

DX MONITOR

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RENEWALS: Thomas White, David Alpert, Ted Wendland....Thank you very much.

IN THIS ISSUE: DX test on front page and there is a new one, DX Worldwide II, DX Worldwide East, No DX Worldwide West this issue as Patrick is on a vacation, Western DX Roundup, Central DX Roundup, Eastern DX Roundup, Western DX Forum, Eastern DX Forum, DX Techniques, Drake R8: A Third Look by Dallas Lankford, this is a 3 page report, 3rd page will appear next issue.

DXM PUBLISHING: This could be setup so it is alot easier. 2 bulletins a month for Sept, Oct, Nov, Dec, Jan, Feb, Mar & Apr. A single bulletin for May, Jun, Jul & Aug. I never did see a reason for weekly bulletins. Save your postage, please do not try to explain it to me my mind is closed. It would cost less for postage to mail 2 bulletins at 2 oz each vs 4 bulletins at 1 oz each. 2 x .52 cents vs 4 x .29 cents. You could do away with all the foreign members, their bulletins take special handling with the use of envelopes and postage stamps, also the club could subscribe to a couple of foreign bulletins instead of exchanging bulletins. I also have a way to do away with the center staples in the bulletin, this would also be a time saver. With the above changes we can probably change the yearly membership dues to \$20.00 instead of \$25.00. I do not want you foreign members to get upset, I am just telling ways to cut the work load of the publisher. The publisher could be helped out if the editors sent the masters in filled up, that means the editors would need filler material, like the logos, veries etc. You editors could do that for me right now, thank you. I am not trying to get anyone upset just some thoughts on publishing..73..

IRCA DX TEST BULLETIN

MONDAY, DECEMBER 14, 1992 - WDEA-1370, P.O. BOX 1129, ELLSWORTH, ME 04605 WILL CONDUCT A DX TEST FROM 2:00 - 2:30 AM EST. THE TEST WILL INCLUDE MORSE CODE. POWER WILL BE 10.4 KW USING AN OMNIDIRECTIONAL ANTENNA PATTERN. RECEPTION REPORTS MAY BE SENT TO: TRACY TARR. (ARRANGED BY J.D. STEPHENS FOR IRCA CPC)

MONDAY, DECEMBER 14, 1992 - KNEB-960, P.O. BOX 239, SCOTTSBLUFF, NE 69363-0239 WILL CONDUCT A DX TEST FROM 2:00 - 2:30 AM EST. THE TEST WILL INCLUDE MORSE CODE, TONES, AND VOICE ID'S AND WILL BE CONDUCTED IN CONJUNCTION WITH THEIR MONTHLY FREQUENCY CHECK. RECEPTION REPORTS MAY BE SENT TO: MR. LES PROCTOR - CHIEF ENGINEER. (ARRANGED BY J.D. STEPHENS FOR IRCA CPC)

MONDAY, DECEMBER 14, 1992 - WABK-1280, P.O. BOX 1280, GARDINER, ME 04345 WILL CONDUCT A DX TEST FROM 2:30 - 3:00 AM EST. THE TEST WILL INCLUDE MORSE CODE, TONES, VOICE ID'S, AND MARCH MUSIC. RECEPTION REPORTS MAY BE SENT TO: MR. BRANT CURTISS - PROGRAM DIRECTOR (ARRANGED BY J.D. STEPHENS FOR IRCA CPC)

MONDAY, DECEMBER 14, 1992 - KNZZ-1100, P.O. BOX 969, GRAND JUNCTION, CO 81502 WILL CONDUCT A DX TEST FROM 5:00 - 6:00 AM EST. THE TEST WILL INCLUDE MORSE CODE, TONES, AND VOICE ID'S. POWER WILL BE 10 KW. KNZZ WILL SWITCH BETWEEN A DIRECTIONAL AND OMNIDIRECTIONAL ANTENNA PATTERN DURING THE TEST. RECEPTION REPORTS MAY BE SENT TO: MR. DWIGHT C. MORGAN - CHIEF ENGINEER. (ARRANGED BY J.D. STEPHENS FOR IRCA CPC)

MONDAY, DECEMBER 21, 1992 - KNED-1150, BOX 1068, MCALESTER, OK 74502 WILL CONDUCT A DX TEST FROM 2:00 - 2:30 AM EST. THE TEST WILL INCLUDE MORSE CODE, TONES, VOICE ID'S, AND MUSIC. RECEPTION REPORTS MAY BE SENT TO: MR. LEE ANDERSON (WB5RYX) - PROGRAM DIRECTOR. (ARRANGED BY J.D. STEPHENS FOR IRCA CPC)

DX WORLDWIDE II

Editor: Bruce Portzer - 6546 19th Avenue N.E. - Seattle, WA 98115

Greetingal Conditions remain so-so here. I had a couple of good DXpeditions to the coast in Sept & Oct, but not much has been heard here at home. Still with the sunspot count dropping, we can hope that this season will be better than the last one.

The DX Magazine, a ham publication, recently ran an article on International Reply Coupons. In Feb 1991, IRCs became redeemable for the first unit of airmail postage (instead of surface mail) in the country where they're redeemed. The "first unit" can be anything from a quarter ounce to an ounce, depending on the country. IRCs issued after 1975 are being honored at the airmail rate, even if they say "surface mail" on them. IRCs issued before 1975 are obsolete and will not be honored.

WESTERN HEMISPHERE

COLOMBIA: HJSL-1150 & HJQN-1260 have been closed. HJ863-1470 Antena de Boyaca, Samaca, is new w/1kw. HJC22-1570, Radio Ciudad, Dabeida is new w/1kw [TRN/Arctic]

ECUADOR: HCJB is just beginning a major project (at the request of the Ecuadorian government) to put on several local MW, and FM stations in the jungle communities in the southern, and Eastern parts of Ecuador. [SW Paradise BBS]

MEXICO: XEW-900 is celebrating its 62nd anniversary with a new xr, power in the range of 100-150kw. [Carl Huffaker]

VENEZUELA: YVYM-880 is 24hrs w/50kw, YVKG-950 is 24hr, YVXM-1340 is now on 790. YVZC-1390 R Selecta will move to 850 soon. YVKV-880 new owner plans to change name to Radio CNN 880 & go 24hr all nx [TRN/Arctic]

TRANS-PACIFIC

AUSTRALIA: 2KO-1413 & 2KA-783 were due to move to FM 10/12, with AM/FM simulcast for a month after that. 3YB-882 installed a second hand 2kw xr in March; Aussie DXers report signal strength doubled afterwards. 3BO-945 & 3SR-1260 are expected to move to FM some time in

1993. 3CV-1071 now takes news from 3EE-693. 4WK-1278 installed a 200w translator in Toowoomba on 1359 in mid-Sept. 2CO-675 is scheduled to move to FM, no date has been set. [DX Australia]

KOREA (NORTH): There is an outlet on about 1616-17 which stays on past 1600UTC.

PAPUA NEW GUINEA: list of beacons in the 1600-1800 kHz range:

Freq	Ident	Location (comments)
1616	NZ	Nadzab (22w to a 36' vertical ant)
1623	GNV	Gurney, Milne Bay
1632	OKT	OK Tedi (sic)
1642	MOR	Moro (located W of Lake Kutubu)
1662	KUB	Kubuna
1676	TSL	Telle Telle
1690	MH	Mount Hagen
1692	KIU	Klunga, may be off the air
1725	GA	Goroka (may sound like GET due to bad spacing on the "A")

Above information confirmed by reception at the government monitoring station at Port Moresby. "Ident" refers to the morse code identifier continuously transmitted by the beacon. [Gordon Darling, via John Bryant]

TONGA: The outlet on 5030 is ready to resume operation //1017. S/off is 1000. [Media Network]

TRANS-ATLANTIC

ALBANIA: The TWR broadcasts mentioned last time are on 1395 at 2000-2300 in east European languages. [Media Network] The TWR broadcasts mentioned last time are apparently on 1395 at 2030-2130. [Arctic] (At least they agree on the frequency bp)

BOTSWANA: VOA plans to install a new xr in 1993 [Guy Atkins]

BULGARIA: Varna-774 & Blagovgrad-864 will have new 150kw xrs in 1993. Kardzhali-1017 will move to 963 in late 92 or early 93. Vidin-1224 uses 1000kw at 205 degrees between 2249 & 0130. [Arctic]

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KUWAIT: In August, the VOA announced it would build a relay in Kuwait w/a total of 11 SW/MW xrs. The SW units will cover the Middle East and central Asia; MW will mainly be for local reception. Under the agreement w/the Kuwaiti govt, Kuwait will provide the land, electricity, etc. & in return will be allowed to use the station for its own broadcasts. [N2DXL] The Voice of Kuwait plans to raise power on 540 from 10kw to 1600kw. [N2DXL]

LITHUANIA: R Gimtines Svyrys (Homelands Lighthouse) broadcasts to fishermen in Lithuanian on 666 15576 & 9710 0200-0230 Saturdays, Rpts go to POBox 512, Klaipeda 5802. [Euronews]

MOROCCO (Clandestine): La Voz Democratica de Sahara-1544, ex 1355. [Arctic]

PORTUGAL: effective 9/27/92 Portugal changed standard time to UTC + 1 [N2DXL]

SPAIN: Radio 5 Valladolid-936 ex-1134. [Play-DX via Arctic]

UNITED KINGDOM: The BBC's rolling news service (Radio 6) should begin operation by Jan 1994 on 198 khz. There are plans for up to 3 new London-wide AM stns, an east London ethnic station, and additional metropolitan services in cities such as Liverpool, Birmingham, Leeds, Edinburg, & Dundee. The new London stns will probably use 990 1458 (currently GLR) and 1152 (currently LBC). GMR-1458, GLR-1458, & WM-828/1458 might close on AM. Independent Music Radio is now on the air & well hrd in Finland on 1197 & 1215. [Euronews]

SWEDISH BROADCASTING UPDATE

(Reprinted from Sweden calling DXers. The vast majority of Swedish stations are on FM. However, the information is probably of general interest to IRCAs, and some of it may pertain to Sweden's limited AM outlets. bp)

The new Swedish Broadcasting Corp presented its channel formats and schedules last week. The new company, which officially begins on January 1st, 1993, is a merger of the current Swedish Radio Company and the Swedish Local Radio Company. The two public radio broadcasters are being combined just before they face competition from new private commercial stations.

The current P1 channel retains its profile of news and current affairs, while P2 will continue to broadcast classical music, along with programs in minority languages, such as Sami or Lapp, as well as Finnish, and other immigrant languages.

The big change is in the entertainment channel P3,

which will be solely aimed at young people. Many of the current P3 programs that appealed to an older audience are being moved over to the new P4. This channel will carry the current local radio stations for 12 to 13 hours a day during the week, as well as sports and entertainment for an older audience.

The Swedish center-right minority government has introduced a bill to establish the country's first legal private commercial radio. The government is proposing to initially establish 60 stations, with 10 in Stockholm, 5 in Gothenburg, 3 in Malmö, and the rest in a number of smaller towns. Licenses would last for 8 years, and the government wants to auction them off to the highest bidder. However, daily newspapers would not be allowed to hold a controlling interest in any station.

Advertising is to be limited to 10 percent of airtime, with a maximum of 8 minutes of commercials every hour.

The government has accepted the opposition demand that community radio stations also be allowed to carry commercials. The government has also given in to objections against creating a single regulatory agency for public broadcasters, private broadcasters, community radio and cable. Instead the current Community Radio Board would be responsible for licensing the new private local radio stations.

1992/93 SOUTHERN HEMISPHERE DAYLIGHT SAVING TIME

(via N2DXL)

ARGENTINA: Buenos Aires, Catamarca, Santa Cruz, & Tierra del Fuego on UTC-2, Mendoza & Jujuy on UTC-3 til 3/6/93, all others remain on UTC-3

AUSTRALIA: Queensland, Northern Territory, & Western Australia will remain on standard time.

The rest of the country is on DST (UTC + 11, except UTC + 10:30 in S Australia) until 3/7/93.

BRAZIL: Until 2/13/93, the SE Coast area including Bahia, Goias & Brasilia are on UTC-2, Mato Grosso & Mato Grosso do Sul are UTC-3. No change in rest of country

CHILE: on UTC-3 until 3/12/93

COLOMBIA: on UTC-4 until 3/31/92, possibly extended into 1993

NEW ZEALAND: UTC + 13 until 3/21/93

PARAGUAY: UTC-3 until 3/30/93

URUGUAY: UTC-2 until 2/27/93

VANUATU: UTC + 12 until 1/23/93

SOURCES: Arctic Radio Club, The Radio News (Venezuela), Sweden Calling DXers, DX Australia, New Zealand Radio DX League, Euronews (via Richard Eckman), Radio Nederland Media Network, various IRCA members. 73 and have a happy holiday season.

DX WORLDWIDE EAST

EDITOR: JIM HALL * 3176 CHELTENHAM COURT * GIBSONIA, PA * 15044-8435 * U.S.A.
 Rpts. from Randy Stewart & Mark Connelly this wk. Randy uses a TRF & 4' spiral loop. Mark's rpt. indicated the following: 20m. & 37m. wires w/noise-reducing xformers to MWOX-5 Phasing Unit, & MMT-3 Regen. Preselector.

T R A N S - A T L A N T I C D X (Connelly-MA) all

- 531 ALGERIA/SPAIN 0513 11/8 AA vocal mixed w/apparent SS talk at times. Algeria's strong carrier had weak modulation.
- 558 unID's 0510 11/8 2-3 signals in jumble - one sd/1k SS or PP; another had apparent AA mx. Too choppy & sloppy to tell much for certain.
- 612 MOROCCO Sebba-Aloun 0506 11/8 Fr/gd w/fem. AA voc. Evidence of a 2nd signal, most likely Ireland.
- 621 CANARY ISLANDS Santa Cruz, Tenerife 0505 11/8 Gd/xlnt w/nx by m&w in SS.
- 729 SPAIN Oviedo 0502 11/8 pr w/bits of SS talk.
- 738 SPAIN Barcelona 0458 11/8 m in SS, pips, "R. Nacional de Espana" ID, fr thru WJIB/CHCM-740 slop.
- 765 SENEGAL Dakar 2337 11/11 XLNT w/killer signal during pronounced low-band AU cx. Easily the loudest TA & better reception than groundwave WABC. Acc'td FF talk, then African kalimba instru mx. You could have "channel surfed" Africans this early evening on a beach DXpedition w/wires.
- 765 t SWITZERLAND Sottens 0447 11/8 weak w/classical mx.
- 783 PORTUGAL Miramar 0530 11/8 PP vocal in a C&W style (like Billy Ray Cyrus), then m in PP. Peaking strong. YVMM/CFDR/WBBM QRM not too bad @ this time. This is a mediocre performer early evening (compared to 1035 & 1062), but it really comes in strong after 0500z.
- 837 AZORES Barossa 0543 11/8 romantic vocal, then m in PP; slightly o/ others on this gy-like chan.
- 864 FRANCE Paris 0555 11/8 dreamy classical piano mx //945, gd signal.
- 873 SPAIN Zaragoza 0449 11/8 m in SS o/ others.
- 882 ENGLAND Washford et al. 0445 11/8 "Tie a Yellow Ribbon" oldie, then w in EE; fr - mixing w/presumed Canary Islands.
- 891 ALGERIA Algiers 0443 11/8 AA female vocal, then AA talk by m&w, v. gd. Also 11/8 0628 w/AA rock mx (!), loud.
- 945 FRANCE Toulouse 0555 11/8 //864 w/piano mx, gd.
- 954 SPAIN Madrid 0552-57 11/8 Jas. Taylor's lightweight version of Buddy Holly's "Everyday", then SS vocal, fr.
- 981 ALGERIA Algiers 0559 11/8 AA vocal in slop.
- 999 SPAIN Madrid / unID 0600 11/8 disco mx, pips, then nx in SS by m&w. 2nd stn, seemingly w/AA mx (likely Moroccan), evident. CFLP's FF on 1000 was the main slopper instead of usual CKBW/WLUP.
- 1008 CANARY ISLANDS / SPAIN 0605 11/8 bits of SS talk in bad WINS/CFRB slop.
- 1017 SPAIN 0607 11/8 mediaeval/clas. mx, then m/w in SS, slopped by WBZ.
- 1044 SPAIN 0610 11/8 m & w in fast SS surfacing o/jumble. Morocco more common.
- 1044 MOROCCO Sebba-Aloun 0611 11/8 AA mx rose up o/Spain.
- 1071 FRANCE 0615 11/8 w in FF o/others, pr. Tough to work the OC from CBA out since it was on a similar azimuthal bearing.
- 1098 CANARY ISLANDS / SPAIN 0617 11/8 SS talk amidst a cacophony of low-pitched growl-hets.
- 1107 SPAIN 0628 11/8 w in SS, only fr - not as strong as usual.
- 1349 MAURITANIA Nouakchott 2351 11/11 bits of audio, raucous het against WBSK et al during AUcx.
- 1544 N. AFRICAN CLANDESTINE 2200 11/11 This is Algeria per MWC member in Port.) Poor w/AA talk, Europe knocked out by AUcx. Some Africans making it in.
- 1566 t AZORES 2204 11/11 bits of tlk sd/1k PP rather than AA. Mostly just a gd het against re-activated local WNSH-1570 whose slop is pesky because of its direction bearing being the same as that for TA's.

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P A N - A M E R I C A N A D X

- 595 DOMINICA Roseau DBS 2350 11/5 Fr w/jazz piano trio, vicious domestic slop. (Stewart-MO)
 750 JAMAICA 0520 11/8 reggae show atop WSB. (Connelly-MA)
 830 ST. KITTS 2340 11/11 EE rlg, local-like, as expected, during AU. (Con.)
 1070 t FRENCH GUIANA 2346 11/11 FF m pr o/low-pitched het in Aucx. (Connelly-MA)
 1510 MEXICO Monterrey XEQ1 0045 11/6 Nxmagazine-style show & world nx, full s/off ID 0101--"Sintonis a Ud. X-E-Q-I--A-M; emisora integrante de sistema R. Nuevo Leon..." Gave ph. # 47-17-39. Into NA - new for me. (Stewart-MO)

I R A N S - A T L A N T I C D X

- 531 SPAIN 0656 10/31 SS talk pr o/SAH from Algerian that was fading w/dawn.
 549 ALGERIA Les Trembles 0547 10/28 Gd w/AA chant & strings.
 603 SPAIN / unID's 0548 10/28 SS talk in 3-stn. mix.
 612 IRELAND Tullamore 0543 10/28 remake of 1969 hit "Sugar Sugar", then m in EE. To fr peaks thru WGR slop.
 621 CANARY ISLANDS Santa Cruz, Tenerife 0540 10/28 m in SS, "R. Nacional" net ID; fr, gd.
 639 SPAIN La Coruna et al 0537 10/28 Fr/gd w/m in S.
 738 SPAIN Barcelona 0533 10/28 SS talk, pr in CHCM slop.
 747 SPAIN Cadiz 0552 10/28 Bits of SS tlc in low-pitched het rumble. Also 0629 10/31 fr w/m in SS.
 756 t GERMANY Braunschweig/Ravensburg 0551 10/25 Gd w/classical mx.
 765 SENEGAL Dakar 0557 10/28 stringed mx interval signal prior to s/on. Potent sig. Also 0657 10/31 gd at its Sun. s/on time: OC, then mx on guitar-like instru.
 774 SPAIN 0524 10/28 LOUD w/SS nx by m/w. Also 1031 0625 EXCELLENT w/w in SS.
 783 PORTUGAL Miramar 0558 10/24 Pop rock mx, PP tlc by w, gd.
 792 SPAIN Sevilla 0648 10/31 W in SS, fr in slop.
 801 unID 0624 10/31 Spain the most likely source of the het here against PJB. This isn't noted too often.
 810 t SPAIN 0523 10/28 SS nx by m in monotone, unemotional speech style that's characteristic of SER net bc's. Did not sd/lk a LA; it was stronger on the "TA sloper". Before I could do // checks, the signal dropped into residual WGY QRM & u/a potent OC that was likely CJVA.
 819 unID's 0623 10/31 typical scenario here: a 3 or 4 stn pile w/o a clear dominant & w/a raucous growl of slightly off channel carriers. Morocco used to own this; now it's usually a loud unintelligible mess.
 827 unID 0601 10/28 Het (as previously rpted by Burnell) noted against 828/830. Too much R. Paradise slop to allow audio extractiojn.
 837 SPAIN/CARARY ISLANDS 0555 10/25 synchros gd w/m & w in SS. Also 0605 10/28 SS teletalk show, ments Islas Canarias, LOUD. Also 10/31 0620 LIKE A LOCAL w/m & w in SS.
 855 SPAIN Murcia et al 0606 10/28 SS nx/talk gd w/WHDH slop nulled.
 873 SPAIN Zaragoza 0515 10/28 Fr/gd w/m in SS (teletalk show).
 882 CANARY ISLANDS La Laguna 0514 10/28 SS talk, also 10/31 0659 loud/dominant w/w in SS.
 891 ALGERIA Algiers 0513 10/28 Gd w/AA pop mx/talk.
 891 PORTUGAL Vilamoura 0715 10/31 PP talk by m w/telephone-like scratchy audio. Evenly mixing w/Algeria's AA vocal that was fading w/onset of dawn. For those DXers who can be awake at this time, there's a gd opportunity window to bag low-powered very-westerly stn's (UK, Ireland, Portugal, Azores) as dawn silences the usual "big guns" on various channels.
 945 FRANCE Toulouse 0610 10/28 FF talk, fr.
 954 SPAIN Madrid 0610 10/28 SS pr in CHNS slop.
 963 PORTUGAL Seixal 0607 10/28 PP talk, pr, trashed by CHNS. 0702 10/31 m In PP, pr/fr. There was evidence of a 2nd signal, possibly the low-powered stn on Ireland's west coast as most of Europe was in daylight by this time.
 981 ALGERIA Algiers 0608 10/28 Gd w/AA talk by w. This is getting almost as easy as 891.
 999 SPAIN Madrid 0609 10/28 Gd w/SS teletalk show.
 1044 MOROCCO Sebaa-Aioum 0611 1025 XLNT w/w in AA. Somebody else way u/ w/pop. Also 1028 0611 AA voc. o/growl.
 1053 MOROCCO Tetuan 0613 10/25 W in AA //1044; pr in slop.
 1053 ENGLAND 0631 1025 Nx by w in EE //1089; sig.came up to dominate o/Morocco.


- 1089 ENGLAND 0619-0625 10/25 US-accented spot "Europe's #1 Early Show", then "Holding Back the Tears" by Simply Red, fol/by Brit. EE ancw w/ph. # of 071-637-4343. Then, a promo for the UK T40 show at 4 PM. V Strong signal!
- 1107 SPAIN 0626 10/28 m & w in SS, atop others.
- 1116 SPAIN Pontevedra 0617 10/28 SS teletalk show, fr.
- 1134 SPAIN 10/28 @0618 SS talk.
- 1179 SPAIN/CANARY ISLANDS 0545 10/25 synchros gd w/SS talk.
- 1197 unID 10/28 0620 fat carrier but not much audio.
- 1359 MELILLA 10/27 0621 Gd w/m & w in SS.
- 1377 FRANCE Lille 0633 10/25 EXCELLENT w/nx by m in FF.

P A N - A M E R I C A N A D X

- 740 COLOMBIA (unID city) 0640 10/31 "CARACOL" ID, then rustic SS mx (similar to ranchera / cowboy styles); mostly u/CHCM ("VOCM").
- 760 COLOMBIA Barranquilla HJAJ 0644 10/31 SS pgm on Col. political affairs & the effect of upcoming US election. Was //770. Dominant o/pile.
- 770 COLOMBIA Bogota HJKH 0644 10/31 TOTALLY CLOBBERING WABC! Col. political afairs discussion in SS //760.
- 780 VENEZUELA Coro YVMN 0652 10/31 R. Coro initially in dogfight w/CFDR; then it went totally atop w/ID -- LOUD!
- 880 CUBA Pinar del Rio CHAF 0617 10/31 Mexican-style ranchera mx., then ancncr said "desde La Habana". Bombing out WCBS!

CREDITS:

MARK CONNELLY - Wallon, 30 William Road, Billerica, Massachusetts 01821-6079
(Drake R8 & 20m. (66') wire & 37m. (121') wire w/noise-reducing xformers to MWDX-5 Phasing Unit and MMT-3 Regenerative Preselector)



**WESTERN
DX
ROUNDUP**

Nancy Hardy
2301 Pacific Ave.
Aberdeen, WA 98520

DEADLINE FOR WDXR TIPS IS MONDAY, EXCEPT SATURDAY DEC. 19. PLEASE USE EASTERN TIME.

REPORTERS FOR THIS ISSUE:

- (TRH) Tim Hall-350 G St. #F-1-Chula Vista, CA 91910
Sony ICF-2010, Radio West loop
- (BH) Bill Hardy-2301 Pacific Ave.-Aberdeen, WA 98520
Yaesu FRG-7, Radio West loop
- (NH) Nancy Hardy-2301 Pacific Ave.-Aberdeen, WA 98520
FRG-7, Radio West loop
- (PM) Patrick Martin-P.O. Box 843-Seaside, OR 97138
Drake R8, SP-600-JX17; term. 1500' E Beverage, term. 1700'
NNW Beverage, term. 200' SW wire, ground system
- (MS) Mike Sanburn-P.O. Box 1256-Bellflower, CA 90707
GE Superadio
- (RW) Robert Wien-1309 Dentwood Dr.-San Jose, CA 95118
GE Superadio, GE long-range portable, SM-2

OF SPECIAL INTEREST

- 1040 KURS CA, San Diego 11/20 1130 first day on the air, with Spanish adcon music. Uses slogans "Kah diez qarenta," "Su estacion estereo en Espanol," and "Radio San Diego." They are 24 hours, NSP. Also, they are a pest as they stop heavily on adjacent frequencies. Seem stronger than listed 900 watts. Last issue listed with incorrect calls (KIRS). (TRH-CA)
- 760 CFLD BC, Burns Lake 11/25 very strong with Oldies Coast to Coast and local break at 0012. (PM-OR)

- 820 WPHV237 CA, Hollywood 11/8 1700 new call letters for local TIS. Tape loop, ID "You're listening to AM Radio 820, the official information station of the Hollywood Bowl, call sign WPHV237." (MS-CA)
- 830 KUYO WY, Evansville 11/16 1015 in good under KNCO while looking for CKKY-AB, with ID. (RW-CA)
- CKKY AB, Wainwright 11/19 0841 Canadian feature story, 0843 TC and "Key 83 All Hit Country" slogan into C&W, 0547 detailed weather report, 0852 back to C&W. In quite good. A new station for me. (NH-WA)
- +11/20 0803 good to fair ending Alberta News Network, into lady with Wainwright local news, WCCO faded up 0805 covering end of news, then country music, "Key 83, All Hit Country" slogans, lots of ads for small towns near Alberta-Sask. border. 0820 Canadian "Family News in Focus" feature, 0823 more ads, "Key 83 Community Update" giving address of Box 1476, Wainwright, AB T0B 4P0, weather with high of -1. Thanks to Mike Stonebridge for tip! This is ex-CILW-1230, never heard here. (BH-WA)
- 840 KSWB OR, Seaside has been on in late afternoons lately 11/12 & 11/13 running non-stop C&W for an hour or so. Do not know when they will be back on for good, according to new manager (3rd or 4th one in 2 or 3 months!). Fairly low modulation. (PM-OR)
- 890 *KDXU* UT, Saint George 11/16 0620 with OC. They've been running their OC all night recently every night. (RW-CA)
- 990 (KKIS) CA, Pittsburg 11/16 0922 totally off due to tech. problems, back on at 0925. KRKT in weak. (RW-CA)
- 1230 KISP AZ, Phoenix 11/9 0030 in well with "Kiss 1230 AM" ID, so
- 1360 KRKK WY, Rock Springs 11/22 0639 fair with KXTL-1370 splat. Local break in SMN oldies feed, giving rules for contests on KRKK and KQSW-96.5. Weather, back to oldies. Waited 1 1/2 hours to ID this! New and much wanted after months of trying to ID SMN oldies during KKMO SP's Sun.-Mon. (BH-WA)
- 1400 KBLX CA, Berkeley 11/12 0249 ex-KRE for me. Good signal with spots for Lawrys seasoning, play at Paramount Theater, Nissan dealer in San Leandro. ID "102.9 KBLX," R&B music. (MS-CA)
- KUKI CA, Ukiah 11/11 2333 logged during some great conditions to northern Calif. Heard C&W music becoming dominant. ID at 2336 "FM 103.3 KUKI," again at 2344. Later, heard Eddie Rabbitt concert contest, and phone number 463-KUKI. Called the station and they were surprised. (MS-CA)
- 1410 CFUN BC, Vancouver 11/13 2255 another station I couldn't hear for years, dominating 1410, obliterating KCAL & KERN. Music by Chi-lites and John Waite. SID on the hour "14 C-Fun." Friday the 13th is good luck here. (MS-CA)
- 1480 KCMZ TX, Dallas 11/13 0343 fair above jumble with Dallas-Fort Worth weather. Then, more "Favorites on 1480 - KCMZ," // KKSJN-910. (PM-OR)
- 1490 KCID ID, Caldwell 11/22 0800 fair with adcon, "You're in tune with KCID, Caldwell-Nampa, serving all of the Treasure Valley." Into ABC-I news, also mentioned KCID 0805 at end of news. Not heard in years. Way under was possible mention of Eastern Oregon and Baker, assumed KBKR which isn't far from KCID. (BH-WA)
- 1560 WPAD KY, Paducah 11/13 0230 fair above KNZR with "Your station for memories," // KKSJN-910. (PM-OR)

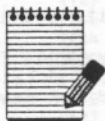
DX TESTS

- 540 (KNAK) UT, Delta 11/23 0200-0230 no sign of test, just CBK till 0208 s/off, unID religion (probably KVIP), and unID music. (BH-WA)
- 1470 (KMFJ) AZ, Sierra Vista 11/9 0200 DX test tried, not heard. (MS)

UNIDS

- 710 11/16 0639 TT way under KMPC looping SE. Mexican? (RW-CA)

Thanks for all the reports this week!



Central DX Roundup



John C. Johnson
979 Neptune Boulevard
Billings, Montana 59105-2129

 **PRODIGY**
MPNN49A

FOR THE RECORD

REPORT ALL TIMES AS EASTERN.

DEADLINES: MAIL: SATURDAYS. PRODIGY: SUNDAYS.

RIDING GAIN

- [SA-MB] = Shawn Axelrod, 30 Becontree Bay, Winnipeg, Manitoba R2N 2X9
Icom IC-R70 with PLAM board and 4kHz filter, 4-foot box loop, 100' wire.
- [FM-IL] = Frank Merrill, P.O. Box 669, Macomb, IL 61455
Kenwood R-1000, Various longwires.
- [JcJ-MT] = Your editor using an Icom IC-R71A with ferrite bar loop.

CORRECTION

- 1480 KFMQ NE, Lincoln. Correcting error in previous CDXR, KFMQ-FM changed calls to KYNN. KFMQ-AM remains KFMQ. When logged there was no mention of KFMQ on legal IDs or any other IDs. Verification letter mentioned the FM call change and said the KFMQ calls were retained for the AM to maintain control of the KFMQ call sign. Again, 1480 Lincoln is KFMQ not KYNN. [JcJ-MT]

SPECIAL INTEREST

- 740 KIDR AZ, Phoenix. **EX-KMEO**. 11/16 weak w/KSSS in tight KCBS null. 0300 with children music. IDing as "Radio Oz, KIDR Phoenix." Numerous "Radio Oz" mentions and SIDs. shouldn't children be asleep at 3 a.m.? [JcJ-MT]
- 830 CKKY AB, Wainright. **EX-1230**. 11/6 poor w/WCCO. 2210 with C&W format. [SA-MB]
- 1280 WORD SC, Anderson. **EX-WANS**. 11/5. 0716 with spots for Clintonville and Greenville. Traffic report mentioned Spartsburg. IDing as "WFBC and WORD." Same thing heard on 1330. Apparent call change? [FM-IL]

DOWN THE DIAL

- 810 KCHG TX, Somerset. 11/6. 1832 with promo for church service broadcast "...on KCHG." Spot for a store in various south TX locations. Note, I had reported this before, probably in error, with SS and San Antonio spots. That was probably KBSN, and I will need to try them again. [FM-IL]
- 840 KVEG NV, North Las Vegas. 11/6 good in WHAS null. 2207 with "AM 8-40 KVEG" into sports talk program. [SA-MB]
- 920 CKNX ON, Wingham. 11/10. 0603 with "...join us for...Real Radio on 9-20 CKNX Sundays 11 AM and 5 PM." Weather, C&W music. [FM-IL]
- 930 KROE WY, Sheridan. 11/21 while in area. 1230 with 50s-60s-70s rock oldies and slogan "KROE Supergold." 1300 with CBS News. 1305 with Country Music! Mixture of formats. The rock oldies they were playing were the same songs that were banned when I worked at KROE for a brief period in 1964. [JcJ-MT]
- 960 WBMC TN, McMinnville. 11/5. 0602 with sign on "News Radio 9-60." This has become quite a pest on the 135 degree wire. [FM-IL]
- 990 KRKS CO, Denver. 11/8. 0510 with "...write to KRKS....(gave address...and tell us what you like or don't like..." TC and prayer. Heard on 80 degree wire. New for me, if they hadn't been IDing I'd assumed it to be WWCM. [FM-IL]
- WEEB** NC, Southern Pines. 11/9. 0642 with "...that is sports from 9-90 WEEB." It was a loooooong report! Spots for Aberdeen stores, school lunch menu. [FM-IL]

CDXR continues.....

- 1030 **KDUN** OR, Reedsport. 11/15 weak, but alone. KTWO nowhere around. 2000 with "Your gon Coast Country Giant KDUN Reedsport" into local news. C&W format with a single spot between each selection. First time heard. OR#41. KTWO was heard later the evening. [JcJ-MT]
- 1040 **CKST** BC, Vancouver. 11/15 weak, but alone. WHO faint. Some fades. 1915 with rock music. "Coast 10-40" IDs. Also said "British Columbia's music leader." Some spots. Finally enough for a report, needed for call change. [JcJ-MT]
- 1050 **KMBA** NM, Los Ranchos de Albuquerque. 10/30 fair with noise. 1928 with news that sounded like TV simulcast. Mentioned "...News at 5." By the way, a customer in Albuquerque tells me there is no Los Ranchos de Albuquerque. It just sounds impressive. [FM-IL]
- 1080 **WFIV** FL, Kissimmee. 11/7. 0645 with SSB sung by chorus. Gave full sign on. [FM-IL]
WKGX NC, Lenoir. 11/10. 0709 with spot for an auto parts store "...in uptown Lenoir." Temp. gave with "WKGX in Lenoir" ID. Nice catch on a basically all-daylight path. [FM-IL]
- 1110 **WUHN** MA, Pittsfield. 10/30. 0615 with "Oldies 1110 WUHN" at tune in (sign on?). Fast fade into KFAB then back with rock oldie. Nice to hear a MA daytimer! [FM-IL]
- 1180 **WMLX** KY, Florence. 11/8 weak. 0803 with "73 in downtown Cincinnati." PSA about litter tagged "from your friends at 11-80 WMLX." John Denver tune played. Apparently WLDS is not on before 0730 or 0800 local time Sundays. [FM-IL]
- 1190 **CFSL** SK, Weyburn. 11/6 blasting in! 0656 with "CFSL brings you the news from south-east Saskatchewan." Part of a news tips promo. New for me, tried many times. Day power in error? [FM-IL]
KVSV KS, Beloit. 11/7 good in WOWO null. 1746 with weather for KS and NE into C&W music. Several IDs. [SA-MB]
KWMB MN, Wabasha. 11/7. Noted at SRS \KDHL-920. [FM-IL]
WAJL FL, Pine Castle. 11/7 under unID with OC, excellent and readable signal. 0645 with sign on, full info given. Mentioned transmitter at Orlando address. An SRS staple here with very little WOWO here. This frequency is a delightful SRS playground, it "peels off" in layers. [FM-IL]
WANN MD, Annapolis. 11/8 fair w/WOWO, etc. 0646 tune in in middle of sign on. [FM-IL]
WECC GA, St. Marys. 11/5. 0658 with full info sign on. Mentioned studios on Hiway 40. Religious message. Another easy SRS catch here. [FM-IL]
WHMT TN, Humboldt. 11/9. 0703 with "WHMT 11-90 with weather updates every hour." Dave Clark Five song. [FM-IL]
WMRE PA, Hughesville. 11/9 fair signal fighting with WOWO, WANN, others. 0700 with sign on. Pleasant surprise! Stuff like this makes SRS fun. [FM-IL]
- 1220 **WGNY** NY, Newburgh. 11/8. 0649 with spot for Middletown Times-Herald Record. "...covering Newburgh, Beacon...." Back to CNN Headline News. Stayed in well past 0700, WKNR missing. [FM-IL]
- 1230 **KKUL** MT, Hardin. 11/21 while in area noticed back on the air. 1200 with high school basketball game. Numerous spots and mentions of "AM 1230" and "KKUL Sports." Promos for programs later in the day and week. 1210 after the game playing home recording of rock oldies which ended and re-would (on air) after three songs. 11/22 again while in area noticed not on the air at all. Apparently a very odd schedule. Not silent, but then again, not on full time. [JcJ-MT]
- 1250 **KWSC** WA, Pullman. 11/15 good, alone. In tight null of KUUS-1240. 1900 with ID "KWSC Pullman. Northwest Public Radio" and brief weather forecast before joining Minnesota Public Radio's "Sound Money" program. Not needed. [JcJ-MT]
WBRM NC, Marion. 11/9 with noise. 1715 with SID "WBRM" then nothing, assume power cut or sign off. [FM-IL]
- 1270 **CHAT** AB, Medicine Hat. 11/15 strong. 1850 with "New Country 1270 chat." C&W format. Not needed. [JcJ-MT]
- 1280 **CHRB** AB, High River. 11/15 strong and alone. 1845 with "CHRB Foothills weather" out of C&W music. Not needed. [JcJ-MT]

CDXR Continues....

- 1310 **WDOC** KY, Prestonburg. 11/6. 0611 ran sign off announcement in full than carted "13-10 WDOC" ID, a few seconds of dead air, then Animals tune joined in progress. Assume a satellite feed. Same as WELO-580. [FM-IL]
- WOKA** GA, Douglas. 11/5 with fair signal and plenty of interference including WDOC. 0558 with sign on. Kept surfacing during the next hour everytime I checked 1310. [FM-IL]
- 1400 **KSPT** ID, Sandpoint. 11/20 briefly ontop w/KDRG, KXGF, others. 0400 TC, ID "KSPT Sandpoint" into Satellite News Network news. C&W format. First time heard, might be on all night now. ID#38. [JcJ-MT]
- 1430 **CJCL** ON, Toronto. 11/7 good. 1827 with "Sports Radio 14-30" IDs. All sports these days. [SA-MB]
- KBRK** SD, Brookings. 11/11 good. 0745 with local basletball, blowing, and yes believe it or not bridge scores on "KBRK Sports." TC and weather followed. [SA-MB]
- WLSQ** GA, Dalton. 11/4. 0657 with sports promo "...on News-talk 14-30 WLSQ." Also heard several times since. [FM-IL]
- 1440 **WVMG** GA, Cochran. 11/6. 0604 with "Good morning middle Georgia." Weather, gave call letters slowly. Fade just as a bluegrass record started. More SRS delight. [FM-IL]
- 1450 **KMSL** MT, Great Falls. 11/11 strong. 0725 with oldies music and "Football's home of the University of Montala, AM 14-50 KMSL." New for me. [SA-MB]
- 1460 **WXEM** GA, Buford. 11/5. 0740 \\\WAOS-1600 in SS. "La Favorita." The 1600 much more common here despite 1460 being a lot clearer. [FM-IL]
- 1480 **WAJA** NC, Franklin. 11/7. 0610 with "Franklin's radio station, WAJA." C&W music. Almost sounded like an ET with weather and music mixed with dead air. See WDOC-1310. [FM-IL]
- 1500 **WVSM** AL, Rainsville. 11/9. 0714 with calls in mess (sign on?). Metioned 56 degrees. Better signal at 0721 with "...southern gospel music all day long." [FM-IL]
- 1510 **CKOT** ON, Tillsonburg. 10/30. 0645 with sign on, full info. Note I've now heard ALL Canadian daytimers, hi! (unless you count CHYR-710). Wasn't this supposed to move or go to FM only? [FM-IL]
- 1550 **KSFT** MO, St. Joseph. 11/6 good. 2230 with "You remember because you never want to forget the great songs. The original hits on KSFT." NOS format. [SA-MB]
- WIRV** KY, Irvine. 11/10. 0608 with "WIRV AM 15-50, WCYO FM 106.1." Repeated 3 or 4 times in promo. Is this really 5 watts at this time? [FM-IL]
- WCXJ** PA, Braddock. 10/31 with good signal. 0640 with promo for a low-income housing show for Pittsburgh. "...Sundays on WCXJ." PSA for arts in Braddock community and church announcements. Thankfully CBE is rare here!! [FM-IL]
- 1600 **WAOS** GA, Austell. 11/5. 0613 in SS with "La Favorita." Music sounded Cuban rather than Mexican or Puerto Rican. Probably my mystery from 2 years ago. [FM-IL]
- WKBJ** TN, Milan. 11/9 nearly alone on frequency. 0712 with "AM 1600 WKBJ, playing your favorites from the 50s, 60s, and 70s." 0613 with TC. [FM-IL]

DX TESTS

- 640 **WWLS** OK, Moore. 11/7 very poor w/CKOG mixing w/unID SS in CKRC slop. 0100 DX test with TT 0101 & 0115. New for me. [SA-MB]
- 1300 **KWCK** AR, Searcy. 11/9 very poor in partial C1FX null. 0406 w/code IDs. New. [SA-MB]
- 1470(KMFI) AZ, Sierra Vista. 11/9 DX test not heard. WMBD & KWSL too strong. [SA-MB]

unIDs

- 940 unID 11/7 poor. 2155-2158 with ESPN radio into McRuff & Yellow Submarine spots. [SA-MB]
- 1150 unID 11/7 poor in CKX null, creamed by KSAL. 1735 with non-stop Polka music. Might be WHBY, any ideas on this one? [SA-MB]
- 1450 unID 11/9 initaly strong, but quick fade. 0301 with what sounded like "...listen to KOMC every weekday morning...." Heard on the 250 degree wire, so likely MO, NE, KS, OK, CO, or TX area. Might be FM simulcast. [FM-IL]

CDXR Continues.....

25 YEARS AGO

December 9, 1967 issue of DX Monitor...Bill Hardy of Pullman, WA logged WQXR while trying for KGHO....Ernest R. Cooper of Brooklyn, NY received a verie from HRH6-1335....Dave Martin of Palo Alto, CA talked about KOFI-1180 and the verie he received from them....The 1968 WRTVH was offered to IRCA for \$3.88.

OPEN MIKE

Integrity has no need for rules. Thanks to Shawn and Frank we have quite a column this week. Remember KEEP IRCA AND DX MONITOR ALIVE report often and take part in club elections. Billings '93. 73. John.

EDXR

EASTERN DX ROUNDUP
Leonard Hyde
1805 Whipple Dr #26
Blacksburg VA
24060-2436

**SUPPORT THE CPC! Send stamps, checks (no cash), targets.
IRCA CPC - P.O. Box 605 - Huntsville, AL 35804-0605**

This week, reports from the "Alabama Gang" (IRCA, not NASCAR.)

* * * THE REPORTERS * * *

- (LH-AL) Lynn Hollerman-514 Carrsbrook Road-Huntsville AL-35803
(JD-AL) J.D. Stephens-3715 Conger Road SW-Huntsville AL-35805
Panasonic RF-2600, Sony ICF-2001, several longwires
(ed) The editor at home with modified Philco-Ford car radio,
DX-440, 2' box loop, Autek QF-1

* * * THE REPORT * * *

- 950 WJPC IL, Chicago 10/12 0139 Fair w/local spots, weather, Top 10 countdown program. Rap music. "RAP RADIO WJPC" (JD-AL)
990 WHOO FL, Orlando 11/9 0245 Strong simulcasting FM. "Q-96 FM." Heavy metal music, spot for Daytona Beach Community College. (JD-AL)
1070 *KNX* CA, Los Angeles 11/5 0142 Strongest ever here. California GM dealer spots, slogan: "ONCE AGAIN, THE #1 STATION IN SOUTHERN CALIFORNIA IS KNX NEWSRADIO 1070." CBS news, local weather, nx, traffic, frequent time checks. (JD-AL)
CHOK ON, Sarnia 11/6 0141 Strong, mixing w/KNX. Spot for Binghamland, local tourism promo. "OLDIES 1070-CHOK" jingle. Oldies rock. (JD-AL)
1390 WTJS TN, Jackson 11/2 0518-0545 "FIRST IN JACKSON WITH YOUR FAVORITE OLDIES - WTJS." 0518 into music. Lots of GRM. Another ID 0533, ad for headache pillow. ID 0543, Ovaltine ad. Fair signal in GRM. (LH-AL)
1470 WRQQ OH, Youngstown 11/9 0250 Fair mixing w/WWWM, WMBD. Frequent "WCKC-FM AND WRQQ-AM 1470" IDs. (JD-AL)
WWWM OH, Toledo 11/9 0300 Out of nowhere w/"AM 1470 WWWM-THE LEADER" slogan, then gone. (JD-AL)

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& 11/9 0350-0359 "I Will Always Love You" by Whitney Houston, DJ announcements, then more CHR music. Heavy GRM. At 0355, "Sundown," followed by several PSAs. (LH-AL) (The timing of these 2 loggings make me wonder if a phone call was made. Hmm. - ed)

1540 CHIN ON, Toronto 10/28 0047-0108 0047 mentions of "AM AND FM 100.7" Heavy GRM. Hear country music, "Sports Byline USA" program. Lots of SP(?) Male DJ in SP, 0108 "MULTI CULTURAL RADIO IN TORONTO, THIS IS CHIN-AM AND 100.7, CHIN-FM." (LH-AL) (Lynn, by SP, I took it to mean that the interfering station(s) faded out. The country music was no doubt KXEL-IA. The "Sports Byline USA" may have been WPTR-NY. I have yet to hear WPTR here. CHIN and KXEL dominate. -ed)

* * * * * unID * * * * *

1600 unID 11/15 0730 who is the unID Spanish station with Mexican Nortena music who popped up for 2 minutes at near local strength? Doubt if real XE - too strong. 3 possibilities-WXTO is probably Cuban, leaving WAOS-GA and WUNR-MA. Which one likely to play Nortena? (ed)

* * * * * DX TESTS * * * * *

All IRCA DX Tests are arranged by J.D. Stephens. Thanks to him, Lynn Hollerman, Jim Pogue, and all who contribute to the IRCA CPC effort.

640 (WWLS) OK, Norman 11/7 0000-0015 No sign of this test. Lots of GRM. (LH-AL)

& 0100 DX Test not heard. (JD-AL)

780 WCKB NC, Dunn 10/6 0530 Weak u/WBBM w/code IDs, tones. (JD)

830 KBOA MO, Kennett 11/6 0105 Fair u/STRONGEST EVER WCCO. Voice IDs, code and march music. "KBOA-THE GENTLE GIANT." Test was supposed to run on the 5th, but the CE got his nights and mornings confused. (JD) (Working on 3rd shift, happens to me all the time. Think they'd reschedule, JD? -ed)

840 WBHY AL, Mobile 10/12 0205 Fair w/voice IDs, code, and Christian music, u/a strong WHAS. (JD-AL)

1290 (WQIN) PA, Lykins 10/20 (time?) NRC DX Test not heard. (JD-AL)

1300 (KWCK) AR, Searcy 10/5 The ORIGINAL test was a no-show, and was rescheduled for 11/9. (JD-AL)

KWCK AR, Searcy 11/9 0402-0423 good. Some GRM. Code, address, broadcasting info, march music. (LH-AL)

1320 (KXDL) OK, Clinton 10/12 Not heard. (JD-AL)

1360 (WLYN) MA, Lynn 10/26 Not heard here. (JD-AL)

1390 (WRIV) NY, Riverhead 11/2 0518-0545 No sign of it. (LH-AL)

& NRC DX Test not heard. (JD-AL)

1470 (KMFJ) AZ, Sierra Vista 11/9 0350-0359 No sign. (LH-AL)

1540 WSMI IL, Litchfield 10/28 (time?) Very good w/tones, code and voice announcements. (JD-AL)

& 10/28 0000-0003 Tentative. Possible code, long tone, then shorter tones, word "testing." Too much GRM. (LH-AL)

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UPCOMING DX TESTS IN AND AROUND EDXRLAND:

Monday Dec 7 - 0200-0300 - WRIX-1020 - Anderson SC
Monday Dec 14 - 0200-0230 - WDEA-1370 - Ellsworth ME
Monday Dec 14 - 0230-0300 - WABK-1280 - Gardiner ME

Don't forget to listen for DX Tests in other parts of the country. I publish reminders only on the ones that happen in the East.

* * * * f/c's * * * *

Please continue to listen for as many frequency checks as possible. The list published in DXM 963 needs updating. If a listed f/c is continually reported as not heard, it may be safely assumed it no longer exists, and may be stricken from the list. The club needs YOUR help.

760 WJR MI, Detroit 11/9 0120 Strong with test tones of varying pitch and duration. Several voice IDs mentioned calls and location. Didn't specifically say they were testing. (JD)

970 KJLT NE, North Platte 11/6 0105 Strong with tones of varying pitch and duration. Several voice IDs, mentioning: "THIS IS KJLT, NORTH PLATTE, TESTING ON 970 kHz. (JD-AL)

* * * OTHER STUFF * * *

From LYNN HOLLERMAN: Not a lot heard here...need to fix my antenna, but we may be moving soon, so I'm not sure if I should undertake that or not. (I know the feeling, Lynn - sounds like "loop" time. Incidentally, I'm saving your comments on your experiences with "white areas" for DX Techniques. Any other comments from anyone are welcome -ed)

* * * EDITOR'S DESK * * *

Thanks to LYNN and J.D. for a GREAT column this week!

On abbreviations... EDXR has stopped using most abbreviations, for one reason: we want non-members who order sample DXMs, who may not be familiar with our "language," to be able to read and enjoy the column. I question the real value of this every time I am faced with typing "announcer" rather than "anqr." However, another problem: reporters send me reports with abbreviations that I am not able to read or understand. Such abbreviations only confuse the EDXR editor (some say that's easily done!) as to the real meaning of your report. Please, if you abbreviate, use only the ones listed in the IRCA New Member Packet and make sure of the meaning beforehand. It's tough when you have to reject part or all of an otherwise excellent report because you just can't figure out what the reporter is saying. Thanks for your support.

References used for EDXR are the 1992 NRC Log and DX Monitor. Deadline here is FRIDAY 2 weeks before the DXM publication date. Times are ELT (Eastern Local Time.) 73 'till next time de LLH. (typed November 20)

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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.

13



Western DX Forum ★ ★ ★ ★ ★

Reid Wheeler 5910 Boulevard Loop SE Olympia, WA 98501

Deadline: Saturday 2 weeks before publication

Larry Godwin, 2390 Clydes Dale Ln, Missoula, MT 59801

(406) 721-5131

[11/15] Greetings! I haven't DXed more than an hour in the past month, and boy am I looking forward to Christmas break! I'm happy to see Dave Gleason, an IRCA Charter Member, has rejoined. Many thanks to Jim Hilliker for IDing my mystery "K-Star" on 1490 as KBAS, my first AZ graveyarder! I got a long verie from WNZA955-1620 in Pebble Beach, confirming power as 10 watts off a 19-foot antenna. Signer mentioned a report from Seaside, ORI Shawn Axelrod, please provide call-ID and location of your Brazilian beacon on 1700. I see J.D. Stephens is doing a dynamite job with DX tests again this year, even two from ME! I have mixed emotions about the proposal to absorb the DX Monitor into NRC's DX News. How (and why) would the IRCA government be preserved as a separate entity without our own bulletin? Phil, please provide details. I think there is enough interest in our hobby to sustain two clubs with their unique characteristics. On the other hand, if a new publisher doesn't come forth, I will be grateful for the proposal. Is anyone in the IRCA considering the publishing position at this time? Of course Ralph isn't stepping down until next summer. I think it would be helpful, Ralph, if you would briefly summarize your job and the time requirements. I'm happy that Billings is the only convention site proposal for 1993 and am looking forward to that event very much! I'm wondering why Mexican loggings are reported to both DXR and DXWW. Does our current editorial policy permit this? To me, DXWW seems the appropriate place. 73I

Shawn Axelrod, 30 Becontree Bay, Winnipeg, MB R2N 2X9

Well at long last the DX season seems to be upon us once again. This spring and summer were the worst on record for DX. Propagation seems to at long last come out of its ground wave mode. The lack of DX did give me a chance to work on fixing up my equipment and making up a wish list. The four-foot loop I built has been doing a great job. It has much better nulls than the three-foot version I have been using for the last 6 years. Also the PLAM board I mentioned previously has been doing a super job of pulling the stations out of the mud. The St Kitts Nevis station on 830 made it up here and with the loop nulling WCCO (no easy task here) and the PLAM pulling the signal out of the static it was the best catch of the season so far., Myself and Wayne McRae also went on a mini-DXpedition to Mountain, ND. Once we got across the border after declaring our equipment at Canada customs, to make sure we could return it without paying duty and taxes, and at US customs, where they could not figure out why 2 Canadians would drive 2 hours into a foreign country to listen to the radio, we had a great time. We stayed at Les Gier's home - a farm with lots of room for beverages. He was just getting back into the hobby and had never used beverages before. He now loves them HIII! His Drake R-8 didn't seem as good as our R-70's on MW but seemed better on LW. Some good catches that are in the appropriate columns by now. Hope you all have a good X-mas and a great happy healthy DX-filled 1993. 73 Shawn

John C. Johnson, 979 Neptune Blvd, Billings, MT 59105-2129

(406) 259-9210

It's not often a new IRCA member is also a Prodigy member. I recently heard from new member Donald Stepson of Savannah, GA. Donald was asking about loops to use with his NRD 525. Perhaps others will discuss various loops here. I hope before any decision is made to combine DX Monitor with DX News everyone is made aware of why IRCA was split from NRC in the first place. Until a new publisher is found we should maintain DX Monitor even if it is in the form of a two or three page photo-copied bulletin! Keep IRCA Alive! 73, John

Bill Hardy, 2301 Pacific Ave., Aberdeen, WA 98520

[11/19] In June 1993, when Ralph Sanserino and his wife retire, Ralph is stepping down as IRCA Publisher. IRCA President Phil Bytheway has been calling for a new Publisher for DX Monitor. One person has volunteered so far: Paul Swearingen. Paul publishes DX News, the attractive bulletin/magazine of the National Radio Club. Paul proposed to merge DX News and DX Monitor into one publication going to members of both clubs. Although Paul's first allegiance may be with NRC, he has served as an IRCA editor, and urged NRC's Board to overturn anti-IRCA actions by NRC's General Manager. Paul teaches journalism and uses computers and laser printers for most of DX News. If any one person on earth could pull off the bulletin merger, to the benefit of both clubs, Paul Swearingen would be that person. IRCA could benefit greatly, but our identity could be at risk. So I still favor having a separate DX Monitor, if a solid volunteer publisher comes forth soon. I think if no one comes forward by Dec. 31, we should seriously lay the groundwork for the club election on the matter and work out the logistics. My Board of Directors' vote will reflect the wishes of IRCA members. I know some of you feel a DX News-DX Monitor merger is long overdue, and others of you would rather die first! So put your feelings in writing, and mail a Forum to your editor by Dec. 15 so that your comments appear Jan. 2 at the latest. Or write a letter to me by Dec. 31; send a copy to Phil Bytheway, and to other Board members if you wish. My own reaction so far: Paul could do a great job, but I have many unanswered questions! 73 and good DX.

Your WDXF Editor

First, my thanks to those of you who apparently have heeded my call for WDXF contributions. Second, I hope that the material I have been getting concerning what is being called the 'DX News-DX Monitor merger' continues as rational discussion and concerns relating to the good of IRCA. Please do not send Forums that may be considered abusive, antagonistic, divisive between the two clubs or personal 'attacks' on past or present members of either organization. Such material will be deleted! Let's continue to focus on the real and immediate issue of the future of the DX Monitor as a separate publication. My personal view would include consideration of reducing the frequency of publication to no more than an every other week or twice a month schedule during the prime DX season. It does not appear to me that the nature of practically all the material currently being published (late-breaking DX test info could be an exception) is all that time-sensitive. This would obviously reduce the publishing workload somewhat. The weekly main-season schedule is a real killer for anyone who is holding down a full time job and/or going to school as most of us are. I don't want us to lose our identity or our independence but to do so we must remain open to alternatives in our expectations and services delivered.

EASTERN

DX

FORUM

Richard C. Evans
P.O. Box 21883
Milwaukee, WI 53221-0883

Deadlines: Saturdays Phone: 414-Atlantic 2-9035

R.C. Watts, 4109 Graf Drive, Louisville, Kentucky 40220-3016

I visited WHRS-1380, Hometown Radio Station in Winchester, KY which is really what I consider my home town. They gave me a coverage map and I took a couple pix. Format changed 11/4 from big band to "local easy contemporary blend of music...with lots of local news and information". WLFX, Fox 100 now WHRS-FM simulcasting the AM brother. Was out looking for station promos last weekend and found ABC and WHAS-TV11 doing America's Funniest People auditions in a mall. Scrounged a sticker and took some photos since I'd never seen anything like it. Unfortunately, my trained hawg had run off so wasn't able to try for the \$10,000. Besides CNN, "CNN Radio AM 680" in Louisville simulcasts local news from WAVE-TV3. WHAS-840 to carry both U of L and UK basketball. Saw a white van parked in a shopping center. Has a good sized green head on the roof which may be a duck with teeth or a dinosaur. Pizza delivery? No--it's WOMF-95.7, one of the local rock stations. Happy Holidays!

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Gary Siegel, 2955 - 115th Street, Toledo, Ohio 43611

It has been a while since the last time I reached these pages and an update on things is necessary at this point. (How necessary is something you'll have to decide, hi.) Since last I appeared here I've gotten married to a wonderful lady named Jeannette. Some of you in the club were in attendance at our wedding and this was quite pleasing for both of us. Jeannette understands this hobby and tolerates it but she, herself, doesn't care to tune in the rubble of noise that goes with fishing for DX. She is good about alerting me when particular stations are off the air and even has seen one TV station on my mom's set when I and my mom were away in Fla back in '89, (alas, she couldn't go at the time), while house-sitting for us at my mom's. (Was ch. 11, CKWS-TV, out of Kingston, Ont.) Naturally I knew despite the fact that she'd gotten one that I don't have, she'd make a good wife, hi! So there is at least some latent interest in DXing for her. I should also take time to congratulate DXers Paul Mount and Doc Elliott on their weddings this year. I was able to make it to Paul's down in North Carolina back in March. They, like Jeannette and I, had a warm sunny day, although we didn't have any hail storm during our day like was the case in Hickory, NC. We honeymooned in Newfoundland, drove there and back; was quite an experience. Most interesting listening to and taping the 'Newfies' and visiting the likes of VOWR-800 and VOCM-590. It really is quite pretty and pristine up there, quite refreshing and best of all we had fine weather for that adventure as well. While having been busy most of 1992, there has been time for some DX, most of which has taken place since 10/26. At 0602 on 10/26 caught a WX-cast for Long Island followed by a singing ID for WLNG and into oldies. Nice to hear this good little station in Sag Harbor, NY. At 1833 on 10/30 I noticed some chatter in EE under WJR. In nulling out the big 760 I was able to catch an ID for KCCV in Overland Park, KS. Caught a fair amount of their newscast and an editorial before their 1845 s/off. At 0040 on 1220 on 10/31 were many MO mentions including info for rock concerts in St. Louis. Hrd a TX for 334-99FM and into CHR. This one is KCGQ in Cape Girardeau. This one is // to the 99.3 in Gordonville, MO. On 10/28 and 10/29 I caught my local WVOI-1520 off and at SSS this helped yield WKZQ in SC with mentions of their 102-FM. On 10/31 at 1856 I got a call from NRCer Ken Romstadt who advised he had Rollingwood, TX under local WSPD on 1370. Sure enough at 1900 we caught a legal ID for KFGI and later some mentions for 'Froggie' 94 which is another FM in the Austin market with whom they have an LMA. On 11/1 at 1645 caught the s/off of WWAX-750 PA and into the SSB by Whitney Houston. Just before election day, got a premonition type of catch in the form of KVSA-1220; this one from Ark., for me, foretold the outcome of the Presidential race--proved true didn't it! On 11/3 at 1720 hrd the newly moved WINU on 880, had local bowling scores on their sports report. Never heard on 1510. On 11/5 at 1723 I noticed some R&B on 860, after waiting the song out I caught a WNOV ID completing Milwaukee for me and nailing a most wanted as well as one of my nearest unheards. (to be continued) (Gary, congrats on the marriage, I think most of the stations you put in the Forum belongs in DXR---rce)

Rick Evans, 4841 South 26th Street, Milwaukee, Wisconsin 53221-2937

Gary asked me to add the following in my Forum--"in regard to a recent mention of a 580 unID-possible WTCM or CKWW, definitely no such station in Toledo metro on 580. CKKW Windsor covers us nicely. Besides Maumee, Ohio is the prime grain distribution for the Anderson's grain elevator and as such give price quotes to many Midwest stns, i.e., WOWO-1190, etc. Often Anderson's in Maumee is mentioned. Likely was WTCM since those were calls he thought he heard. DXers shouldn't be fooled into thinking they have a Toledo station." For myself, I've been busy putting my Kalamazoo and Philadelphia DX records into the computer. It was interesting looking back at what I heard in those days, with Kalamazoo being my amateur days (so to speak) and then Philadelphia starting after 12 years experience DXing in the Chicago metro area. Also the equipment was much better while I was out east. The only problem was that I couldn't stand the rock music on so many stations out there between 1978 and 1987, and so I didn't spend as much time at the dials as I could have. In those 9 years, I only logged 248 stations. Here in Milwaukee in just over 4 years I'm now up to 243 stations (with 6 of them this weekend). If it hadn't been for the rain and static Sat and

Sun. I might well have gone over that 248 mark. I did pick up one report to type up, to WCCN-1370 Neillsville, WI, my old semi-local when I was up in Rapids. No sign of my semi-local here, WKSH in Sussex, Wisc. That's it for this week. See you in seven days. 73.

DX TECHNIQUES

Leonard Hyde
1805 Whipple Dr #26
Blacksburg VA
24060-2436

USING THE COMPUTER IN DXING - PART 1

Personal Computers and DXing
Mark Connelly - WA1ION - 17 NOV 1992

There are many uses for PCs in the DX hobby. The most common use is word processing: typing the text of reception reports, DX club column submissions, correspondence, and feature articles. A great benefit is the ease with which old text files can be "cloned" to be dodged into new ones - this definitely reduces the work in writing reports to stations, for instance. Spell checking, and the ability to search many files for key words also improve efficiency. Databases in the form of station lists, loggings, member's names/addresses, lists of reference books/articles, etc. allow sorting in many ways - e.g. stations in call order, frequency order, or by state. An outfit in New Hampshire (Di-Dah) sells databases which amount to huge bibliographies on subjects such as antennas, receivers, and propagation.

Other computer uses include software for great circle distance/bearing, sunrise/sunset/greyline determination, propagation forecasting, and design of antennas and RF circuits. Such software is frequently available as ham radio shareware at low prices.

Many PC users are into modem networks, E-mail services, such as CompuServe, Prodigy, America On-Line, and Genie. It's a great way to share DX tips, or download large logging lists, technical articles, and DX software. Computers were important to the success of the 1991 Newfoundland DXpedition and it's subsequent reportage. DX software aided decisions about how to lay out antennas and when to listen. But most of all, the use of the INTERNET helped an important post-DXpedition information exchange. Bob Foxworth in New York downloaded the complete NF DXpedition report (from a disk I'd sent him) onto INTERNET. It was soon read by a network participant and avid DXer in Finland! He, in turn, posted a large report of a DXpedition in he'd participated, packed with Finnish loggings of MW DX from all around the world. This report was then picked up on the net by none other than Dr. Jean Burnell in Newfoundland!

CD-ROMs are coming on strong now; they allow storage comparable to hundreds of floppy disks. Currently general-use reference books such as dictionaries, encyclopedias, and atlases are available. These are, of course, frequently of use to DXers. Tool and electronics parts catalogs on CD-ROM are available to the homebrew enthusiast. Some ham and shortwave-oriented CD-ROMs exist; medium wave might be too much of a niche interest to warrant CD-ROMs at their current production costs. But, wouldn't it be great to have the entire collection of DX Monitors since the 60s, including technical articles and loggings by people like Gordon Nelson, all scanned on to one CD through which a sophisticated editor could search for and find key topics, names, station calls, etc. in a matter of seconds? The ability to cut and paste words and pictures from CD-ROM articles to new articles speeds up the creative process. You wouldn't need a reprints service - just get the one CD, perhaps with updates every 3 or 4 years. Bernoulli-box drives-removable disks with hard drive-like capacity (e.g. 90 megabytes) could be used if CDs proved too expensive.

Scanners with optical character recognition allow paper to be converted to electronic files. Pre-computer age master works on tube receiver design, for instance, can be transferred from hundreds of pages of deteriorating paper to a 3.5 inch diskette that fits into a shirt pocket, and can be replicated onto optical-disk media that could outlive the paper, and take up far less space. (To Be Continued)

Next time, the conclusion of Mark's article, and comments from others.
73 de LLH.

Dallas Lankford, 20 XI 92

Don't mothball your R-390A yet for an R8. The R8 has some problems with second and third order intermodulation distortion products (IMD2 and IMD3), inadequate sensitivity, hiss, and filter ultimate rejection which may deter some DXers.

Receiver manufacturers should specify the second order intercept (ICP2) and the second order dynamic range (DR2) of their receivers, but they don't. I have been aware that inadequate ICP2 can cause a DXer problems for about 10 years, ever since I started building loop antennas. More recently, I have been educated on how difficult it is to tame IMD2 while trying to develop IMD2-free broadband active antennas. Take my word for it, it is a bad old problem. It is difficult to say what the minimum ICP2 and minimum DR2 should be for a receiver to be free from IMD2 under normal use. In fact, it depends on the receiver design and the antenna which is used with the receiver. An R-390A typically has ICP2 = +39 dBm and DR2 = 88 dB. Since I have never heard any IMD2 products on an R-390A which originated in the R-390A in normal listening situations, it follows that an ICP2 of +39 dBm and a DR2 of 88 dB is adequate for a receiver with a tuned front end, except in exceptionally high RF environments. Russ Scotka has told me that he can detect daytime IMD2 with the BFO on for one of his super local MW signals, and it is likely that other MW DXers in very high RF environments can similarly detect IMD2 on an R-390A. For a receiver with a broadband front end, like the R8, I do not know what ICP2 and DR2 values would be adequate. But it has become clear to me that the R8 values, ICP2 = +22 dBm and DR2 = 75 dB, are inadequate. Many evenings within a few hours after local sunset I have observed numerous IMD2 products on the R8 between 15.600 and 15.800 MHz. Most of them were only observable as hets in CW/USB/LSB modes, but a few were strong enough to be IDed had I been so inclined.

IMD2 arises as the sum or difference of two signals due to non-linearities in active devices, passive devices, and other components in a receiver. For two AM signals with carriers of frequencies f_1 and f_2 , IMD2 will be found at frequencies $f_1 + f_2$ and $f_1 - f_2$ (or $f_2 - f_1$, depending on which frequency is greater). For example, an IMD2 product on 15.675 MHz could be caused by one signal on 6.125 MHz and another on 9.550 MHz.

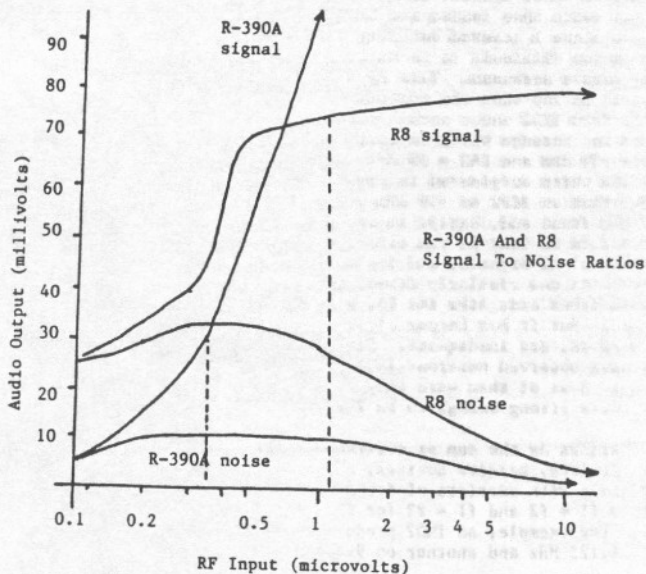
The R8 also has inadequate third order intercept (ICP3) and inadequate third order dynamic range (DR3). Most days this fall I can observe IMD3 from my 1490 KHz super local and 1130 KHz Shreveport 70 miles away (2x1490 - 1130), and at night I observe many IMD3 products between 1600 KHz and 2100 KHz or so.

Where are these IMD products originating in the R8? I don't know for certain. But after doing some calculations using MiniCircuits data for their SBL-3 mixer, the R8 first mixer, I got an ICP2 of +22 dBm and an ICP3 of +6.5 dBm, which is in close agreement with the measured intercepts of my R8. This suggests that the IMD observed on an R8 originates in the first mixer. The R8 first 45 MHz IF amp could also contribute to the IMD products observed in the R8. So it would appear that improving R8 IMD performance would require major surgery on the R8 front end.

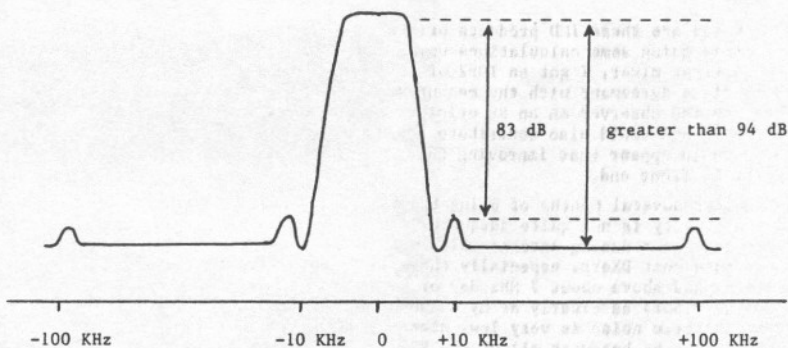
After several months of using the R8, it has become clear to me that the R8 sensitivity is not quite adequate. In addition to having a quiet location, I use a noise reducing antenna which makes my ambient man-made noise floor much lower than most DXers, especially those in urban areas. Below about 2 MHz during the day, and above about 7 MHz day or night the R8 does not hear weak DX (at my noise floor) as clearly as my R-390A. In some cases, namely when man-made or atmospheric noise is very low, signals can be heard clearly on the R-390A which cannot be heard at all on the R8. The graphs below of R8 and R-390A signal and noise ("signal" modulated by 1000 Hz at 50% modulation, "noise" unmodulated) reveal why weak signals are obscured by hiss in the R8. The R-390A requires about 0.35 microvolts for a 10 dB S+N/N, while the R8 requires slightly more than 1 microvolt for 10 dB S+N/N. That may not seem like much of a difference, but it should be remembered that many signals of interest to a DXer are less than 10 microvolts. The graphs reveal another aspect of S+N/N which is more important with regard to hiss than the sensitivity difference. For signals in the 1 to 10 microvolt range, the R-390A S+N/N is 20 dB or greater, while

the R8 requires a signal of at least 10 microvolts for a 20 dB or better S+N/N. Thus, for a DXer at a quiet location, many signals of interest are clearer on the R-390A than on the R8. This is especially true of very weak daytime MW DX. For nighttime domestics or splits, which are stronger, there is no difference.

A substantial amount of the hiss (receiver noise) in my R8 originates in the 50 KHz IF. I determined this by disconnecting the miniature coax which connects the RF PC board to the IF PC board and observed that the hiss was only slightly reduced. Similarly disconnecting the R-390A IF subchassis from the RF subchassis produces a dramatic drop in receiver hiss. Thus, it appears that the R8 stage gain distribution is not appropriate.



R8 Wide Filter Response



There are various ways of measuring filter response. One way, which reflects how a receiver is used in practice, is to inject a strong signal from a signal generator and observe the response as the receiver is tuned away from the signal. The above graph represents such an observation for a typical R8. Since the R8 S-meter (calibrated by a precision signal generator) was used for these measurements, the ultimate rejection was greater than the test instruments, i.e., the ultimate rejection could only be specified as greater than 94 dB.

THE INTERNATIONAL RADIO CLUB OF AMERICA (IRCA)

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

CLUB ADDRESSES AND OFFICERS

President: Phil Bytheway, 9705 Mary NW, Seattle, WA 98117 (206) 356-3927 (proposal*)
Secretary-Treasurer: Ralph Sanserino, 11300 Magnolia #43, Riverside, CA 92505 (dues/address changes)
Board of Directors: Shawn M Axelrod, Michael S Hardester, Bill Hardy (chairman), Ric Heald, Albert S Lobel, Patrick Martin and Robert Wien
Editor-in-Chief/Publisher: Ralph Sanserino, 11300 Magnolia #43, Riverside, CA 92505
Publishing Coordinator: Phil Bytheway, 9705 Mary NW, Seattle, WA 98117

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