapolis for the necessary taping purposes. When I return (if ever) to Indianapolis, I will start over taping all DX. It appears that we are going to be transferring elsewhere, shortly. More news on that in next Forum report. 73 de C-A-T.

JOHN SCCHERT 511 South Craig Place Lombard IL 60146

March 9/81

Chow fellow IRCAn, I'm just going to materialize on the paper for a while and informally inform you about myself. I am a sixteen-year-old boy going to high school pretending to be a sophomore. Although I'm built for sports (6'5", 205 pounds, currently) I don't play any. I'd rather DX or check out girls or knock the rust off my future car. Seriously, I've lived for about 13 months with approximately 200 stations received and around 70 verified. I don't know what my best catch is because I've got several stations I think are good catches. My radios are a Panasonic RF-2600 and a 1938 Hallicrafters that is leading a slow death. My antennas are a 80' longwire outside and this metal tyre thinger under my window facing west. I believe it is called a dormer or gable, but it works! For any of you who know who Steve Bahl is, I personally think he's funny. I don't really have a lot of time to DX because of school and a part time job at MontgomeryWards which really leave me zonked, but I always find a little itzy bitzy time. Honey Nut Cheerios for now...

AS WINTER HAS BECOME SPRING, SPRING SOON BECOMES SUMMER AND THAT MEANS IT'S CONVENTION TIME. THE BEST WAY TO SHARE YOUR INTEREST IN DYING IS TO ATTEND THE IRCA CONVENTION. THAT'S AUGUST 20-23 IN CALGARY, ALBERTA. BE THERE!

GARY SIEGEL 2728 - 106th St. Toledo OH 43611

3/10

Even if this Forum doesn't reach FRM in time for the anniversary issue, which it likely won't, I'll still pass along congrats to the IRCA on another fine year of keeping us DXers informed on the everchanging world of the BCR. I'll take this opportunity for a re-intro. I'm 30, single, and work as a police dispatcher for the city police in suburban Sylvania, a position I've had for over 3 years. The job gets you in contact with as many crazies as the radio clubs do, hi! I graduated from the University of Toledo in 1973 majoring in broadcasting and did tours at Toledo stations WTOU and WANR both 1520 (\*\*\*) and WCMA-1230 (hope several of you heard their recent test!), before hooking up with the SPD. Naturally being a UT grad I'm solidly backing the Rockets to take it all in the NIT, they were 20-9 for the regular season, a fifth straight year the Rockets have won 20 or more games in a season, how many teams can say that? (Not the NBA's Dallas team, hi-FRM!) I figure I better toot the UT horn since the media doesn't, hi!!! The best DX among the 19 new heard new so far in 1981 has to be the catching of my most wanted 50kW, WRKO-680 on 1/29 at 3:40 am. Apparently CFRR was off (thank heavens) and conditions favored the long range stuff as KNER was WRKO's interference! WRKO had been my most wanted 50 kW outlet for 12 years now, so 'twas a most gratifying catch. Current totals are 2,533 heard, 49 states, 10 provinces, 41 countries and of the 2,533 total, 2,329 are domestics. 73's. BZZT!!

KEE HETAS 5083 Skippy Drive Memphis TN 38116

Hi all. Please note the new address above. Have been about 1 month and am just about moved in. would like some help. Does anyone know where you can get Custom made radio covers, made similar to typewriters? There used to be a place in CA many years ago which used to advertise in some Ham magazines; any Hams can you help? Recent verifications from: WVEE-1430, KSAI-1150, KSTF-1500, WRBL-1250, WTJS-1390, WLOK-1340, KXJK-950, WKQM-1480, WIRL-1290, WOC-1420, KYOK-1590. All fall DX catches. Soon will have my long wire then will be ready to go for next fall. Anyone with Bumper Stickers to trade, please drop me a note: Will trade 1 for 1. All for now73's.

PHILIP ROERSMA 15570 Cleveland St. Spring Lake MI 49456 12 March 81

Format change to note: per ads on WLRQ-TV, WBEK-1560 is now rock oldies, ex-C&W. Kinda bucking the trend, hi. RTU--Albur rock may not be so big on the west coast anymore, but out here in the Midwest, AoR is doing fine. WLAJ-FM is #1 in Grand Rapids, beating even WOOD-FM; New ACR WLLZ is cleaning up in Detroit, second only to WJR-760. Country is nothing new to this area, and I can appreciate some good (ie, true to its roots) C&W like WJJD and WECS occasionally play, but this erstatz "Urban Country" is just as dull and stupid as most disco was, and will probably die out just as fast. True C&W will endure--even as true black music keeps going on strong, only the pretenders will fail. I see WLRQ-1490 has applied for new calls (WPBK) maybe they will be back on soon, they have been silent for about a year. FLASH: WLRQ-1490 heard testing today for an hour w/rock mx, but erroneously calling themselves "WIRC". Whitehall phone co. has no listing for them yet, and they left the air after about an hour, but it seems they will be back on soon... I also note (with a smirk, hi) the multitudes clarouring for space on 640, 1160, and 1290 here in the East since the FCC shafted the clears. Some of these applications are mutually exclusive, but if the FCC continues with its policies of the last few years, they may all be granted anyway. I mean, who cares about a minor thing like interference when you can have MORE STATIONS ON THE AIR!! I have a headache...

EARL HOUNT 471 Emerson Ave Teanock NJ 07666

I stayed up till about 3:15 this EL to monitor 1220. Tentative on WBEK-1560 DX Test, heard some Morse Code around 12:10 but as WBEK was heard, taped, and verified on their winter 1974 test I didn't try too hard. Similarly WRLI was heard on their test several years ago but I did get some tape on them. Thanks a lot, Craig Realy for your CPC work. Be sure to send me or BQ a report on the response the test got. Thank you card sent to WBEK. Welcome to new reporter John Eochert. Another metro-Chicago DXer in the club! Gary, sorry to see the Rockets knocked out before this is even sent in. Oh, back to me, only CHSC and a PFC heard on 1220, no other tests, and the rest of the time on the phone with Ray Arruda and Ernie Cooper (who weren't hearing much either) or waiting for a 1340 Tfer to ID, still have to play tape.73

UPCOMING BOMF DEADLINES: March 30, April 13, May 4, June 1 Mondays they are.



# 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)

W. GEORGE ELLIOTT, c/o CKOV, P.O. BOX 100, KELOWNA, BC V1Y 7N3

It's me again. I guess I really haven't done too much DX'ing since the last time I sent something to Nancy's column, but I've been busy (would you believe... lazy?) Actually, I've been doing a lot of writing lately, but not letters. I'm working on a book of poetry that has been sitting around for the past four years and I've been adding to it ever since.

Gary Larson, sorry I haven't gotten back to you, but all the station has in the way of promo stuff is buttons and I think I'm the only person around with any. Let me know if you want one. Same goes for Dan Sys (sorry I didn't answer your letter from last year, but like I said, not much promo stuff).

Don Moore, I met your pal Shane Bridgeman about a month ago. He seemed impressed with the FRG, but says he has to think about saving up for it... for a long time. Thanks, Don, for Introing him to me.

RtH, if you have any playlists from KNBA, why don't you send a couple this way? I'll return the favor; I'd like to know what you guys are playing and I'm sure my Music Director would like to know as well. (WGE, you're dealing with a very, VERY small station, KNBA, h... You already have more promo stuff than do we!—RtH.)

Only other radio news up here, (spring ratings started Sunday), is that everyone is waiting for word about the FM band. My old boss, Nick Frost (CHIM-FMs GM) has applied for an FM license... he wants the CILK as in "Smooth as Silk" (yuck—RtH) and it'll be E-Z listening. The CRFC's decision should come back anytime. Looks bad because my boss (CKOV's GM) and a former CHIM employee both opposed it. I hope Nick gets it. I wish him success. 3s de WGE.

JOHN CHARLEY KELEHER, 170 SOUTHVIEW, #3, MARION, IA 52302

Well, last time I said I was going to fill you in on the locals in the Cedar Rapids area. WMT 600 was done last time, and here's the others. KCRG 1600 promos as "Music and More," and their calls stand for my daily paper, the Cedar Rapids Gazette. KHAK 1360 is "Fun Country," and of course stands for The Hawkeye State. All the above-mentioned stations have the transmitters located along Iowa Rt. 13, which runs along the east side of Cedar Rapids.

KCDR 1450 is "Cedar Country," and their recently changed calls are self-explanatory. Used to be KILWW, and owned by the same folks who own KWLW 1330 Waterloo, the Black Hawk Broadcasting Co. I remember hearing old KWLW topping the graveyard mess when I lived in Indiana. Their transmitter is located in a swampy area near the Cedar River, with pretty much of a wide-open path to the east and south. Stations located in swamps always seem to get out the best, like WOWO 1190.

The Iowa City stations also have very logical calls. WSUI for the State University of Iowa, and I'll let you figure out KXIC. (Kissing an X-ray Is Contagious?—hi—RtH.) Another nice little radio station in the area is KLEH 1290 Anamosa. Just calls itself "1290 Country," but doesn't do badly for a 500-watt daytimer.

I'm glad to see there are quite a few of the old gang still actively DX'ing. From what I hear from RK, KDF and others, I missed a heckuva season last year. I also remember Albert Lobel telling me what a pest KOGO was. Well, Albert, if you're out there reading this, I have my very own personal pest on 600, just over the hill, practically. To everybody else, I hope you enjoy low A-Indexes, for DX fun in '81.

DOUG NYHOLM, 2071 CEDAR ST., SAN CARLOS, CA - 10 March 1981

Well, to begin, Happy Anniversary, IRCA. Most everyone has seen my name in these pages (and various police blotters, hi—RtH) that an intro is not needed.

As far as recent information is concerned, I have some interesting results from Rich Toebe's and my recent Beverage expedition of 28 February. Only one other person could show up in the rain and mud, and he wasn't even an IRCA member.



First, we set up two Beverages, both 1000 feet. One to the west at 280 degrees and the other east at 100 degrees. I brought stakes, but we saw the wooden fenceposts and thought that would be a lot easier (and quicker) in the rain and mud.

Results expected were very surprising. The A-Index had been 18 and in checking again at the site, noted that it had dropped to 11, which I consider low and quiet. Well, for results, the "E" Beverage wasn't exactly spectacular. The only promising signal was a good het on 1205 (Cayman Island we hoped), however, no audio ever surfaced.

As far as the west Beverage, it sounded like we forgot to hook up the wire; nothing there at all including Hawaii well after 10 PM local time.

Now we were at the point of rolling out the 1240-foot spool at 220 degrees (New Zealand) which was the same as last November's fantastic results. Well, we rolled it out, it was not terminated and just lying there on the moist ground. In walking back to the car I thought, "that was a dumb idea." We turned on the radio and heard KORL at S/9. All in all it certainly was not like last November's, but to mention a few stations we heard: Fiji's new one on 774, R. Windy 891, KIPA 620 (weak, but there), and the rest of the normal DU's, but quite weaker than normal. ZGF 1206 normally like a local would have been difficult to log details. Of course when they play their darn C&W music countdown (watch it, boy-RtH) they don't ID much or have many spots.

In summation, both fencepost erected and 500-ohm terminated Beverages were poor to unusable, especially the western 280-degree one. Has anyone ever tried or had similar results with fencepost construction? I can't believe the barbed wire several inches away could harm the signal that much. We would have probably had much better results on the 220-degree wire if we could have elevated it and terminated it like last time. I'll know what to do next time around. So much for this journal, and the latest Beverage expedition. More people needed next time. Come on Bay Area DX'ers, where are you? (Some of us know better than to play in the rain, hi-RtH.) You can't hear 5AN on a TRF next to a light dimmer. 73 and gud DX. (Doug, of all people to know better. . .double space!-RtH.)

DAN FLAK, PSC BOX 1159, APO SAN FRANCISCO, CA 96328 - 09 March 1981

I'm a new IRCAn, so let me introduce myself. I'm 32, married, a pilot in the Air Force, and have attempted DX in various locations between a tent in Turkey and a sea hut on Diego Garcia as well as from 35,000 feet above mid-ocean. I started BCB DX from Rockaway Beach, New York, in 1962 on a \$25 Lafayette HE-40 (5-tube superhet) which I finally put out to pasture in 1979 (it still works).

Other DX interests are TV DX and monitoring oceanic flight communications (willing to correspond on that one). My current location is Yokota Air Base, Japan (20mi/32km north of Tokyo) where a lot of Yen can buy a heck-of-a-lot of radio, so I now own an Hitachi HW-3600, solid state, digital readout dream.

Although I'm technically in the Far East, I'll report to forum as WAY west and I hope to be able to provide a picture of what it's like to work on this side of the big pond.

I'm also an NRC rethead ('75) and got reawakened to IRCA through my mother who sent me the IRCA article on Wedge antennas. Mom won't say how she found out about IRCA, but I'm delighted and surprised, especially since I spent nearly a decade redecorating her house in early American wire. Fortunately my wife is more tolerant. I've found that BCB DX is one of the few stabilizing factors in my nomadic life; no matter where I've been stationed, I've usually been able to pull in a few old friends (WLS, KSL, etc). Time to sign off. Hope to be back soon with some useful information. 73. (Good to have another Far East member reporting to WDXF. Please report as often as time permits. Glad to have you aboard. - Report received at San Francisco address-RtH.)

RIC HEALD, 814B OHIO ST., VALLEJO, CA 94590 (707) 644-0700 to 2200 PLT and prepaid - 18 March 1981

Sorry Doug that your forum was received two days after Anniversary issue deadline.

Speaking of forums - briefly - at the request of several members, date your forums, and for crying out loud, your return address. Double space (written or typed), 25 lines elite, 30 lines pica.

DX. Ah yes, DX. Surprise, surprise, at my suggestion, landlady bought my neighbors a new light dimmer, and even when it's on, it's not nearly as loud as the old one. This cleared up the band on 16 March and brought me a clear ID from R. Mexicana, XEFI 580, above everyone else at 0126 PLT. Had the same intonation as XED's ID

Regarding receivers; a lot of new ones out on the market now, and all are solid-state. I still maintain a tube set outperforms a solid-state one, and Hammarlunds, Nationals and the like are still available if you go to the right source. Ham Radio Digest is an excellent source, and through Bob Foxworth, I got mine back in '73 for \$50 plus \$12 shipping from New Mexico. So, especially for you newer members, you don't have to spend a fortune for a really superior receiver. Personal opinion gang, hi.

WGE, KNBA is Adult Contemporary. Have you heard KNBR? Well, we have the same format. Also same as KEX, and in fact, after we sign off, we still get requests. They're listening to KEX and not realizing it! Our midday man, Tom Benner (who works, by the way, at KNEW 910 0000-0500 Sat and 0500-1200 Sunday, PLP), borrowed KNEW's "wheel" and applied it, successfully, to KNBA. We have Current 1 and 2, Recurrent 1 and 2, Oldies 1, 2 and 3. Briefly, C1, top 15 and rising, C2 top 15-40 and rising. R1 top 15 and falling, R2 15-40 and falling. O1, a dynamic hit from last ten years, O2 last 15 years, O3, emergency oldie, hi. We start after Mutual news with an O1, 180 seconds commercial, then C1 and so on. This gives a good mix of music. I've applied it to my Country show on Saturday afternoon and seems to work well. Only problem is that on the A.C. chart, they're behind on the cross-over C&W music, compared with the Billboard Country chart.

Does anyone out there have access to Broadcasting? KNBA has a subscription, but when it comes in, the boss takes it into his office, closes the door, reads it then hides it. No, I'm not kidding. I would like a glance (original or xeroxed) at the Announcer wanted section. I'm willing, at this point, to relocate anywhere on the west coast, even Southern California, hi, so long as it's Country. . .Adult Contemporary considered.

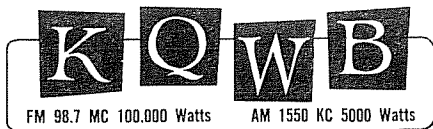
It's the week-after-the-Anniversary issue edition of WDXF, but an excellent cross-section of reporters. Good to have more Midwest reports as well as the Far East. You may be in the East, technically, Dan, but the Far East is far more applicable to west coast DX'ers.

In the "oooops" department; WGE, C2 can also be applied to new music, and once to twice an hour, it's a DJ special, again for new music or a DJ's favorite, or a special listener request.

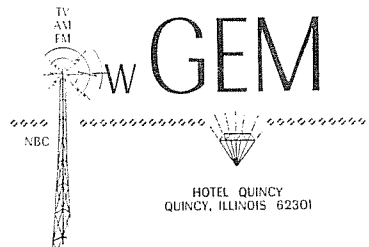
OK Seattle, lots of room left for you. See you in 7. 73 de Rth. .

BRUCE PORTZER - 6546 19th Avenue Northeast - Seattle, WA 98115

Since I missed last week's issue, I guess I'll have to give my life story this week. I'm a 29 year old married Electrical Engineer. I work for R.W. Beck & Associates, an engineering design/consulting firm which likes to send me to popular vacation spots like Ogden, UT, and Amarillo, TX, hi. I began DXing in 1964 and have since heard 1807 stations in 45 states, 7 provinces, and 63 countries. Veries number about 600 from 41 states, 7 provs, 34 countries. First catch was CFRN-1260, first verie was KFBK-1530 (as if anyone cared, hi). My rather motley collection of equipment includes a Hammarlund HQ-180A, FRG-7, Northern NC-120, Sanyo RF-7220, Realistic 12-655, and a few non-functioning receivers; a 4' box loop, SM-2, and 2 longwire antennas; Heathkit SE-620 panadapter, LM-14 freq meter w/Optoelectronics freq counter, Heathkit scope, homebuilt xtal calibrator, Krohn-Hite & Mizuho audio filters, Sony TC-355 reel-to-reel recorder, Teac and Sony cassette recorders, plus a bunch of miscellaneous boxes for switching from one of the above items to another. I also have been known to monitor PSB activities on my Regency programmable scanner. Some of the more memorable DX catches here include WKBR-1250, WJDY-1470, WCDD-1440, WCCP-1560, WEBS-1560, WCHO-1250, WRAD-1460, WBAT-1400, KLIN-1400, KBTA-1340, and a bunch of other oddities I wouldn't mind hearing again. (oops, I forgot CKRW-610...). Best foreign DX: 3YW-1460, DXRS-1196, YVJD-1380, Algeria-891, KFRB-900, and 3 Indonesians. I prefer to DX foreign stations, but also spot-check the domestic channels for choice DX tidbits, especially when the furrenners aren't coming in. Other interests include electronic tinkering, speech writing & delivering, and travelling.



BOX 2122 - FARGO, N. DAK. 58102 701 - 235-7551



HOTEL QUINCY  
QUINCY, ILLINOIS 62301

# RANDOM REMARKS ON CHINESE BROADCASTING

by Pete Taylor

Preparatory to the trip to China my wife and I took in Nov./Dec. 1979, I dug through ten years' worth of WRTVHs, FBIS, and anything else I could find to track MW activity. Next, I typed a list, by province and frequency, of Chinese stations which were presumed to be in existence in 1978. This task involved guessing the correct provinces (there weren't any in FBIS or recent WRTVHs). Next, I had to convert all the names from Wade-Giles to Pinyin, and that was alot of fun. The trip to China of course was astounding. Surely no other DXer had been there in recent times, and as much as I wanted, I simply couldn't spend the whole ten days at the dials. The PRC customs in Hong Kong saw the ICF 6700W and simply asked me to remove the batteries (they didn't see the SM-2) and that was that.

The next significant activity was the report I prepared reflecting the DX I had encountered. Using the Radio Shack CTR-48, I taped many IDs (and some other programming as well.) Fortunately, before the trip, I had met a clerk at the local Safeway store who was born in Guangzhou/Canton and raised in Taipei. She spoke Mandarin and Cantonese, and pretty obviously, was a major help in the translation. (She couldn't understand "Zigong" however so I visited the PRC consulate; they failed, too. Beijing finally identified it.) Frances Leung also translated a basic DX-related letter I wrote into Chinese. I also sent a page listing the stations in each province which I had taped, and on the back, a list of "known" provincial stations. The letter explained the DX hobby, specified reception information, and requested a current list of stations plus a verie. Most of these, with a cassette, were mailed in January 1980.

The next activity involved putting to use a Romanized Pinyin atlas I bought in Shanghai. This cleared up most of the remaining mysteries as to provinces. A few remained, however, and these related to the existence of more than one city with the same name (in several provinces) and to the border shifting over the past few years in Jilin, Nei Monggol, and Heilongjiang provinces (FERC recently mailed a correct map of the area involved.)

The final major step in trying to come up with an accurate China list of MW stations came with the acquisition of the Geneva plan. This notes synchronized stations on the same frequency, and coordinates. This cleared up the remaining mysteries, and as it turned out, most of my guesses were correct.

Since the report was published in DXM and DXN last year, I have been keeping a record of PRC monitoring and waiting for the PRC veries to roll in. It has been slow, but very interesting. Xinjiang sent a tape (with a very unusual reel) of some light opera. Shandong sent a newspaper listing of stations in a variety of provinces, and spelled the province "Shantung" on the envelope. Several sent program schedules, and they all sent QSLs. The latest, from Guizhou, must reflect a trend. The cards are usually artistic and attractive, and on the back, the writer fills in the frequency and the date. In the case of Guizhou, the writer also had to fill in the name of the province. Unless it involves a local station (like Shanghai) the city is not listed.

The Geneva Plan listing provides many challenges, opportunities, and sources of frustration. Here are examples:

(1) The Chinese will be very heavily into synchronization if they follow the Plan, and there is no way to tell which of the outlets you heard. I have guessed some by tracking back into early WRTVHs. If Guizhou was noted as being on 1030 in old WRTVHs, there is a good chance that this is what you are hearing on 1026 now, where it is listed as one of several synchros. (I did note from Shanghai that Jiangsu-702 did have propogation distortion, day and night, but at the time did not attribute it to the existence of synchros. With stuff floating all over the band, with little regard to 9khz spacing, it seemed presumptive to assume they could control synchronization of two or more on the same channel...)

(2) WRTVH in the past has listed only the most powerful synchros on a particular frequency, whereas a 5 or 10kw outlet may actually be the one in operation.

(3) While I haven't had time to plot them, the Chinese are projecting frequent use of directional antennas. Some of these could be to protect another station, and some are probably designed to cover a populated area from a favorable antenna site. "Major lobe" is defined by the Geneva Plan book as "azimuth of maximum radiation," and what I presume is "null" they call "azimuths defining sector of limited radiation."

FREQ.	PROV.	CITY	KW	MAX.	NULL	FREQ.	PROV.	CITY	KW	MAX.	NULL
531	XJ	Yecheng	50	110 <sup>o</sup>	240-330	612	HL	Jixi	50	320 <sup>o</sup>	130-190
540	HL	Fuyuan	20	330	080-220		FJ	Sanming	100	220	090-070
567	HEB	Qinhuangdao	100	280	050-150	720	BJ	Beijing	150	240	020-100
594	XZ	Lhasa	300	330	180-240	783	HEB	Baoding	100	240	020-100
	ZJ	Wencheng	200	164	310-010						

(continued)

FREQ.	PRV.	CITY	KW	MAX.	NULL	FREQ.	PRV.	CITY	KW	MAX.	NULL
855	XJ	Busheng	10	050 <sup>0</sup>	170-200	1017	GD	Mei Xian	100	230 <sup>0</sup>	350-110
		Gegye	50	050	140-210	1107	JL	Hunjiang	100	310	080-180
		Ruto	10	050	170-210	1143	YN	Tengchong	50	120	250-280
	XZ	Lhasa	100	120	250-280	1152	JL	Tongliao	50	230	010-090
900	HL	Shuangyashan	10	320	090-190	1242	LN	Shenyang	100	280	060-140
909	XJ	Kashi	10	100	210-290	1323	XZ	Lhasa	100	330	180-240
936	AN	Su Xian	50	260	030-130	1341	HL	Yichun	100	320	090-190
945	XJ	Urumqi	100	140	290-010	1476	ZJ	Wencheng	200	210	340-080
963	XJ	Aksu	10	090	230-310	1521	XJ	Urumqi	500	080	330-010
		Yecheng	20	090	240-300	1548	SD	Rushan	100	220	000-080
981	XJ	Hotan	10	120	260-340	1575	GS	Yumen shi	100	135	070-210
		Kashi	10	090	240-300	1593	HL	Jiamusi	10	230	010-090
999	XJ	Taxkorgan	10	100	210-290		XJ	Taxkorgan	10	130	270-350
		Urumqi	100	120	260-340			Urumqi	100	150	270-050

So, now you know why some of them haven't been coming in too well !

The most obvious pattern explanation above is Wencheng ZJ-594, whose 164<sup>0</sup> DA puts a good blast over Taiwan. Urumqi-1521's 080<sup>0</sup> would shoot it over Mongolia, which doesn't necessarily explain their predominantly RR programming. The Dehua FJ PLA transmitters (666 etc.) are not noted as DA which I think is an omission. Also, we have to consider Changzhou-1044 with its frequent JJ programming, and the 118R/1296 Kunming stations which are reportedly FS.

(4) Here now is a list of China Geneva Plan assignments, which I trust you will use only as a reference, since it is in conflict with some current monitoring, and since many currently operating stations are not included. This simply portrays what the Chinese were thinking when they submitted the list. (S = synchronized)

FREQ.	PROV.	SVC.	KW	City/#	stns(S)	FREQ.	PROV.	SVC.	KW	City/#	stns(S)
531	FJ	L	10	Jinmen		747	TW	P	350	4S	
	XJ	P	200	4S			YN	P	120	4S	
540	(19)	C1	-	101S		756	(17)	C1	-	85S	
549	FJ	P1	200	2S		765	FJ	?	100	Fuzhou	
558	FJ	P1	90	4S			NM	Pc	110	5S	
	JL	L	10	Changchun		774	HB	P	210	5S	
	XJ	Pu1	80	7S		783	HEB	P	140	4S	
567	HEB	C1	300	3S			XZ	P	170	9S	
576	YN	P1	160	8S		792	GX	P1	220	6S	
585	GS	P	200	Lanzhou			LN	L1	5	Shenyang	
594	SD	P	180	7S			SH	L2	50	Shanghai	
	TW	L	1	Jilong			SN	L	10	Xi'an	
	XZ	Pc	300	Lhasa		801	GD	P	130	5S	
	ZJ	TS	200	Wencheng		810	ZJ	P1	110	5S	
603	GD	P	150	4S		819	GS	L	10	Lanzhou	
	HB	L	10	Wuhan			SX	P1	240	4S	
612	FJ	P1	180	5S		828	BJ	L1	50	Beijing	
	HL	P	200	4S			GD	P	310	6S	
621	HL	P	240	5S		837	HB	L?	300	Wuhan	
	QH	P	40	3S			TJ	L	10	Tianjin	
630	SC	C1	85	12S		846	GD	P	200	6S	
	(14)	C2	-	67S			JS	L	10	Changzhou	
639	(11)	C1	-	50S			SX	P1	71	5S	
648	AN	L	5	Tongling		855	(18)	C2	-	90S	
	GD	P1	200	6S		864	AN	P	160	4S	
657	HEN	P1	190	5S		873	GS	P	120	6S	
666	FJ	FF1	200	Dehua			GD	L	5	Zhaoqing	
	HL	L	10	Jiamusi			HL	P	150	2S	
	QH	Pc	130	3S		882	FJ	P1	150	6S	
675	NM	Pc	120	2S			LN	L	10	Luda	
684	GD	?	200	Haikou		891	HX	P	130	3S	
	GS	P	70	6S		900	GX	P	260	5S	
	HEB	L	10	Tangshan			HL	P	170	5S	
	HL	L	10	Mudanjiang		909	TJ	L1	50	Tianjin	
	LN	L	10	Fushun shi			XJ	Pu2	82	10S	
	ZJ	L	10	Dinghai			ZJ	PLA	100	Wencheng	
693	SN	P	200	8S			HL	L	5	Yichun	
702	JS	P1	100	4S		918	HEB	L	5	Zhangjiakou	
	XZ	L	5	Lhasa			SD	P	190	5S	
711	QH	P?	130	3S		927	BJ	L2	20	Beijing	
720	(15)	C2	-	75S			GZ	P	160	8S	
729	JX	P	260	6S			JL	L1	10	Jilin shi	
738	GD	C1	10	Guangzhou		936	AN	P	190	5S	
	JL	P	170	7S			XZ	P	130	4S	
	NM	L	5	Huhhot		945	(10)	C2	-	56S	
	XJ	Pc	82	10S							

(continued next page)

954	GD	L	30	Haikou	1242	HL	L	100	Jiayin
	GZ	L	5	Jianhe		LN	L	100	Shenyang
	SC	P	50	3S		YN	P	90	7S
	TJ	L4	50	Tianjin	1251	AN	L	5	Hefei
963	LN	P	200	5S		QH	Pm	130	3S
	NM	L	5	Huhhot	1260	LN	P	250	6S
	XJ	P	80	7S	1269	FJ	FF1	200	Dehua
972	HL	L	20	Harbin		GX	L	50	Nanning
	HEN	P2	225	10S		NM	L	10	Linhe
981	(10)	C1	-	58S		SX	P1	60	4S
	JL	C1/2?	95	7S	1278	FJ	L	10	Xiamen
990	LN	L1	10	Luda		HEB	P	150	7S
	SH	L1	20	Shanghai		XZ	P	200	8S
	YN	P	100	7S		ZJ	L	5	Hangzhou
999	TW	P	200	2S	1287	GD	L	5	Huizhou
	XJ	P c	120	3S		GD	L	5	Zhanjiang
1008	SN	P	160	4S		NX	P	150	2S
1017	GD	P	210	6S	1296	LN	L	10	Benxi shi
	JL	L	100	Changchun		SH	L4	20	Shanghai
	QH	P	40	3S		SN	L	5	Xi'an
1026	BJ	L3	20	Beijing		YN	FS	300	Kunming
	GZ	P	120	4S	1305	(16)	C2	-	93S
1035	(11)	C1	-	52S	1314	JS	P1	40	3S
	JL	C1/2?	45	5S		NM	L	100	Erenhot
1044	JS	FS/C2,1	300	Changzhou		SC	L	5	Chongqing
	XJ	P	82	10S		SD	L	10	Jinan
1053	JL	L	10	Antu		XJ	?	100	Yiwu
	SD	L	5	Jinan	1323	HN	P	190	6S
	YN	P	140	7S		JL	L	100	Changchun
1062	GD	P2n	300	7S		XZ	L	100	Lhasa
	XZ	P	200	8S	1332	FJ	L	10	Fuzhou
1071	GX	P1	130	3S		HEN	P1	120	7S
	HL	L	10	Qiqihar	1341	GD	P/FS	280	7S
	LN	L	10	Anshan		HL	P/FS	360	7S
	SN	L	10	Baoji shi	1350	JS	L	5	Lianyungang
	TJ	L2	50	Tianjin		XJ	P	180	4S
1080	GD	L	200	Haikou		YN	L	10	Kunming
	GD	L	5	Shantou	1359	(16)	C1	-	83S
	JS	L	10	Wuxi shi	1368	HB	L	10	Wuhan
	SC	L	5	Chongqing		NM	P	90	4S
1089	HEB	L	5	Baoding		SC	L	10	Chongqing
	LN	P	180	7S	1377	FJ	FF2	200	Dehua
	TW	P	120	3S		SD	L	10	Qingdao
1098	FJ	L	10	Xiamen		XZ	P	121	4S
	GD	L	5	Maoming	1386	FJ	L	10	Jinmen
	NM	P	110	5S		GX	L	5	Linzhou
1107	JL	P	240	8S		TJ	L3	50	Tianjin
	XJ	P	80	7S	1395	AN	P	100	6S
1116	GD	P	200	4S	1404	HB	P	140	3S
	JL	P	200	2S		LN	L	10	Dandong
	SC	P1	170	9S	1413	JS	P1	70	3S
1125	HEB	P	180	5S		XJ	Pu1	120	3S
1134	GD	L	10	Zhanjiang	1422	LN	P	110	4S
	ZJ	P	120	6S		SH	L3	20	Shanghai
1143	NM	L	10	Dongsheng	1431	AH	L	5	Bengbu
	YN	P	200	4S		HL	Lm	100	Hailar
1152	HN	P	130	5S	1440	GX	P1	170	7S
	JL	Lm	50	Tongliao		LN	P	30	2S
	LN	L	10	Shuangfeng	1449	JL	L	10	Changchun
1161	SC	P	155	10S		XJ	P	90	5S
1170	XZ	L	200	Qamdo		XJ	P	82	10S
1179	NX	P	190	4S	1458	NM	Pm	120	2S
1188	NM	Pc	140	5S	1467	FJ	P2	90	4S
	YN	FS?	300	Kunming		SC	L	50	Chengdu
1197	HL	L	5	Harbin	1476	BJ	L4	20	Beijing
	NM	L	10	Jining		HB	L	10	Huangshi
	YN	P	190	5S		ZJ	TS	200	Wencheng
1206	JL	Lk	100	Yanji shi	1485	(18)	L	-	36 local stations
	NX	P	110	2S	1494	FJ	P	170	5S
	YN	FS?	300	Kunming		JL	L	100	Tongliao
1215	(12)	C2	-	57S		XJ	P	80	7S
1224	SC	P1	100	Chengdu	1503	NM	Lc	10	Jining
	TW	P	120	3S		ZJ	P1	140	4S
1233	HN	P	200	6S	1512	HL	L	50	Hailar
	XJ	P	120	3S		TW	P	160	3S

1521	SN	P	150	6S	1566	GD	P	310	7S
	XJ	FS	500	Urumqi	1575	GS	P	160	6S
1530	JL	P	140	5S		ZJ	L	10	Wenzhou
	NM	P	200	3S	1584	(14)	L	-	18 local stns.
1539	FJ	FF2	200	Dehua	1593	BJ	L	10	Beijing
	QH	P	130	3S		HL	L	10	Jiamusi
1548	SD	P	190	5S		HB	P	110	3S
	XZ	P	170	9S		XJ	Pm	120	3S
	ZJ	L	10	Ningbo	1602	(9)	L	-	14 local stns.
1557	FJ	P	150	6S					
	LN	L	20	Chifeng					
	SH	L	1	Shanghai					

(NOTE: The Geneva Plan lists the cities alphabetically by frequency. Using the coordinates provided, I determined the provinces. If an (S) was designated, I combined them. No, the Chinese did not note the programming service. To make the list more relevant, I listed information based on my own observations while I was there or on more recent monitoring reports.) (Additional symbols: FF1,2= Fujian Front/PLA; T5=Taiwan svc.)

(5) By plotting the use of the graveyard channels (540, 639, 756, 981, 1035, 1359; 630, 720, 855, 945, 1215, 1305) it is my firm conviction that these will provide synchronized C-1 and C-2 service over the entire country on a fulltime basis as soon as they are all constructed. In the meantime, C-1 and C-2 programming will continue to be broadcast on, and reported on provincial networks. Some provincial networks simply run out of material and latch on to C-1 or C2 programming at any given time; these then are reported as C-1 or C-2 frequencies, whereas it is the exception and not the rule.

Using this approach, let's take a look at graveyard channel usage. (C=conforms).

PROVINCE/AREA	C	C-1 FREQUENCIES						C-2 FREQUENCIES							
		540	639	756	981	1035	1359	TTL.	630	720	855	945	1215	1305	TTL.
ANHUI (AN)	C	5	-	6	-	4	-	15	6	-	-	4	5	-	15
BEIJING (BJ)	C	-	1	-	-	-	-	1	-	1	-	-	-	-	1
FUJIAN (FJ)	x	-	-	3	6	-	4	13	-	5	4	-	-	5	14
GANSU (GS)	C	6	-	6	-	6	-	18	6	-	-	6	-	6	18
GUANGDONG (GD)	x	6	-	3	5	-	-	14	5	4	-	-	3	-	12
GUANGXI (GX)	x	-	6	7	-	-	3	16	-	4	7	-	-	6	17
GUIZHOU (GZ)	C	5	-	4	-	-	8	17	8	-	4	-	-	5	17
HEBEI (HEB)	x	-	3	2	5	-	4	14	-	5	4	-	-	4	13
HEILONGJIANG (HL)	x	9	-	7	-	10	1	27	7	-	-	10	9	-	26
HENAN (HEN)	C	-	7	10	-	-	5	22	-	7	5	-	-	10	22
HUBEI (HB)	x	3	-	3	-	4	-	10	3	-	-	3	5	-	11
HUNAN (HN)	C	5	-	6	-	6	-	17	6	5	-	6	-	17	
JIANGSU (JS)	x	-	4	-	3	-	4	11	-	4	4	-	2	-	10
JIANGXI (JX)	C	6	-	-	6	4	-	16	4	-	6	-	6	-	16
JILIN (JL)	x	-	6	-	7?	(6)*	9	22	9	6	-	-	-	21*	
LIAONING (LN)	x	8	-	6	5	5	-	24	5	1	-	6	6	5	23
NEI MONGGOL (NM)	x	6	-	-	7	2	-	15	-	2	6	-	-	6	14
NINGXIA (NX)	C	-	2	2	-	-	3	7	-	3	2	-	-	2	7
QINGHAI (QH)	C	3	-	-	3	-	3	9	-	-	3	-	3	3	9
SHAANXI (SN)	C	-	6	4	-	-	7	17	-	6	7	-	-	4	17
SHANDONG (SD)	C	5	-	7	-	5	-	17	5	-	-	5	7	-	17
SHANGHAI (SH)	C	1	-	-	-	-	-	1	-	-	-	-	-	1	1
SHANXI (SX)	C	4	-	5	-	4	-	13	4	-	4	5	-	13	
SICHUAN (SC)	x	-	-	-	-	-	11	23** (12)	11	1	-	-	-	12	24
TAIWAN (TW)	C	4	-	-	-	2	3	9	3	-	4	-	2	-	9
TIANJIN (TJ)	C	1	-	-	-	-	-	1	-	-	-	-	-	-	1
XINJIANG (XJ)	C	-	3	-	10	-	7	20	-	-	10	3	-	7	20
XIZANG (XJ) (Tibet)	C	9	4	-	8	-	-	21	-	8	4	-	-	9	21
YUNNAN (YN)	C	9	8	-	-	-	7	24	-	-	7	9	-	8	24
ZHEJIANG (ZJ)	C	6	-	4	-	-	4	14	4	-	6	-	4	-	14

Nineteen provinces/areas are consistent with this approach. Exceptions:

FJ: No C2 in Fuzhou; no C1 Samning, Zhangzhou

GD: No C2 Haikou, Jiexi, Shaoquan, Zhaoqing; no C1 Huizhou, Huaiji

GX: OK except for extra 720 outlet (.5kw) in Liuzhou

HEB: no C2 Anci, Fengning, Handan shi; no conforming C1 Qinhuangdao, Shijiazhuang, Zhangjiakou (it is believed synched C1s are in these cities on 567, 100kw ea.)

HB: no C1 Wuhan, unless 837 300kw is being used for that purpose

JS: 2 C1s in Nanjing, 639 & 1359

\*JL: no C2 Changchun, unless the extra 981 is being used for this. Six cities have two

C1 freqs (981/1035). For totals above I have 981 as C1 and 1035 as C2.

LN: no C2 Shenyang. Only province requiring use of four channels each.

NM: No C2 Otog Qi (should be on 1305)

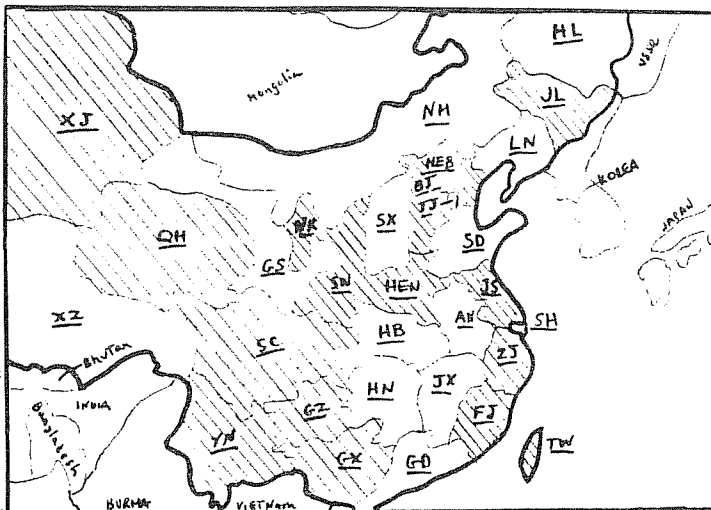
\*\*SC: No C1 Chengdu, unless 855 is used for it (only SC on 855). 1359 is the only C1 freq included. I think 630 is a typo and that it s/b 639/C1 rather than the extra 630.

Other than Chengdu, this would make the province conforming.

HL: extra station on 1359, C1 frequency, Jiamusi.

Other than these mostly explainable (or at least understandable) aberrations, there is one other thing that seems to tie it all together. This is the fact that

there appears to be no particular rhyme or reason for why some frequencies are in some provinces but not in some of the others. The map to the right shows the provinces using 1359 kHz (the shaded areas). When I embarked on this part of the study, I was hoping there would be some sort of geographic separation between provinces using the same frequency but that isn't the way it turned out. With separation of this kind, they would be more likely to carry some sort of provincial programming without interfering with stations in the next province. However, it just looks to me like they are all going to be synchronized all the times with C1 or C2 programming.



(6) So what's on the air on your typical Chinese radio station? Here's a program schedule from GUANGXI PEOPLE'S BROADCASTING STATION (Beijing time):

PROGRAM 1 (792 1071 1440)

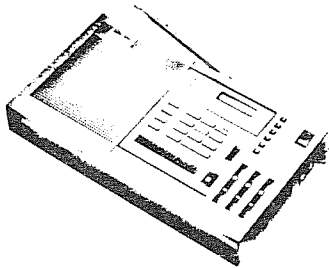
5:05am S/on; program schedule  
 5:15 MWFSu Music  
 TuThSa Opera  
 5:30 Farm news  
 5:50 Wx - local dialect  
 5:55 Political song of week  
 6:00 MWFSu Opera  
 TuThSa Music  
 6:15 Local news  
 6:25 Wx in Mandarin  
 \*6:30 News analysis  
 7:00 Su only - music  
 7:15 MWF Discussion  
 TuThSa Provincial Rpt.  
 Su Music  
 7:30 Red Guard Life  
 7:50 Opera  
 8:00 MF Opera (to 9)  
 TuThSu Art Discussion (to 10)  
 WSa Literature (to 9)  
 9:00 MWF Broadcasting disc'n (to 9:30)  
 Sa Newspaper article disc'n.(to 9:20)  
 9:20 Sa Opera (to 11)  
 9:30 M Literature  
 WF Music  
 10:00 Chairman Mao Communist Study Pgm.  
 Su only Music Discussion (to 11)  
 10:20 MSF Music  
 TuThSa Opera  
 11:00 Novel (soap opera)  
 11:55 Commercials or music  
 12n M-Sa Science program  
 Su Opera  
 12:15p M-Sa News headlines  
 Su Letters from listeners  
 12:20 MWFSu Music; TuThSa Opera  
 12:30 English lessons - medium level  
 1pm Sign-off  
 4:50pm Sign-on & program schedule  
 5pm MWFSu Local opera  
 TuSa Music  
 Thu Literature  
 5:40 MWF Music; TuThSa Opera; Su Lit.

6:10p Political song of the week  
 6:15 Headlines (Su: listener letters)  
 6:20 Weather - local dialect  
 6:25 News or music  
 6:30 Sun-Fri Music; Sat Army & people  
 6:45 Science & Technology  
 7pm M-Sa Farm news (to 7:30)  
 Su Listener requests (to 8)  
 7:20 MWF opera  
 TuThSa Music  
 \*7:30 National program (C1)  
 7:50 News/music  
 \*7:55 Central news report  
 8:30 MF Literature; TuTh Opera; W Music;  
 SaSu Arts & Literature (to 11)  
 9:00 MWF News report/discussion  
 Tu Music; Th Requests  
 9:30 M-F English lesson (medium)  
 10:00 M Music; Tue Lit.; WF Opera;  
 Th Foreign classical music  
 11:00 International music. 12mid - s/off

PROGRAM 2 is on from 5:30-8a, 10:50a-2:05p, and 5:50-11pm. Programming different from P1:

5:45a Mongolian program - N dialect  
 6 Mongolian program - S dialect  
 6:20 Weather - N. Mongolian dialect  
 2pm Maritime weather report  
 7pm Mongolian program - S dialect  
 7:30p Provincial news  
 9:30p Mongolian program - N dialect  
 (Pgm.2 is on 846 1161 & 1224 kHz)  
 The program schedule also says you can tune in C1 programs in southern Guangxi on 639kHz from 11am-5pm local time. I presume this is the old Nanning on 635, but who knows what it does for the rest of the broadcast day...

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 That cleans out my China file for awhile. Any comments or reactions are most welcome. Thanks go to Bruce Portzer whose recent China article inspired me to put all this together. FYI, Guangxi P1 is #1 in the Nanning Arbitron with 59.2 share.



SONY

FM/AM PLL SYNTHESIZED RECEIVER

# ICF-2001

by Pete Taylor

I saw my first ICF 2001 in London last summer in a hifi shop, and smugly went about punching up all the local MW stations for the sales clerk, who was impressed, but not to the point of dropping the \$370 price (included VAT.) I bought it here in San Francisco in November for about \$300. It lists for about \$325, but has been had for as little as \$280 in New York.

The ICF 2001 weighs about 4 lbs with batteries, is 12 $\frac{1}{2}$ " wide, 6  $\frac{3}{4}$ " wide, and 2 $\frac{1}{2}$ " thick. It comes with mini-earphone, shoulder strap, external AM antenna, and 120v AC adapter. AM coverage is 150-29,999kHz; FM goes from 76-107MHz, which takes in the Japanese FM band but not the eastern Europeans. The computer takes two AA batteries, and the radio takes 3 D batteries. Scanning may be done up or down the band and has two speeds. The "L" buttons determine the upper and lower frequency limits when you use the automatic scan mechanism. The built-in ferrite antenna covers 360-2143 kHz. There are six memory buttons. It has a BFO (1 kHz increments), a "DX" switch which varies sensitivity (3 position), and an antenna tuner. (It also has manual BFO). Five sequential LEDs are used to show signal strength. You may depress a button and light up the frequency display. It is ideal for checking //s on SW (or elsewhere on AM). It has a "sleep" switch which allows you to leave it on for up to 90 minutes before it turns itself off.

I am a practical DXer and not an engineer, and my experience with it ranges from the beaches of Cabo San Lucas to the mudflats of Tacoma in December. Here are some of the things I have run into with the ICF 2001:

(1) Poor battery life. I must be averaging 5-6 hours on the D batteries. The computer batteries died in Mexico after maybe 30 hours. Specs call for 9-10 hours and a year, respectively.

(2) Physical instability. It is a slim unit, but the back half must be loaded because it falls over very easily. On some tufted carpeting, it won't stand up at all. It does have about an inch wide extension which when it's on it's back, raises the top about 15° off of horizontal. (I'd like about 45°).

(3) Screw-type antenna connection. And recessed at that (not good for chubby fingers.) I prefer the depress-and-insert type for expediency.

(4) Overloads easily. While listening to KNX the other night (not a shabby signal) in maximum sensitivity, I inserted the external antenna and was then listening to KKIS-990. I had to back down the "DX" switch to lesser sensitivity.

(5) Award scanning. If you scan slowly, it takes forever. With fast scan, it is most difficult not to bypass a mystery signal and then having to slow scan back to where you think it was. This is mostly applicable to SW DXing.

(6) Memory limitations. There are six memory buttons which can be used on either AM or FM, but not both, for a total of 12 (6 AM, 6 FM). If buttons 1 & 2 are on 93.1 and 104.1, but the unit is on AM, you get nothing when you depress them.

(7) Power switch vulnerability. More than once, the unit has turned itself on inside my suitcase. I use large rubber bands (or tape) to keep it off.

(8) Slide pots - no big deal. It requires more physical movement to move the volume, bass, and treble slide pots up and down than it would to turn a knob. Due to the unit's instability (#2 above) you have to hold the unit with one hand to use these pots, or put it on its back, lurching over it as you use them.

(9) Other/miscellaneous. The manual display light barely makes the frequency display readable, and does not provide enough light to write by. The BFO is not terribly stable. And to quote its own manual, "Reception of 299, 350, 400, 5760, 11520, 10700 and 21400kHz may be difficult because of internal spurious signals generated by the built-in oscillators."

Another problem I had with it is the fact that it does not take large earphone jacks, but I think this is a key to the overall problem. The unit is caught in that gray area between being a handy portable and a serious communications receiver. It is pretty expensive for a portable, but not quite up to snuff as a serious DX unit. Overlooking the battery problem and its not-so-hot image rejection in busy signal areas (LW DX here is impossible, unless I go hide behind some mountain) I think we just have to regard it as one of the better compact units which as the first of its kind, will surely undergo improvement modifications in the years to come. If suitcase room is a factor, I'd take it. If not, I'd revert to the ICF 6700W.



UNREPORTED STATIONS UPDATE

by Don Kaskey

The following charts list the total number of stations in the USA and Canada and the volume they were last reported as being heard. (Thru V18 #25 3/14/81).

VOLUME #	18	17	16	15	14	13	12	Prior	Total
CANADA	228	73	24	12	8	1	2	53	401
U.S.A.	2308	782	498	216	103	74	113	469	4563
TOTAL	2536	855	522	228	111	75	115	522	4964

Additions to list (brand new stations): None

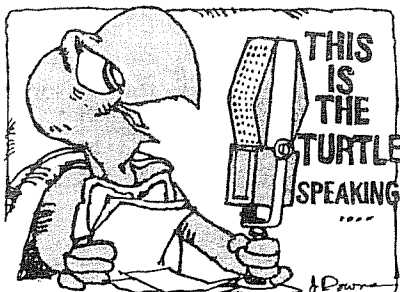
Deletions to Unreported Lists: The following stations have been reported as heard during Volume 18 (#21 thru 25) by ICA members in DX:

- FL---41 WTOT-980 (Jeter-GA), WAZE-860 & WZEF-1460 (Thomas-FL)
- GA---25 WBAU-1340 (Kramer-IL)
- IL---3 WBR-1560 (mistakenly reported as on the air--still a CP)
- IA---1 KLEE-1480 (Skain-IA) KRAY-1470 (Horns-UT)
- NI---4 WLM-1540 (Wolfish-OH)
- NE---0 KALC-1230 (Moman-AB)
- NE---3 KSID-1340 (Horns-UT)
- NY---11 WCR-1600 (Wolfish-OH)
- OR---1 KLVJ-1090 (Horns-UT)
- PA---8 WFA-1450 (Kramer-IL)
- SC---22 WFGH-1570 (Townshend-DC)
- TX---83 KTFB-1400 (Bank-NE)
- WV---12 WBDY-1190 (Brooker-OH)
- WY---0 KYBN-1340 (Horns-UT)

In Volume #16 2608 domestic stations were reported in DX. In Volume #17 2692 were reported. If we all report our DX we should be able to top both of those figures this volume. Here are a few stations that have remained unreported to DX for over 6 years that some one should be able to dig out and report to DX: CO-KBZ-1400, KPAG-1400, KRIW-1450---DE-WARE-1260---IL-WAB-790, WJHL-1060, WFA-1360---IN-WBBN-1540, WBI-1550---IA-KLEA-1370---MD-WHU-1450---PA-WMI-1240---NE-KQBD-1000, KENC-1230, KGFV-1340---OH-WOU-1230, WLMN-1400---NJ-WUN-1000, WVL-1270, WJJE-1460---ND-KPCK-1340, KPFM-1370---OR-KRKS-1230---VT-WCY-1230, WYER-1490---WI-WIG-1400---WV-SPAR-590, WTM-610, WYPS-1230---WY-WTV-1490, ---OH-CPLK-1230, CALH-1340, SPFS-1490.....73 etc.....

Q. A number of years ago, there was a disc jockey somewhere in Florida who was nicknamed the "Turtle." I know it's quite a long shot, but might you be able to find out whatever happened to him?

MRS. D. R.



A. How could someone go through life with a moniker like the Turtle? Action Time can only guess he took the name from that famous tongue-in-cheek Turtle Club. Anyway, we asked the International Radio Club of America for help, and it shelled out an answer: "None of our members had heard of such a DJ nickname." However, the club provided you with the address of the Florida Association of Broadcasters in Gainesville, which might be able to help. The radio club added, "The IRCA is composed of people who listen to far-off AM radio stations as a hobby. For example, a young man in the state of Washington strains his ears to hear the identification signal from a channel in China while in California a retiree tunes in the 1930s swing music from a station in Minneapolis. The hobby is as old as radio itself and is enjoyed by people all over the world." People interested can write to Bruce Portzer, International Radio Club of America, Box 21074, Seattle, Wash. 98111.

Chicago Sun-Times, via Robert Kramer

CONSTITUTION  
OF  
THE INTERNATIONAL RADIO CLUB OF AMERICA, INC.

ARTICLE I- NAME

The name of the organization shall be the International Radio Club of America, Inc.

ARTICLE II- PURPOSE

The purpose of the International Radio Club of America shall be to promote the hobby of radio listening on the AM broadcast band.

ARTICLE III- MEMBERSHIP

Membership in the International Radio Club of America shall be open to anyone in any nation interested in the hobby of broadcast-band DXing.

ARTICLE IV- DUES

Dues in the International Radio Club of America shall be enacted on an annual basis, the amount to be determined by the appropriate governing body, to be known as the Board of Directors.

ARTICLE V- OFFICERS

The government of the International Radio Club of America shall be comprised of the following officers:

1. President
2. Secretary-Treasurer
3. Board of Directors (seven members)

ARTICLE VI- ELECTIONS

Elections for President, Secretary-Treasurer, and Directors will be held every two years.

ARTICLE VII- CONVENTIONS

The one official international meeting of the International Radio Club of America shall be the annual convention.

ARTICLE VIII- AMENDMENTS

Amendments may be made to this Constitution by submitting a proposal in written form to the President of the International Radio Club of America at least 60 days prior to the beginning of the annual convention. To become enacted as an amendment, the proposal must receive a full hearing before the members assembled at the business meeting at the annual convention, and announcement must be made at that time to express the intent to have the full club membership vote on the proposal. In addition, to become enacted, a proposal must receive a two-thirds majority of the total club membership.

BYLAWS  
OF  
THE INTERNATIONAL RADIO CLUB OF AMERICA, INC.

ARTICLE I- NAME

The name of this organization shall be the International Radio Club of America, Inc., and the official abbreviation IRCA may be used in referring to this organization.

ARTICLE II- PURPOSE

The purpose of the IRCA shall be to promote the hobby of radio listening on the AM Broadcast Band, 510 to 1630 kilohertz, and to a lesser extent, on the longwave broadcast band.

ARTICLE III- ELECTION OF OFFICERS

1. Frequency of Elections; Term of Office

Regular elections shall be held in odd-numbered years to elect the officers listed in Article V of these Bylaws, including the Chairman of the Board. All terms of elective office shall begin at 0001 Mountain Local Time, on September 15 of odd-numbered years (or, in case of replacements, at 0001, Mountain Local Time, on the date of the DX Monitor in which the results of elections are announced) and shall expire at 2400, Mountain Local Time, on September 14 of odd-numbered years.

2. By Whom Elected

1. The President and Secretary-Treasurer shall be elected by the membership at large. Each member in good standing shall have one vote for each office.

2. The seven members of the Board of Directors shall also be elected by the membership at large. Each member in good standing may vote for seven of the candidates seeking Directorships.
3. The Chairman of the Board of Directors shall be elected by the Directors of the Board in accordance with III, 6.

3. Eligibility to Hold Office.

Any member in good standing, regardless of where he lives, shall be eligible for regular election to any office provided he has held one year's continuous membership in the IRCA as of April 15 of the election year. For purposes of special elections, the requirement shall be one year's continuous membership as of the effective date of the vacancy of the office in question, such date to be determined by the President. It is not necessary for an eligible member's name to be printed on a ballot for him to be elected.

4. Authority for Elections

The Election Committee Chairman (ECC), appointed by the President and confirmed by the Board, shall handle all aspects of all elections of officers, whether regular or special, with complete authority.

5. Regular Elections: Procedures and Dates

1. The President shall be responsible for announcing in the DX Monitor full details concerning the upcoming elections approximately February 15 of election year.
2. Nominations shall be open for President, Secretary-Treasurer, and the seven members of the Board of Directors from March 1 through April 15. Only one nomination each for President, Secretary-Treasurer, and only seven nominations for the Board, shall be allowed each IRCA member. All nominations must be submitted in written form to the ECC by April 15.
3. As soon as possible after April 15, the ECC shall send to the Secretary-Treasurer a list of all nominees. The Secretary-Treasurer will return the list to the ECC as soon as possible, indicating which nominees have been members in good standing for the required one-year period.
4. The ECC shall notify by letter all eligible candidates concerning their nomination by May 1. Each letter of nomination shall contain the names of all eligible members who have been nominated for the particular office in question. Such letters must stress that the nominee must reply in writing if he accepts the nomination, and each such letter must request from each nominee a campaign statement not to exceed 20 bulletin lines to appear in a June issue of DX Monitor. However, a nominee is not required to submit a campaign statement provided he has duly notified the ECC of his intention to run for office. An IRCA member may be nominated for more than one office, but he must decide for which he prefers to run and so notify the ECC. A nominee who has indicated his intention to run for an office may not be considered as a write-in candidate for another office in the same election.
5. All letters of acceptance of the nomination, and all campaign statements, must reach the ECC by May 20. The ECC shall prepare the ballot and the campaign statements and submit them to the Publisher by June 1. Ballots shall contain spaces for write-in candidates. The ECC is solely responsible for any editing necessary to bring campaign statements down to 20 bulletin lines or to conform campaign statements to any officially adopted IRCA policies regarding bulletin content. The Publishing Committee may not make further changes in campaign statements without the consent of the ECC.
6. Ballots must be received by the Election Committee Chairman no later than 0001, Mountain Local Time, on August 1.

6. Election of the Chairman of the Board

The ECC shall ballot the Board of Directors soon after each regular election to determine the Chairman of the Board, who will be the spokesman for the Board and will be responsible for assuming the President's office in case it is vacated during the current term. In the event the Chairman of the Board becomes Club President, he shall be required to resign his Board position. The ECC shall then ballot the Board of Directors again to determine the new Chairman of the Board.

7. Special Elections of Officers

In the event the Secretary-Treasurer, the Chairman of the Board, or a regular Director on the Board resigns, or in any other circumstances requiring a special election of officers, a special election shall be conducted as soon as possible by the ECC, in accordance with the relevant

procedures outlined above. If advisable, the various deadline dates fixed in III,5 shall be altered by the ECC, but the relative timing of the various procedures shall be retained.

#### 8. Determining Winners

The seven eligible members who receive the most votes cast shall be deemed winners during a regular election of the Board of Directors. In all other elections, whether regular or special, the eligible member who receives the most votes cast shall be declared the winner.

#### 9. Ties in the Balloting: Insufficient Nominees

1. In the case of a tie in the balloting for President or Secretary-Treasurer, the Board of Directors (to be polled by the ECC) shall break the deadlock. In the case of regular elections, such deadlock shall be broken by the newly elected Board members.
2. In the case of a tie in the balloting for the Board of Directors, a run-off election among the persons who tied will be executed immediately by the ECC. In the event there is a tie in the run-off election, the elected members of the Board shall determine the winner. A deadlock in the Board voting shall be broken by the President, in the event his office is vacant, by the Secretary-Treasurer.
3. In the case of a tie in the balloting for the Chairman of the Board, the President (or in the event his office is vacant, the Secretary-Treasurer) shall cast the deciding vote.
4. In case no persons are nominated to fill the office of President or Secretary-Treasurer, or in case fewer than seven eligible members are nominated to the Board of Directors, and no eligible write-in candidate(s) is(are) declared the winner(s), the Board shall select the officer(s) in the best manner they see fit.

#### 10. Announcement of Results of Elections

The results of all regular and special elections shall in all cases be announced by the ECC in the DX Monitor within 30 days after the deadline for receipt of ballots. If it may be done in a timely manner, the election results shall first be announced by the ECC or his appointee at the annual business meeting.

#### ARTICLE IV- DUES

Dues will be collected on an annual basis; the amount will be subject to change by the action of the Board of Directors. The Secretary-Treasurer will be in charge of collecting dues.

#### ARTICLE V- OFFICES AND DUTIES

##### 1. Officers

The government of the IRCA shall be comprised of the following officers: President, Secretary-Treasurer, and seven members of a Board of Directors.

##### 2. Duties of Officers

###### 1. President

- a. Shall preside at all official club functions, including the annual business meeting, when in attendance. If he is not able to be present at an official club function, he will, whenever possible, appoint a member who does plan to be present to preside at the official club function; this appointment is not subject to Board approval.
- b. Shall be responsible for protecting the reputation and dignity of the IRCA, and to promote and administer the affairs of the club to the best of his ability.
- c. Shall, with the approval of the Board, have the power to bring reprimand and revocation proceedings against any member who he deems is not adhering to the rules of the organization; he must submit in written form any findings to the Board for their actions.
- d. Shall have the power to appoint the chairman of any committee, with the advice and consent of the Board of Directors.
- e. Shall have the power to remove a chairman of any committee for neglect of duty; this action must in turn be approved by the Board.
- f. Shall have the authority to act on any suggestions or proposals, making any recommendations if he so desires, but also submitting the primary proposal to the Board of Directors; any action on a suggestion or proposal is subject to the final approval of the Board.
- g. Shall have the power to vote on any proposal that does not receive a majority decision of the Board of Directors during the contemporary administration so as to break any deadlock that would occur.
- h. Shall not have veto action over the board.

- i. Shall update the Constitution and Bylaws whenever amendments are enacted and make printed copies available to the membership.
  - j. Shall be responsible for reporting the results of voting by the Board of Directors in the DX Monitor as soon as possible after the votes have been counted.
  - k. Shall request the Board of Directors to reconfirm the appointment of each Editor and Committee Chairman currently serving the club during September of the first year of his term. Such requests shall be accompanied by the President's recommendation concerning each individual, based on a review of the past two years. The Contest Manager and Courtesy Program Committee Chairman, however, are to be reconfirmed in May of each odd-numbered year.
2. Secretary-Treasurer
- a. Will be in charge of collecting all dues for membership and membership renewal.
  - b. Shall keep an up-to-date list of all members.
  - c. Shall keep a complete financial record of all monies received and spent.
  - d. Shall submit every six months a condensed financial statement to the Board for their examination, and at the time of said submission, shall present the statement to the membership through the official club publication. The financial statement of the club must be approved by the Board before publication in the DX Monitor.
  - e. May, with the consent of the Board, appoint members to assist him in some of the bookkeeping work.
  - f. Shall be responsible for recording and filing minutes of the annual business meeting. In his absence at the business meeting, he shall appoint another member to record said minutes.
3. Board of Directors
- a. Shall be responsible for protecting the reputation and dignity of the IRCA, and to promote the affairs of the club to the best of their ability.
  - b. Shall have the final power in ruling on any club affairs, suggestions, proposals, recommendations, or findings submitted by the President; the Board shall have the power to present legislation and findings as well as to make rulings.
  - c. Shall not have the power to appoint chairmen of the various committees, publishers or editors, but shall have the power to confirm their appointment.
  - d. Can conduct most of their business by mail, but if five are present during an annual convention, a quorum for business shall be said to exist.
  - e. Shall have the power, if they deem it necessary, to call for a special election to submit a major issue to the membership-at-large; the Election Committee than will handle all aspects of the special election.
  - f. Shall have the power to submit a question to the vote of those present at the annual business meeting with a simple majority of those voting prevailing.
  - g. All decisions of the Board of Directors, including the name of the Directors voting for and against each proposal, must be published in the DX Monitor as soon as possible after the decision is made. No member shall be held responsible for such decisions until they are made public through the DX Monitor.
  - h. All members of the Board shall submit to the President their votes on all proposals no later than 3 weeks after the mailing of the proposals to them by the President. All votes not received within the three week period will be considered abstentions from voting by the member(s) in question.
3. Replacements
1. If an IRCA officer's membership in the IRCA expires during the current term and he fails to renew it within two weeks, he will be deemed to have resigned his position.
  2. Should a Director on the Board fail on two successive occasions to communicate to the President his vote on club business within the time prescribed in V,2,3 of these Bylaws, he will be deemed to have resigned his position.
  3. Should the President resign, or the office become vacant for any reason, the Chairman of the Board will immediately assume the Presidency for the remainder of the current term.

4. Should the Secretary-Treasurer or any Director on the Board resign, or if the office become vacant for any reason, a special election shall be conducted as soon as possible in accordance with the procedures outlined in III of these Bylaws, provided at least six months remain in the current term. In the event the Secretary-Treasurer resigns, or the office becomes vacant for any reason, the Chairman of the Board shall assume his duties on a temporary basis until the new officer is elected by regular or special election.
5. Should the Chairman of the Board resign, or the office become vacant for any reason, a special election among the Board of Directors shall be conducted immediately in accordance with the procedures outlined in Article III of these Bylaws.

#### ARTICLE VI- PUBLICATIONS

The official publication of the IRCA shall be known as DX Monitor. It shall be issued 34 times a year, except in cases of emergency. With the permission of the Board, the number of issues may be changed. DX Monitor will normally be published weekly beginning with the first Saturday in October, up to and including the last Saturday in March, twice in April and September, once in May, July, July, and August.

#### ARTICLE VII- COMMITTEES

The Board of Directors may, from time to time, establish various committees to carry on the activities of the IRCA. The Board shall have the power to establish guidelines and policies relative to the functions, operations, and authorities of any committee, but, in all other respects, committee chairmen have complete authority over the operations of their committees. For purposes of these Bylaws, the editor and publishers of the DX Monitor and any official agents of the IRCA are considered to be committee chairmen.

#### ARTICLE VIII- CONVENTIONS

##### 1. Annual Meeting

The annual meeting of the IRCA shall be held in conjunction with the annual convention for purposes of presenting the reports of officers, committees and boards, and such other business as may lawfully come before the meeting.

##### 2. Special Meetings

Special meetings of the IRCA may be called at any time by the Board of Directors on its own motion and must be called by the Board of Directors on petition of at least 10% of the membership. Such meetings shall be held at such time and places either within or outside the state of Colorado, as the Board of Directors or petition herein specified shall determine.

##### 3. Convention Location

The President shall solicit during August of each year bids submitted by those wishing to host next year's annual convention. Bids must be received by the President by October 15 to be considered, except that if none are received by October 15, the President shall announce an extended deadline. Any and all bids received by the deadline shall then be submitted to the Board of Directors, which may determine if any bid is unqualified, and shall submit all accepted bids to a special election among the members to select the convention site and date. If only one bid is accepted by the Board, that bid shall be approved as the convention site without an election. Ballots shall be sent with an issue of DX Monitor at the earliest possible date but in no event later than 60 days beyond the deadline for submission of bids. Each site accepted by the Board shall be allowed to print a statement promoting its bid of up to 35 lines in the DX Monitor containing the ballots. Such statements shall be submitted to the ECC within 14 days of notification of Board acceptance of the bid. Ballots shall be returned to the ECC by a specified date, which shall not be less than 30 days nor more than 45 days beyond the date the ballots are mailed.

##### 4. Voting

Each member shall have one vote on each and every matter submitted to the members. At all meetings, except as otherwise provided by law, the members entitled to vote who present shall constitute a quorum. All action except as otherwise provided by law, by the IRCA's Constitution or Bylaws, shall be by majority of those members present and voting. Presence and voting by proxy may be allowed at the discretion of and in accordance with rules prescribed by the Board of Directors.

#### ARTICLE IX- SUGGESTIONS AND PROPOSALS

All suggestions and proposals shall be submitted to the President in written form. He will then submit them to the Board of Directors for action (along with any specific recommendations he may care to make). The final decision as to any action to be taken rests with the Board of Directors. A proposal that receives more "yes" votes than "no" votes will be considered passed.

A proposal which is related to the activities of an IRCA committee or the club treasury will first be submitted to the respective Committee Chairman or the Secretary-Treasurer for his recommendations. These will be subsequently submitted to the Board along with the primary proposal.

ARTICLE X - IRREGULARITIES, REPRIMANDS, DISMISSALS

1. Irregularities

Any irregularity of club policy must be brought to the attention of the Board of Directors and the President. A statement of the irregularity and the member or members charged must be made in written form and must bear the signature or signatures of the member(s) making such charges. It must be submitted directly to each Director and the President; all shall determine any action which shall be taken.

2. Reprimands

In case of irregularities, the IRCA President must, with the approval of the Board, issue a letter of reprimand, to be sent via certified mail, to any officer or member of the IRCA, clearly stating the nature of the offense and the proper means of rectifying said offense.

3. Dismissals

If the nature of the offense is serious enough to cause further action than a reprimand, the President must, with the final approval of the Board, issue a letter or letters clearly stating the nature of the offense, and that dismissal proceedings are being taken. The aforementioned letter(s) shall be sent by certified mail, return receipt requested. A sufficient amount of time must be allowed for the accused to answer the serious charges. If the reply is not forthcoming or if it does not meet with the satisfaction of the President, a letter or letters of dismissal may be sent with the final approval of the Board of Directors, removing the membership of the accused.

ARTICLE XI- REFERENDUM/INITIATIVE

If a member cannot get action on a proposal in the prescribed manner, he can submit a petition bearing the signatures of 20% of the club membership to the Election Committee to effect a special election on the matter. This pertains to matters other than those concerning the contents of these documents.

ARTICLE XII- RECALL

If a petition is presented to the Election Committee bearing the signatures of 20% of the club membership asking for the removal from office of the President, Secretary-Treasurer, or a member of the Board of Directors, the Committee shall call a special election in which the membership will be asked to vote for or against such removal. If the removal of the officer is approved by 75% of the members voting, the office shall be declared vacant.

ARTICLE XIII- AMENDMENTS AND CHANGES

These Bylaws may be amended by the submission of a Bylaw amendment in written form to the President. He, in turn, must submit the proposal to the Board for consideration. With the approval of the Board, the proposal is then submitted to the Election Committee who shall arrange a special election. A proposed Bylaw amendment petition containing the signatures of 20% or more of the membership must be presented by the Election Committee to a vote before the entire membership. To be enacted as an amendment, the proposal must receive a simple majority of those members voting. An amendment to the Bylaws goes into effect immediately after its adoption, unless the proposal specifies a date for its going into effect.

ARTICLE XIV- RATIFICATION

The ratification of a 2/3 majority of those members voting shall be sufficient to establish these Bylaws and Constitution as the official documents of the International Radio Club of America, Inc.

Certified correct with all amendments to January 31, 1981.

Father Jack Pejza, President

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.

OFFICERS, President: Father Jack Pejza, 3433 Somerset Ave., Castro Valley, CA 94546. Secretary-Treasurer: Rich Segalas, Board of Directors: Phil Bythway, Nick Hall-Patch, Don Kaskey, Paul Mount, Bruce Portzer, Susan Strulnick, Gerry Thomas.

MEMBERSHIP DUES: \$16.50 First Class to the U.S., Canada, and Mexico. \$20 Air Mail to the rest of the world via Canada. Air Mail direct from the U.S.: \$25 to Central America, the Caribbean, Colombia, and Venezuela; \$30 to the rest of the world. Sample copies: 50¢ each or three International Reply Coupons. Make checks and money orders payable to I.R.C.A. Persons living outside the U.S. should make checks and money orders payable in U.S. funds.

DUES AND ADDRESS CHANGES: Should be sent to Rich Segalas, P.O. Box 26254, San Francisco, CA 94126.

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 Bythway, Nick Hall-Patch, Jef Jaisun, and Evelyn Portzer.

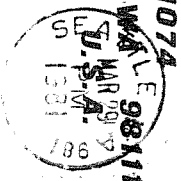
THE IRCA GOODIE FACTORY: The IRCA Almanac, Foreign Logs, A DXer's Technical Guide, sunrise-sunset maps, Beacon Log, and reprints of over 200 DX Monitor articles are available. For a price list, send a self-addressed stamped envelope to P.O. Box 17038, Seattle, WA 98107.

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

**IRCA**

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**First Class**

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