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Publisher's Notes

Barry Davies in the UK relays news from Bernt Erfjord, DX Listeners Club of Norway, sent via the British DX Club (BDXC-UK) and Medium Wave Circle that Norway's state broadcaster NRK has decided to slash expenditures drastically. Among the casualties is the 1200 kW transmitter at Kvitsoy Island on 1314 kHz. Intent is to shut it down at year end, although contracts with Norkring, operator of the transmitter, and Radio Denmark means there may still be some transmissions.

I was recently at the International Auto Show at Moscone Center in San Francisco, and XM Satellite Radio had a booth set up so people could sample their wares and sign up. The sound quality is impressive, but as a DXer you don't get the feel of connection with a far away place listening to streaming audio like when you have a fadey, staticky signal from 3000 miles away. You can feel the distance, the effort of the waves travelling to your radio. There's skill and chance involved in hearing that elusive DX. I think that's why I've always enjoyed DXing the AM broadcast band.

Lee Freshwater e-mailed the news that a motherboard failure means no Broadcasting Information or Eastern DX Roundup columns this week. We'll be back to normal next issue.

[IRCA] is moving!

No, not me, I'm staying put, but the e-mail group moderated by Lynn Hollerman is. Because of difficulties with Yahoolgroups, ex- eGroups, the e-mail based listserv is moving to Topica, effective December 15. By subscribing to [IRCA] at Topica, you become part of a select group that receives e-mails related to the club, advance notification of DX tests, chat between group members, and up-to-the-minute DX news submitted by group contributors.

These messages can be sent to your e-mail application such as Outlook Express, read on the web, or in digest form. If you're with [IRCA] at Yahoolgroups, you are not automatically moved over, you must receive an invitation to sign up. Once you get that, you must click the link in the e-mail to accept (or take no action to decline) and then Topica will setup an account for you, based on the e-mail address the invitation was sent to. Please note: all IRCA members with an e-mail address on file with the Secretary/Treasurer will receive an invitation to the group. For more information, contact Lynn at: lynnhollerman@yahoo.com.

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DX Tests

Please remember, what's listed as being on, say, Monday *may* be what you think of as Sunday night! 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 January 5th, 2002 - KJAY-1430, Sacramento CA will test from 0300-0700 EST with 500 watts directional. Programming with be Morse Code, Warble Tones, and Voice IDs.

QSL cards will be issued for correct reception reports. Reception reports (with return postage) should be sent to:

Patrick Martin 90971 Highway 101 #28 Warrenton OR 97146-9343

or:

PO Box 843

Seaside OR 97138-0843

Taped reports will be appreciated to hear how the station is getting out. KJAY is a very rare catch and good luck! (arranged by Patrick Martin IRCA)

Monday, January 7, 2002 - KTNS-1090, Oakhurst, CA will conduct a DX test from 12:00-1:00am PST. KTNS ("Kittens AM 1090") will broadcast using a power of 1000 watts nondirectional. Tones and CW IDs identifying KTNS will be broadcast, along with their regular Music of Your Life (MOYL) format of adult favorites from Jones Satellite Audio. Reception reports(with return postage) may be sent to:

Larry Gamble

General Manager, KTNS-AM

P.O. Box 2020 Oakhurst, CA 93644 E-Mail: mtkaat@sierratel.com WWW: http://www.KTNSRadio.com

(Arranged by Lynn Hollerman for the IRCA CPC.)

Saturday, January 12, 2002 - WRCS-970, Ahoskie, NC will conduct a DX test from 12:00-1:00am EST. WRCS will broadcast at a power of 1000 watts nondirectional. Tones and CW IDs identifying WRCS will be played. If any music is played, it will be gospel music with spoken liners between songs. But the test will consist mostly of CW IDs.

Reception reports(with return postage) may be sent to:

Bob Carter

Chief Engineer, WRCS-AM 443 Hwy 42 W Ahoskie NC 27910 E-Mail: wrcs970am@yahoo.com

WWW: http://www.geocities.com/wrcs970am

(Arranged by Lynn Hollerman for the IRCA CPC.)

Also, if you hear a test, PLEASE, PLEASE let me know, via either e-mail or in rec.radio.shortwave! And if you send a reception report to a station, please remember to include return postage with your report...—Lynn Hollerman (ircamember@geocities.com)

Web Sites for AM DX Stuff

Glenn Hauser has long published the excellent DX Listening Digest, and although most of the material is shortwave related, there is some interesting medium wave information there. His site is at http://www.angelfire.com/ok/worldofradio/Dxldmid.html.

John Rieger is the mastermind behind *DX-midAMerica.com*, devoted to midwestern broadcasting and DXing on all bands. AM DXing is featured prominently. Point your browser to http://www.angelfire.com/wi/dxmidamerica/index.html.

JUST PUBLISHED! THE TROA MEXICAN LOG, 2TH EDITION

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. 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 2000 edition and carefully cross-checked by several IRCA members. **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. Prices: IRCA/NRC members - \$9.00 (US/Canada/Mexico/sea mail), \$10.00 (rest of the Americas airmail), \$10.50 (Europe/Asia airmail), \$11.00 (Australia/New Zealand airmail). Non-members: add \$2.50 to the above prices.

To order the IRCA Mexican Log from the IRCA Bookstore, send the correct amount (in US funds payable to **Phil Bytheway**) to:

irca Bookstore, 9705 Mary NW, Seattle wa 98117-2334

Master DX'er Mark Connelly maintains two webpages covering his interests. At http://hometown.aol.com/MarkWA1ION/weblink.htm he organizes a compendium of links related to radio, electronics, and music. At his other, which is still partly under construction, pictures of the latest DXpedition to Newfoundland are featured, as well as Cape Cod area bandscans. This web page is at http://www.geocities.com/MarkWA1ION/.

Wonder what the ground conductivity in your area is? The FCC has a map of the United States showing ground conductivity values on their website. You can print out the area of interest, or all sections, and paste together a map about 43" x 69" in size. This is available at http://www.fcc.gov/mmb/asd/m3/m3.html.

2002 IRCA Convention Bids

Anyone interested in hosting the 2002 IRCA convention, please contact IRCA President Lee Freshwater, 414 SE 3rd St, Ocala FL 34471. E-mail: ENGWTRS@aol.com.

Editors Needed

The DX Worldwide – EAST and Sports Information columns need editors. If you would like to participate in YOUR club, contact Lee Freshwater at engwtrs@aol.com

WESTERN DX ROUNDUP

Editor: Nancy Johnson –265 Waterton Way- Billings, MT 59102-7755 E-mail: NancyJohnson@prodigy.net

WDXR DEADLINES: Each Friday. Please use Eastern Time.

REPORTERS FOR THIS ISSUE:

- (LG) Larry Godwin-2390 Clydes Dale Lane-Missoula, MT 59804 lbg@selway.umt.edu Hammarlund HQ-150, Sanserino air-core box loop & Kiwa loop
- (GJ) Gary Jackson-7735 Center Parkway-Sacramento, CA 95823
- (PM) Patrick Martin-P.O. Box 843-Seaside, OR 97138-0843 mwdxer@webtv.net Drake R8, EWE antenna
- (NP) Nigel Pimblett-1146 Queen Street SE-Medicine Hat, AB T1A 1B4 Kenwood R-5000, Beverages
- (JW) John Wilkins-Wheat Ridge, CO peakbagger@juno.com Drake R-8, 4' box loop
- 530 TIS MT, Troy 12/7 0920 woman giving the "Lincoln County Road and Weather Report for the Troy area." (NP-AB)
- 540 WPDI548 <u>CO</u>, Denver Int'l Airport 12/2 0918 with ID's and classical music. Back on the air after being silent for a couple of years. ID's as "Denver International Airport Radio WPDI548," the same call they used previously. Also had 3 "legibility tests," each consisting of some aspect of DIA. (JW-CO)
- 550 KBOW MT, Butte very good all day with C&W music. Noted at 1750 12/1 with ID "KBOW." (PM-OR)
 - CKPG BC, Prince George 12/7 0930 time check as "6:30 on 550 CKPG," then news by a woman. (NP-AB)
- 560 KMON MT, Great Falls 12/1 very good at 1755 with "Big Sky Country, KMON" ID. (PM-OR)
- 570 CKWL <u>BC</u>, Williams Lake 12/1 1740 good with C&W music and "Caribou Radio" ID's. (PM-OR)
- 660 KGEZ MT, Kalispell 12/1 1810 fair with AOR and "The Edge" slogans. (PM-OR)
- 680 KKGR MT, E. Helena 12/3 was completely on top of KNBR with oldies and ID at 0900, obviously on day power. (LG-MT)
- 850 CKBA AB, Athabasca 12/7 1019 ID as "Cat Country 850 CKBA," ads for crop seed and grocery store. (NP-AB)

- 870 KRLA CA, Glendale 11/29 1919 with talk program in progress; break for ads & programming notes at 1919, then back to talk; 1-minute summary of news and sports headlines at 1930, then a few ads. ID's as "Newstalk 8-70, the New KRLA." Last heard here a few years ago as KIEV. (JW-CO)
 - CFBV BC, Smithers 12/7 0933 news, sports, weather, with local ads. Parallel to 760 CFLD, but with different ads. ID as "...we're BV-LD" at 0938, then into music. Rare here. (NP-AB)
- 910 KBLG MT, Billings 12/7 1020 presumably the one coming through usual superpest CKDQ with man and woman talking sports, then news headlines from the "Montana Morning Report News Center." Very rare here. (NP-AB)
- 920 KBAD NV, Las Vegas was weak but mostly alone on auroral AM 11/28 at 0800 and 0900. Didn't hear call, but after ESPN program a man said "Las Vegas, the sports leader." Rarely heard. (LG-MT)
- 1070 KATQ MT, Plentywood 12/1 1904 heard once again weakly with local news and info, announcement for Plentywood business meeting. (PM-OR)
- 1110 KWDB WA, Oak Harbor was strong at 0900 on 11/29 with C&W song and ID. NRC doesn't list this (occasional) format. (LG-MT)
- 1220 KIIS <u>CA</u>, Canyon Country made a rare appearance at 0900 on 12/4 with local commercials and call ID. (LG-MT)
- 1230 ?KWUN? UT, Murray was likely the source of BYU basketball promo at 2300 on 11/28. (LG-MT) (I have KWUN changing calls to KJQS.--NJ)
 - CIYR AB, Hinton 12/7 1000 multi-station ID, then into "YR Radio News." (NP-AB)
- 1250 KIKC MT, Forsyth 12/1 1808 good on top with oldie "Have I The Right?" and "Hit after hit on Kick." (PM-OR)
- 1290 KOUU <u>ID</u>, Pocatello 12/1 1811 fair under KKSL with C&W music and "Cow Country" ID's. (PM-OR)
- 1350 KGHF CO, Pueblo 12/4 2052 "1350 KGHF" ID heard through a jumble, then into Christmas music. (NP-AB)
- 1470 KKTY <u>WY</u>, Douglas 12/7 2046 ad for auto glass shop in Douglas, promo for high school basketball "... on 99.3 FM KKTY." Not common here. (NP-AB)
- 1590 ?KLFE? WA. Seattle was probably the one with basketball game between Univ. of MT (which won) and Wash. State at 2254 on 11/28. There was an ad for a business with 425 area code. Unusual to hear KLFE with sports. (LG-MT)
- 1600 KVRI WA, Blaine finally heard after Pat Martin's tip on this new station. It ran a monologue by a man in a language that sounded similar to Russian on 12/4 from 0957-1001. At top of hour a man gave legal ID in English, superimposed on program in progress. Was an odd AM with no sign of pest KSGO-UT; even KSL-1160 was weak; kind of a reverse aurora. Thanks, Patl (LG-MT)
- 1610 KOJ778 AZ, Paige 12/2 1920 TIS for Glen Canyon National Recreation Area. Tape loop by a woman giving tourist info, safety information, etc. The loop was about three minutes long and reception was so good I could copy every word. Easily the best I've ever heard this one. (NP-AB)
- 1680 ?KYEA? LA, Monroe 12/1 0500-0600 mentions of Monroe, West Monroe and Gospel music behind KAVT Fresno. Very weak with deep fades. Also heard "Rejoice 1680." Tentative report sent. (GJ-CA)

UNIDS

- 1610 12/2 1930 tape loop by a man ID'ing as "Bragg (?) Canyon Shuttle Information Radio 1610." He mentioned the shuttle was finished for the season, thanked listeners for supporting their alternate transportation. He advised to tune to 1610 kHz for more park information (presumably another TIS further down the road). (NP-AB)
- Weak station ID'd as "Newstalk 1220" at 0800 on 12/7. I haven't heard a station with this format here. Likely something exotic (the one that got away). (LGMT)

CENTRAL DX ROUNDUP

Editor: John C. Johnson

RIDING GAIN

| [NJ-MT] | Nancy Johnson, Billings, MT |
|---------|-----------------------------|
| | NancyJohnson@prodigy.net |
| | Icom IC-R71A, Kiwa loop. |
| ITN-WI1 | Tim Noonan Madison WI |

[TN-WI] Tim Noonan, Madison, WI DXing2@aol.com

http://www.angelfire.com/wi/dxing Kenwood R-1000, Radio West Loop.

[JJR-WI] John J. Rieger, South Milwaukee, WI

JohnJRieger@webtv.net http://DX-midAMerica.com

Icom IC-R75, Kiwa loop, GE Superadio III, Terk AM 1000 loop.

DOWN THE DIAL

| 630 | CFCO | ON, Chatham. 12-8 very good. 06:09 with "Classic Gold CFCO." Not heard |
|-----|------|--|
| | | in awhile due to WLAP, KSJL. [JJR-WI] |
| 830 | WFNO | I.A Norco 12-4 fair no WCCO 17:45 with SS talk and "In Fabrilian" |

WFNO LA, Norco. 12-4 fair, no WCCO. 17:45 with SS talk and "La Fabulosa" jingle. [JJR-WI]

860 KKOW KS, Pittsburg. 12-2 fair with local WNOV nulled. 18:00 with Fox Sports, weather, ID, CBS News. [JJR-WI]

880 KRVN NE, Lexington. 12-2 fair with WCBS nulled. 17:59 with calls out of country song. [JJR-WI]

910 KVIS OK, Miami. 12-2 fair, alone. 07:33 with Gospel, calls. [JJR-WI]

960 WTCH WI, Shawano. 12-2 good, way over usual WSBT. 17:52 with local spots, country format. [JJR-WI]

990 KRMO MO, Cassville. 12-2 fair, alone. 17:50 with "Serving the Ozarks since 1950, this is KRMO." NEW! [JJR-WI]

WCAZ IL, Carthage. 12-2 poor, clear. 08:17 with obits, sports, calls. [JJR-WI]

1030 KCTA TX, Corpus Christi. 12-2 fair with WBZ nulled. 06:57 with religious format, ID. [JJR-WI]

1060 WKMQ MS, Tupelo. 11-30 fair to good. 18:55 with call ID in talk format. [TN-WI]
 1100 WSGI TN, Springfield. 12-8 poor in fade up in WTAM null. 07:32 with calls,

local spots, calls again into country song. NEW! [JJR-WI]

1110 WKRA MS, Holly Springs. 12-8 poor, clear. 07:24 with ID out of spot into
Southern Gospel music. [JJR-WI]

1140 KSOO SD, Sioux Falls. 12-2 fair. 17:33 with "11-4-0 KSOO" in station promo.

1310 WDOD TN, Chattanooga. 12-2 fair, no usual WIBA. 06:51 with "Southern Gospel Hour on WDOD," spot, weather. [JJR-WI]

1320 KNCB LA, Vivian. 12-4 poor, but alone and steady. 17:34 with "Louisiana Network News," spots. Rare here. [JJR-WI]

Sunrise/Sunset Maps

12 maps showing 15 minute sunset and sunrise times for the US and 12 maps showing hourly sunset and sunrise times for the World. Explanation includes use of the maps and examples of DX made possible by knowledge of SR/SS times.

Prices: IRCA/NRC members - \$2.25 (US/Canada/Mexico/sea mail), \$2.75 (rest of the Americas airmail), \$3.00 (Europe/Asia airmail), \$3.50 (Australia/New Zealand airmail). Non-members: add \$1.00 to the above prices.

IRCA BOOKSTORE, 9705 MARY NW. SEATTLE WA 98117-2334

| 1330 | KWKW | CA, Los Angeles. 12-3 poor through KOVE. 21:01 with SS talk, ID in EE |
|-------|------|---|
| | MUMD | than again in SS. [NJ-MT] SC, Greenville. 12-8 poor in fade up. 07:00 with legal ID into ABC News. |
| | WYRD | ring_Will |
| 1340 | KCBL | CA, Fresno. 12-3. 21:03 with ID "All Sports 13-40 KCBL (sounded like |
| | KCQL | NM, Aztec. 12-2. 23:00 at end of sports show with "KCQL Aztec. A clear Channel Communications Station. The home of the Jim Rogue Show" into CNN News. [NJ-MT] |
| | KTSN | NV, Elko. 12-2 good. 20:00 with sports promo, "13-40 AM KSTN Elko" ID into CBS Sunday Night Football. [NJ-MT] |
| | KYLT | MT, Missoula. 12-4. 23:00 with "More good times are coming up right after this news undate on KYLT Missoula." [NJ-MT] |
| 1430 | KTBZ | OK Tulsa 12-2 fair, alone, 06:00 with ESPN, Legal ID, NEWI [JJR-WI] |
| 1490 | WZOE | IL, Princeton. 12-2 fair in fade up. 07:55 with calls then lost. [JJR-WI] |
| 1500 | WOLY | MI, Battle Creek. 12-2 fair. 17:15 end of sign off, no SSB. Rare. [JJR-WI] |
| 1600 | WRPN | WI, Ripon. 12-3 poor with WCGO. 17:59 with legal ID. Despite its closeness, this is rare here. [JJR-WI] |
| UNIDs | : | |
| 1330 | unID | 12-8 unID poor. Southern Gospel music (automated, not satellite) and |
| 1410 | unID | spot. One CST TC was all I got in 35 minutes of fading and local 1340 splatter. Any ideas on a CST 1330 with Southern Gospel? [JJR-WI] 12-8 unID poor. 06:25-06:40 with oldies then news at :36. Tuned out at |
| | | :40. Stumped. [JJR-WI] |

25 YEARS AGO

December 18, 1976 issue of IRCA's "DX Monitor" ... Don Kaskey of San Francisco, CA said the Asians have been consistent from early September ... Al Ogrizovich of Sioux City, IA said he was working at KWSL 1470 ... Bruce McFadden of Tulsa, OK was up to 31 states heard ... Father Jack Pejza of Modesto, CA told about his visit to San Francisco where he got together with Rick Heald, Eric Rittenhouse, and Jim Korn.

OPEN MIKE

Is everyone ready for Christmas? Will Santa bring you logs of DX or a lump of coal? This column was typed 12-8-01. 73, John

DX WORLDWIDE - WEST / TROPICAL BAND DX

Editor: Patrick Martin - P.O. Box 843 - Seaside OR 97138

E-mail: mwdxer@webtv.net

TRANS-PACIFIC DX ROUNDUP

- HAWAII, Honolulu, KSSK really a great signal on top with Christmas song and "59 590 KSSK" ID at 0745 UTC 12/7 (PM-OR)
- HAWAII, Honolulu, KHNR, Christmas greetings "Aloha from KHNR" at 0732 12/7. 650 (PM-OR)
- TAHITI, Good with Island mx and woman in FF at 0734 12/9. (PM-OR) 738
- HAWAII, Honolulu, KGU hrd with Christian mx at 0735 12/7. Man mentioned KGU. 760 Apparently much of the programming on 870 (KAIM) has moved to KGU now, as KAIM is going off 1/1/2002. (PM-OR)
- JAPAN, Akita JOUB good with man with JJ talk at 0940 12/9. (PM-OR) 774
- AUSTRALIA, Brisbane 4RN, fair with woman ancr ment of ABC at 0959 12/9. (PM-792 OR)
- HAWAII, Hilo KHLO, hrd with Beach Boys song and "Crusin' 8-5-Oh, KHLO" ID at 850 0754 12/7 (PM-OR)

- 900 HAWAII, Kahalui KNUI, goofd with Hawaiian pops and usual accented male ancr "KNUI AM 900" ID at 0756 12/7 (PM-OR)
- 940 HAWAII, Waipahu KJPN good and dominant with usual JJ programming. JJ Pops and "JAPAN" ID at 0725 12/7 (PM-OR)
- 990 HAWAII, Honolulu KHBZ good on top of others with Business News on Islands
 "KHBZ Business News" ment at 0743 12/7 (PM-OR)
- 1017 TONGA, good with woman in Tongan at 0831 12/9 (PM-OR)
- 1040 HAWAII, Honolulu KLHT at 0715 12/7 "You are tuned to the pure light of Hawaii, K-Light 1040" (PM-OR)

REPORTER

(PM-OR) PATRICK MARTIN, PO Box 843, Seaside OR 97138-0843 <mwdxer@webtv.net> Drake R8, EWE Antenna

DX WORLDWIDE - EAST

Editor: Phil Bytheway - 9705 Mary NW - Seattle, WA 98117-2334 E-mail: phil-bytheway@teknologic.net

Deadlines are Mondays. ALL TIMES IN UTC. pb

PAN AMERICAN

- 630 PUERTO RICO, WUNO, San Juan, DEC 6 0400 Crushing 630 with two men talking fast and laughing. Quick "NotiUno" mention. [Kenneally-CT]
- 730 TRINIDAD & TOBAGO, R. Trinidad, Port of Spain, NOV 27 0058 Presumed w/Caribbean-accented man rising above dominant R.Melodia-Colombia for a short period discussing something "...for hose hot and sultry days...". Fell back into the mush after this brief teaser. [Kenneally-CT]
- 860 DOMINICAN REPUBLIC, R. Clarin, HILR, Santo Domingo, NOV 29 0204 Presumed this on top (and on frequency) w/man announcing what sounded like a horse race built steadily over a minute to a big climax. Mentions of Santo Domingo. [Kenneally-CT]
- 860 PANAMA, R. Reforma, Chitré, DEC 5 0958 Thanks to Bruce Conti for the tip on this one. Heard underneath R. Clarin, but with much clearer audio. Spot for show or something called "Radio Pachiki (Tachiki?) en Chitré" by man, then woman talking, then church bell chimes, then man w/"... R. Reforma .. desde la ciudad de Chitré .. en Panama .. una Feliz Navidad ...". CJBC completely missing, though it was totally dominant an hour earlier. New country. [Kenneally-CT]
- 860 VENEZUELA, Enlace 860, YVYE, Valle de la Pascua, NOV 29 0057 Good but off frequency a bit low w/clear ID: "Desde Valle de la Pascua ... transmite Enlace 8-60". Frequency a morass of hets w/R. Clarin & another LA in the mix. New. [Kenneally-CT]



The NRC AM Radio Log, 22nd Edition

Including cross-referenced listings from 530-1700 kHz, is compiled from both listeners' reports and official sources, making it the most accurate listing of U.S. and Canadian stations available. Unbound, three-hole punched for standard binders. \$19.95 to U.S. NRC/IRCA members; \$25.95 to U.S. non-members, \$23.00 to Canadian NRC/IRCA members; \$29.00 to non-members. Airmail to members in western Europe (except Italy) and Australia, New Zealand and Japan: \$29.00. All others contact us for exact prices. Order from:

NRC Publications, Box 164, Mannsville, NY 13661 (New York residents, please add sales tax)

- 895 NEVIS, Voice of Nevis, Charlestown, NOV 29 0130 Weak with woman speaking in accented EE in what sounded like a commercial. Couldn't get any other audio. Haven't ever been able to get an ID on this. [Kenneally-CT]
- 900 CUBA, R. Progresso, Cacocum, NOV 29 0150 Mixing with XEW and another SS stn //to monster R. Progresso signal on 890. [Kenneally-CT]
- 1000 COLOMBIA, RCN, HJAQ, Cartegena, NOV 29 0146 Huge signal, all alone with time check, "RCN" mentions, and what sounded like a commercial repeating the word "chocolate" several times. [Kenneally-CT]
- 1070 COLOMBIA, R. Santa Fe, HJCG, Bogota, NOV 29 0759 Weak in LA/Canadian mix w/man talking, then woman (sounded like commercial) then recorded ID by man "...en R. Santa Fe". New. [Kenneally-CT]
- 1070 COLOMBIA, Emisora Atlantico, Barranquilla, DEC 4 1000 Fair as song ended, then brief talk by soft-voiced man, then jingle "Emisora Atlantico". Also presumed earlier w/Barranquilla ments. R. Santa Fe & Mundial Zulia in mix. New. [Kenneally-CT]
- 1070 VENEZUELA, Mundial Zulia, YVMA, Maracaibo, DEC 5 0200 Above mix w/big voiced man giving top-of-hour ID w/lots of fanfare "Mundial Zulia" repeated often. Then into an old song that sounded like some exotic piece from Casablanca in the 40s. New. [Kenneally-CT]
- 1090p DOMINICAN REPUBLIC, R. Amistad, CMJM, Santo Domingo 12/7 0447-0530 fair to good under semi-local WBAL. Playing Latin hits and Christmas music like "Jingle Bells" to Latin beat and "Silent Night." Also what sounds like a Spanish news station under this (possibly Union R. Caracas). A little Web research showed that R. Amistad is likely because of format; hence the presumed logging. I'll keep at it to pull out a positive ID though. [Hochfelder-NJ]
- 1160 BERMUDA, VSB3, Hamilton, NOV 27 0600 Presumed with BBC World Service news mixing under two NJ stations. Couldn't hear any of the local audio, only the BBC feed. [Kenneally-CT]

NRK-1314 to Sign Off (from the NRC reflector (used by permission)): Randy Stewart - Springfield MO - jrs555t@smsu.edu

"The Board of state broadcaster NRK yesterday decided on heavy budget cuts for 2002 to bring it in balance. Some regional radio programmes will be merged, and all regional stations will have their budgets cut. To an international audience, the most shocking news is that Radio Norway International will be completely closed from Jan. 1st. Transmitter costs are said to run to 40 mill NOK annually. But NRK will have to negotiating with transmitter provider Norkring and also Radio Denmark to close at this time. Norkring have a contract for running the transmitters until 31/12-2003. Radio Denmark have a contract with NRK for leasing of transmission time for the same period, paying some 25 mill kroner annually. So here some instant negotiations will have to be carried out!"

This is from the "Cumbre DX" shortwave email newsletter... Kvitsoy-1314 is to be taken off the air on New Year's Eve...

The staff of 7 at Radio Norway International have been informed that the station will not exist after Jan. 1st, and have been transferred to a "job-bank" for employment elsewhere in the broadcast organisation. So it seems the decision to end the foreign service is definite. Veteran broadcaster Einar Lie will host the final programmes on New Years Eve. The decision also affects the 1.2 MW mediumwave transmitter at Kvitsoy Island (1314 kHz). This is also planned to be switched off on New Years Eve, alongside the four SW-txs at Kvitsoy and Sveio. The two sites employ a staff of 18 (13 at Kvitsoy, 5 at Sveio). At the remote Kvitsoy Island, the station is a very vital employer, and a closedown will have great impact on the community.

Time will show what will actually happen. It seem definite that Radio Norway International will close by New Year, but to meet contracts with Norkring/DR, it is possible that the transmitters will continue to be on air, but with only relay of some domestic programmes. (Bernt Erfjord, Norway Dec 6)

CONTRIBUTORS

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[Kenneally-CT] Rick Kenneally - Wilton, CT - 2 Sony 2010, 300' long-wire, Quantum QX Loop, Quantum phaser, SM-2 Loop.

IRCA TECHNICAL COLUMN

Nick Hall-Patch - 1538 Amphion St. - Victoria, BC V8R 4Z6 CANADA E-mail: nhp@ieee.org

CC Radio Display Fix Gerry Thomas

I've had the CCRadio for two years now and have been very pleased with its performance. It sees several hours of use every day in my shop as I listen to a down-state sports radio station and has served me without fail. However, about six months ago I noticed that some of the segments on the display began disappearing or appearing where they didn't belong. At first, I was able to correct the problem by removing all power to the radio for a day or two, then pressing the reset button on the bottom of the cabinet. As time passed, however, the "power down" time required for this technique to work began increasing to the point whereby even a week of down time didn't correct the problem. I contacted the C. Crane Co. and they told me that the problem had to do with a connector being improperly glued on the display circuit board. I tore into the radio and corrected the problem with the procedure detailed in this brief article.

The fix is actually very simple. The hardest part is accessing the display connector which is hidden behind the RF shield on the display board. Nonetheless, I had the fix done in about 15 minutes and it should be within the capabilities of just about any DXer.

What you'll need:

- 1. Phillips head screwdriver
- 2. Small wattage soldering iron and solder
- 3. De-soldering pump, bulb, or wick
- 4. Duct tape

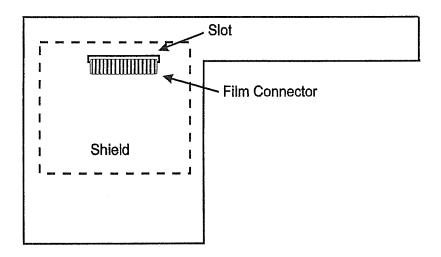
The Fix:



- 1. Lay the radio face down on a flat, non-scratchy surface and remove the six screws holding the back of the cabinet.
- 2. Gently rotate the top of the cabinet toward you, being careful not to tug on the wires connected to it. The wires are long enough so that you should be able to get the back of the cabinet out of the way.
- 3. Looking down into the guts of the radio, locate the two screws holding the nearest circuit board and remove the screws. (Note: Some CCRadios may also have a small value capacitor soldered between a ground point on this circuit board and the speaker; if yours has this capacitor, desolder the capacitor from the circuit board, making a mental note of its solder point so that you can re-solder it upon re-assembly).
- 4. Remove the volume control knob (it pulls straight off) and gently maneuver the board up and towards you (don't forget about the volume control shaft) being very careful not to

stress any of the connecting wires. There's enough slack in the wires so that you should be able to position this board upright and out of your way.

You should now be looking down into the radio at the display board and it should look something like this:



The most noticeable feature on the display board will be the large metal RF shield. The "film connector" and "slot" are located under this shield.

- 5. Locate the half-dozen or so solder points on the shield that are affixing it to the circuit board and, with your de-soldering device, remove the solder from all of the tabs.
- 6. Gently lift and remove the shield from the board.
- 7. Locate the flexible, multi-conductor connector that runs from the board through a slot in the board to the display in front. It's a clear, acetate-like film with parallel conductors on it that is simply glued to the circuit board. This is the problem child...

To determine where exactly the poor connection is occurring, you might want to connect the AC power cord to the radio and press with your fingers various places on the flexible connector while watching the display. In my case, the problem was on the far right side of the connector.

- 8. C.Crane recommended using hot glue to hold the connector flat against the board but I was worried about the glue seeping under the connector and acting as an insulator so I just cut a piece of high-quality duct tape to size and used it (in two overlapping layers across the entire width of the flexible connector) to nail the connector flat. If you use a tape, make sure you don't cover the slots that the tabs on the shield fit through.
- 9. Before starting re-assembly, connect the AC power cord and check the display to verify your fix.
- 10. Re-install the shield and re-assemble the radio.

There you have it. Your display should now be trouble-free for the foreseeable future. The demise of my display may have been hastened by its life in my non-climate controlled shop...the heat and humidity may have "aged" the glue well beyond its normal lifespan.

Questions or comments are welcomed at: radioplus@pcola.gulf.net

73...Gerry

I.R.C.A. AWARDS

The I.R.C.A. maintains an award committee which gives out DX awards to honor your achievements. These attractive awards are suitable for framing and is available in a wide variety of award series. You are encouraged to apply for these awards.

These awards are now available in both LOGGED and VERIFIED forms.

REGULATIONS FOR APPLYING FOR BCB AWARDS

The IRCA Achievement Awards Committee offers to all IRCA Members the following series of awards:

Series I, STATES Awards

20, 30, 40, and 50 (VAS) States Verified, or Logged (LAS)

Series II. PROVINCES Awards

6, 8, 10 and 12 (VAP) Provinces Verified, or Logged (LAP)

Series III, COUNTRIES Award

10, 15, 20, 15, 30 Countries Verified (VAC) (increments of 5), or Logged (LAC)

Series IV, TOTAL STATIONS Award

100, 200, 300, 400, 500, 550, 600, 700, 750 Stations Verified (TSV) or Logged (TSL) (increments of 50)

Series V, Domestic Capital Cities Award

20, 25, 30, 35, 40, 45, 50, 55, 56, 57, 58, 59, 60, 61, 62 Domestic (CCV) or Logged Capital Cities Verified

Series VI, GRAVEYARD CHANNEL Award

25, 50, 100, 125, 150 (increments of 35) Stations verified on Graveyard channels (GYV) or Logged (GYL)

Series VII, DX TESTS Verified Award

20, 30, 40, 50, 60, 70 (increments of 10) DX Tests Verified (DXTV) or Logged (DXTL)

SPECIAL AWARD: VERIFIED ALL CONTINENTS (VAC)

Antartica NOT required for this award (not available in logged category)

The following set of regulations will apply to all members requesting an Achievement Award Certificate. They are simple and easy to follow: please read them carefully.

- 1. You must be an I.R.C.A. member to qualify.
- (not required for logged awards)

For each station used in the application for an award, the member must have in his possession, at the time of his application, either a verification of reception from the station or a taped verification. A taped verification should include a definite ID (see below) and may be very short in duration. Some material recorded a few seconds before and after the ID gives the tape a desirable continuity.

- A: A Canadian or US station, to be tape verified, must have the station call letters PLUS either the location of the station AND/OR the frequency. (All three are preferred) If a station promo contains the above elements, it may be counted as a definite ID. Simulcast call letters of FM affiliates will be acceptable, providing simulcasting can be verified via DXM and/or M Street Journal.
- B: For foreign stations, a station slogan (or call) plus location and frequency is best. Minimal requirements would seem to indicate that the slogan plus the location are needed. Promos, or even spots (if they are clearly local) will help. In the case of stations (Latin American especially) on a network with no local IDs, a network ID may be the best that one can do. Make certain that your station is indeed on the network heard and that there is NO chance of a mis identification. In the case of a foreign language, ascertain that what you heard has been translated correctly.
- AS A GENERAL RULE, ASK "WOULD MY TAPED VERIE CONVINCE A VISITOR TO MY SHACK THAT I DID INDEED HEAR THE STATION CLAIMED?"
- 3. The Awards Committee reserves the right to require a photocopy of any verification or a duplicate tape in the case of taped veries, and shall be the sole authority in awarding certificates. All decisions of the committee will be deemed as final.
- 4. A fee will be levied to cover the cost of printing and postage. US members should send the fee in US Coin, check or money order; Canadian members may do the same. Others may remit in any convenient form such as IRC's, etc.

FEE RATE: Award sent by 1st class mail, \$1.50 each.

5. The term "Broadcast Band", for the purposes of these awards, and in accordance with the



IRCA By-Laws, is considered to be that range of frequencies extending from 510 kHz to 1720 kHz inclusive. All types of stations in the range may be counted. This includes commercial broadcasters, beacons, special low powered military stations, etc.

Countries and continents are based on the current edition of the IRCA Countries List. The District of Columbia will count as part of Maryland for the States Awards: the Yukon and Northwest Territories are considered provinces for Award. Provinces Capital Cities Awards refers to capital cities of all continental US states, the capital cities of Canadian Provinces and Territories. Persons verifying either capital cities of the Yukon or Northwest Territories will receive honorable mention on the Domestic Capital Cities Verified Award.

7. Please submit your application on standard sized paper (8 1/2 x 11") in either handwritten or typed form. E-mail & FAX applications will be acceptable. However all awards will be held until above mentioned fees are received.

Here are the forms to be used in applications:

A: When applying for States, Provinces, Countries, and Continents

Number in Alphabetical order CALL LETTERS FREQ Date Heard

| 1 | Alabama, Birmingham | WAPI | 1070 | 3/03/90 |
|---|-----------------------|------|------|----------|
| 2 | California, Riverside | KPRO | 1440 | 4/01/88 |
| 3 | Colorado, Denver | KOA | 850 | 12/07/89 |

Applications for the Capital Cities Award should list the provinces alphabetically on one list and state alphabetically on the other, as shown above.

B: When applying for the Total Stations Verified or Logged Award

| Number | Frequency | Call Letters | Location | Date (in order) |
|--------|-----------|--------------|----------------|-----------------|
| 1 | 540 | CBK | Regina, Sask. | 6/03/94 |
| 2 | 590 | wow | Omaha, NE | 4/10/85 |
| 3 | 1190 | wowo | Ft. Wavne . IN | 5/26/90 |

- C: Applications for the Graveyard Channel Award should list the station on each frequency as a group. Any order desire may be used.
- D: Applications for the DX Test Awards should use the same form as above (B)
- 8. In all applications PLEASE number each entry- this speeds checking. Taped veries may be listed with written ones. No special designation is required.
- For the purposes of the graveyard Channel Award, the frequencies are: 1230, 1240, 1340, 1400, 1450, and 1490 khz. Any station at any location on any of these frequencies is acceptable.
- 10. Any particular station that you have heard and verified becomes a "new" station and may be counted again when verified if it has: A. Changed call letters; B. Changed frequency; C. Changed location (one city to another)
- 11. The countries labeled "inactive" per the IRCA Countries List will be valid for pertinent awards if they have been verified PRIOR to the "inactive" date.
- 12. Stations heard and verified must be heard with-in 25 miles of your permanent home base. For fairness, stations heard while traveling cannot be counted.
- A: Persons who have DX'ed in multiple locations may "group" his list together. These awards will indicate such multiple location. If you resided in one location for a number of years, then moved to a new location, both locations will count. When applying for an award which covers DX received from more than one point, PLEASE clearly mark this on the application, along with the particular circumstances of the case.
- 13. Please submit a separate application for each award, with your name and address on each sheet.
- 14. KEEP A COPY OF EACH APPLICATION, as your original will not be returned The system will be "cumulative." For example, after applying for, and receiving an award for "30 States Verified", you may, upon verifying another 10, apply for the "40 States Verified" by merely listing the new 10 in the format mentioned above.
- 15. Should an application be rejected for any reason, the application and fee will be returned within 10 days for correction.

16. Accepted applications become the property of the IRCA Achievement Awards Committee and may be used for any purpose.

Applications may be submitted to:

I.R.C.A. Achievement Awards Committee c/o Lee J Freshwater 414 S.E. 3rd. ST Ocala, FL 34471-2213

engwtrs@aol.com

E-Mail Applications may be submitted for faster processing (awards will be held until receipt of fees)

updated on this 30th day of January, 2000

I.R.C.A. CONVENTIONS

Since its founding in 1964, the I.R.C.A. membership has gathered each summer for a weekend of station tours, DX talk, and other activities. The convention is open to all members, their families and anyone interested in BCB DX'ing. A general business meeting is held to review club activities from the previous year, and plans are made for the next 12 months. An informal banquet is held one evening. Following the banquet, an "auction" is held. Anything from station tee shirts, bumper stickers, air-checks, DX books, and even receivers are up for bid.

People wishing to host a convention merely submit a "bid" to the President by October 15 of the previous year.

The I.R.C.A. Board of Directors then approves each bid. Should there be more than one bid submitted and approved, a vote by the general membership is taken. Bid forms are available from the I.R.C.A. president.

IRCA CONVENTION SITES

1964 - Dauphin Island, AL 1965 - San Diego, CA 1966 - Milwaukee, WI 1967 - Denver, CO 1968 - Hollywood, CA 1969 - Chicago, IL 1970 - Vancouver, BC 1971 - Toledo, OH 1972 - San Diego, CA 1973 - Hammond, IN 1974 - Seattle, WA 1975 - Columbus, OH 1976 - San Francisco, CA 1977 - Indianapolis, IN 1978 - Portland, OR 1979 - Peoria, IL 1980 - Louisville, KY 1981 - Calgary, AB

1983 - Seattle, WA
1984 - Toledo, OH
1985 - Portland, OR
1986 - West Palm Beach, FL
1987 - Peoria, IL
1988 - Louisville, KY
1989 - Sacramento, CA
1990 - Knoxville, TN
1991 - Monterey, CA
1992 - Huntsville, AL
1993 - Billings, MT
1994 - Aberdeen, WA
1995 - Boise, ID

1982 - Moline, IL

1994 - Aberdeen, WA 1995 - Boise, ID 1996 - Ocala, FL 1997 - Costa Mesa, CA 1998 - Missoula, MT 1999 - Las Vegas, NV 2000 - Billings, MT

SPURIOUS RESPONSES AND HOW TO RECOGNIZE THEM

Michael B. Northam Rev: 3/00 lif

A spurious response (emission or spur) is any signal heard on a frequency other than that upon which it is being broadcast. There are many causes of spurs, but they all involve receiver overload by a strong local station (or stations) in one way or another. The general classifications of spurs and how to recognize them are briefly described below.

TRUE IMAGES

A true image will often be heard at a frequency of twice the IF frequency of your receiver below the actual transmitting frequency. For example, if your receiver has an IF of 455kcs (the most common IF frequency), a strong local station on 1600khz would also be heard at 1600 - (2X455) = 690khz. To determine if your receiver is subject to true images, find the IF of your receiver (most likely 455khz) multiply this by 2 and subtract the product from the frequency of the strongest local station in your area transmitting above 1450 (note that 1450 - (2X455 = 540khz, the lowest BCB frequency). Tune to this frequency (690 in the first example), and if no audio from the local station is heard, it is unlikely that any spurs that you hear are true images.

CROSS MODULATION

Cross modulation may occur at frequencies close to the local station ("close" may range from 10khz to 200khz or so depending on the strength of the local station). This condition is characterized by audio from the local station being heard along with a weaker stations audio on these adjacent channels. For example, if the strong local transmits on 1430khz, and audio from this station can also be heard on 1420, 1440, 1410, and 1450khz, the problem is probably cross modulation. Note that cross modulation is completely different than "over-modulation" and normal side band splatter which is NOT a receiver problem, but a problem at the radio stations transmitter. Cross modulation effects are only heard when another stations carrier is present. If the local's signal is heard on 1455khz (between BCB channels), the problem is over-modulation or side-band splatter.

INTERNAL AND EXTERNAL MIXING

These two spur classifications have very different causes, but the effect is nearly identical, hence they are discussed together. Mixing is probably the most common cause of spurs on the BCB, but unfortunately, it is also the most difficult to identify because of its complexity. Basically, two RF frequencies (in this case BCB stations) may combine to form what is called "product" frequencies, which may be heard on the receiver. The problem is usually most severe when the two stations are transmitting on nearby frequencies but may also occur in other instances. For two strong local stations, one transmitting on frequency A, the other on frequency B, the first "products" are A+A, A+B, B+B, A-B, and B-A. For example, consider the case when the locals are on 600khz, (A) and 1000khz, (B) respectfully. The mixing signals could occur on any (or all) of the following frequencies: 1200khz (A+A); 2000khz (B+B); 1600 khz (A+B) or 400 khz (2B-A) To complicate matters still further, these first products may mix among themselves, the original (A and B) frequencies, and the signals from a third station, producing signals on 800 khz (2B-2A), 1400 khz (2B-A); 200 khz (2A-B), etc. If the two stations are with in 100khz of each other, the products; 2A-B and 2B-A are particularly common. For example, Ocala, Fl has 3 five KW stations: 900khz, 1290khz, and 1370khz. Note that the last two are less than 100khz apart. The mixing products completely wipe out 1200khz to 15000khz, on all receivers. Fortunately, two of these use low power at night (less than 50 watts), the other drops to 1000. This eliminates the problem completely. Now that the 1290 signal is dark, daytime DX is again possible on these frequencies.

IF Feed-through and Audio Rectification

IF feed-through and audio rectification are unique among spur classes in that their effects are independent of receiver tuning. If you hear Morse code, a local SW, FM or TV station no matter what frequency you tune, this is your problem. A station broadcasting near the IF

frequency circuits in your receiver (usually 455khz) will often feed-through the audio circuits in your receiver. This situation will be particularly bad if your receiver is in need of alignment. Morse code from a beacon station (or any station transmitting near 455khz) heard in your receiver indicate this problem. The wiring of your receiver may act as a tu8ned antenna for some VHF frequencies. If a powerful local station (usually FM or TV) operates near one of these "tuned" frequencies, the audio from the station may be recovered by the receiver.

Cures

Prevent overload or remove unwanted signals with either an antenna tuner or a tuned antenna (like a loop). Also try reducing the RF gain control of your receiver, if either of the above doesn't work.

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THE INTERNATIONAL RADIO CLUB OF AMERICA P.O. Box 60241, Lafayette LA 70596

http://www.geocities.com/Heartland/5792



The IRCA is a non-profit organization devoted to the hobby of hearing distant stations on the Broadcast Band (510-1720 kHz). DX Monitor, the official publication of the IRCA, is published in "soft" form 40 times a year (weekly from September to April, twice monthly from May to August) and in printed form 35 times a year (weekly September to April, monthly May to August). DX Monitor contains members' loggings, articles on radio stations, receiver reviews, technical articles, DX tips, and other material of interest to Broadcast Band DX hobbyists. IRCA is a member of ANARC, the Association of North American Radio Clubs.

CLUB ADDRESSES AND OFFICERS

President: Lee Freshwater, 414 SE 3rd Street, Ocala FL 34471 (proposals/gripes), e-mail: ENGWTRS@aol.com

Secretary-Treasurer: Lynn Hollerman, (dues/address changes, see address above)

e-mail: https://lynnhollerman@yahoo.com
Board of Directors: Phil Bytheway (chairman), Nick Hall-Patch, John C. Johnson, Nancy Johnson, Patrick Martin, Mike Sanburn and Pete Taylor

Editor-in-Chief: Rich Toebe, 2103 Sargent Court, Davis CA 95616-7621 e-mail: richtoebe@ips.net (all material for publication goes here)

MEMBERSHIP DUES (DXM=printed DX Monitor, SDXM=soft e-mailed version)

| Destination | SDXM | DXM | DXM+SDXM |
|------------------------------|------|------|----------|
| USA | \$10 | \$25 | \$30 |
| Canada & Mexico (group 2) | \$10 | \$31 | \$36 |
| Western Europe (group 3) | \$10 | \$45 | \$50 |
| Australia/NZ/Japan (group 4) | \$10 | \$46 | \$51 |
| Rest of world (group 5) | \$10 | \$43 | \$48 |

TRIAL MEMBERSHIP TO USA-CANADA-MEXICO only: \$10 DXM, \$12 DXM/SDXM Installment Rate: 2 payments a year of one-half dues plus \$1

Make checks and Money Orders in US funds payable to IRCA Send all dues and address changes to: IRCA, PO Box 60241, Lafayette LA 70596

Sample copies of DX Monitor are available for 34c to USA addresses, 60c to Canada and Mexico, or 2 International Reply Coupons each to other countries, and are available from 2103 Sargent Court, Davis CA 95616-7621.

For information on subscribing to the IRCA reflector at Topica, a group e-mail service, contact the moderator, Lynn Hollerman at lynnhollerman@yahoo.com

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