

March 14, 1998 - Volume 35 - Number 24 - Edition 1147 - ISSN 899-9733

IRCA ANNIVERSARY IRCA ANNIVERSARY IRCA ANNIVERSARY IRCA ANNIVERSARY

IRCA WEB SITE: <http://fly.hiwaay.net/~waholler/irca.htm>

PUBLISHER'S E-MAIL ADDRESS: sanser@pe.net

SOFT DX MONITOR E-MAIL ADDRESS: philip_bytheway@mukilteo.hac.com

IN THIS ISSUE: CPC Tests Summary..2, Hot Stuff..2, Western DX Roundup..3, Central DX Roundup..9, Eastern DX Roundup..13, DX Worldwide East..15, DX Worldwide West..15, Eastern DX Forum..15, Western DX Forum..16, Verification Signers..18, FCC Changes In Frequency Order..23, Broadcasting Information..24, IRCA Technical Column..29, IRCA Countries List..33

PUBLISHERS DESK: You will notice that we have an ad for the new MEXICAN LOG on the front page. Make Phil work buy em up. If you do not receive this DXM in time for the CPC test do not blame me I just received the information myself, and you will notice missing addresses maybe someone should check in to this. As you all probably have noticed I have been using the soft DXM published by Phil. Using the soft DXM is much easier for me and I should be able to get the information out a lot faster. Of course the problem that shows up when you are in a hurry makes things tough and you all know what problems are of course. Back in the hospital to have some more heart work done, seems to be ticking along ok right now. The doc wants me to walk 2 miles a day, gasp and another gasp. At this time I would like to wish the IRCA a big Happy Birthday and I hope it hangs around for a lot more and it will...Pub...

IRCA MEXICAN LOG 5th EDITION: The IRCA is proud to announce the release of the 5th edition of its MEXICAN LOG. The IRCA MEXICAN LOG log lists all AM stations in Mexico by frequency, including call letters, state, city, day/night power, slogans, schedule in UTC/GMT, formats, networks and notes. In addition, stations that have changed frequency since 1996 are cross-referenced on the old frequency. The call letter index gives call, frequency, city and state. The city index (listed by state, then city) includes frequency, call and day/night power. The log has been completely updated from the 1996 edition and carefully cross-checked by IRCA members in Mexico and the US. This is an indispensable reference for anyone who hears Mexican radio stations. Size is 8 1/2" x 11" and three hole punched for easy binding (optional).

Prices: IRCA/NRC members - \$7.00 (US/Canada/Mexico/seamail), \$8.00 (rest of the Americas airmail), \$8.50 (Europe/Asia airmail), \$9.00 (Australia/New Zealand airmail). Non-members: add \$2.00 to the above prices. Make checks out to: Phil Bytheway.

Order from: IRCA Bookstore, 9705 Mary NW, Seattle WA 98117-2334

RENEWING: If the number above your name reads 35-24 or 35-25 it is time to renew or you will be deleted from the address list. It makes it a whole lot easier on me if you renew early. I try to rubber stamp a reminder on the front page of the DX Monitor to let you know that it is time to renew. Again I asked you to please try to renew early...Thanks.

WELCOME TO IRCA's "soft" DX MONITOR
Vol 35 - No 24
March 5 1998
DXM dated March 14 1998

CPC DX TESTS SUMMARY

Bill Hale - 6124 Roaring Springs Dr, N Richland Hills TX 76180-5552
phantom2@eaze.net

Bill has volunteered to be the CPC chairman for the NRC. Right now Bill is looking for target station lists and stamps or money to help get the lists worked on.

Lynn Hollerman - gmholler@hiwaay.net

PLEASE NOTE: Even if you don't hear a test, be sure and drop a card, letter, or e-mail to the station personnel, thanking them for going to the trouble to run a test!

SUNDAY, March 15, 1998 - WGAI-560, Elizabeth City, NC 0100-0130 EST.
(NRC)

MONDAY, March 16, 1998 - KKSA-1260, San Angelo, TX 0100-0600 EST.
(NRC)

MONDAY, March 16, 1998 - WNAV-1430, will be conducting transmitter tests from 0000-0100 EST. The test will consist of tones and voice IDs. They will be using 5 kW non-directional. (NRC)

Reception reports for WNAV may be sent to:

Mr. Roger DuFault CE
PO Box 829
Annapolis MD 21404

Also, if you hear a test, PLEASE, PLEASE let me know, via e-mail or the newsgroup! And, if you send a reception report to a station, please remember to include return postage with your report.....

HOT STUFF

TIM HALL - halls@inetworld.net

Updated info e-mailed to me by the operations manager at WTDY-1480 Madison, WI, which is moving to 1670 soon: "Had an engineering meeting and it now appears testing will begin around March 17!!!! Stay tuned. Still plan to go full blast on April 13."

TIM NOONAN - Madison WI - DXing@webtv.net

I phoned WKSH 1370 Sussex WI on 3 March to inquire as to their plans for moving to the expanded band. The gentleman with whom I spoke told me that they plan to move to 1640 in about two months, or about May 1998. At that time they will cease broadcasting on 1370, i.e., they will not simulcast but rather simply move to 1640, using one of the existing towers. The station airs a religious format.

IRCA Stationery

Red and black masthead with the IRCA logo and name. Great for using when writing for verifications. 100 sheets, \$5.00. Order from the IRCA Bookstore, by sending \$5.00 (in US funds) to:

IRCA Bookstore, 9705 Mary N.W., Seattle, WA 98117-2334. Thank you!

Western DX Roundup

Editor: Nancy Johnson

Address: 265 Waterton Way, Billings, MT 59102-7755 Internet: Nancy_Johnson@prodigy.com

Please use Eastern Time.

REPORTERS FOR THIS ISSUE:

- (FA) Frank Aden-4096 Marcia Place-Boise, ID 83704
FRG-7, 4' box loop
- (LG) Larry Godwin-2390 Clydes Dale Lane-Missoula, MT 59804
lbg@selway.umd.edu
Hammarlund HQ-150, Sanserino air-core box loop & KIWA loop
- (NHP) Nick Hall-Patch-1538 Amphion St.-Victoria, BC V8R nick_hall-patch@bc.sympatico.ca
Homebrew rcvr, 3' box loop
- (GJ) Gary Jackson-7735 Center Parkway-Sacramento, CA 95823
FRG 880 & KIWA loop
- (PM) Patrick Martin-P.O. Box 843-Seaside, OR 97138-0843
Drake R8, with term. 1550' Beverage running at 75 degrees to the ENE
- (DM) Dave McCord-21056 N.E. 117th St.-Redmond, WA 98053
Kenwood R-2000, long wire
- (AWP) Art Peterson-851-31st Street-Richmond, CA 94804
FRG-7 with mech. filters, Bendix MN-26C, Radio West loop
- (NP) Nigel Pimblett-1146 Queen Street-Medicine Hat, AB T1A 1B4
Kenwood R-5000, Drake R-8A, Beverages
- (DS) Dan Sys-27423-32nd Avenue-Langley, BC V4W 3J3
GE Superadio II
- (PT) Pete Taylor-6002 Bayview Dr. NE-Tacoma, WA 98422-1227
pvtaytac@brigadoon.com
Sony 2010 with Palomar loop
- (LMT) Lance Thomas-200 Springdale Circle-Airdrie, AB T4A 1N7
Hammarlund HQ-100A & 30" homebrew loop
- (RT) Rich Toebe-2324 Jerilynn Drive-Concord, CA 94519
richtoebe@jps.net
Sony 2010, '97 Delco car radio
- (RW) Robert Wien-1309 Dentwood Dr.-San Jose, CA 95118
rjwmail@webtv.net
GE Superadio II, GE long-range portable, Select-Antenna

OF SPECIAL INTEREST

- 790 KOOR CA, Clovis ex-KOQO moderately strong in Spanish at 0957
2/21 with ID as "Radio Ranchito, 790 AM, Clovis-Fresno."
No call ID, but I phoned station to confirm it has changed
and to verify new slogan. No break at 1000. (LG-MT)
+2/23 1100 ex-KOQO with ID "KOOR Clovis-Fresno, Radio
Ranchito, 790 Ah-emme" (in Spanish), rooster crow. KABC
underneath them. (RW-CA)
- 1300 KKSC CA, Brawley 2/16 0745 with ID "Sportscenter thirteen
hundred, KKSC," Sportsfan network, before that mentioned
you won't see Seinfeld on "Fox TV 9, KECI-TV" after this
fall. This is channel 9 from El Centro. Ex-KROP. In
good over KAZN in KKOL null. (RW-CA)
- 1340 KSVN WA, Tumwater 2/25 poor-fair with relig. programming, ID at
1559:30 mentioned 1340 kHz with 500 watts of power.
Apparently they returned their 1500 frequency to 1340.
Much, much poorer than the old KAPA-1340, but they are 500
watts compared to 1kw at a further distance. Ex-1500.
(PM-OR)

1620 KYIZ WA, Renton These calls were part of the 3-station ID heard 2/26 at 1602. First time KYIZ has been heard. Only KRIZ/KZIZ IDs at other times. They are still lkw; signal is subject to much intermod. QRN driving around. (PT-WA)
+2/27 0315 heard on expanded frequency for the first time with occasional ID's as KRIZ/KZIZ/ and now KYIZ. Other ID's just mentioned KRIZ or KRIZ/KZIZ. At my location in Redmond, WA, KRIZ has always been a pest and I suppose this means they are going to goober up my chances of hearing anything from further afield on 1610 and 1630 as well as 1620. (DM-WA)

?KYIZ? +2/23 2100 noted with 3-way call ID "KRIZ Renton-Seattle, KZIZ (something-Seattle), and now also KYIZ Renton-Seattle." Fair signal, whiny noise on channel. (RT-CA)

580 KMJ CA, Fresno 2/19 2254 strong with ID as "Newstalk 580, KMJ." (LG-MT)
KFXD ID, Nampa dominant at 0800 2/20, announcing Nampa-Boise. I phoned station (new # 208-344-6363) 2/20; has changed ownership and made no definite decision about changing call to KBKK. (LG-MT)
CKUA AB, Edmonton s/on 2/20 0757. Also believed the one with 1000 cps tone at 0752 2/26, as it used to test like this daily. (LG-MT)

590 KSUB UT, Cedar City 2/9 "Hellas (?) Country Listening Leader" fair 1950 with on KUGN and KAQQ nulled. New. (PT-WA)

680 (KNBR) CA, San Francisco 2/16 0330-0620 totally off this period, came back on at 0620. Frequency dead except for 2 Mexicans. Logged new Mexican for me, XESON! Off again 2/23 0345-0610 totally off 2nd MM in a row. Back on at 0610 with ESPN Radio as usual. XESON in there again with 2nd station under them. (RW-CA)
CJOB MB, Winnipeg weak in KNBR null at 2257 2/24. Man said "... the people you know, CJOB." (LG-MT)

?CFTR? ON, Toronto 2/23 0530 probably the station with KNBR off with news. Never did catch call letter ID, but "Weather for Toronto," temps in F and C, Sports News was Canadian teams mostly. Don't know who else it would have been. Tentative report sent. (PM-OR)

700 KGRV OR, Winston 2/12 2200 Praise Radio first time heard here; CKRD under and no KMJY. (PT-WA)

710 KGNC TX, Amarillo 2/19 2105 "KGNC Weatherwatch" by a woman, then into CBS Olympic coverage. (NP-AB)

750 CJVR SK, Melfort 2/24 2253 in the hash with "Station of the year, CJVR." (LG-MT)

790 KWSW CA, Eureka 2/21 1015 barely on top with call ID, on car radio. (LG-MT)

890 KQLX ND, Lisbon 2/16 1857 closing announcement, with invitation to tune to KQLX-FM, then SSB and off at 1900. (NP-AB)

910 KFYI AZ, Phoenix 2/19 2009 end of news, traffic report, weather from "Weatherchannel AM, KFYI," into talk program. New catch over CKDQ! (NP-AB)
KVVQ CA, Hesperia 2/16 0515 in good again in KNEW null with ID "Unforgettable, AM 910, KVVQ," KFYI in background. (RW-CA)

920 KBAD NV, Las Vegas 2/19 2104 several ads, then ID "You gotta get bad, K-B-A-D." (NP-AB)

980 KFWB CA, Los Angeles 2/9 2313 good level over/under CKNW. (PT-WA)
+2/19 2018 news by man & woman, weather, timecheck "KFWB newstime is 5:40," traffic report. (NP-AB)

KMBZ MO, Kansas City 2/19 ID during local sports phone-in show as "Sportsnight on KMBZ." (NP-AB)

990 KTKT AZ, Tucson 2/20 2022 end of CNN sports, then ID "AM 990, KTKT." (NP-AB)

1050 KTRJ CA, Frazier Park 2/19 1038 all alone on car radio with classical music, call ID, and Bloomberg Market Minute. (LG-MT)

KORE OR, Springfield dominated on car radio at 1034 2/26 with spot for a child evangelism service, with a 747-prefix phone number. I called station to confirm; new. (LG-MT)

XED BCN, Mexicali on top of frequency with distorted signal at 1943 2/18. Man said "XED, la embajadora musical de Mexico." (LG-MT)

1060 KDUS AZ, Phoenix 2/19 2019 CBS Olympic coverage, local ads including one for Phoenix Coyotes promotion. (NP-AB)

WLNO LA, New Orleans 2/16 0649 strong, alone with IDs "AM 1060, WLNO" and "New Orleans' most powerful Christian voice, this is AM 1060, WLNO." (RW-CA)

KKVV NV, Las Vegas 2/19 2030 traffic report with ad, ID, into religious program. Had been trying to hear KDUS for a report, and avoid the interference, until I realized the interference was this new catch! (NP-AB)

KKDS UT, South Salt Lake City 2/17 1915 blasting in, almost splashing KTCT-1050! ID "KKDS, AM 1060, in South Salt Lake, the home of All-American classics, we're AM 1060, KKDS," followed by Sinatra music, then "Afternoon Delight." Interesting format... Unbelievable strength. Rarely this strong! (RW-CA)

1070 CBA NB, Moncton 2/15 0156 report from the Olympics, CBS news at 0200. KNX QRM, but no sign of WTSO for some reason. (NP-AB)

1090 (KAJK) CA, Fortuna noted completely off 1/17-18 while on weekend trip to Eureka. (RT-CA)

KKYN TX, Plainview 2/20 2017 local ads for McDonalds and a Baptist university, then back to pre-game show for Bulldogs/Longhorns basketball. (NP-AB)

1110 KRCX CA, Roseville great signal 2/16 2036 over KJTT/KBND mix. "Radio Tricolor" and "Mexicanisima" jingles and some national spots (Bud, etc.). (PT-WA)

1130 KHTH CO, Dillon 2/19 2036 "This is your station for high country oldies, AM 1130, Breckenridge-Dillon." Over CKWX! (NP-AB)

1160 WAMB TN, Donelson 2/15 0023 NOS music, ID by man between songs "... more beautiful music... WAMB." New catch, and a very big surprise! (NP-AB)

WODY VA, Fieldale 2/17 2003 ID as "WODY, your Christian Information Station," brief weather, and into children's religious program. Another new catch and big surprise! (NP-AB)

1170 KLOK CA, San Jose 2/9 2001 ID after comedy album cut, over KPUG. Also very strong 2/16 0054. (PT-WA)

1190 KDIA CA, Vallejo 2/17 1900 good over KEX with Oriental programming & music, quick ID "1190, KDIA, Vallejo," back into chanting-type music. Faded under KEX. Logged 1640 & 1190 with call change, both ex-KXBT! (RW-CA)

+Local pest, noted that it has changed call letters along with 1640. Gives quick "KDIA Vallejo" ID on the hour in English, otherwise, Asian language programs. Thought X-banders were getting separate calls? (RT-CA)

1220 KBPA CA, Palo Alto 2/4 2032 in the clear with end of program and ID. (PT-WA)

1240 KNRY CA, Monterey 2/17 0000 nice dual KNRY/KIEZ dual ID floated in over usual hash. (PT-WA)

KOFE ID, St. Maries 2/23 0900 ID'd with distorted signal as "Hot new country on KOFE, St. Maries." (LG-MT)

KELK NV, Elko 2/23 0452 good on top with ID "Be a part of the Utah Jazz, on 1240, KELK." (RW-CA)

?KBLL? MT, Helena 2/14 0006 weak jingle arose out of the mush. My family doesn't necessarily concur with my reading of the call letters (taped) but they do agree with "KB." Have call into station for confirmation. (PT-WA)

1250 KHIL AZ, Willcox 2/23 0457 faded up over KTMS with ID "You're on K-Hill, Willcox," C&W. Rare here, first time on night power, KNEU is usually in there. (RW-CA)

KNEU UT, Roosevelt 2/15 2351 C&W music, 3 ads for Vernal firms, and IDs 2/16 0028 & 0100. No KKDZ (again); KWSU at varying levels and KHOT in/out. (PT-WA)

1260 CBRU BC, Squamish noted relaying CBU-690 CBC news 2/26 2121 over/under CFRN (which was // CKMX-1060). This was not something I would expect, but in retrospect, CFWB-1490 was noted at 2100 so I should have chased BC stations. On paper, Squamish is well within CBU territory, but a CBC engineer said they need it because "even 50kw doesn't go 90 degrees around mountains very well." He was surprised it got out this far because "We have enough trouble even getting it to cover Squamish." (PT-WA)

1270 KAJO OR, Grants Pass 2/16 1935 clean for 10 minutes over KBAM & KPLY with ands and NOS music. ID's as "K-Joe." (PT-WA)

1310 KMKY CA, Oakland 2/5 0100 legal ID heard under KLIX & CHLW. Into Disney programming. Ex-KDIA. (DS-BC)
+2/18 0000 & 0100 ex-KDIA, almost undecipherable ID given only at the top of the hour with kid's voice. Otherwise, it's just "Radio Disney." I suppose the call is "K-Mickey [Mouse]", but this is never said on the air. (AWP-CA)

1330 KLBS CA, Los Banos 2/12 2102 soft PP ballad, distinctive musical logo and ID. Same music loop 2/15 2100. (PT-WA)

1340 KJAZ CA, Oroville 2/23 0930 good, strong with ID "Sinatra, Presley, Como, Crosby, these are some of the artists who make the music great, here on Ki-wi Radio. AM 1340." Still listed in FCC database as KJAZ. (RW-CA)

KGLW CA, San Luis Obispo 2/23 1005 good while looking for KLDZ call change, with ID "KGLW, the interesting talk station," faded under KCBL. (RW-CA)

1360 KGME AZ, Glendale 2/20 1957 ID as "Sportsradio 1360 KGME, The Sports Leader," traffic report, ads, sports update. New catch. (NP-AB)

KKBJ MN, Bemidji 2/16 1748 ad for bowling alley, weather from "North Star Weather Centre," then back to Dr. Laura. (NP-AB)

1390 CJCY AB, Medicine Hat 2/24 1850 hockey promos and ads from "The Mix 1390" and "The sports leader." Full ID 1855. No KSLM. (PT-WA)

1400 KQMS CA, Redding 2/16 2005 "Newstalk 1400" in at good level with jingle and local news after network news. (PT-WA)

KUKI CA, Ukiah 2/10 1123 ID and news mentioning Anderson Valley (confirmed as nearby by station). (PT-WA)

KSPT ID, Sandpoint 2/14 1132 promo for "Auto Talk" every Sat. morning. (PT-WA)

CKSQ AB, Stettler 2/16 1900 just sort of popped in out of nowhere with "1400 CKSQ" ID. (PT-WA)

1410 KRWB MN, Roseau 2/16 1738 Van Halen tune, ID as "1410, KRWB," into more rock. Haven't heard this one in 10 years. (NP-AB)

1440 KSLX AZ, Scottsdale 2/20 1954 ad string, ID "KSLX AM & FM, Scottsdale-Phoenix," then more ads, ID as "The classic rock station, 100.7, KSLX." Another new catch. (NP-AB)

KODL OR, The Dalles 2/16 played C&W, then had legal ID jingle at 0700. Also on top at 2300 2/21. KMED is the OR station I usually hear here. (LG-MT)

1460 KRRS CA, Santa Rosa 2/14 good level with ID 1058 "Radio Romantica." (PT-WA)

1510 KKHI CA, San Rafael 2/14 ID 1159. Previous untaped ID was at 1046. It and co-owned KGIL/KGXL seem to give full IDs between :45 and :00. (PT-WA)

1520 KTRO CA, Port Hueneme 2/12 "Hot Talk" ID 2000 over KFXX. I had tracked KMPG up until that time; it died, with PSSA I guess and KTRO popped in. (PT-WA)
+2/19 2057 talk program, ads, ID "KTRO... Hot Talk 1520... Ventura county's hot talk." This very rare here. (NP-AB)

1530 WSAI OH, Cincinnati the fading signal which looped east and carried a "heavy" talk program with a Grants Pass, OR Box # didn't sound like KFBK - and wasn't. WSAI ID amid MYL music showed up 2/28 0434 followed by KFBK open carrier 30 seconds later. First time I ever recall KFBK off. New state. (PT-WA)

1550 KSFT MO, St. Joseph 2/19 2300 ID after NOS music "... the greatest songs of years gone by... KSFT, St. Joseph." (NP-AB)

1580 KWYD CO, Colorado Springs on car radio dominated at 1830 2/18. Man ID'd as "KWYD, the King's witness on your dial." Probably the preacher atop KGAL at 1010 2/19. (LG-MT)

CBJ PQ, Chicoutimi had what sounded like samba instrumental music & Portuguese vocal song leading into ID at 2300 2/15. Woman gave standard "Radio Canada" ID and also call letters. No call ID given around a year ago at this same hour; policy change, or because it was Sunday? (LG-MT)

1590 KLLL TX, Lubbock 2/20 2009 Abernathy HS girls basketball, "1590 K-triple L" ID, string of local ads. (NP-AB)

1610 TIS AZ, Glen Canyon 2/19 2118 man and woman alternating giving warnings & information about Glen Canyon National Recreation Area. New catch, and alone on frequency. Great auroral night. (NP-AB)

1615 ---- ID, somewhere in west Boise or Eagle. Homefinder Low Power Transmitter heard 2/14 0300. Has pretty decent signal so may be getting out. I bet they do not know they are not on 1610. Giving out 2 phone numbers, one for Boise and another for Eagle. (FA-ID)

1620 WPHG AL, Atmore 2/ 11 0002 "16-20 AM stereo WPHG Atmore Alabama" ID by southern accented man. Fair strength in local noise, as it had been with various syndicated programs previous nights, but his was the only ID. 2/6 2330 it had been trading places with Spanish talk, possibly Argentina. Both now unlikely with KRIZ on, unfortunately. (NHP-BC)

+2/11 0725 good signal with detailed technical information about the station & the move to 1620. Into Alabama Radio News at 0730. New state. (DS-BC)

+2/13 0735 faded up with Gospel music, then weather for SE Alabama and NW Florida. Faded away shortly thereafter. 1700 WCMQ also in at this time, but no sign of NJ on 1660. (RT-CA)

+2/17 2250 heard with call ID, even with KRIZ. (LG-MT)

TIS CA, Irvine 1/29 0449 gave road closures affecting I-5 at Lincoln Ave. "11pm-5am." Clear, all alone on frequency, slight Spanish in background. (LMT-AB)

TIS CA, Torrance got a call from head of CalTrans, southern California. He informed me that a new TIS/HAR will be coming on the air in Torrance. Asked me for frequency for LA area near Tar Pits. I suggested 1700 kHz, with future X-band stations. Southern Cal DX'ers - any ideas??? (GJ-CA)

KRIZ WA, Renton 2/13 0400 very strong signal with ad for Everett Ford. ID as KRIZ-1420, KZIZ-1560. Good thing I taped WPHG last Wednesday to send a report! (FA-ID)

+2/13 on with R&B music and KRIZ/KZIZ IDs at 2315. Now another frequency is gone for the most part. Glad I logged Argentina and Alabama there. Alabama way underneath at fades. 2/16 1130 very weak // 1560 with talk program of some sort. Per bp-WA they apparently are operating during the day with flea power. Sounds like 100 watts or under here on Beverage. (PM-OR)

+Noted on // 1420 2/13 at 2321. Slight hum on the signal. They seemed to be on 1kw as I could null it to distortion. They always give dual KRIZ/KZIZ IDs even though KZIZ isn't on at night. (PT-WA)

+New x-band station heard 2/14 0750 S-20+. Mentioned both KRIZ Renton 1420 and sister station KZIZ 1560 Sumner, WA. (GJ-CA)

- +2/14 0800 with dual IDs for KRIZ-1420 & KZIZ-1560. Announcer mentioned "The world's best Gospel music on the heaven-bound train." (LG-MT)
- +2/14 1100 not as strong as KZIZ-1560. Called today (2/16) to friendly announcer who used to DX while in the service in NC. He asked for samples of QSL cards. He also said with 1620 on (testing with lkw; no 10kw yet) the fulltime CP for 1560 was on hold. (PT-WA)
- +2/16 0452 ID "1420 and 1620 AM, KRIZ, and 1560 AM, KZIZ," over/under Milpitas TIS. Gospel music programming. New. (RW-CA)
- +2/16 0630 poor but consistent signal with satellite R&B and plenty of "KRIZ-KZIZ" IDs. No mention of 1620 kHz in legal ID at 0700. Looks like the "Z Twins" have become the "Z Triplets." New. (DS-BC)
- 1640 KDIA CA, Vallejo 2/4 2200 the usual dynamite signal with satellite "Solid God Soul" and several local reports regarding highway closures due to rainstorms. Ex-KXBT. (DS-BC)
- +2/17 2336-2350 ex-KXBT, frequent IDs as KDIA. This discovery led me to check out 1310 since they couldn't both be KDIA at the same time. (AWP-CA)
- 1670 ?KNRO? CA, Redding noticed signal on 1670 last couple of mornings. No sound at all on this frequency, just an S-20+ on S-meter 0600-0800. Appears that KNRO might be coming on the air soon. Hope WTDY-WI makes it first. (GJ-CA)
- 1680 TIS TX, Dallas-Ft. Worth weak with American Airlines arriving flight gates at 2251 2/23; announcing new call WPLR660 (although not entirely legible). Tip: call is announced after Wichita Falls flight info as it's all in alphabetical order. (LG-MT)
- 1700 WCMQ FL, Miami Springs 1/30 0405 after sitting on this frequency for many hours this winter they finally made it with a surprisingly strong signal. Out of newscast with "CMQ La Gran Cadena" ID. Into Spanish talk which appeared to be very "Anti-Cuban" in nature. New State. (DS-BC)
- TIS NY, New York JFK Airport man talking under WCMQ with parking info. Hard to copy and WCMQ was fairly strong. Could catch bits & pieces during WCMQ fades at 0550 2/13. Soon lost. Caught "New York" a couple of times and "International Airport." I am going to try a taped report to them. Hopefully they can make out the tape. (PM-OR)

DX TESTS

- 1380 (WAMS) DE, Wilmington 2/21 0000-0200 nothing heard that sounded like a test. (FA-ID)
- 1450 (WILM) DE, Wilmington 2/21 0100-0300 nothing heard that sounded like a test in the mess. (FA-ID)

LOCAL NEWS

- 580 KFXD ID, Nampa just heard they have applied for new call KBKK. Too bad for the 2nd oldest call in the state. They came on the air in 1925 in Logan, UT and moved to Jerome, ID in late 1926 and to Nampa in 1930. Only KSEI is older, coming on the air in Pocatello in early 1926. As of today (2/15) they are still ID'ing as KFXD. (FA-ID)
- 840 KSWB OR, Seaside they are now "Good times, great memories," with Adult Standards. // with KSHO-920 Lebanon, OR and others. (PM-OR)
- 1480/1490 KNTB/KBRO WA, Lakewood/Bremerton both stations tested Feb. 5-8 and began fulltime operation 2/9 with Triangle Radio Network programming (apparently HQ'd in Tacoma). On 2/12, KNTB was emitting chirping spur on 1420, 1450, 1510 and 1540. In Lakewood, they interfered a lot with KSUH-1450 and KXPA-1540. The 1510 spur had audio along with chirping and was audible for 10 miles. 1480 audio sounds like its picked up off a radio

using a mike. It went off 2/14 and is still off 1/16. My point is that these stations have gone on & off intermittently for 8 months so it looks like it's impossible for me to send you valid information. (PT-WA)

MYSTERY RESOLVED

580 The "old time radio" shows come from CKXR Salmon Arm and are the 4-6pm PST portion of 6 hours of overnight programming put together 7 days a week by WIC (Western International Communications - formerly WIN) and satellite-fed to about 80 Canadian stations (includes repeaters). It is part of, and housed with, CKNW. Newscasts end with "This is the WIC ("wick") Radio Network." (PT-WA)

UNIDS

- 680 2/23 0545 Black Gospel station with clapping & singing in jumble. The only thing listed with Black format in Memphis, TN, but too weak to copy. (PM-OR)
- 680 2/23 another news station in there at 0529, sounded like a "W" call, but hard to tell. (PM)
- 680 2/23 a bluegrass country station briefly there at 0540, no ID. (PM-OR)
- 680 2/23 a CBS station in jumble with CBS news at 0600. No ID possible. (PM-OR)
- 1400 2/15 0900 legal ID sounded like KORD Troutdale. Nothing like that listed. (LG-MT)
- 1470 2/20 2002 Spanish CNN news, then possible call letters and "Radio Noticias" before going into Mexican music. (NP-AB)
- 1630 During evenings in mid-February around 2300, I heard a pulsating noise here that sounds like an under-water sound effect in submarine movies. Some kind of utility? (I mistakenly reported this on 1530 earlier.) (LG-MT)
- 1670 2/10 heard open carrier fairly strong at 0300. Rock/R&B. Waited a little past 0300 to see if any ID, but nothing. (FA-ID)

Welcome to WDXR, Dave! We hope to hear from you often. Nigel, I agree, these anniversary issues do seem to come around in a hurry. It doesn't seem possible that another year has gone by. Looking at John's DXM of 25 years ago I noticed that the hot reports of my EDXR were of DX tests and frequency checks. "Frequency checks?" ask our newer members. How DX has changed in the past 25 years. Now the hot stations are in the expanded band. Happy anniversary, IRCA!

Central DX Roundup

Editor: John C. Johnson

Address: 265 Waterton Way, Billings, MT 59102-7755 Internet: John_Johnson@prodigy.net

Happy Anniversary!

Deadlines: 4-3, 5-1, 6-5, 6-27, 7-31, 8-21, 9-4. Please report all times as Eastern. Keep tips to less than a month old.

RIDING GAIN

- [LB-MO] Louis Buehler, Winfield, Missouri
DX-390.
- [EB-MO] Eric Bueneman, NOUIH, Hazelwood, Missouri. EricB631@juno.com
Sangean ATS-803A, Realistic TM-152, Worcester Space Magnet 2.
- [TMJ-IL] Tom Jasinski, Shorewood, Illinois. coltj@ccmail.ceco.com
Drake R8A, Quantum loop.

[NJ-MT] Nancy Johnson, Billings, Montana Nancy_Johnson@prodigy.com
Yaesu FRG-7, "Radio West" Loop. Or the radio in the 1995 Mustang. :)

[TN-WI] Tim Noonan, Madison, Wisconsin. Dxing@webtv.net
Kenwood R-1000, "Radio West" loop.

[RCP-IN] Robert C. Pote, Greenwood, Indiana.
Drake R8A, Quantum Loop. GE Superadio III, Select-A-Tenna.

[JJR-WI] John J. Rieger, South Milwaukee, Wisconsin.
johnjrieger@webtv.net
Drake SW2 with Palomar loop and amp, Drake SW8, FRG 100 with Kiwa Loop and MFJ 959B pre-amp.

[JcJ-MT] Your editor using an Icom IC-R71A, Yaesu FRG-7, Lafayette HE-30, GE Superadio III, 2 "Radio West" Loops.

SPECIAL INTEREST

1380 KKWK MO, St. Louis. EX-WKBQ. 2-21 fair to good. 0002 one among many ID's in a row, some legal, mentioning "coming soon," "13-80 KWK," and "the talk of St. Louis." Noted again with a string of ID's on 2-21 at 2011. Call change, EX-WKBQ. [TN-WI]
+2-21. 2052 noted with continuous loop promoting the station's new format, the Missouri Valley Conference college basketball tournament, St. Louis Ambus soccer, the Howard Blazer sports talk show, and the Onion Horton morning show. "The talk of St. Louis, 13-80 KWK," "Giving you an earful every hour," and "changing the face of talk radio in St. Louis" slogans. Legal ID every two minutes, with more emphasis placed on the old three-letter KWK call. Will have Mutual News on the hour. As WKBQ they were hot country ||WKKX-106.5. [EB-MO]

1450 KYLS MO, Fredericktown. EX-KFTW. 2-21 fair. 0100 ID "92.9 FM, 14-50 AM, KYLS-FM Ironton and AM Fredericktown, a broadcast service of..." Not needed. [TN-WI]

DOWN THE DIAL

650 (WSM) TN, Nashville. 2-21 noted off the air. 0410. UnID strong SS heard. [RCP-IN]

690 WTIK LA, New Orleans. 1-12 weak signal, fading in and out with interference from FF station (CBF?). 2220 with hockey game between New Orleans and Pensacola. 2238 break for ID "WTIX" and spots for "X-Files" and Lakewood Country Club. ID going back into the hockey game. [LB-MO]

WZAP VA, Bristol. 2-12 up out of the mud then gone. 0710 with Gospel. "You're listening to The Good Gospel WZAP 6-90 AM." Spot for KK Tires, promo for "Back To The Bible" program Saturdays at 1:15. ID, more Gospel music. [LB-MO]

830 CKKY AB, Wainwright. 2-23 dominant o/WCCO. 0130 with country format. "Hot country Key-83" slogan. [JcJ+NJ-MT]

KOTC MO, Kennett. 2-11 fair, fading in and out with interference from WCCO. 0835 with weather, spot for a furniture and appliance store in Kennett. "Please write and tell us how we are doing at New Cotton Country, KOTC 8-30." Country music. [LB-MO]

850 WAIT IL, Chicago. 2-9 fair signal until KOA moved in for the evening. 1734 with local news, followed by several local spots into a Patsy Cline song. [RCP-IN]

870 WHCU NY, Ithaca. 2-9. 1726 with local weather report followed by "WHCU 8-70 weather center" into news. Quickly faded out. I haven't heard this one in two years. [RCP-IN]

880 KGHT AR, Sheridan. 2-12 good signal with local WINU nulled. 0810 with Gospel music, "Morning Express on Super Station KGHT." Spot for Christian Supply Store, promo for a Gospel concert in Little Rock. [LB-MO]

890 WHNC NC, Henderson. 2-14 very good in partial WLS null. 1800 with Gospel format at end of broadcast day. Mention of WCBQ-1340. No SSB. First time heard. [RCP-IN]

930 KWCO MO, Poplar Bluff. 2-13 fair signal fading in and out of pile. 0740 with news, TC "KWOC news time..." business news, weather, another TC, ID. [LB-MO]

940 WMWR GA, Macon. 2-13 very good signal with very little fade. 1802 with ID "WMWR your news and talk station" followed by news, spot for "I-Omega" computer hardware followed by "Exclusive 9-40 Accuweather forecast....presently 57 degrees at WMWR." [RCP-IN]

980 CFPL ON, London. 2-21 good. 2109 with weather, "Radio 98" slogan, ID's. [TN-WI]

1050 CJNB SK, North Battleford. 2-23. 0121 with ID, country music. [NJ-MT]

1060 WKNG GA, Tallapoosa. 2-16 faint signal fading in and out. 0650 with country music, TC said "52 minutes after the hour of 6 AM in the morning." Is there a 6 AM in the evening?, "The WKNG weather, 44 degrees in Tallapoosa. [LB-MO]

1080 WKJK KY, Louisville. 2-18 very tough to hear due to local WIBC splash. 1730 with NOS format. Traffic report with a Don Dunlap. "KJ" slogan heard quite often. [RCP-IN]

1110 KFAB NE, Omaha. 2-9 fair signal o/u/WBT at times. 1754 with short news story about Liz Taylor followed by spot for "Life Quotes of Omaha." Traffic report for Omaha area sponsored by Alberts Moving and Storage. [RCP-IN]

WSLV TN, Ardmore. 2-21 fair. 1920 with spot, jingle "WSLV Radio Weather" and weather. Another local spot followed. [TN-WI]

1140 KSFN NV, North Las Vegas. 2-23. 0102 with ID. [NJ-MT]

1200 WAGE VA, Leesburg. 2-10-98 fair signal with some mix w/WAOI. 1724 with "This is WAGE. Join us on the internet at www.??? WAGE." Followed country music. [RCP-IN]

1230 KLWT MO, Lebanon. 2-28 fair. 0100 call ID by Jim Bohannon. Could not hear "Lebanon" if it was said during ID. [TN-WI]

KTRF MN, Thief River Falls. 2-21 fair to poor. 2300 legal ID into news. [TN-WI]

KWAS MO, Joplin. 2-26 fair. 2300 with legal ID into news. [TN-WI]

WHCO IL, Sparta. 2-23 good to fair with WJOB nulled and o/WJBC. 1915-1945 with news from Blumberg Net, promo for Empire Diamond in New York. Brief local weather report and call letters at 1934. [TMJ-IL]

1250 WTAE PA, Pittsburgh. 2-19 very poor in mess. 1800 with spot for "Five Star Housing and Construction." Mention of "WTAE sports radio 12-50." [RCP-IN]

1330 KFH KS, Wichita. 2-26. 1952 with call given during promo for Art Bell program. [NJ-MT]

1340 KCAP MT, Helena. 2-26 fair over others. 1954 with "KCAP" jingle after a spot for Big Sky Ski Area. [NJ-MT]

KCQL NM, Aztec. 2-20 fair over mess. 2035 with "Talk, talk, talk. Tom Luykis on AM 13-40 KCQL." [NJ-MT]

KPGE AZ, Page. 2-20. 2100 with "KPGE Page" ID into news. [NJ-MT]

KTSN NV, Elko. 2-25 briefly good up out of mix of many. 0900 with "13-40 KTSN Elko" legal ID into ABC News." Quickly lost to jumble. [JcJ-MT]

1370 KGNO KS, Dodge City. 2-19 fair. 0000 with nice fade up, ID in SS with SS programming. Female announcer. Not needed here. [JJR-WI]

WVAX IL, Lincoln. 2-12 fair signal fading in and out. 0903 with "Where Lincoln turns for news, talk. Radio 13-70 WAVX. Lincoln's news leader." Local news, sports, weather. ID, spot for IL lottery. [LB-MO]

1380 WMJR KY, Winchester. 2-12 fair signal fading in and out. 0705 with oldies. "Magic 13-80 WMJR." Contest to win tickets to the Rock And Roll Hall Of Fame. "Magic 13-80 WMJR. All 70's all the time... the 70's not too hard and not too light. Magic 13-80 WMJR." Oldies continues, weather forecast. [LB-MO]

1410 KGRN IA, Grinnell. 2-14 faint signal in mess. 0743 with "KGRN Weather." Not much, but very clear on tape playback. [LB-MO]

- WIZM WI, La Crosse. 2-14 weak signal up out of pile mixing w/WING. 0719 with spot for Valley View Ford, promo for "Buying, selling, and trading line WIZM 75-79-410. No waiting. Lots of people with stuff to sell calling in..." TC, "WIZM La Crosse" legal ID going into NBC News. [LB-MO]
- WLSH PA, Lansford. 2-5 briefly heard. 1730 with frequent WLSH ID's followed by news. New station for me. [RCP-IN]
- 1420 WIMS IN, Michigan City. 2-14 up out of the mess. 0809 with two men talking about effect of bad weather on the traffic, schools, etc. "WIMS news time now 7, 10..." Spot for Country Buffet with free meals for couples married 50 years. [LB-MO]
- WJUB WI, Plymouth. 2-13 good. 1812 with local spot, ID. Long wanted! [TN-WI]
- 1440 KUHL CA, Santa Maria. 2-28 fair. 1006 with spot, "KUHL" ID. [JcJ-MT]
- 1450 KBBS WY, Buffalo. 2-28 weak, but dominant. 1002 with spots, "KBBS" ID. [JcJ-MT]
- 1480 WFXW IL, Geneva. 2-10 fair up out of pile. 0801 with TC, "AM 14-80 WFXW Geneva with the information you need. News, sports, weather, and classic hits. Close to home from Geneva, St. Charles, and Batavia, Elgin, and Aurora and all points in between. ABC News followed. [LB-MO]
- 1490 KRIB IA, Mason City. 2-16 very good in fade up. 0418 with "Unforgettable 14-90 KRIB" slogan. Satellite NOS format. Not needed here. [JJR-WI]
- WNDU IN, South Bend. 2-19 poor but clear in mess. 0000 with full ID, slogan "14-90 AM" and 70's oldies music. Not needed here. [JJR-WI]
- +2-20 fair. 1900 legal ID. Not needed, but not common. [TN-WI]
- 1510 WWHN IL, Joliet. 2-1 poor u/WLAC. 1850 with station ID "WWHN Joliet" into what sounded like Black oriented Gospel music. [RCP-IN]
- 1520 WWKB NY, Buffalo. 2-23 weak thru KOMA, KTRO. 0200 with "WWKB Buffalo" ID. [NJ-MT] (Nice catch! Both Nancy and I were excited to hear WWKB again. John.)
- 1550 KSFT MO, St. Louis. 2-1 weak but steady. 1836 with "Only one station plays your songs, 15-50 KSFT" followed by 60's rock oldies. [RCP-IN]
- 1580 KCWW AZ, Tempe. 2-28 good. 0959 out of "The Horse Show" with spot, "KCWW Tempe" legal ID. [JcJ-MT]
- WPGC MD, Morningside. 2-14 very good signal. 1725 with slogan "Heaven 15-80 in the spirit with the Lord. Your best station for Gospel in the Washington, Maryland area." Wish they would verify! [RCP-IN]
- 1660 WJDM NJ, Elizabeth. TENTATIVE. 2-8 very good signal with no fading. 1826 Assumed this was WJDM with a half hour of country music, no ID's, no breaks. Have they changed their format? [RCP-IN]

DX TESTS

- 1380 (WAMS) DE, Wilmington. 2-21 DX Test. 0000-0200 listened during this time for the DX Test. Heard two SS stations, one with Gospel, other with Latin music. Both with good signals. Also heard CKPC and CKPL with calls and music. Nothing recognizable as far as a test goes. Listened with 1000' long wire at 90 degrees and Drake R8A on 12V battery in farm field. [TMJ-IL]
- 1450 WLIM DE, Wilmington. 2-21 DX Test very weak in the mess. 0200-0300. Possible code and definite European siren during this DX Test. Heard with 1000' long wire at 90 degree, and Drake R8A on 12V battery. [TMJ-IL]
- +2-21 DX Test. 0100-0300. Tried, but not heard. Just typical GY mush. [RCP-IN]

UnIDS

1140 unID 2-13, 2-26, 2-23. UnID station on some other frequency still is trashing WRVA. Between 0717 and 0721 station either powered up or changed pattern and began to splatter 1140 with high pitched squeal and distorted audio. Heard on car radio during morning drive. [TMJ-IL] (Tom, This unID seems to pop up each time around the same time while you are driving to work. Perhaps there is some transmitter you drive by each time causing this distortion? John.)

25 YEARS AGO

During March of 1973 there were weekly issues. This time we look at three of them. The March 3, 1973 issue of IRCA's "DX Monitor" ... Bill Raczek of Swanton, OH logged country #54 with R. Paradise, St. Kitts. He also logged state #49 with KGEM-1140 ID. The March 10, 1973 issue ... Bill Nittler of McCook, NE said he had 2543 veries ... Karl Forth of Villa Park, IL logged three new countries. Honduras, Guatemala, and Dominican Republic. And finally we look at the March 17, 1973 9th anniversary issue ... Paul R. Mount of Teaneck, NJ logged 24 stations in one MM session including CJCBS NS and ZNS1 ... George Kesteven of Calgary, AB said he was 15 ... Included with the Anniversary issue was a membership list 9 1/2 pages long ... 30 members submitted forums.

OPEN MIKE

When your work speaks for itself, don't interrupt. It's time once again to say Happy Anniversary! Thanks to everyone who reported for the Anniversary issue! 73, John.

Eastern DX Roundup

Editor: Lee Freshwater

Address: 414 SE 3rd St., Ocala, FL 34471

Internet: LFreshwate@aol.com

Welcome to the first bi-weekly EDXR..Lets report often as the DX season isn't over YET !!! Deadlines are 3/18..4/8..5/6..6/10..7/8...8/5..8/26 and 9/9.....FAX 352-732-7223 or e-mail to LFreshwate@aol.com.....

STARS OF THE WEEK

(MB-ON)	Mike Brooker	99 Wychrest Ave., Toronto, ON M6G 3X8	
		Panasonic RF-2200, RFB-45	VIA-E-MAIL
(EM-PA)	Ernest Meyer	7916 Burholme Ave., Philadelphia, PA 19111	
		Drake R-8A, 100' l.w. , KIWA Loop	VIA U.S.P.S.

LOGGINGS

790	WQXI	GA	Atlanta 2/4 1740-1745 Sports tlk, numerous ads for Atlanta businesses, call letters, good signal. (EM-PA)
	WETB	TN	Johnson City 2/4 1750 Had this one tentative from a while ago, heard "twangy" gospel mx, mostly under WQXI & then a list of church affair cancellations in areas (including Bristol) due to severe snowstorm, probable weak call letters. (EM-PA)
880	WRRZ	NC	Clinton 2/12 1750-1800 C&W mx, clear ID & sign off at 1800, under WCBS. (EM-PA)
1130	WASP	PA	Brownsville 2/10 1750 Under WBBR I heard, "It continues to be unusually warm here in Pittsburgh," temp given at 59 degrees, although stn is some distance outside of Pittsburgh, the antenna bearing & description points only to WASP. (EM-PA)

1250 WBRM NC Marion 2/7 1750-1800 Call letters given as part of station contest annmt, mx following was C&W not expected AC, temporarily on top of mush on the hour. (EM-PA)

1370 WTAB NC Tabor City 2/14 1755-1800 NC News itmes, ID as nx from the "North Carolina News Network" which I assume eliminates the other 2 NC stns on this freq. (EM-PA)

1410 WHLN KY Harlan 2/17 1815 Ad for Daniel Boone Clinic program in the AM, call letters given twice, metoric rise & fall to signal. (EM-PA)

WRIS VA Roanoke 2/17 1800 Man talked about "petition to keep WRIS on the air," C&W selection followed, signal was dominant for a short time (EM-PA)

1620 WPHG AL Atmore, 2/21 0130 fr w/fades, ID as "We proclaim his glory, WPHG, Atmore Alabama, 1620 AM in full stereo" into gospel program, same ID at 0200 into USA Radio news. Are there any non-religious broadcasters on the USA Radio network? (MB-ON)

WPHG AL Atmore 2/17 2055-2120 Rel Pop mx, USA net nws on the hour preacher talked about new station-- 10,000 daytime power. 1st stn on 1620 able to be heard "around the world" (!), good signal thru much thunderstorm static. (EM-PA)

1650 KGXL CA Costa Mesa 2/9, 2/10 2350-2400 Show mx, caught KGIL (//1160) call letters, weak signal in & out with much static. (EM-PA)

SPECIAL INTEREST

580 WDBO FL Orlando 2/19 * Adds Jacor/Talk Radio Network's "Coast to Coast AM with Art Bell" per show today. (5P-HI) (Now you, LF, can hear what the fuss is about, hi.)

980 WWRC DC Washington 2/06 * Per 2/06 Radio & Records 2/06, station has dropped its talk format and is temporarily airing Bloomberg Business News Network all day. On 3/01, owner Chancellor Media will swap this format with WTEM-570's all-sports-plu s-Don Imus format. The move deprives CBS/Westwood's Mary Matalin and Jim Bohannon of a flagship station, though I suspect "The Right Side With Oliver North" will flee to Salem Network's owned-and-operated WAVA-FM 105.1 Alexandria. WWRC has upgraded to 50 kW. (5P-HI)

1270 WXYT MI Detroit/Southfield * Station has dropped Tom Leykis and Art Bell, per the web pages of these talk personalities. Station has moved Dr. Dean Edell to 2106-2200 per WXYT web page. (5P-HI)

Off-air:

1540 CHIN ON Toronto, 2/28 1820-1832 noted off, carrier returned at 1832, back w/usual ethnic programs at 1835. (MB-ON)

1540 WDCD NY Albany, 2/28 1829 gd w/CHIN off, ad for Oakland Christian School in Troy, NY, promo for "Money Prescription" program "right here on WDCD", into usual religious programs. Just like the good old days when CHIN was daytime-only (but back then, these guys were WPTR). (MB-ON)

UN-IDEN:

1330 ???? ?? 2/28 1705-1720 gd o/Penguins hockey on Erie, PA pest, w/ad for Sports Authority Bar & Grill, noted several FM // non-IDs as "Light 101.7", MoR/adult standards format. (MB-ON)

1370 ???? ?? Who uses the persistant slogan "Solid Gospel"? Heard this station several times, nut no call letters. (EM-PA) (Ernest: Solid Gospel is a syndicated satellite gospel music service. Could be any of the gospel stns on 1370-ed)

DX TESTS

Tests not heard:

1380 WAMS Wilmington, DE 2/21 0000-0200 not heard. At 25 watts my chances of hearing them would have been slim & none. (MB-ON)
1450 WILM Wilmington, DE Feb. 21 0100-0300 not heard amid graveyard hash and remnants of CHTK-1430 splatter. (MB-ON)

Thanks to Ernest & Mike we had something to type up this week. Hope to hear from all of you soon. Lets get out and support your sections by sending your tips to John, Nancy or me. 73's and all the best..... fresh

DX Worldwide East

Editor: Brandon Jordan

Address: 375 River Rhodes Road, Holly Springs, MS 38635-9524 Internet: DXWW-E@juno.com

This column is for International LW/MW DX loggings by IRCA members in the UTC-6 eastward to UTC+6 time zones (winter). Members located in other time zones please report to Pat Martin's DX Worldwide West column. Loggings are accepted via snail and e-mail preferably in the format used throughout this column. Last minute items can be submitted via the toll free (in US) number listed above. All times are UTC and dates should use 3-letter month abbreviations.

DX Worldwide West

Editor: Pat Martin

Address: PO Box 843, Seaside, OR 97138 Internet: mwdxer@webtv.net

DX has sure dropped off around here after having such a great December. It was probably the best December on record here on the Northern Oregon coast. Except for the "Powerhouse" Japanese and a Korean or two, most of the Asian DX is gone. A few DUs are popping through now. Hopefully that will improve.

Eastern DX Forum

Editor: Richard C. Evans

237 Laurel Meadows Drive, West Columbia, SC 29169-2312 Internet: REvans5435@aol.com

DEADLINES: SATURDAYS

Phone: 803-926-9809

STEPHEN S. HOWE, 9 Warner Drive, St. Albans, Vermont 05478-1575; showe@cnsunix.albany.edu It is time for that annual re-introduction, so here goes: I am 43, married, and a research stable isotope geochemist at the State University of New York at Albany. I have been DXing for about 30 years, my interests early on being SW, ham, and TV DX, with AM and beacons occupying my interests later on. I was a member of the IRCA for about 5 years in the late 1960s and early

1970s before college and graduate school consumed most of my time and I let my membership drop. I rejoined the IRCA about 10 years ago or so when I lived in Menlo Park, California, working for the U.S. Geological Survey. I moved to Vermont over 7 years ago to take a position at the University of Vermont, was working briefly at Northwestern University in Evanston, Illinois, and accepted this position at Albany in October, 1996. I have been the editor of the Verification Signers column for over 5 years and have enjoyed every minute of it. Most of my DXing lately has been confined to trying to catch DX and equipment tests on weekends, as my Sony ICF-2010 and Radio West loop are at my home in Vermont, about a 3 hour drive from Albany. One of these days I will be working in Vermont again and you will not be able to keep me out of the Roundup pages. That is about it this time around. Happy Anniversary, IRCA! 73.

MIKE HARDESTER - 3118 Gaitway Court - Jacksonville, NcA 28546-6973
2Lakota@coastalnet.com
Greetings and Happy Anniversary IRCA!

As customary, a brief reintroduction is in order. I am 48 years old, married to Caroline, and we have a daughter, Amber. After my Navy Career, I began working for the post office as a clerk. I have been DXing since 1968 and I have been a member of IRCA since 1969. Since then, I have lived in a variety of locations throughout the US and Asia. The only totals immediately at hand are states: 48/48 + DC, and provinces: 7/6...still looking for a station in Quebec that will QSL correct reports. My current receiver is an ICOM R-70 which I use with my trusty Radio West Loop. As a member of the Board of Directors, I ENCOURAGE ALL members to take an active roll in OUR club, and offer comments/suggestions for improvement. Very 73 and Best of DX de Mike.

RICH EVANS, 237 Laurel Meadows Drive, West Columbia, SC 29169-2312
REvans5435@aol.com It is that time again. I have been a member of IRCA since early 1965, about 11 months after the club started. At the time, I was a kid living in Michigan. Back then, DX Monitor was a mimeographed bulletin being published in Englewood, Colorado. Somewhere I still have those sample pages I received. I am still using the Hammarlund HQ-100 that I bought early in 1968, but did upgrade my loop antenna last year to a Quantum Loop from Gerry Thomas. It works great, now that I know how to use it. All of my DXing this season has been done down in southeast Alabama at my mother-in-law's house. Just have not had the time here to do any. I work as a rate specialist for Southeastern Freight Lines, which is a fancy title meaning that I (along with 11 others) figure the freight charges on the shipments that we handle. I have been doing this kind of work for about 26 years now. I normally do not beg for EDXF reports, but I must say that this has probably been the worst year for reports in the 16 years I have been doing the column. How about sending some in? 73.

Western DX Forum

Editor: Reid Wheeler

Address: 5910 Boulevard Loop SE, Olympia, WA 98501-8408 Internet: reid@olywa.net

NANCY JOHNSON, 265 Waterton Way, Billings, MT 59102-7755

E-Mail Nancy_Johnson@prodigy.com

[2/24] Happy Anniversary, IRCA! This is the annual issue for everyone to send in a re-intro, so here is mine. I have been an IRCA member for 27 years, and your WDXR editor for 23 years. Domestic DX'ing is my specialty, however, this past year John was looking at my DX totals from Fredonia, NY during the early 1970's and was amazed at all the foreign countries I had logged. After DX'ing for 3 1/2 years from Fredonia, I DX'ed for 22 years from Aberdeen, WA. I've been here in Billings for 3 years. Each of the three locations has completely

different DX conditions. On the personal side, I'm married to CDXR editor John, and have two children (Billy and Melanie). I work full-time at the Billings OfficeMax store. Happy Anniversary IRCA!

JOHN C. JOHNSON, 265 Waterton Way, Billings, MT 59102-7755

E-Mail: John_Johnson@prodigy.net

[2/24] Happy Anniversary, IRCA! As many of you know, I am one of the Charter Members of the IRCA. Being a Charter Member has given me a greater appreciation of our "family" of DXers who make up our great club. We are a strong club because of our "family." I've been DX'ing since 1962, from Sheridan, WY until my move to Billings in 1972. I work as a Master Control Operator and Technical Director at KTVQ, Channel 2 here in Billings. If you add up the years, that's over 25 years at Q-2! I am married to WDXR Editor Nancy. This past year Nancy and I purchased a new home on Billings' popular west end near lots of shopping and eating places. Nancy and I share many hobbies including DX, computers, genealogy, and Ford Mustangs. As the IRCA enters into a new era it's a pleasure to once again say "Happy Anniversary!" 73, John.

DAN SYS, 27423-32nd Ave, Langley BC V4W 3J3

(604) 856-2130

Happy Anniversary IRCA!!! May the club celebrate many more in the years ahead! Figured it was time for a re-intro: I'm 45, a single parent with a 12 year old son Desmond (been doing that for 24 years). Originally joined IRCA in the late 60's and was a member for the next decade or so. During that time all the Vancouver stations gradually became 50 KW's and NSP (with harmonics & spurs all over the band) making it difficult for serious DX; eventually the interest faded. In 1994 I purchased a home in the Fraser Valley (about 35 miles SE of Vancouver) and to my amazement the Vancouver stations were practically non-existent in the evenings due to their strange nighttime pattern configurations. Once again, the "DX Bug" bit me. Currently just using a GE Superadio II & a JVC RX-302 (for 1610-1710), but something a bit more sophisticated is in the cards. I'm following the expansion of the AM band with great interest these days. It's created some fascinating DX already: on Feb. 11 WPHG-1620-Atmore, AL was coming in loud and clear a few days later KRIZ-1620-Renton, WA signed on the air making it highly unlikely to hear WPHG again from this area. I have a feeling the most memorable times in all my years associated with DX'ing are about to occur in the next little while as more stations appear in the expanded band. I urge everyone to check out those new frequencies on a daily basis. In closing, I'd like to thank everyone over the years who have volunteered countless hours of their time and energy to insure IRCA's survival. I still get as excited as I did 25 years ago when the DX MONITOR arrives in the mailbox. 73's to all.

ART PETERSON, 851-31st Street, Richmond CA 94804

Happy Anniversary, IRCA! By way of re-introduction, I am age 53, single, have been DXing since 1960, and work as a consulting forester. I joined the IRCA near its second anniversary and have been a member ever since; member of the Longwave Club since 1981. Receivers in use: a modified Yaesu FRG-7 (general coverage plus LW through a converter) and a WWII surplus Bendix MN-26C (150 to 1600 kHz). Antennas in use: R. West loop and 300 feet of longwire strung around the periphery of my lot. At various times I tune LW beacons, MW, SWBC, and utilities. I have verified all states (44 on MW), all provinces (9 on MW), and 81 countries (56 on MW). Other interests include long distance bicycle touring, photography, snow skiing, and personal computers. I am the author of the GCD program for MS-DOS computers that computes great circle distances and bearings and includes a huge database of transmitter coordinates. GCD has been well received by those who have used it and is still available w/full registration for just \$20. My longwire antenna has weathered many a storm for 15 years, but recently part of my back fence half blew over, taking one of my antenna supports with it and snapping the wire in 4 places. But it's all back together again. It was about time to rewire it anyway. In spite of double our normal rainfall, I have had no other storm damage. 73 & good DX to all.

LARRY GODWIN, 2390 Clydes Dale Lane, Missoula, Montana 59804
 (E-Mail to lbg@selway.umd.edu)

[2/27] Greetings, and Happy Anniversary everyone! This is our 35th year and to me, the time has gone by quickly. I started DXing in 1957 while I was in high school in Amarillo, Texas, and bought my present receiver, the Hammarlund HQ-150, a year later. I attended the Univ. of Colorado in Boulder from 1960-1964, and during that time became a founder and charter member of our fine club. I moved to Berkeley, CA, after that, and around 1967, was proud to receive the TVA award. I have the beautiful plaque mounted over my radio. I'm 55, serve on the club's Board of Directors, and live with my tolerant wife Cathy and our precious five-year-old daughter Jenny. From Missoula, where I've DXed since 1991, I've picked up 941 AM stations in 40 U.S. states, 6 Canadian provinces, and 20 countries. I still have all my QSL's from other locations, but nowadays I only send one or two reception reports a year. The IRCA is having some problems right now, as we continue to search for more members to shoulder the workload (especially publishing), but I believe we'll come through this period on solid footing. I'm thankful to Ralph and to all our excellent editors for their tireless efforts, and grateful for all the loyal members who contribute tips and personal news each issue. I'd like to close by quoting from a recent letter I received from Pat Martin: "We are like a family, not just members ... we care about each other and the club." 73 and good DX, Larry



QSL

VERIFICATION

SIGNERS

Stephen S. Howe
 8 Dutch Village, Apt. DL
 Menands, NY 12204-2930
 showe@cnsunix.albany.edu

My deadline is the last Wednesday of the month. Advance warning: Deadline for the April column moved up to Tuesday, April 21st, because of vacation schedule.

Contributors:

- PHA Paul H Alves, P O Box 48, Mattapoisett MA 02739-0048
- LJF Lee J Freshwater; LFreshwate@aol.com
- BH Bill Harms, 6009 Bauman Dr, Elkridge MD 21075-5501;
 wharms@iname.com; wharms@erols.com
- RH Bob Harrison, 166 Renner Ave, Union NJ 07083-8839
- GVJ Gary V Jackson, 7735 Center Parkway, Sacramento CA 95823
- TMJ Tom Jasinski, 419 North Raven, Shorewood IL 60431-9640;
 coltj@ccmail.ceco.com
- PM Patrick Martin, P O Box 843, Seaside OR 97138-0843;
 mwdxer@webtv.net
- RCP Robert C Pote, 766 Ashford Lane, Greenwood IN 46143
- RS Randy Stewart, jrs555t@wpgate.smsu.edu

FREQ	CALL	NAME and TITLE	ADDRESS	WHAT	WHEN	WHO
530	WNVQ843	Naomi Wu, CommMgr	Police Dept, City of PA 321 East Fifth St Port Angeles WA 98362-0217		L 17	BH
550	WLKW	Todd Grant, PD	1110 Central Ave Pawtucket RI 02861		L 12	PHA
560	WFRB	Jim Frantz, NxDir	242 Finzel Rd Frostburg MD 21532		LM 18	RCP
570	WMCA	Joe D Davis, VP/GM	201 Route 17N, Suite 601 Rutherford NJ 07070		LM+ 8	PHA
580	WTAG	Skot G Pare, PD	P O Box 58, West Side Stn		L+ 16	PHA

Worcester MA 01602

590 WPBJ222* Bruce C Magnum, Senior Montgomery Co Hwy Admin P 6 BH
 Eng, Transportation Div of Traffic and Parking Serv
 Systems Mgmt Section 101 Monroe St, 11th Floor
 Rockville MD 20850-2589

594 DZBB Shirley K Escalante, DZBB, GMA Complex, EDSA L 50 PM
 Desk Editor cor. Timog Ave
 Diliman, Quezon City 1103
 The Philippines

600 WICC Mark E Malasics, AsstCE 2 Lafayette Sq LQM+ 7 PHA
 Bridgeport CT 06604-6000

WREC Gary Condrey, CE 203 Beale St LMBbc+ 8 RCP
 Memphis TN 38103

603 CBS Illegible Radio Taipei, P O Box 24-38 Q+++ 47 PM
 Taipei, Taiwan

610 WRUS Don Neagle, GM P O Box 298 LM 5 RCP
 Russellville KY 42276

620 WVMT Michael Sequin, CE P O Box 620 LMB 9 PHA
 Colchester VT 05446

630 WEJL Michael Neff, PD 149 Penn Ave C 9 RH
 Scranton PA 18503

CFCO Illegible, Eng 117 Keil Dr South Q 30 RH
 Chatham ON N7M JH3

639 HLSA Dougsu Ahn, Tech 18 Yoido-dong Youngdungpo-su L++ 99 PM
 Liason Officer Seoul 150-790, Rep of Korea

640 WNNZ 1500 Main St, P O Box 15640 B+ 6 PHA
 Springfield MA 01115-5640

640 WGOC Mitch Sandidge, GM/CE 640 Radio Way LMB 19 RCP
 Blountville TN 37617

650 WRPT Frankie Boyer 100 Mt Wayte Ave LM 13 RH
 Framingham MA 01702

WKKQ "Danny," CE P O Box 1060 LB++ 23 RCP
 Hibbing MN 55746

660 WFAN E Knapp, CE 34-12 36th St Q 7 PHA
 Astoria NY 11106

710 KTZN Illegible, DirEng 3321 S LaCienega Blvd F 12ff PM
 Los Angeles CA 90016

720 WMXY Stacy Powers, PD/MxDir P O Box 1114 LM+ 16 RCP
 La Grange GA 30241

WGN James J Carollo, DirEng 435 N Michigan Ave Q+ 9 PHA
 Chicago IL 60611

CHTN Muriel Murtagh P O Box 1060 F 69 BH
 Charlottetown PEI C1A 7M7

730 WJTO Robert Bittner, Licensee P O Box 308 Q 12 PHA
 Bath ME 04530

740 WJIB Bob Bittner, O P O Box 848 Q 9 PHA
 Boston MA 02194

760 WVNE Lincoln W Hubbard, CE 70 James St, Suite 140 LB+ 9 PHA
 Worcester MA 01603

770 KKOB Mike Langner, CE 500 4th St NW L 425fff RCP
 Albuquerque NM 87102-2102

790 WNIS Dave Morgan, NxDir 500 Dominion Tower L 12 RCP
 999 Waterside Dr
 Norfolk VA 23510

800 KXIC Roy Justus, PD Box 2388 LM+ 9 RCP
 Iowa City IA 52244

WCCM Peter J Wood, PD 33 Franklin St L 8 PHA
 Lawrence MA 01840

810 WGY Bob Blanchard, CE One Washington Sq L 20 PHA
 Albany NY 12205

830 WCRN Steven J Callahan, CE 1194 Main St L 26 PHA
 Worcester MA 01603

KOTC Mike Scallorns, PD P O Box 271 L 20 RH
 Kennett MO 63857-0271

850 WTAR Dave Morgan, NxDir 500 Dominion Tower L 12 RCP

			999 Waterside Dr				
			Norfolk VA 23510				
880	WCBS		51 W 52 St			C 45	PHA
			New York NY 10019				
920	WBBB	Harry Myers, StnMgr	P O Box 1119			LM 8	RCP
			Burlington NC 27216				
	CJCH	Walter S Labucki, DirEng	2900 Agricola St,			LQ 12	PHA
			Box 1653				
			Halifax NS B3J 2Z4				
940	WCPC	Robin H Mathis, GM	1189 Highway 15 North			LM 78f	RCP
			Houston MS 38851				
960	WELI	Mike Raub, DirOps	P O Box 85			L 12	RH
			New Haven CT 06501				
1000	CKBW	Frank J Grayney, CE	215 Dominion St			LB 14	PHA
			Bridgewater NS B4V 2G8				
1020	WPEO	Robert Ulrich, GM	1708 Highview Rd			LMB+	20 RCP
			East Peoria IL 61611				
1030	KLLU	Jeremy Tryon, OpsMgr	P O Box 168			F 14ff	PM
			Reedsport OR 97467				
1060	WLNO	D Gayril Gibson, GM	Oakwood Corporate Center			L 6	RCP
			401 Whitney Ave, Suite 160				
			Gretna LA 70056				
1070	WPDD643*	Bruce C Magnum, Senior	Montgomery Co Hwy Admin P			6	BH
			Eng, Transportation Div of Traffic and Parking Serv				
			Systems Mgmt Section 101 Monroe St, 11th Floor				
			Rockville MD 20850-2589				
1080	WTIC	Garnet Drakiotes, CE	One Financial Plaza			cfMbc++ 15	RCP
			Hartford CT 06103			cfbc+ 6	PHA
	KYMN	Christian Dady, PD	P O Box 201			LP 25	TMJ
			Northfield MN 55057				
1090	KAAY	James Rochelle	7123 I-30, #1			Q 12	RCP
			Little Rock AR 72209				
1090	WBAL	Mary Ellen Pann, EngAsst	3800 Hooper Ave			L 35	PHA
			Baltimore MD 21211				
1100	WBBM	Mark Williams, CE	630 North McClurg Court			LM+	12 PHA
			Chicago IL 60611				
	WTAM	Kristen M Hagan, ProgAsst	1468 W 9th St, STE			805 L+ 8	PHA
			Cleveland OH 44113-1220				
1110	WBT	Ted Bryan, CE	One Julian Price Place			LQMB 23	PHA
			Charlotte NC 28208				
1130	WBBR	Betsy Haubenstock	499 Park Ave			LB 9	PHA
			New York NY 10022				
1150	WMRD	Carol Mon, OffMgr	777 River Rd			LM 9	RH
			Middletown CT 06457				
	WNFT	Frank Kelley, Jr, Eng	116 Huntington Ave			L 15	PHA
			Boston MA 02116				
1200	WBZY	Bill King, CE	1906 Wilmington Rd			PMB+	11 RCP
			New Castle PA 16105				
1210	WPHT	Sam A Virgillo, Technical	City Ave & Monument Rd			FC 38	PHA
			Superv Philadelphia PA 19131				
1240	WBUR	Irena Panduku, Eng	890 Commonwealth Ave			LB 23	PHA
			Boston MA 02215				
1260	WPZE	Joe Tobin, PD	Marina Bay, P O Box 9121			L 12	PHA
			Boston MA 02171-9121				
1290	KPAY	D W Barton (?), CE**	2654 Cramer Lane			F 8f	PM
			Chico CA 95928				
1300	WILP	Tara Curtis, NxDir	The WILK Network			LMB 19	RH
			305 Highway 315				
			Pittston PA 18460				
1310	KMKY	James A Smith, GM	384 Embarcadero West			L 11	PM
			Oakland CA 94607				
1340	CIBQ	Wendy Roberts, PromoDir	Q91, 515 Hwy 10E,			L+ 26f	PM
			Box 1480				
			Drumheller AB T0J 0Y0				
1350	WLMA	Ron Moore, Eng	811 Montague Ave, Suite A				LJF
			Greenwood SC 29647				
1360	WDRC	Charles Dube, CE	869 Blue Hills Ave			Q+ 7	RH
			Bloomfield CT 06002				

1400	WSAM	Rick Walker, OpsMgr	2000 Whittier St Saginaw MI 48605	L 10	RH
1410	WLSH	William Lakatas, GM	Box D Lansford PA 18232	L 13	RH
1420	KMHS	Lori Teribery Stephen T Walker, General Mgr	Marshfield High School 10th & Ingersoll Coos Bay OR 97420-1380	L+ 10	PM
1450	WMAJ	James Forr, PD	P O Box 888 State College PA 16804	L 98f	RH
1470	WMBD	Roger R Wells, Radio	3131 N University St Peoria IL 61604	LM 15	RCP
	WSRO	Richard D Kenadek, CE	48 Fitchburg St Marlborough MA 01752-0566	L 21	PHA
1480	WSAR	Mark McMillen, CE	1 Home St Somerset MA 02725	L 16	PHA
1500	WTOP		3400 Idaho Ave NW Washington DC 20016	C 12	PHA
1510	WRNJ	Norman Worth, VP/GM	P O Box 1000 Hackettstown NJ 07840	L 5	RH
1520	WGAM	Jim Hemingway, CE	267 Main St, P O Box 520 Greenfield MA 01302	FB 30	PHA
	WWKB	Salvatore J D'Angelo, Eng	695 Delaware Ave Buffalo NY 14209	LM 9	PHA
	KOMA	Ray Klotz, DirEng	P O Box 6000 Oklahoma City OK 73153	QB 22	RCP
1530	WMBT	Dave Schmidt, Eng	P O Box 1530 Shenandoah PA 17976	L 107f	RH
1548	VOA	Charles Taylor U.S. Information Agency	International Broadcasting Bur Greenville Relay Stn, A Plant Greenville NC 27858	L 8	BH
1550	WKQV	Greg Foster, PD	WARM Radio 600 Baltimore Dr East Mountain Corporate Center Wilkes-Barre PA 18702	L 131f	RH
1590	WARV	Lincoln W Hubbard, CE	19 Luther Ave Warwick RI 02886	LB+ 17	PHA
1610		Illegible, VP	Trade-Way*** 1460 E Yosemite Ave Manteca CA 95336	Q 4	GVJ
WNQA289		Bob Smith, Radio Techn	Maryland State Hwy Admin P 5901 Baltimore National Pike Baltimore MD 21228	P 5	BH
WNVQ843		Naomi Wu, CommunDir	Police Dept City of Port Angeles 321 East Fifth St Port Angeles WA 98362-0217	L 20	BH
1620	WPHG	John Mathis, GM	805 North Main St	Q 20	PM
		Luvirn Mathis	Atmore AL 36502	Q 22	BH
				Q 20	GVJ
				Q 20	TMJ
			Marranatha Ministries, Inc	F 16	RS
			805 North Main St Atmore AL 36502		
	KUTE	Tom Herring, Eng	University of Utah 200 S Campus Dr, Rm 141 Salt Lake City UT 84112-9111	L 60	GVJ
		Jennifer Bateson	College Radio 141 Olpin Union University of Utah Salt Lake City UT 84112	L 18f	PM
WPJM404		Maureen Kelley, ExecDir	Augusta Co Chamber of C Waynesboro VA 22980	L+ 24	BH
		Maureen A Kelley, Dir	Augusta Co Chamber of Comm 301 W Main St Waynesboro VA 22980	L 30	PM

	KRIZ	Chris Bennett, GM	2600 South Jackson Seattle WA 98144			PM
1630	WPJR341	Ross J Bremer, Superv	Eng, Dept of Transportation	L 13		* BH
		Out-State ITS Develop- ment and Demonstration Unit	Transportation Bldg 425 West Ottawa P O Box 30050 Lansing MI 48909			
1630	KNAA688	Jerry Spampinato, Security and Landside Operations Division	John F Kennedy Intl Airport South Service Rd, Bldg #14 Jamaica NY 11430	L 7		BH
	KNNV688	Douglas F Little, University Police, Community Affairs	AsstDir, Dept of Public Safety University Police State Univ of NY at Stony Brook Stony Brook NY 11794-5501	L 25		BH
1665	2MM	Vicky Karmogianni, StnMgr	Locked Bag 888 St Peters, NSW 2044, Australia	L+++	182f	PM
1670	TIS	David Schrodt, Fire	Chief Midlothian Fire Dept 104 West Avenue E Midlothian TX 76065			PM
	****	Hokkaido Urakawagun		Q 19		PM
			Urakawa-hou Sakai machi higaski 3 chorme 18 bak 22 gou Hidaka kauho hyoushikii Jimushu Japan			
1700	HAR	Marianne Pellegrino, Acting Mgr, Security and Landside Operations Division	Port Authority of NY & NJ John F Kennedy Intl Airport South Service Rd, Bldg #14 Jamaica NY 11430	L 20		RH

WHAT was received: L = Letter with personalized statement; F = Form letter; Q = QSL card, commercially printed; C = Postcard or similar card supplied by station; P = Prepared card supplied by DXer; R = DXer's report returned with statement; cf = Certificate; E = Verification by e-mail; fx = Verification by FAX; M = Coverage map; B = Bumper or o = there sticker; bc = Business card; + = Extra goodies WHEN the reply came; Number of days elapsed; f = Follow-up, by mail, FAX, e-mail, or visit; n = Return postage not used; r = Return postage returned NOTES: * [f= or this column] = Station covers several separate locations; ** [for this column] = See comment below; *** [for this column] = See comment below; ^ [for this column] = Note two different signers and slightly different addresses; **** [for this column] = Marine weather station at Ekimo Lighthouse; frequency is actually 1670.5 kHz; power is 50 watts

This is the longest column (5 pages) with tips from the largest number of reporters (9) since I've been editing the column over the past 5 years. Congratulations! A big welcome to the column to Paul! Thanks for your clear and well-formatted report, however, your small handwriting is a little hard for this old man to read; maybe you can print a little larger or double-space between tips. Also, if possible, please try to list your tips in frequency order. Thanks! Good to have Lee, Bob, Tom, and Randy back with us this month; thanks for the kind words! Patrick is unsure of the name of the signer for KPAY-1290. I verified them when they were on 1060 kHz for a 4/26/89 reception when I lived in Menlo Park, California; at that time the name of the CE, who was the signer on my QSL card, was Dan Butner, which is similar to the possible D W Barton that Patrick reported. My 1996 M Street Directory lists the GM for KPAY as Dave Brower. Patrick indicated that the address for KPAY is new, but this is the same address they had 9 years ago. There is another word after Trade-Way in the address for Gary's Manteca, California station on 1610 kHz, that I couldn't make out. Perhaps he can clarify it for us later. Bill notes that the address for CHTN-720 is also used by CFCY-630. This column was prepared on 2/25/98. 73, SSH

IRCA Stationery

Red and black masthead with the IRCA logo and name. Great for using when writing for verifications. 100 sheets, \$5.00. Order from the IRCA Bookstore, by sending \$5.00 (in US funds) to:

IRCA Bookstore, 9705 Mary N.W., Seattle, WA 98117-2334. Thank you!

PLEASE NOTE THAT THESE CHANGES ARE LISTED IN FREQUENCY ORDER

LEE J FRESHWATER 414 SE 3rd St, Ocala, FL 34474
FAX 352-732-7223 E-mail Lfreshwate@aol.com

complete listings available at :
http://members.aol.com/bablogbook/main.htm

The F.C.C. has started putting CALL LETTER changes in their computer data base...We will include them here as time and space permits.

PREPARED ON 3/4/98

Call Signs reserved for Pending Sales Applicants **

NEW CALL	CITY AND STATE	FREQUENCY	FORMER CALL
WDZY	Colonial Heights, VA	1290	WZOD

** Commission grant and consummation does not automatically grant call sign application. The new licensee must provide written notice to the call sign desk upon consummation of the transaction and await authority from the Commission to use the new call sign.

CALL SIGN CHANGES

NEW CALL	CITY AND STATE	FREQUENCY *	FORMER CALL
KNRS	Salt Lake City, UT	570	KISN 1
WJWL	Georgetown, DE	900	WSSR
KNWZ	Thousand Palms, CA	1010	KPSL
KXPS	Thousand Palms, CA	1270	KNWZ
WPTT	McKeesport, PA	1360	WIXZ
KKWK	St. Louis, MO	1380	WKBQ
KDXX	Dallas, TX	1480	KMRT
KMEN	Hastings, NE	1550	KICS 1
KSMH	Auburn, CA	1620	new
WHKT	Portsmouth, VA	1650	WAWT
WMIB	Marco Island, FL	1660	new
KQJD	West Fargo, ND	1660	new

1- information noted in M Street Journal, but not seen in the FCC information..

*- The F.C.C. does NOT list the frequency in their database. I have tried to suplliment this with information from my own database,, so look it over "carefully" before you change anything in yours.

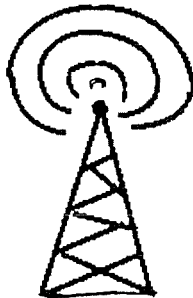
We have put this information in order of frequency rather than location. Send any suggestions, changes AND corrections to the above E-Mail address.

IRCA Reprints

The IRCA maintains a large file of articles which have appeared in past issues of DX Monitor. These articles cover a wide variety of topics, including: antenna theory and construction, tips for the foreign BCB DXer, how to improve your DXing skills, history of DXing and broadcasting, lists of stations by subject, construction projects and receiver modification, receiver reviews, medium wave propagation, and more. Copies are available for a nominal charge. For a list of reprints, send \$1.00 to:

IRCA Reprints, c/o Steve Ratzlaff, 1885 E Bayshore Rd Sp 90,
E Palo Alto CA 94303.

BROADCASTING INFORMATION



EDITOR: ROBERT WIEN
1309 DENTWOOD DRIVE
SAN JOSE, CA. 95118-3020
PHONE: 408-265-5686
E-MAIL: RJWMAIL@WEBTV.NET

DEADLINES: 2nd & 4th Saturdays.

Compiled:02/21/98

Much of this information is compiled from M Street Journal, DXM,
and various other sources.

NEW STATION GRANTS:

GA. Atlanta	1650 khz.	10000/1000 ND
PR. Canovanas	1660 khz.	10000/1000 ND
SC. Myrtle Beach	1620 khz.	10000/1000 ND
VI. Charlotte Amalie	1690 khz.	10000/1000 ND
WI. Sussex	1640 khz.	10000/1000 ND
WY. Casper	1400 khz.	1000/1000 ND

CONSTRUCTION PERMIT ACTIVITY:

AK. Nome	KNOM-780	inc. to 25000/14000 ND
CA. Glendale	KIEV-870	inc. to 20000/3000 DA-2
PR. Mayaguez	WPRM-990	dec. to 910/910 ND
TX. Balch Springs	KSKY-660	inc. to 660-N, DA
WA. Tumwater	KVSN-1500	moves to 1340 khz., 1000/1000 ND

FACILITY & PARAMETER GRANTS:

CO. Monument	KCBR-1040	inc. to 500-D, 2000-CH, ND
IA. Algona	KLGA-1600	dec. to 1000 w. DA-2
MI. Frankenmuth	WJZZ-1210	dec. to 10000-D (CP)
ON. Lindsay	CKLY-910	move to 91.9 FM

CALL LETTER CHANGES:

AL. Fairhope	WHOZ-660	becomes WDLT
CA. Clovis	K000-790	becomes KOOR
Santa Barbara	KIST-1340	becomes KLDZ "Oldies 1340"
Thousand Palms	KNWZ-1270	requests KXPS
Vallejo	KXBT-1190	becomes KDIA (confirmed-ed)
CO. Grand Junction	KBZS-620	becomes KKGW "K-gem"
FL. Fernandina Beach	WOAI-1570	becomes WYHI "Island Radio YHI"
ID. Nampa	KFXD-580	becomes KBKK (per station, plans to remain KFXD)
MO. St. Louis	WKBO-1380	requests KKWK
NJ. Trenton	WTM-920	requests WCHR
OK. Duncan	KRHD-1350	becomes KKE
Lawton	KSWO-1380	becomes KXCA

Note: WTBC-1230 Tuscaloosa, AL. will remain WTBC and not WTNW.

FORMAT CHANGES (SECTION 1):

AL. Fairhope WHOZ-660 was R. Aahs, now Reach s. gospel
AK. Anchorage KYAK-650 was R. Aahs, now AC//KYMG
CA. Arcata KATA-1340 was oldies, adds JRN oldies
CO. Granby KRKY-930 was country, adds JRN country
ID. Weiser KWEI-1260 was oldies, now SS, SS religion
IA. Des Moines KKSQ-1390 was R. Aahs, now country//KJJY
KY. Burnside WKEQ-910 was news, now 1 on 1 sports
Corbin WKDP-1330 was C. Xtian, talk, drops C. Xtian
Danville WHIR-1230 was oldies, talk, now talk, sports
Shelbyville WCND-940 was country//Fm, now JRN AS
MD. Frederick WXTR-820 was ABC country, now ABC Real Country
MS. Wiggins WIGG-1420 was s. gospel, now ABC Country
NJ. Trenton WCHR-920 was WTMM, religion//WCHR, now religion
NM. Albuquerque KHTZ-1520 was R. Aahs, now classic rock//KTEG
NC. Burlington WPCM-920 was WBBB, talk, now classic country
Wilmington WAHH-1340 was R. Aahs, reported silent
OK. Pryor KMYZ-1570 was R. Aahs, now talk
OR. Hermiston KOHU-1360 was country, adds ABC Real Country
PA. Berwick WSQV-1280 was country, reported silent
SC. Barnwell WBAW-740 was talk//FM, now Reach s.gospel
Dillon WDSC-800 was country//FM, now SGN Black gospel
VA. Ashland WPES-1430 was R. Aahs, now BNN Business
Hopewell WHAP-1340 was R. Aahs//WPES, now BNN Business
WI. Eau Claire WEIO-1050 was R. Aahs, now classic rock//WIMS-FM
WY. Casper KVOC-1230 was oldies, talk, drops talk

FORMAT CHANGES (SECTION 2):

AL. Atmore WGYJ-1590 was s. gospel, reported silent
WPHG-1620 is new, s. gospel (1590 will stay silent, has no plans to return)
Opelika WTLN-1520 was silent, now ABC AS
CA. Clovis KOOR-790 was KOQO, reg. Mex., now ranchero
Santa Barbara KLDZ-1340 was KIST, oldies, to be sports
CO. Grand Junction KKGM-620 was KEZS, sports, now WWI AS
DC. Washington WWRC-980 was talk, now Bloomberg business (WTM sports format to move to 980 in March, business format will move to 570)
FL. Fernandina Beach WYHI-1570 was WQAI, country, now AS
Miami WFBA-990 is new, SS EZL
Orlando WZKD-950 was R. Aahs, now urban AC//WCFB (will become new format in March)
MD. Towson WKDB-1570 was R. Aahs, now variety (for sale, to become new format when sale over)
MN. Ortonville KDIO-1350 was AC, now ABC Real country
MO. Chillicothe KCHI-1010 was oldies//FM, adds ABC oldies//FM
Springfield KIDS-1340 was travel info, reported silent
St. Louis KKWK-1380 was WKBQ, country//WKKX, now talk
OH. Toledo WLQR-1470 was R&B oldies, now 1 on 1/ESPN sports
OK. Duncan KKEN-1350 was KRHD, nx/talk, now sports//KXCA
Lawton KXCA-1380 was KSWO, talk//KRHD, now 1on1/ESPN spt
TX. Creedmore KNEZ-1530 was news, now tejano//KIKY
UT. Ogden KYFO-1490 was BEN rel//FM, now RRB SS religion
WV. Wheeling WOHZ-1600 was R. Aahs, reported silent (to be new format soon)
WI. Eau Claire WEIO-1050 was R. Aahs, now classic rock//WISM-FM

Larry Godwin of Missoula, MT. (along with several other DX'ers) pass on the following info:

WA. Renton KRIZ-1620 new X-band station on air, first noted 2/13/98, ID for KRIZ-1420 and KZIZ-1560 but no ID for 1620.

Pat Martin of Seaside, OR. passes on the following:

NY. New York City 1700 khz. JFK airport station noted w/parking info.

Dennis Gibson of Goleta, CA. confirms earlier info on KLDZ-1340 CA. Per Dennis, they changed call letters on 2/10/98. They will become "All Sports AM 1340" on February 27, reporting the change on the air!

Eric Buehnenman of Hazelwood, MO. confirms earlier info on KKWK-1380 MO. Per Eric, format came on air at 5 AM, CST on President's Day.

Not a bad column, it's still raining here! Hope Spring is around the corner soon, I'm tired of using my canoe to get to my house, hi. 73's.

DEADLINES: 2nd & 4th Saturdays.

Compiled:03/01/98

Much of this information is compiled from M Street Journal, DXM, and various other sources.

NEW STATION GRANTS:

TX. Brownsville 1700 khz. 10000/1000 ND
UT. Brigham City 1660 khz. 10000/1000 ND

CONSTRUCTION PERMIT ACTIVITY:

MI. Ypsilantiu WWCN-990 inc. to 9200-D, DA-2
MS. Louisville WLSM-1270 dec. to 2700-D, ND
TN. Franklin WAKM-950 inc. to 2500 w. ND
AB. Canmore CFHC-1450 moves to 106.5 FM

FACILITY & PARAMETER APPLICATIONS:

PA. Doylestown WBUX-1570 dec. to 900-N, DA-2 (CP)

FACILITY & PARAMETER GRANTS:

HI. Hilo KIPA-620 dec. to 5000/5000 ND (exp. sync xmtr)
NY. Mineola WTHE-1520 inc. to 347-CH, ND-D
New City WRKL-910 inc. to 800-N, DA-2
NB. Edmunston CJEM-570 move to 92.7 FM

CALL LETTER CHANGES:

CA. Auburn new-1620 becomes KSMH
Thousand Palms KNWZ-1270 becomes KXPS
KPSL-1010 becomes KNWZ
DE. Georgetown WSSR-900 becomes WJWL
FL. Marco Island new-1620 becomes WMIB
MO. St. Louis WKBQ-1380 becomes KKWK "KWK"
NE. Hastings KICS-1550 becomes KMEM
ND. West Fargo new-1660 becomes KQJD
OR. Portland KKEY-1150 requests KKG "Great Talk"
PA. McKeesport WIXZ-1460 becomes WPTT "Pittsburgh"
TX. Dallas KMRT-1480 becomes KDXX
UT. Salt Lake City KISN-570 becomes KNRS "K-News"
VA. Colonial Heights WZOD-1290 requests WDZY "Radio Disney"
Portsmouth WAWT-1650 becomes WKJS (CP)

FORMAT CHANGES (SECTION 1):

AK. Anchorage KASH-1080 was country//KASH-FM, now class//KLEF
Long Island KABN-840 was class//KLEF, rptd. silent
AR. Cabot KBEL-1350 was sports, rptd. silent
CA. Beverly Hills KGIL-1260 was musicals, adds JRN stds. (musicals
7-9 AM, 5-7 PM and w/e's)
Costa Mesa KGXL-1650 was musicals//KGIL, adds JRN stds.

FORMAT CHANGES (SECTION 1) (CONT.):

HI. Kealekakua	KKON-790	was adult alt//KAOI, now oldies//KAOE
ID. Pocatello	KSEI-930	was talk, adds 1 on 1 sports
MA. Gardner	WGAW-1340	was AS, now AC//WEIM
NM. Alamogordo	KINN-1270	was AC, now talk
NC. Hendersonville	WHKP-1450	was oldies, talk, now JRN stds., talk
ND. Dickinson	KLTC-1460	was country, now classic country
OH. Marietta	WYLI-910	was CHR, rptd. silent
OK. Guthrie	KOKC-1490	was country, rptd. silent
Holdenville	KTLS-1370	was ABC oldies, now ABC country
PA. Olyphant	WMGH-750	was AS, rptd. silent
PR. Guayama	WXRF-1590	was SS hits//WMEG, now tropical
SC. Myrtle Beach	WKZQ-1450	was rock//FM, adds sports 12n-6AM
TN. Dayton	WDNT-1280	was country//FM, adds JRN C&N//FM
Waverly	WPHC-1060	was AS, now s. gospel//WOSE
TX. Corpus Christi	KCCT-1150	was SS rel, now sports "The Zone"
Livingston	KETX-1440	was country, talk//FM, now JRN AS
Paris	KGDD-1250	was sports, adds Toni Grant talk
VT. Montpelier	WSKI-1240	was oldies, adds WWI oldies
VA. Norfolk	WTAP-850	was talk, sports, adds WWI Imus
WA. Tacoma	KZTS-1360	was JRN reg. Mex, now JRN SS AC
WV. Elkins	WDNE-1240	was country//FM, adds talk 5:30 AM-noon
PQ. Montreal	new-940	is new, CBC-1 variety//CBM (this station which requests CBME-FM, will replace CBM by September)

FORMAT CHANGES (SECTION 2):

AL. Dadeville	WDLK-1450	was silent, to be talk//WIQR (WDLK will sim except 11AM-2PM when airs Rush)
Prattville	WIQR-1410	was silent, to be talk
AZ. Phoenix	KIDR-740	was variety, adds dance nights
CA. Barstow	KIQQ-1310	was silent, now WWI AS
Fort Bragg	KDAC-1230	was nx, talk, now nx/talk//KUKI
Orange	KPLS-830	was variety, adds dance nights
CO. Denver	KKYD-1340	was variety, adds dance nights
CT. Brookfield	WTNE-940	was nx/talk//WSTC, now country
DE. Dover	WQVL-1600	was AC, now oldies, talk (to change for- mats in April)
Georgetown	WJWL-900	was WSSR, nx, talk, now ABC AS
FL. Jacksonville	WOBS-1530	was silent, now Reach s. gospel
GA. Toccoa	WLET-1420	was talk, add s. gospel 6-10 AM
IL. Centralia	WILY-1210	was nx, farm, now WWI oldies
Sandwich	WAUR-930	was variety, adds dance nights
IA. Webster City	KQWC-1570	was talk, adds Toni Grant
KS. Mission	KCAZ-1480	was variety, adds dance nights
MA. Everett	WXKS-1430	was AS, adds Bloomberg nx (5-10 AM)
MI. Livonia	WCAR-1090	was variety, adds dance nights
MN. Minneapolis	WWTC-1280	was variety, adds dance nights
NY. Brewster	WPUT-1510	was country, now country//WINE
PA. Chester	WPWA-1590	was variety, adds dance nights
TX. Coleman	KSTA-1000	was oldies, now classic country
Dallas	KDXX-1480	was SS AC, now SS CHR
Fort Worth	KAHZ-1360	was variety, adds dance nights
VA. Chesapeake	WCPK-1600	was nx, now religion
Colonial Heights	WZOD-1290	was oldies, now R. Disney
WA. Renton	KYIZ-1620	is new, urban AC//KRIZ-1420
AB. Banff	CFHC1-1340	was oldies//CFHC, rptd. silent (move of CFHC-1450 to FM eliminates need f/CFHC1)

Dale Park of Honolulu, HI. passes on the following:

HI. Wailuku	KMVI-550	was sat. AS, now sat. oldies "Crusin' 55", adds ABC-D news
Honolulu	KHNR-650	is nx, adds CNN Radio
Hilo	KPUA-670	was talk, sports, now nx, talk plus Xtian pgming Sun. nights, drops 1 on 1

sports, adds CNN Headline nx
Honolulu KGU-760 was nx, talk, now all sports, adds ESPN Radio
Hilo KHLO-850 was silent, now sat. oldies "Cruisin' 8-5-Oh"
Kahului KNUI-900 is AC, oldies, Hawaiian, adds CNN nx
Honolulu KIKI-990 was UC//FM, now sat. C&W "HI's country"
KISA-1540 was silent, now talk, sometimes //KWAI-1080, adds Roy Masters, Don & Mike, Bruce Williams
Ha'iku KUAU-1570 is EZL, Hawaiian, talk, adds Bruce Williams, Mike Regan

Dale also confirms earlier info on KKON-790 Kealekakua.

Tim Hall of Chula Vista, CA.

CA. Los Angeles KXTA-1150 power inc. to 50000/47000 tent. sched. for 2/27/98.

Nigel Pimblett of Alberta passes on the following:

AB. Medicine Hat CJCY-1390 will move to FM by fall 1998.

Tim Hall also passes on the following:

CA. San Diego KSON-1240 now Radio Disney children's format

Pat Martin of Seaside, OR. passes on the following:

OR. Seaside KSWB-840 now AS//KSHO-920 OR., "Good times, Great Memories" slogan

Rich Toebe of Fairfield, CA. passes on the following:

WA. Renton KYIZ-1520 using these calls on EB station

Eric Buehneman of St. Louis, MO. passes on the following:

MO. St. Louis KKWK-1380 address is: KKWK Radio, 5261 Delmar Blvd., St. Louis, MO. 63108

Dennis Gibson of Goleta, CA. passes on the following tips:

CA. Morro Bay KBAI-1150 noted silent, will likely not return to air, first noted off 2/23, probably due to KKTA-1150 Los Angeles pwr increase to 50000/47000, KBAI no longer needed.

CA. Santa Barbara KLDZ-1340 will become "All Sports 1340 AM" on 2/27, had announced format change on the air before it happened!

A fairly long column, lots of DX'ers contributed this time! Well, I just bought myself a Hammarlund HQ-180A, my dream rx, from a DX'er in Colorado, it will be here Tuesday or Wed. via UPS! I can't wait, maybe I'll start hearing something real exotic, like San Jose, hi. It finally stopped raining around here for a change, I forgot what the sun looked liked! Spring is just around the corner! 73's.

IRCA Stationery

Red and black masthead with the IRCA logo and name. Great for using when writing for verifications. 100 sheets, \$5.00.

Order from the IRCA Bookstore, by sending \$5.00 (in US funds) to:

IRCA Bookstore, 9705 Mary N.W., Seattle, WA 98117-2334. Thank you!

IRCA Technical Column

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

(the article below is one of the many new items which will be appearing in the upcoming third edition of A DXer's Technical Guide)

Frequency Selective Voltmeters and their Uses in the Radio Hobby

by Don Moman

A Frequency Selective Voltmeter (hereafter abbreviated "FSVM") isn't a familiar term among most radio hobbyists. (They may also be referred to as Wave Analyzers by certain manufacturers; related to the family of Electromagnetic Interference or EMI Receivers) But when you think about the individual words, the FSVM really is a tunable radio receiver (the frequency selective part) with an accurate "S" meter (the voltmeter part). Like radio receivers, they come in many variations. Some are poorly suited for our purpose in that they do not easily allow one to listen to the signal we are measuring. Some others are very well suited and it's primarily those units we are interested in.

With the telecommunications industry doing more fiber and digital, the need for these type of analog measurements is greatly reduced and I think we will see a lot more of these kind of units being declared surplus and offered to the hobbyists (eventually) at a good deal.

Some useful information on various models will be included at the end of this article, but there is considerably more information out there on the various models. Some places to look - catalogs from the major test equipment manufacturers give complete details and specs. Test equipment suppliers often have catalogs as well, many of which can be found on-line if you have internet capability. The Tucker Electronics homepage has a most informative section on FSVMs.

Who makes FSVMs?

Don't look for the familiar names in amateur radio here like ICOM, Kenwood or Yaesu. Instead, it's the big players in the test equipment world like Hewlett Packard, Tektronix, Sierra, Cushman, Seimens, Wandel and Goltermann, Rhode & Schwartz, Telefunken and others. Even though you may find this equipment as surplus at low prices, you should never use the word "cheap" around this type of equipment. All the units I've seen are extremely well made, using high quality components and construction, and designed to exacting specifications. This article will try to offer a few tips as to which units are desirable, and give the user some basic knowledge to make a decision if one shows up at a surplus shop or ham fleamarket.

What's in an average FSVM?

The FSVM is designed to measure the voltage level of various signals, usually in a telecommunications type environment. To this end, there is a large meter to display the voltage level (usually in dBm, which can be related back to our more familiar μ V and "S" meter readings). Later models will have more digital features and can often display readings in various formats. There needs to be a way to adjust the sensitivity of the meter, and this is done with a series of accurate attenuators. Some units will measure with a full scale sensitivity of -100 or -110 dBm, which is very good and easily the equal of the best communications receiver. Check the most sensitive position - if it's only -70 or -80 dBm it may not be that desirable for our use.

There also must be some way to set the frequency. Accuracy is crucial and even the older models have quite accurate dials, sometimes with crystal calibrators and the like. Many models use a series of rotary switches to set each digit of the frequency. Precise but not very handy to tune

through the band! Some models have a PLL system that lets you set the main tuning to the nearest megahertz or 100 kHz and then tune through the band segments, much like the Racal RA17 and other similar early PLL designs. Newer models with digital readouts often display the frequency to 10 Hz or even greater resolution. Later sets will have computer control, keypad entry, scanning, memories and even spectrum analysis capability and a price tag to match.

The frequency coverage is obviously important. Most will measure down to a few kilohertz, but the upper end is more of a concern. Nearly all that I have seen cover at least through the medium wave band, and many go up to 6, 18 or 32 megahertz. A variety of inputs is provided, but one isn't likely to find a socket to fit the familiar PL259 coax connector. N, BNC or other connectors are more common. A variety of input impedances are provided, usually 50 or 75, 124 and 600 ohms. The higher impedances usually function only over a portion of a unit's coverage, so the lowest impedance input is the important one.

Front end RF filtering or selectivity is not generally used, presumably since it would compromise the final accuracy because of the difficulty in keeping filter passband variations within a fraction of a dB. Although the front end has good resistance to strong signals, it still can overload and produce spurious responses. Some models have a warning light to indicate such overload, in which case you just adjust the attenuator control until the light goes out. A preselector or some form of RF selectivity would be desirable in very strong signal situations. A tuned loop would work very well. Even without any help in the front end, I've found most behave as equal to or better than decent HF communications receivers.

IF selectivity is provided, but one must check the available bandwidths carefully. Most of the units I've seen provide several narrow filters, like 100 or 400 Hertz, plus something in the 1-3 kHz range. Most have an USB/LSB mode function, often labeled with a sloping left or right facing triangle, to indicate which sideband is being tuned. With the narrow filtering, these units make good CW receivers. If you are into beacon DX on longwave, then FSVMs are easily able to tune between the various carrier and audio tones. For medium wave, they can be useful for measuring split frequencies and for early detection of carriers way before they are strong enough to produce audio. Speaking of audio - nearly all units have an audio output but it may not be labelled as such. Many of the units I am familiar with have a built in monitor speaker with a headphone jack and volume control. If you don't see such features, look on the rear panel. There are usually a variety of inputs and outputs - audio can be lurking at one or more of these. A "Recorder" output is usually demodulated audio; it will be referring to a chart recorder, not a tape recorder, but just hook up an external audio amp and you will have plenty of audio.

One drawback is lack of automatic gain control (AGC). I mentioned earlier that the input level is adjusted (usually manually) with an attenuator. Most serious communications sets have the ability to turn the AGC off, important in some situations, but most of the time it's nice to have the AGC on, to regulate the audio level when tuning from weak to strong signals and back. In addition to the manual level adjustments, one of the units (HP 3586) has a "quasi AGC" mode in which it can switch in 5 dB attenuators as needed. This makes for rather choppy audio levels as the signal fades. Still, for serious DXing this isn't a handicap we can't learn to live with. Since the FSVMs contain nearly all the components that are important in a high performance receiver, it would be an obvious starting point for one desiring to build their own receiver, but not wanting to do everything right from scratch. Add your own custom IF and audio stages, with AGC, and you could come up with very good receiver performance at a minimal cost.

Other uses: Most of the units I've used make good to excellent long and mediumwave receivers, and those that cover the HF bands do an excellent job there. I'm not sure one would be my first choice as a main receiver but they can be a real asset in many situations. If the tuning scheme is cumbersome with rotary or decade thumbwheels to set the frequency, then they are well suited to monitoring a certain frequency of interest. Some of the more modern units, such as the HP models, have the GPIB feature which will allow computer control.

At this location (near Edmonton, Alberta) DXing the MW band for European signals consists of many nights where hets are audible, a few nights where the strong signals produce

audio, and perhaps one or two magic evenings when audio is everywhere. I use one of these FSVMs (Seimens D2007, see descriptions below) to monitor one of the more consistent split frequencies and keep checking the signal strength. The signal meter is analogue and large (4" across), making it very useful to keep an "eye" on a certain frequency. I just set mine to the 80 hz BW, tune to a split MW frequency and check the carrier strength as it fades up and down. With the 80 hz filter, the effect of random splatter from adjacent channels is reduced, so you can still detect the carrier, kind of a "distant early warning" system for DX. After a little practice, you can develop a good feel for the state of the band by watching the carrier and how it fades. With the narrow filter, two or more carriers on the same channel can easily be detected by the sub audible heterodyning of the carrier frequencies (SAH).

Because they incorporate such an accurate RF voltmeter, they can be put to good use around the technical side of the DX workbench. Even if the absolute accuracy of the unit is in doubt (it may not have seen a calibration lab for many years) the relative accuracy is almost certain to still be very good and thus it can be very handy for checking loss through an antenna switch or coaxial cable, gain through an amplifier, or RF and IF filter response. Accuracy to 0.1 dB is common and several units display readings down to 0.01 dB. Because of the high quality of construction, FSVMs stay accurate unless they have been abused or "tweaked". On a variety of units that I have, all measured the same signal source and agreed to within a fraction of a dB. If you are measuring in a 50 ohm world, and your FSVM has only a 75 ohm input, you will have to take that into account for absolute measurements, but for most practical hobby use, this is of little concern.

Many FSVMs make an accurate frequency counter within their tuning range and may offer several degrees of accuracy higher than your main HF receiver. The HP 3586 displays frequency to 0.1 Hz! Some have an output on the rear panel that can be used as a signal generator, actually called a tracking generator, since it follows or tracks the frequency as the receiver unit is tuned. If this output is coupled back to the input through whatever circuit (filter, amplifier, switch etc.) you are testing, you can manually sweep the frequency and get an accurate response for the device you are testing. Great for sweeping unknown or verifying various crystal or ceramic IF filters, for example. Older units often had this generator as a separate unit, with the capability to hook the two units together to achieve the tracking function.

Availability and Desirability of Various Models: Other than some of the HP models (info was derived from HP catalogues for the 302, 310, 312 and 3581) all my comments come from "hands on" use and are my opinions based on that use. The units are all used sets, often well used, but the comments relating to their performance are based on sets that I believe to be functioning properly. Manuals are scarce so the majority of operating functions described are from what I could discern from the labeled controls and jacks. I may be doing some of the more modern sets (especially the HP 3745 and 3586) an injustice by not knowing what other features might be available. As indicated, some units have a battery option, making them at least portable although far from shirt pocket size.

Hewlett Packard

- **302A** upper frequency range is 50 kHz, not of much use as a receiver.
- **310A** 1 kHz to 1500 kHz, odometer style readout, IF BW of 0.2, 1.0 and 3.0 kHz. 10 μ V full scale and 75 dB dynamic range. AM/SSB demodulation capability. \$2000 in 1964
- **312A** covers up to 17 MHz, Nixie tube readout. Otherwise similar to the 310A. ~\$4000 in 1967.
- **3590A** up to 620 kHz, sweep capability. 3 μ V full scale sensitivity, IF BW of 0.01, 0.1, 1.0 and 3.0 kHz. ~\$5000 in 1968.
- **3581** only up to 50 kHz. Modern but not useful as a receiver. ~\$11,000 in 1989.
- **3586** 50 Hz to 32.5 MHz, LED readout to 0.1 Hz, IF BW of 0.02, 0.4 and 3.1 kHz. +20 to -130 dBm autoranging sensitivity, USB/LSB capability with internal speaker/volume control.

Tuning knob or direct keypad entry. Has a mode that actually measures the carrier frequency - to xx xxx.xxx x kHz. ~\$17,000 in 1989. Built in tracking generator. Many features and measurement options - HIGHLY desirable as a receiver. I have a couple of these, one for the test bench and one at the listening position.

- **3745/3746** 50 Hz to 32.5 MHz with sweeping function, X&Y outputs - for use as a spectrum display unit. I have a couple of these and while they do a neat job as a spectrum display, it doesn't seem to make too good a receiver. The 3746 was ~\$20,000 in the 1989 catalogue - the description seems to be very similar to the 3745 that I have.

Seimens

- **D364** 200 Hz to 1.6 MHz, film frequency display to 5 kHz resolution. Good for a field strength meter, but limited usefulness for MW DX, bandwidth variable from 80 Hz to 3.0 kHz. Audio indirectly available at recorder output. Portable with battery and AC built in.
- **D2007** 6 kHz to 18.6 MHz, PLL at 100 kHz steps, 0-100 kHz dial or continuously variable (no PLL). Battery option. IF BW of 0.08, 1.74 and 6.0 kHz. USB/LSB selection with internal speaker/volume control. Excellent sensitivity, good filter bandwidths and a nice tuning dial make this one of my favorites. The signal meter is analog and large (4" across), making it very useful to keep an eye on a certain frequency. I just set mine to the 80 Hz BW, tune to a split MW frequency and check the carrier strength as it fades up and down. W2007 is the companion signal generator unit.
- **D2008** a modern digital readout version of the 2007 (display to 10 Hz above 1 MHz, 1 Hz below) -110 dBm full scale sensitivity, 0.02 and 1.74 kHz filters. AFC, USB/LSB with volume/built in speaker.

Wandell & Goltermann

- **ATS 463** mechanical digital readout to 6 MHz. Accessory unit provides SSB audio and speaker.
- **ATS 611** 6 kHz to 18.6 MHz. Digital readout to 10 Hz. IF BW of 0.024, 0.400 and 1.740 kHz. USB/LSB demod output (BFO offset of either 1.0 or 2.0 kHz) with sync capability. 600 ohm audio out (OK for headphone). ATS 610 is the "transmitter" (i.e. signal generator) companion.

Cushman

- iCE-21 individual digits selectable to 19.999 MHz. IF BW of .2 or 2.3 kHz with AM/USB/LSB capability and built in speaker. Looks like it should be a nice unit but mine is inoperative, so I can't comment further.

* * * * *

Ten_Tec has recently announced the model 1254 receiver kit. It is a dual-conversion superhet with a digital display and 15 memories, and requires 13.8 volts DC for operation. (an AC power supply is included). At a price of \$195, it is probably not in the R-8B or AR-7030 class, but it might provide a basis for further experimentation. Anybody know more than is found on their Website at www.tentec.com? Phone (423) 453-7172 for a catalog or (800) 833-7373 to order. The mailing address is T-Kit, TEN-TEC, Inc., 1185 Dolly Parton Pkwy., Sevierville, TN 37862.

IRCA Reprints

The IRCA maintains a large file of articles which have appeared in past issues of DX Monitor. These articles cover a wide variety of topics, including: antenna theory and construction, tips for the foreign BCB DXer, how to improve your DXing skills, history of DXing and broadcasting, lists of stations by subject, construction projects and receiver modification, receiver reviews, medium wave propagation, and more. Copies are available for a nominal charge. For a list of reprints, send \$1.00 to:

**IRCA Reprints, c/o Steve Ratzlaff, 1885 E Bayshore Rd Sp 90,
E Palo Alto CA 94303.**

THE IRCA COUNTRIES LIST

Compiled by Bruce Portzer

Here is the latest version of the IRCA Countries List. This list was originally developed in the 1960's as a guide for club members in their quest for foreign medium wave targets. It has been updated periodically since then. The last time was about three years ago, so I figured we were about due for a new one.

The list is organized into three sections: active, inactive, and deleted. For each country, I've listed its continent in brackets, and noted any former or alternative names. Any date restrictions are also noted (such as when the country was formed or ceased to exist). There are also a few instances where I've provided clarifying comments on some of the more obscure countries. Changes since the previous list are in italics.

What constitutes a medium wave DX country? Basically it needs to fall into one of the following categories: 1) an independent country, such as Canada, 2) a portion of a country separated from the rest of the country by at least 225 miles, such as Alaska, 3) a colony, protectorate, territory, etc, such as Gibraltar or Guam, 4) a region, such as Antarctica, which is under international or other special administration. The criteria is similar to that used by the ARRL for hams, but includes some areas such as international waters which the ARRL does not recognize. In addition, the IRCA list only includes countries which either have the population (permanent or temporary) to justify a broadcasting station (AM FM or SW), or which have current or past MW activity. As a result, it doesn't include many of the small islands etc that appear on the ARRL list.

During the last few years, there has been a trend for some countries to cut back MW activity. Austria, dropped all MW activity for over a year but returned the 1476 outlet to the air a few months ago. Some other major European now only have one or two MW stations, which may some day be deactivated.

Any comments or questions on the list should be addressed to Bruce Portzer, 6546 19th Avenue NE, Seattle, WA 98115, or bpportzer@brigadoon.com.

ACTIVE COUNTRIES

The following countries currently have active medium wave broadcast stations:

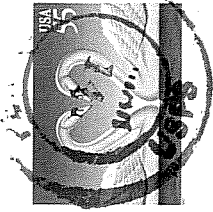
Afghanistan [AS]
Alaska [NA]
Albania [EU]
Algeria [AF]
Andaman & Nicobar Isl (part of India) [AS]
Angola [AF]
Anguilla [NA]
Antigua & Barbuda [NA]
Argentina [SA]
Armenia [AS]
Aruba [SA] - receptions before 1-1-86 count as Neth Antilles
Ascension Island [AF]
Australia [OC]
Austria [EU]
Azerbaijan [AS]
Azores [EU]
Bahamas [NA]
Bahrain [AS]
Balearic Islands (part of Spain) [EU] -includes Majorca
Bangladesh (formerly E Pakistan) [AS]
Barbados [NA]
Belarus (formerly Byelorussia) [EU]
Belau (aka Palau, formerly W. Caroline Islands) [OC]
Belgium [EU]
Belize (formerly Br Honduras) [NA]
Benin (formerly Dahomey) [AF] - after 8-1-60
Bermuda [NA]
Bolivia [SA]
Bosnia-Herzegovina [EU] - receptions before 10-15-91 count as Yugoslavia
Botswana (formerly Bechuanaland) [AF]
Brazil [SA]
British Virgin Islands [NA]
Brunei Darussalam [AS]
Bulgaria [EU]
Burkina Faso (formerly Upper Volta) [AF] - after 8-5-60
Cambodia (formerly Kampuchea) [AS]
Cameroon [AF]
Canada [NA]
Canary Islands [AF]
Cayman Islands [NA]
Central African Republic [AF] - after 8-13-60
Ceuta (part of Spain, located in Morocco) [AF]
Chad [AF]
Chagos Islands (includes Diego Garcia, aka British Indian Ocean Territory) [AF]

China [AS]
Christmas Island (located in Indian Ocean) [OC]
Cocos-Keeling Islands [OC]
Colombia [SA]
Comoros [AF]
Congo [AF] - after 8-15-60
Cook Islands [OC] - The North Cook islands
are far enough from South Cooks to qualify
as a separate country, but there are no
known stations there
Corsica [EU]
Costa Rica [NA]
Crete (part of Greece) [EU]
Croatia [EU] - after 6-26-91
Cuba [NA]
Cyprus [AS]
Cyprus, Turkish Federated State [AS] - the
portion of northern Cyprus occupied by
Turkey
Czech Republic [EU] - after 1-1-93, earlier
loggings count as Czechoslovakia
Denmark [EU]
Djibouti (formerly French Somaliland, Afar &
Issas) [AF]
Dodecanese Isl (part of Greece, includes
Rhodes) [EU]
Dominica [NA]
Dominican Republic [NA]
Easter Island [OC]
Ecuador [SA]
Egypt [AF]
El Salvador [NA]
England [EU]
Eritrea [AF] - became part of Ethiopia 11-14-62,
then gained independence 9-15-93
Estonia [EU]
Ethiopia [AF]
Falkland Islands (aka *Islas Malvinas*) [SA]
Faroe Islands [EU]
Fiji [OC]
Finland [EU]
France [EU]
French Guiana [SA]
French Polynesia (aka Society Islands,
includes Tahiti) [OC]
Gabon [AF] - after 8-17-60
Galapagos Islands (part of Ecuador) [SA]
Gambia, The [AF]
Georgia [AS]
Germany [EU]
Gibraltar [EU]
Greece [EU]
Greenland (aka *Kalaallit Nunaata*) [NA]
Grenada [NA]
Guadeloupe [NA]
Guam [OC]
Guantanamo Bay Naval Base [NA]
Guatemala [NA]
Guernsey (part of UK) [EU]
Guinea [AF]

Guinea-Bissau (ex- Portuguese Guinea) [AF]
Guyana (formerly Br Guiana) [SA]
Haiti [NA]
Hawaii [OC]
Honduras [NA]
Hungary [EU]
Iceland [EU]
India [AS]
Indonesia [AS]
International Waters [OC] - *mainly stations on
board ships; the only known current
operation is off the coast of Israel.
Prominent stations in the past have operated
near Western Europe (many), New Zealand
(Radio Hauraki, late 1960's) and NE US
(Radio Newyork International, late 1980's)*
Iran [AS]
Iraq [AS]
Ireland [EU]
Isle of Man (part of UK) [EU]
Israel [AS]
Italy [EU]
Ivory Coast (*Côte d'Ivoire*) [AF] - after 8-7-60
Jamaica [NA]
Japan [AS]
Jersey (Part of UK) [EU]
Jordan [AS]
Kaliningrad (noncontiguous part of Russia) [EU]
Kazakhstan [AS]
Kenya [AF]
Kiribati (formerly Gilbert Isl) [OC]
Korea, North (DPRK) [AS] - *loggings from
before the Korean War in the early 1950s
probably count as S Korea.*
Korea, South (ROK) [AS]
Kuwait [AS]
Kyrgyzstan (formerly Kirghiz SSR, Kirgizia) [AS]
Laos [AS]
Latvia [EU]
Lebanon [AS]
Lesotho (formerly Basutoland) [AF]
Libya [AF]
Lithuania [EU]
Luxembourg [EU]
Macedonia [EU] - after 9-8-91
Madagascar (aka Malagasy Rep) [AF]
Madeira Islands [AF]
Malawi (formerly Nyassaland) [AF]
Malaysia, East [AS] - after 9-16-63, consists of
Sabah & Sarawak
Malaysia, West [AS] - after 9-16-63, consists of
peninsular Malaysia
Maldives [AS]
Mali [AF] - after 6-20-60
Malta [EU]
Mariana Islands (aka N Mariana Is) [OC]
Marshall Islands [OC]
Martinique [NA]
Mauritania [AF] - after 6-20-60
Mauritius [AF]

Mayotte (aka Mahore) [AF]
Melilla (part of Spain, located in Morocco) [AF]
- See Morocco listing in WRTH
Mexico [NA]
Micronesia (aka E. Caroline Is) [OC]
Moldova (formerly Moldavia) [EU]
Monaco [EU]
Mongolia [AS]
Montserrat [NA] - *Most of the island's population has been evacuated due to a volcanic eruption, status of its radio stns is unknown*
Morocco [AF]
Mozambique [AF]
Myanmar (formerly Burma) [AS]
Namibia (formerly SW Africa) [AF]
Nauru [OC]
Nepal [AS]
Neth. Antilles [SA] - includes Bonaire & Curacao
Netherlands [EU]
New Caledonia [OC]
New Zealand [OC]
Nicaragua [NA]
Niger [AF] - after 8-3-60
Nigeria [AF]
Niue [OC]
Norfolk Island [OC]
Northern Ireland (part of UK) [EU]
Norway [EU]
Oman [AS] - includes Masirah Is
Pakistan (formerly W Pakistan) [AS]
Panama [NA]
Papua New Guinea [OC]
Paraguay [SA]
Peru [SA]
Philippines [AS]
Poland [EU]
Portugal [EU]
Puerto Rico [NA]
Qatar [AS]
Reunion [AF]
Romania [EU]
Russia, Asiatic [AS]
Russia, European [EU]
Saharan Arab Republic (aka Western Sahara) (formerly Spanish Sahara. Rio de Oro) [AF]
Samoa, American [OC]
Samoa, Western [OC]
San Andres & Providencia (part of Colombia) [NA]
Sao Tome & Principe [AF]
Sardinia (part of Italy) [EU]
Saudi Arabia [AS]
Scotland [EU]
Senegal [AF] - after 6-20-60
Seychelles [AF]
Sierra Leone [AF]
Slovakia (aka Slovak Republic) [EU] - after 1-1-93, *earlier loggings count as Czechoslovakia*

Slovenia [EU] - after 6-26-91, *earlier loggings count as Yugoslavia*
Solomon Islands [OC]
South Africa [AF] - including the homeland republics
Spain [EU]
Shri Lanka (formerly Sri Lanka, Ceylon) [AS]
St. Helena [AF]
St. Kitts & Nevis [NA]
St. Lucia [NA]
St. Pierre & Miquelon [NA]
St. Vincent & the Grenadines [NA]
Sint Maarten, Saba, & St Eustasius [NA]
Sudan [AF]
Suriname (formerly Dutch Guiana) [SA]
Svalbard (Spitzbergen) [EU]
Swaziland [AF]
Sweden [EU]
Switzerland [EU]
Syria [AS]
Taiwan (Republic of China) [AS] - includes Quemoy & Matsu
Tajikistan [AS]
Tanzania (formerly Tanganyika) [AF]
Thailand (aka Siam) [AS]
Togo [AF]
Tonga [OC]
Trinidad & Tobago [SA]
Tunisia [AF]
Turkey [AS]
Turkmenistan (formerly Turkmen SSR) [AS]
Turks & Caicos Islands [NA]
Tuvalu (formerly Ellice Is) [OC] - after 1-1-76
Uganda [AF]
Ukraine [EU]
United Arab Emirates [AS]
United States of America [NA]
Uruguay [SA]
Uzbekistan (formerly Uzbek SSR) [AS]
Vanuatu (formerly New Hebrides) [OC]
Vatican [EU]
Venezuela [SA]
Vietnam [AS] - *includes pre-unification receptions of North Vietnam*
Virgin Islands (US) [NA]
Wake Island [OC]
Wales [EU]
Wallis & Futuna Islands [OC]
Yemen [AS] - after 6-22-90, formed when Yemen Arab Rep merged with People's Dem Rep of Yemen
Yugoslavia [EU] - *includes Serbia & Montenegro, plus pre-1993 loggings of other Slavic states*
Zaire (formerly Belgian Congo) [AF]
Zambia (formerly Northern Rhodesia) [AF]



FIRST CLASS MAIL

36-04
LEE FRESHWATER
414 SE 3rd ST
OCALA FL 34471
USA

**THE INTERNATIONAL RADIO CLUB OF AMERICA (IRCA)
PO Box 1831 Perris CA 92572-1831**

The IRCA is a non-profit organization devoted to the hobby of hearing distant stations on the AM Broadcast Band (510 - 1720 kHz). **DX Monitor**, the official publication of the IRCA, is published 30 times a year, weekly from October to February, twice in September and March, and monthly from April 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.

CLUB ADDRESSES AND OFFICERS

President: Phil Bytheway, 9705 Mary NW, Seattle WA 98117-2334 (425) 356-3927 W (proposals), email: philip_bytheway@mukilteo.hac.com

Secretary-Treasurer: Ralph Sanserino

Board of Directors: Lee Freshwater, Larry Godwin (chairman), Nick Hall-Patch, Michael S Hardester, John C Johnson, Nancy Johnson, and Patrick Martin.

Editor-in-Chief/Publisher: Ralph Sanserino, PO Box 1831, Perris CA 92572-1831. (dues/address changes), email: sanser@pe.net

Publishing Coordinator: Phil Bytheway, 9705 Mary NW, Seattle, WA 98117-2334

MEMBERSHIP DUES

U.S. - \$25.00 per year. Canada - \$27.00. Overseas Surface - \$28.50. Overseas Airmail - \$35.00 (Central America, Caribbean, Colombia and Venezuela), \$38.00 - (Europe, North Africa, Middle East), \$41.00 (rest of the world). Trial Membership - \$9.50 (10 issues of **DX Monitor** and a New Member Packet, U.S. / Canada / Mexico only). Installment rate: two payments of ½ dues plus \$1.00 (\$13.50/payment for U.S. members). Make checks and money orders payable to IRCA and send all dues (and address changes) to: IRCA, PO Box 1831, Perris, CA 92572-1831. Persons living outside the U.S., please use International Money Order in U.S. funds. Sample copies of **DX Monitor** are 32¢ (50¢ to Canada) or two International Reply Coupons each and are available from: IRCA, PO Box 1831, Perris CA 92572-1831.

Unless otherwise noted, permission is granted to publish, broadcast, or otherwise reproduce non-copyrighted material appearing in **DX Monitor** provided credit is given to the IRCA and the original contributor. Opinions in **DX Monitor** are those of the original contributors and do not necessarily reflect those of the IRCA, its publishing staff, editors or officers.