

BROADCASTING INFORMATION

Editor: Geov Parrish, P.O. Box 15164, Seattle, WA 98115-0164

* compiled 3/31/91 *

This is my last column as editor of BI. Hopefully my health will stabilize and I'll be able to pick up some of the work again in the future, but for the time being it seems wise not to be obligating myself. Thanks for everyone's support over the years - it's been more appreciated than you know!

GOING OFF THE AIR KNSP 1430 1000/

1430 1000/ ND-D MN STAPLES was country, now silent

GOING ON THE AIR

WOEQ 1190 1000/420 DA-N FL ROYAL PALM BEACH new, Spanish

NEW STATIONS

WCRN 830 3000/1000 ND MA CHERRY VALLEY granted extension of time WCBX 1160 500/250 DA-2 VA FIELDALE wants CP to reinstate exp. permit

CHANGES IN EXISTING FACILITIES

 KGDP
 660
 10000/10000
 DA-2
 CA ORCUTT amends app. to 50000/10000 w, DA-2

 WILC
 900
 2400/500
 DA-2 MD LAUREL granted 1900/500 w, DA-2

 KASM
 1150
 2500/
 ND-D MN ALBANY applies for 2100/ w, ND-D

 WGAB
 1180
 1000/
 ND-D IN NEWBURGH applies for 675/ w, ND-D

 WLCK
 1250
 1000/86
 ND KY SCOTTSVILLE granted 860/86 w ND

 WINU
 1510
 1000/
 DA-D IL HIGHLAND granted ext. of time for 880 move

CALL LETTER CHANGES

(\$ means change accompanies a station sale)

KIXC	1150	ТΧ	Quanah	n is	now	KVDL	WOJ	1470	PA	Farrell :	is now	\$ WRQQ
KDON	1460	CA	Salina	IS		KRQC	KVO	3 1510	AR	Greenwood	i	\$ KPBI
KSIR	1470	CO	Estes	Park	\$	KRKI	WSMI	1560	MD	La Plata		\$ WMOM

FORMAT CHANGES

KVIS 910 OK MIAMI was KGLC, country, now southern gospel & religion KORG 1190 CA ANAHEIM was standards, talk, now brokered ethnic/variety WZBO 1260 NC EDENTON was religion, now satellite talk WGH 1310 VA NEWPORT NEWS was news, now satellite traditional country WIZO 1380 TN FRANKLIN rock oldies, will be adult standards // WHNK-1430 WPAY 1400 OH PORTSMOUTH was sat. adult standards, now sat. rock oldies KCOL 1410 CO FORT COLLINS was AC, talk, now all news WHIS 1440 WP BLUEFIELD was rock oldies, now satellite business news WNTJ 1490 PA JOHNSTOWN was WKQS, adult contemp. // FM, now all news

<u>PROPOSED STATION SALES</u> (* means check the format listings for more info) WBNI-910-VA (now silent), KICA-980-NM (now silent), WPLX-1170-TN, KESP-1290-CA (now silent), WMML-1410-AL (now silent; given the new owner's history, it will probably come back as religion), WPNC-1470-NC, WSMD-1560-MD (now silent, sold to a local FM so look for a quick return to air)

MISCELLANEOUS NOTES: KJME-1390-CO was fined \$5,000 by the FCC for consistently operating over power - as much as 450%, according to FCC Denver field office measurements. It's KJME's second fine in a year for the same violation...network death: "NTR" talk network, based at Pat Robertson's WNTR-1050-MD, has virtually folded; only one program remains. Cash problems compounded by a recent fire doomed the network. No telling what the current programming is at the three network-owned stations: WNTR, WCNT-1480-NC, and an FM in Oklahoma City.

*

Geor

* *

Peace, love & sabotage,



PAT MARTIN P.O. BOX 843 SERSIDE. OR 97138 **DX Worldwide - West** Time: UTC phone (503) 861-3185

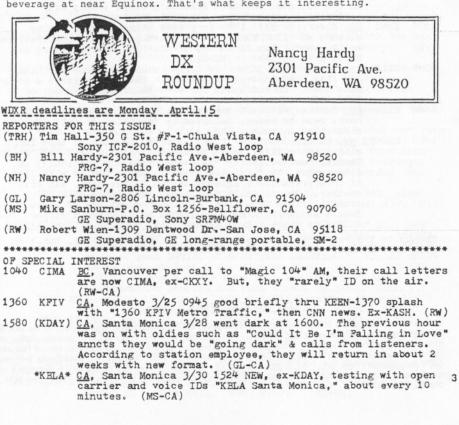
DEADLINES: 4/16, 5/7, 6/4, 7/9

We have a report this week from John Bryant. He did a little DXing out at Grayland, Washington again. So on with his report:

DXPEDITION TO GRAYLAND, WASHINGTON 3/16/91

Dxing with Guy Atkins and John Bryant with 2 NRD 525s w/1000' Beverage at 25 degrees, 1200' at Zero degrees. Both on beach.

Much poorer DX than earlier times. Aussies 3L0-774 KHZ-Melbourne and 2BL 702 KHZ-Sydney noted in // with ABC1 programming at 1130 UTC for about 30 minutes of moderate level. By 1200 JOUB-774 KHZ-Akita, Japan was dom. on 774 KHZ. Also at 11200 UTC unid Aussie on 855 KHZ with poor level. JOBB-828 KHZ-Osaka, Japan was noted on 828 KHZ with EE language lessons at 1328 at moderate level. At 1400 the dawn enhancement has JOUB-774 KHZ at 1420 (DPR of Korea?) Only other activity was 891 Radio Fiji 2 in Hindi good at 1045 and 1620 KHZ presumed 1PPP Canberra at good levels around 1100. Not even any other hets noted. Very sub-par for a coastal beverage at near Equinox. That's what keeps it interesting.



720 *KDWN* <u>NV</u> , Las Vegas 3/25 0452 with OC, TT later on. (RW-CA) 1020 *KTNQ* CA, Los Angeles 3/11 0515 with OC over KCKN. (MS-CA)
ian music. (MS-CA)
1230 KDAC CA, Ft. Bragg 3/28 2159 inst. music to 2200 "You're listen-
ing to the Family Radio Channel, AM 1-2-3, in Fort Bragg,
California" into AP news. Excellent over all. (NH&BH-WA)
1270 KTFI ID, Twin Falls 3/21 0300 not heard in quite a while! Came
up over mess with legal ID right at the top-of-the-hour. (MS)
1310 KLIX ID, Twin Falls 3/11 0443 good under KXAM with ID " here
on Clicks" followed by C&W song "Friends in Low Places."
(MS-CA)
1320 KCTC CA, Sacramento 3/25 0606 noted using "Sunny 1320" IDs now.
(RW-CA)
1330 ?KUPL? OR, Portland 3/22 0205 C&W station noted playing "Why Not
Me" in tight KWKW null. Was trying for KGAK F/C. (Have
heard as KPOK). (MS-CA)
1340 KKAM CA, Fresno 3/25 0325 momentarily dominant with ID followed
by tune "Cherie Amour." (MS-CA)
1360 KRKK WY, Rock Springs 3/11 0358 above the rest momentarily with
slogan "Good time rock 'n roll" followed by spot and Neil
Diamond tune. ID 0403 "1360 AM KRKK." (MS-CA)
1450*?KVOW?*WY, Riverton 3/11 0210-0220 noted steady 1 kHz tone here
again. Presumed KVOW F/C. Reception in Jan. was consider-
ably stronger. (MS-CA)
1490 KYCA AZ, Prescott 3/28 2130 on top tonight with Phoenix Suns EKB
vs Milwaukee Bucks. Spot for Honda dealer in Prescott at
2136. (MS-CA) 1570 CFEZ AB. Taber 3/30 0150-0350 incredibly huge signal in XERF
absence. Several IDs as "Easy 1570" with mentions of music
in stereo, and "Southern Alberta's first & only easy
listening station." New for me. (MS-CA)
1570 KPRO CA, Riverside 3/30 1700 very weak signal logged during
silence of KDAY/KBLA-1580. Heard preaching, inspirational
music, spot, then ID at top-of-the-hour. Never heard as
KACE, KHNY OF KMAY. (MS-CA)
1590 KCIN CA, Victorville 3/30 1420 logged easily without the usual
QRM from KDAY-1580 and KMNY-1600. Heard CNN sports & head-
QRM from KDAY-1580 and KMNY-1600. Heard CNN sports & head- line news. ID and spots for True Value/Dennys/Goodyear at
1428-1430. (MS-CA)
1600 KXEW AZ, Tucson 3/24 0500 dominant in KMNY SP. English ID on
hour, read by woman, followed by "Noticias." KRXY (Y-108)
also noted in mess. (MS-CA)
1610 KOP055 NM, Sandia Crest 3/31 0335-0707 collection of tape loops
with shart muiosi theme between means and the filled in the of model
with short musical theme between messages. Ment. of "Radio
Sandia, " authorized by "National Forestry Station(?) in
Albuquerque, NM." Several tape loops female with list
of interpretative programs offered in the park, man with
weather. Occasionally used other tape loops with
dramatizations from local area. Frequent use of Radio
Sandia slogan. In null of Balboa Park; Phoenix Airport and
unID also there. Call sounded like "KOP055." New. (TRH)

Thanks to the reporters this week! We'll be back next week, but then will skip a week. Keep the reports coming.

IRCA Foreign Logs

Before the creation of the IRCA Foreign DX Reference, the IRCA published nine editions of the IRCA Foreign log. Each edition contained the actual tips that were reported to the DXWW sections during an entire year (2 years in Volume 9), recompiled and retyped in a book format. In addition, special features include: articles on foreign DXing (Vols. 6-9), utility lists (Vols. 7-8), shortwave parallels (Vols. 8-9) and BCB propagation (Vols. 6-8). IRCA archives still has Volumes 3, 4 and 6-9 of the IRCA Foreign Log available to all for \$2.50 each. Make checks out to Phil Bytheway and send them to: 9705 Mary N.W., Seattle, WA 98117

Central DX Roundur	7
Editor: John C. Johnson 979 Nertune Boulevard Billings, Montana 59105-2129	
FOR THE RECORD	-
Report in Eastern time. Deadlines: 5/4, 6/1, 7/6, 8/3, 8/31, 9/ CDXR accepts reports via computer through Prodigy, my address: MPNN4	14 9A
RIDING GAIN [DX-MB] = DX'pedition at Arnes, Manitoba 3/16, 17, 18 *Icom IC-R70.	
 *3 bev's between 700-1500 feet. *Shawn Axelrod and Wayne McRae of Winnipeg, MB. 	
[SA-MB] = Shawn Axelrod, 30 Becontree Bay, Winnipeg, MB R2N 2X9 Icom IC-R70, 100' longwire, 3' loop.	
<pre>[TML-IN] = Tom Laskowski, 1334 East Miner Street, South Bend, IN 466 Icom IC-R71A, loop.</pre>	517
[JcJ-MT] = Your editor using an Icom IC-R71A with Radio West Loop. DX TEST	
640 KTIB LA <u>Thibodaux</u> , 3/11 poor. 0220 w/music (C&W or Cajun/Creol ID as "The music of your day and the music of your life We're AM 64 KTIB." [TML-IN] DOWN THE DIAL	.e?)
610 CKYL AB <u>Peace River</u> , 3/27 good in KFRC null. 0800 ID "CKYL 610 Peace River, 530 High Level" into Broadcast News. Not	,
needed, very rare here. [JCJ-MT] 660 KEYZ ND <u>Williston</u> , EX-1360. 3/13 fair. 1926 w/C&W music, "KEY ID. New for me, ND#38. [SA-MB]	Z"
950 KOEL IA <u>Oelwien</u> , 3/16 fair o/u/CFAM. 1840 w/Iowa sports roundu New, IA#55. [MB-DX]	ıp.
1010 KRNI IA <u>Mason</u> <u>City</u> , EX-KLSS. 3/17 poor. 1910 with man and wor doing local spots. IA#57. [MB-DX]	an
1030 WJKZ TN White Bluff, 3/18 fair o/u/WBZ, KFAY. 0540 with "We ma (nose?) but we never close. AM 10-30 K-Z Country." CS 0600 ID "WJKZ." TN#11, my old unID. [MB-DX]	
110 WUNN MI <u>Mason</u> , 3/16 fair. 1810 with Gospel program (letters fr across US, mentioned WUFL as an affiliate.) IDing as "Family Life Radio" and "AM 11-10 WUNN." New for us. MI#68. [MB-DX]	om
L160 WAMB TN Donelson, 3/18 good, no KSL! 0750 w/BBD/NOS music. "WP ID. TN#12. [MB-DX]	MB
180 WGAB IN <u>Newberg</u> , 3/9 fair. 0759 w/"Radio 11-80 WGAB Newburg" i USA Radio Network News. New for me, IN#20. [SA-MB]	
190 KORG CA <u>Anaheim</u> , 3/25 briefly good o/KRDS then lost. 0245 with Easy Listening music, ID between songs "11-90 K-orange, your station for original hits." Very much needed, but	
not enough for a report. [JcJ-MT]	
KVSV KS <u>Beloit</u> , 3/27 brief u/KEX, KRDS. 0700 end of SSB, sign on. Mentioned "KVSV AM and KVSV FM." Lost quickly. N needed, but rare here. [JcJ-MT]	lot
.240 KICD IA <u>Spence</u> , 3/17 fair. 0530 with "KICD AM and FM" ID. New sign on time (was 0630) or now 24 hours. IA#56. [MB-D)	
KIUL KS <u>Garden</u> <u>City</u> , 3/18 good. 0623 w/Kansas AG Network, "KIU more of your music, more of your memories." Either on	24
hours now, or just a new sign on time. KS#29. [MB-DX] (JCJ: I have a verie from KIUL for when they had a	
transmitter problem and were strong on 2480! John.) KNSS KS Wichita, 3/17 good. 0659 w/"KNSS Wichita's News-Talk 1	.2-
40." Into CBS News. Note new format. KS#28. [MB-DX] WSDR IL <u>Sterling</u> , 3/18 good. 0608 w/local news, spot for Ford, "AM 12-40 WSDR." IL#57. [MB-DX]	I
.250 WGL IN Fort Wayne, 3/18 good. 0520 w/CNN News, sports, "WGL"	ID
No longer 0525 sign on. IN#22. [MB-DX] 270 WCMR IN Elkhart, 3/17 fair. 1937 w/"WCMR" ID at end of UNLV vs Georgetown basketball game. IN#21. [MB-DX]	
1280 WGLR WI Lancaster, 3/16 fair. 1907 W/C&W music, "WAXL" ID. Ta about WI. FM WAXL. New, WI#77. [MB-DX]	lk

CDXR Continued

- 1300 WOPM MN Princeton, 3/10 fair. 1913 with local spots, sports talk. MN#106. [MB-DX]
- 1310 KFLA KS Scott City, 3/18 fair in a mess. 0808 w/"KFLA" ID. New for us, KS#30. [MB-DX]
- 1340 KHUB NE Freemont, 3/9 fair. 0848 w/"Cat's In The Cradle" song, ID "KHUB" and a EST TC. New for me, NE#35. [SA-MB] WWPA PA Williams Port, 3/17 fair. 0640 with "Twin W" ID, oldies
 - format. PA#11. [MB-DX]
- 1470 WCFJ IL Chicago Heights, 3/16 fair. 1943 with Gospel music, ID as "WCFJ." IL#69. [MB-DX]

TIS AND BEACONS

516 YWA ON Petawawa, 3/16 fair. 2043. [MB-DX]

521 ORC IA Orange City, 3/16 fair. 2048. [MB-DX]

524 VOC IA Iowa City, 3/16 fair. 1924. [MB-DX]

- 1610 IL Illinois State Highway TIS. 3/18 fair. 0434. [MB-DX] UNIDS
- 1240 unID 3/18 fair. One of the Chicago's on 1240, 0528 w/SS talk, and lively music. Which one of the Chicago stations is on at this time? [MB-DX]
- 1500 unID 3/18 fair. 0730 w/"CJ The DJ" doing a phone-in program. Mentions of Atlanta. Noted "southern accents" by two DJs and callers. Not KSTP. [MB-DX]

IDING THE UNIDS

Tim Hall of Chula Vista, CA and Tim Noonan of Madison, WI both offer [SA-MB] the same advide on his 3/23 unID:

1030 unID with "The all new AM 10-30 K-Z Country" is most likely WJKZ White Bluff, TN. Tim Hall says ".... apparently gets out well." Tim Noonan has heard the "KZ Country" on a SID, also "10-30 JKZ" ID back in 1989. Thanks Tim and Tim, note 1030 above!

CORRECTION

Listing in 3/23 issue for WULF-1030, state is MI not IL.

25 YEARS AGO April 16, 1966 issue of DX Monitor ... Bill Nittler said he had all states except VT verified George Junak told of his visit to KRLA, included talking with Casey Kasem....Larry Godwin submitted an article on "How Do You Rate Your Best Catch?"

OPEN MIKE



NEWSRADIO 91



Keep conscience clear, then never fear. [TML-IN] said he tried, but didn't hear the KTGG-1540 test. This is the last of the weekly issues, please note the deadlines above. Prodigy: MPNN49A. 73, John.

*** *** IRCA AM-FM ALMANAC, 5th Edition 1991

The fifth edition of the IRCA AM-FM Almanac is now available! This 240 page book is a must have cross reference for the serious AM DXer. Within it you will find the current frequency check list, affiliates for news and talk show networks, syndicated music and religious programs, AM-FM simulcasts, station slogans, broadcasting in Canada, AM stereo, sports networks, utility stations and many articles on AM broadcasting. In addition, Volume V contains a section focusing on AM band foreign DXing (including a compressed IRCA Foreign DX Reference). Each list is in frequency order and many include the FM frequencies as well as the AM (great for FM DXers).

The IRCA AM-FM Almanac is available in large comb bound or loose leaf (please state preference when ordering). Post-publication prices are:

IRCA member: US - \$13.00 Canada - \$14.00 Overseas Sea Mail - \$14.00 Overseas Air-Mail - \$17.00 non-members: US - \$15.00 Canada - \$16.00 Overseas Sea Mail - \$16.00 Overseas Air-Mail - \$19.00 The IRCA AM-FM Almanac is available from: Phil Bytheway, 9705 Mary NW, Seattle, WA 98117.

A DXers TECHNICAL GUIDE

Now in its 2nd edition, this 120 page book answers questions on how receivers work, how to make them work better, what audio filters and loop antennas will do for you, how to build a beverage and phasing unit, 6 and much more. Only \$5.50 for IRCA members, \$6.50 for non-members (add \$2.50 for overseas airmail). Write: Phil Bytheway, 9705 Mary N.W., Seattle, WA 98117.



Eastern DX Roundup Ray Bauernhuber 141-12 243rd Street

Rosedale, NY 11422 Hand balance b _____ Tony Fitzherbert 356 Jackman Ave., Fairfield, CT - 06432; (TF-CT) GE Superadio, ICFS5W & ICF-6500W J.D. Stephens 122 Brawley Drive, Owens Cross Roads, AL -(JDS-AL) 35763; Panasonic RF-2600; RF-B300; SONY ICF-2001 + several wires Robert Ritchie 210 S. Walnut St., Martinsburg, PA -16662; (RCR-PA) Superadio II + 400' longwire. 640 KFI CA, LOS ANGELES 3/11 0258 FAIR mixing w/KTIB test. Mention of news "Updated on the hour, every hour", schedule of talk programming which included "Best of King." Several "Newsradio 640 KFI" IDs. First time positively ID'd! CA #4. (JDS-AL) WI, MERRILL 3/11 0200 WEAK u/XEW; faded up briefly and 730 WJMT heard the "WJMT" calls, then back down in the mud. (JDS-AL) 740 KCBS CA, SAN FRANCISCO 3/11 0258 WEAK u/CBX w/Newstalk; heard "On 74" mentioned; ID as "News 74, KCBS", CBS nx. New...CA (JDS-AL) #5. AB, EDMONTON 3/11 0350 FAIR w/"RSVP" classical mx program. 740 CBX ID and CBC nx at ToH. KRMG, KTRH and CBL all off at the same time. This won't happen again for 100 years! (JDS-AL) 830 WWMO NC, EDEN 3/16 1754 GOOD w/gospel mx; at 1800 ID'd as "WKXT and WWMO, Eden/Danville", into Piedmont Nx and gone by 1810. (TF-CT) 900 WURD PA, PHILADELPHIA 3/24 1826 WEAK w/gospel mx, "WURD" ID at 1830. (TF-CT) AL, MOBILE 3/27 1954 FAIR UC mx, ID as "WGOK" by/m and back 900 WGOK to mx. (RCR-PA) 940 WINZ FL, MIAMI 3/26 2050 GOOD w/CNN Headline nx, ID by/f as "940 Wins", State nx/wx and CNN Headline Sports. (RCR-PA) TX, CORPUS CHRISTI 3/27 1945 FAIR w/religious mx, S/off KCTA 1030 by/m, mention of 50kw, no SSB. (RCR-PA) MS, TUPELO 3/24 0100 POOR S/off by/m, mention of 1000 and 1060 WPMX 31 watts; ID as "WPMX Tupelo"; no SSB. (RCR-PA) RI, HOPE VALLEY 3/29 1724 c/w, ads for mail order houses 1180 WJJF and gone by 1730. (TF-CT) MS, BAY ST. LOUIS 3/27 1910 FAIR c/w, ID by/m as "The all 1190 WBSL new 1190 WBSL", wx, another ID as "1190 WBSL" and back to c/w. (RCR-PA) NC, FARMVILLE 3/16 1850 LOCAL-LIKE signal w/gospel mx, USA 1250 WGHB News at 1900; "Eastern NC's Home of Southern Gospel, WGHB -Farmville" ID at 1700. (TF-CT) GA, ALBANY 3/25 0020 STRONG w/"Evensong" program, ID as 1250 WANL "You are tuned to AM 1250 WANL, Albany, Georgia, Albany's New Life station." UPI radio nx; religious format. (JDS-(JDS-AL) 1320 WOIK FL, JACKSONVILLE 3/24 0230 FAIR c/w, ID by/m as "99 WQIK" and back to c/w. (RCR-PA) NC, CHAPEL HILL 3/17 1820 w/gospel mx, very detailed sign-off at 1830 w/prayer for the station; local WDJZ off 1530 WRTP

tonight at 1800. (TF-CT)
1570 WFEL MD, TOWSON 3/17 1748 w/Bible Study Hour w/Dr. James (?);
USA News at 1800 followed by Christian rock at 1803 and
then lost to WBUX. (TF-CT)

1570	WPGM	PA, DANVILLE 3/17 1804 w/wx for Danville and EZL mx. (TF-CT)
1570	WRHZ	NY, RIVERHEAD 3/30 1840-1910 c/w, automated IDs for "AM- 1570, WRHZ"; mentioned 24 hour operation for c/w all the
1580	WWOF	time; no sign tonight of WBUX or anyone else. (TF-CT) NC, CAMP LEJEUNE 3/18 1813 Christian rock mx, s/off at 1815 mentioning that they hope that something that they did had been a blessing for the listeners. Post Office returned reception report for the second time this year, can't they find a 10.000 watt station!!??

DX TESTS, FREOUENCY CHECKS, TIS

640 KTIB LA, THIBODAUX 3/11 0209-0400 STRONG DX TEST w/Cajun mx, c/w by "Alabama" & George Jones, "Blue Bayou" by Linda Rondstadt; frequent IDs including "You're listening to the news of your day & the music of your life; we're AM 64 KTIB, Thibodaux/Houma." No code ID noted. (JDS-AL)
1510 WNLC CT, WATERFORD 3/18 0416 & 0421 DX TEST WEAK code IDs u/WLAC. Not sure but thought I heard "CT" transmitted, so possibly gave the location also. (JDS-AL)

HELP W/UNIDENTIFIED'S

From: Tim Hall: "Just a quick note regarding unID's: Mike Hardester's "XL-102" in the 3/16 MONITOR is WRNL, Virginia. To answer J.D. Stephens question in the 3/9 MONITOR, KKDA-TX (730) raised night power from 10 watts to 500 watts last year. Neil Kazaross and I caught them when they were still 10 watts! 73 and good DX - Tim."

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COMMENTS	

Thanks to all of this issue's reporters. Can anyone shed some light on Tony Fitzherbert's problem with WWOF? Thanks goes to Tim Hall with some unID help. Until next issue, CONTINUED GOOD DX MY FRIENDS and 73 de Mr. B

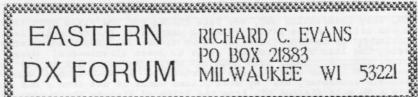
IRCA Mexican List, 2nd edition

The IRCA Mexican List, 2nd edition, is now available from the IRCA Reprint Service! This comprehensive guide lists calls, frequencies, locations, powers, schedules, networks, slogans and formats of AM stations throughout Mexico. It contains a wealth of never-before-published information received direct from Mexico City, and has been updated by listener tips though September 15, 1990. AM radio in Mexico has undergone an extensive shuffle in the past year. If you DX Mexico (or want to), you need this publication.

The IRCA Mexican List is available in four convenient formats:

Volume I -	Sorted by Frequency, State, City (24 pages)	US	\$3.75	Canada	\$4.75	Foreign	\$6.00
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Reports from members living east of the Mississippi River Deadlines: 5/4 6/1 7/6 8/10

J.D. Stephens, 122 Brawley Drive, Owens Cross Roads, Alabama 35763 In reference to Bill Hardy's Forum in edition 910, I am volunteering to reactivate IRCA's CPC to arrange DX tests. I have often wondered why the club didn't do this and feel that IRCA can receive additional respect and prestige within the hobby and foster goodwill with the broadcasting industry with such a program. I have recently had bestowed upon me a Tandy 1200 HD (IBM PC clone) computer and an Epsom printer. I also have computer programming experience, so writing a program to generate letters to send to stations would be quite simple to do. But first, I need input from the membership. Has anyone seen the letter that NRC has been using? Is there any literature available through the reprint service that tells how to go about it? Perhaps other members have arranged tests in the past and can relay their experiences? Members, please let me have your input. I will be looking forward to receiving your input at the above address. (Bill Hardy, I have written to you personally con-cerning this, but no reply. Did my letter not reach you?) So, how about it club members? Let me hear from you. 73's...J.D. (J.D., I think your best bet is to wait and see who won the election-either John or Phil--and then write that person direct. I'm sure they will be happy to hear from yeu--rce)

Tom Jasinski, 419 North Raven, Shorewood, Illinois 60435 Greetings and a belated happy anniversary IRCA. We had a spectacular aurora on Sunday, March 24th. A late afternoon band scan revealed conditions similar to Make Hardester's on March 3rd. Had WRFA, Largo, Fla on 820 at 1845. When they faded at 1855, the AM band had only locals. For a while nothing in over 100 miles away. At 2245 had WMOB, Mobile, Ala. in on top with Gospel. Anticipating an aurora, I checked the sky several times. At 2245 (2145 local time) my wife and I were rewarded with an aurora display that covered 1/4 of the sky. From due north to due east to nearly overhead the sky was full of beautiful colors. This was visible even with a half moon just over the west of the zenith. Back at the dials WMOB was still in. There was a lack of Latins. Caught WMOB s/off at 2400. Recent verie in from KOJM-610 for their 1st Thursday FC on March 7th. They also sent a copy of the frequency check results from the monitoring company (Frequency Measuring Service in Commerce City, CO). It listed their frequency as 609.998 kHz or 2Hz low. The KOJM FC is my best catch for a regular FC. The distance is about 1100 miles. Veries are coming in slow. Need to follow up on almost helf of them. Nothing back from the KLEY-1130 DX Test on Nov. 4th of last year, even after a followup. Is theis one going to be like the WKEN DX Test. Nothing back from WKEN after 2 followups!! 73's and happy Easter.

Steven D. Miller, 368 Quincy St, Apt. 1, Boston, Massachusetts 02125 (cont. from two weeks ago) ...As you've maybe read in this week's EDXR, I've been very busy at the dials, hi Ray! If anyone knows about the lastest Almanac, please let me know. Fee free to write me at my Boston address if you like to correspond. After my 2nd year in the Navy, I'm gonna be interested in buying several of the classic DX receivers, e.g., a Drake SPR4 and Pennants I love pennants, and selected back issues of DX Monitor-DX News; several other hobby related publications, bulletins including shortwave. Also I'm gonna pursue some of the club's famed DX Achievement Awards to display in my DX shack. Anybody know Pete Nolan? of the Golden West g DXers Assoc. from Vanouver, B.C. Several years back, Pete visited my QTH, very interesting guy, hey Pete thanks for the visit even though it was brief. Maybe I'll return the surprise. The following is a listing of my favorite stations heard since '78. (Theoseginteres064826 Seeing the list of 25 stns can write to Steve direct -- rce) News, notes, tidbets: local 1150 WMEX BRN affiliate as of 3/1 is now simulcasting PM sister WMJX's music programming. Ex-WKCS is now WCNN or WVNN-930 Kochester, NH. My most prized verie is not from a BCB stn. It's a 91 x 14 diploma QSL from the Voice of Vietnam Shortwave; it's a beaut! I got it framed. I'll let you all see it when I send hq a photo for publication of my DX shack. If I'm stationed overseas I'll report my DX heard wherever I'm stationed. This vseason, I believe is one of the best I remember for MW DXing. So, I hope all of my tips in EDXR encourages everyone to contribute, contribute, contribute! My last anniversary issue of DXM was dated 3/25/89. That issue was 67 pages big! Not bad, I hope this yrs and 27th anniversary issue is at least 80 to 90 pages big!! And come the club's 30th Anniversary issue let's go for 100 pages! Imagine 10 pages each for each section of the bulletin. Since I won't be back until the fall, I'll cose by saying: I wish everyone in the club a healthy safe prosperous 91 and please support the clubs efforts, editors alike, etc. Say, Mike Hardester, if you've thad this tell me a little about the Navy. I DX Mw, FM, Shortwave, eventually utes and long wave. 73. (portions cut because they were long lists of stations or outdated comments--rce)

Rick Evans, P. C. Box 21883, Milwaukee, Wisconsin 53221 Not much to add here. I didn't see the Auroral display Tom men-tioned but I did hear them comment about it on the news that night, and planned to comment on it in last week's EDXF but I forgot. I had wondered how it would affect BCB DX but was in no position to check it out as I was working the next morning. What little I've heard of WJUB-1420 since I typed last week's column has done nothing to impress me any moreofor their programming. In some ways I can't wait to get momed down to the south side. On the car radio at S. 27th and Edgerton, I have heard someone under WKSH-1370 while up here there's no way it can be done. I've also heard someone on 1360 but no ID yete I amsume it is wBEL-1380 in S. Beloit, Ill., since that's what I hear up here, but... The election looks interesting. A hard choice in some cases. One thing which would have been nice would have been a somement of when the ballots have to be back in San Diggo. However, it was nice to see campaign statements in other than alphabetical order. 73.



Listian STATION ENGINEER

Hearing It Through The Grape Vine

SHAWN AXELROD, 30 Becontree Bay, Winnipeg, MB R2N 2X9 Canada (204) 253-8644 before 2300 E.L.T.

CONTRIBUTORS: TOM LASKOWSKI 1334 E. Miner St. South Bend IN 46617 MIKE SANBURN P.O. BOX 1256 Bellflower Ca. 90706 KARL ZUK 154 Old Post Road North Croton-on-Hudson NY 10520 YE OLDE EDITOR FREQUENCY OF THE MONTH 730 KHZ MIKE SANBURN REPORTS: XEX Mexico DF Nights CKLG Vancouver BC Winter nights KBOY Medford OR Heard 1975 KSVN Ogden UT Medium Rare KUCL Boise ID Ocassional nights TOM LASKOWSKI REPORTS: Mexico DF XEX Was regular CKAC Montreal Rare CJNR Blind River ON Rare CHYR Leamington ON Rare WPIT Pittsburgh PA SSS in 1986 WJYM Bowling Green OH SSS in 1987 WDKT Madison AL SSS in 1987 KWRE Warrenton MO Rare at SS KSUD W. Memphis AR Once in 1989 WLIL Lenoir City TN Once in 1990 WOHS Shelby NC Mixes with WLIL WJMT Merrill WI 1990 Dx'pedition KKDA Gr. Prairie TX SRS on occassion WFMW Madisonville KY SSS in 1990 WCPT Alexandria VA SSS in 1990 WMTC Van Cleve KY SSS in 1990 WFMC Goldsboro NC SSS in 1990 CKDM Dauphin MB Dec 1990 YE OLDE EDITOR: CKDM Dauphin MB Dominates day & night CKAC Montreal QU SR XEX Mexico DF On good skip nights CJNR Blind River ON SRS CHYR Leamington ON SRS CKLG Vancouver BC SRS KWOA Worthington MN SRS KWRE Warrenton MO SRS WVIC Lansing MI SRS once TGN Guatemala City Auroral CX once WJMT Merrill WI SRS once STATE OF THE MONTH CONNECTICUT MIKE SANBURN: NOTHING YET BUT ... TOM LASKOWSKI: 960 WELT New Haven Once in 84 1080 WTIC Hartford SSS 1410 WPOP Hartford SSS in 1988 YE OLDE EDITOR 1080 WTIC Hartford Winter nights SILENT PERIODS BANDSCANS BEST BETS HELP/MOST WANTEDS NONE THIS TIME AROUND CLASSIFIEDS KARL ZUK has for sale; M Street Journal 1989 Edition Price \$5.00 post paid to the USA Seems he has 17 copies left listing US and Canadian stations addresses, owners powers and ratings for each market. WRTH Handbooks 1981,82,83,84,85,86, 88 Make an offer Most copies present to 1987 of SHORTWAVE MAGAZINE from Britian. Willing to send some or all to anyone for cost of postage. All procedes to IRCA!!!!!! NEXT MONTH: FREQUENCY OF THE MONTH WILL BE 1250 KHZ STATE OF THE MONTH WILL BE MISSISSIPPI Hopefully there will be a better turn out next time. The DEADLINE will be one month 1 1 after this is published. Kaun ON A CLEAR DAY YOU CAN HEAR FOREVER.

of a tuned passive loop) but is of insufficient level to overcome receiver noise. Untuned shortwire antennae may be broadbandamplified if there are no extremely strong signals present that could cause mixing spurs to be produced.

Table 11: holes added to implement options Refer to Table 3 for definitions of X, Y, D hole drilling parameters.

Holes added for Option 1

TOP SIDE

	Hole Comp. Description # Desig.						Y	D
18	J7	East anna 1	Cail		icale	0 125	2 05	0 275
10	37	External	C011	In-stereo	Jack	-0.125	3.25	0.375

TOP SIDE

Hole #	Comp. Desig.							Y	D
19	R3	Regen.	Vernier	pot	-	shaft	1.5	0.625	0.3125
20	R3	Regen.	Vernier	pot	-	tab	2.0	0.625	0.144

RIGHT SIDE

Hole #	Comp. Desig.	Description .						Х	Y	D
10	A1	Broadband	Amp.	Card	-	H/W	3	-1.625	1.375	0.125
11	A1	Broadband	Amp.	Card	-	H/W	1	-1.625	0.375	0.125
12	A1	Broadband	Amp.	Card	-	H/W	4	-0.625	1.375	0.125
13	A1	Broadband	Amp.	Card	-	H/W	2	-0.625	0.375	0.125

LEFT SIDE

Hole #	Comp. Desig.		Description	n	Х	Y	D		
7	TA1	Imped.	Transformer	-	H/W	1	0.7	1.875	0.125
8	TA1	Imped.	Transformer	-	H/W	2	1.5	1.875	0.125

<u>Supplementary Articles and Publications</u> Additional information on construction practices and DXrelated circuit design may be obtained from the following:

(* = NRC / IRCA reprints)

- * MWDX-4 and Mini-MWDX-4 series Phasing Units Mark Connelly - 11 OCT 1985 (Shows BBA-B amp. card which may be used in place of Option 3 BBA-C)
- * The Mini-MWDX-3: A Simple, Effective Phasing Unit -Mark Connelly - 5 DEC 1984 (construction practices)
- * RT-1: Remotely Controlled Antenna Tuner Mark Connelly -24 OCT / 26 DEC / 27 DEC, 1984. (construction practices)

publications

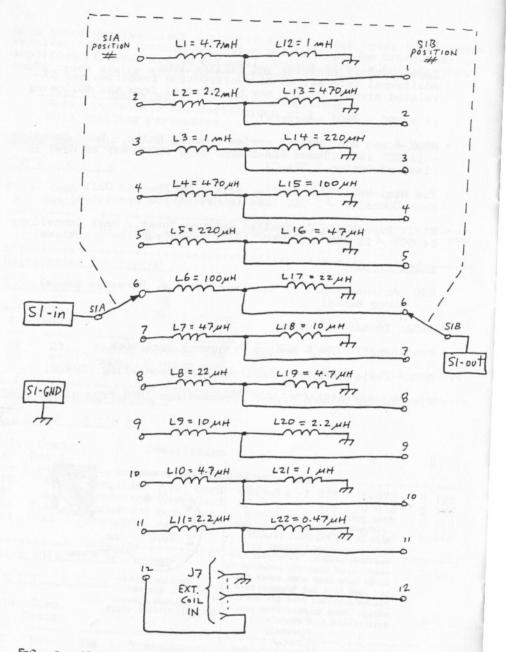
- NRC: Antenna Manuals, Receiver Manuals, Beverage Manual, Loop Manual
- IRCA: Technical Guide

Ken Cornell: Low & Medium Frequency Scrapbook

ARRL: Radio Amateur's Handbook, Low Band DXing (ON4UN)

Fine Tuning / John Bryant: Proceedings 1988, Proceedings 1989

AWARD WINNING IMPACT . * PHOTOGRAPHY 5 Nov 1990 OSIAL Dear Patrick, Pleased to hear that we, out EQhere in the Marshall Islands, 155 have a sometime listener in Seaside, Oregon. From your cis-9655 cription of what you received it could have been none other than Patrick Martin our 1000 Watt ERP transmitters. P.O. Box 843 Please consider your QSL card Seaside, Oregon valid. Good to hear from you. 97138 Best wishes from Kwajalein! Sincerely Kerry Kerry Matheison Program Director Central Pacific = 606-H WOONLIGHT ON MAIALUNGTWONT STRINSHORE OF CAHU HAWTI LAPACT . # "LIFE LIKE PHOTO ART" PUBLISHED BY : IMPACT KAENA POINT IN THE BACKGROUND PROTOGRAPHER - JOHN WAGNER C MPACT 1977

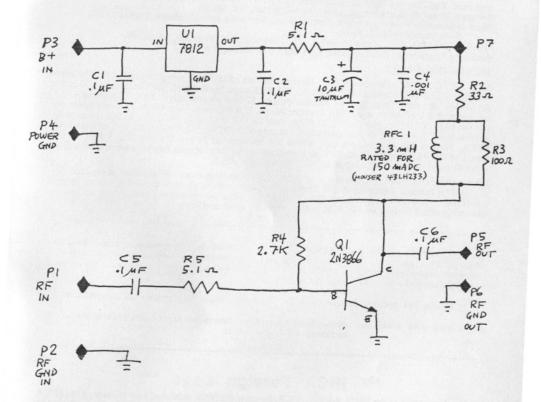


FOR CONNECTIONS, SEE FIGURE 8. SWITCH IS MOUSER IO WR 212, OR EQUIVALENT. FOR FREQUENCY RANGES, SEE TABLE 9.

MWT-2 OPTION 3 FIGURE 5

BBA-C BROADBAND AMPLIFIER CARD : SCHEMATIC FOR CONNECTIONS, SEE FIGURE 8.

(COMPONENT DESIGNATIONS ARE INDEPENDENT OF MWT-2 MAIN ASSEMBLY COMPONENT



NOTES

= = CIRCUIT BOARD GROUND FOR ASSEMBLY DRAWING, SEE FIGURE 6. FOR PARTS LIST, SEE TABLE 10.

THIS IS "AI" OF MWT-2 (OPTION 3).

THE INTERNATIONAL RADIO CLUB OF AMERICA (IRCA)

The IRCA is a non-profit organization devoted to the hobby of hearing distant stations on the AM Broadcast Band (510 - 1630 khz). DX Monitor, the official publication of the IRCA, is published 34 times a year, weekly from October to March, twice in September and April, and monthly from May to August. DX Monitor contains members' loggings, articles on radio stations, receiver reviews, technical articles, DX tips, and other material of interest to Broadcast Band DX hobbyists. IRCA is a member of ANARC, the Association of North American Radio Clubs.

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President: Karl Zuk, 154 Old Post Road North, Croton, NY 10520-1932 (proposals).

Secretary-Treasurer: Bruce Portzer, 6546 19th NE, Seattle, WA 98115.

Board of Directors: Ernest R. Cooper, Richard Evans, Ric Heald, John C. Johnson, Patrick Martin, Bruce Portzer and Rich Toebe.

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Publishing Coordinator: Phil Bytheway, 9705 Mary NW, Seattle, WA 98117.

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UPDATER #1 to the IRCA MEXICAN LIST, 2nd EDITION is now available from the IRCA Reprint Service. This updater contains new information for over 140 stations, plus tips on identifying some of the Mexican radio networks. Much of the monitoring for this updater was actually done in Mexicol

Prices for Updater #1 are \$1.00 to the U.S., \$1.25 to Canada, \$1.75 overseas.

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