

DX MONITOR

THE OFFICIAL PUBLICATION OF THE  INTERNATIONAL RADIO CLUB OF AMERICA

DEVOTED EXCLUSIVELY TO BROADCAST BAND DXING

JULY 18, 1992 - VOLUME 29 - NUMBER 33 - EDITION 958 - ISSN 0899 - 9732

NEW MEMBER: SCOTT NORFOLK. **RENEWALS:** GEORGE ANDERSON, G HARLEY DeLEURERE, DAVID LEWIS, RANDY TOMER, PAUL LaFRENIERE, JOSEPH FELA...THANK YOU ALL..

REPRINT SERVICE: STEVE RATZLAFF 1885 E BAYSHORE #90 E PALO ALTO CA 94303

BOOKSTORE: PHIL BYTHEWAY 9705 MARY AVENUE NW SEATTLE WA 98117

IRCA POSITIONS AVAILABLE: PUBLISHER, EASTERN DX ROUNDUP EDITOR, VERIFICATION SIGNERS, ACHIEVEMENT AWARDS CHAIRMAN, CONTEST CHAIRMAN, GRAVEYARD/HEARD/VERIFIED DX RECORDS EDITORS, NEW MEMBER PACKET REVISION COMMITTEE AND PUBLICITY CHAIRMAN...CONTACT PRESIDENT PHIL BYTHEWAY FOR DETAILS...

PHIL BYTHEWAY: I WILL BE ATTENDING THE CONVENTION IN HUNTSVILLE. IF YOU HAVE A PROPOSAL YOU FEEL SHOULD BE DISCUSSED AT THE BUSINESS MEETING, PLEASE SEND IT TO ME BY AUGUST 17th....PHIL BYTHEWAY.....

IRCA MEMBERSHIP LIST: THE IRCA MEMBERSHIP LIST WILL BE PUBLISHED IN SEPTEMBER 1992. IF YOU DO NOT WANT YOUR NAME ON THE LIST, FOR WHATEVER REASON, PLEASE CONTACT RALPH SANSENERINO AS SOON AS POSSIBLE. THOSE NOT CONTACTING RALPH BY SEPTEMBER 1st WILL APPEAR ON THE LIST. THIS LIST WILL GO TO IRCA MEMBERS ONLY.....THANK YOU.....PRESIDENT PHIL BYTHEWAY.....

1992 IRCA CONVENTION

The 1992 IRCA convention will be held in Huntsville, AL **August 21, 22 & 23** at the Holiday Inn Research Park, 5903 University Drive, Huntsville, AL 35816. Room rates: **\$45 + 10% lodging tax** for either (1) A room with two double beds or (2) A room with one king size bed. Reservations can be made by calling **1-800-845-7275**, M-F, 8:30 AM - 4:30 PM CDT. Please mention IRCA when making the reservations. There will also be a **\$25 reservation fee** made payable upon arrival to IRCA. This reservation fee includes the cost of the Saturday night banquet, as well as refreshments during the convention. Check in time at the hotel is 2:00 PM and checkout time is 12:00 noon. Convention committee co-chairpersons are:

J.D. Stephens
3715 Conger Road, SW
Huntsville, AL 35805
Home: (205) 650-0642
Work: (205) 961-4353

Lynn Hollerman
514 Carrsbrook Road
Huntsville, AL 35803
Home: (205) 883-1668

Items to be donated for the auction may be sent to Lynn Hollerman. For a convention kit, including a map to the hotel, please contact J.D. Stephens.

BROADCASTING INFORMATION

EDITOR: ROBERT WIEN 1309 DENTWOOD DR SAN JOSE CA 95118

DEADLINES: 2nd & 4th Saturdays.

Compiled: 6/14/92

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

NEW STATION APPLICATIONS:

(NONE)

NEW STATION GRANTS:

(NONE)

CONSTRUCTION PERMIT ACTIVITY:

(NONE)

FACILITY & PARAMETER APPLICATIONS:

| | | |
|-------------------|----------|---------------------------|
| MA. Dedham | WBMA-890 | 3000/25000 (CP) |
| OR. Junction City | KZTU-650 | change to 660 khz. (CP) |
| Troutdale | KZTW-860 | 50000/450, change DA (CP) |

FACILITY AND PARAMETER GRANTS:

| | | |
|--------------------|-----------|---------|
| NC. Charlotte | WQGR-1540 | 2500 w. |
| OH. East Liverpool | WOHI-1490 | 660/660 |

CALL LETTER CHANGES:

| | | |
|--------------------|-----------|--|
| AL. Alexander City | WXTH-1050 | becomes WTLM |
| Andalusia | WWSF-920 | becomes WKYD |
| Tuscaloosa | WZBQ-1150 | becomes WSPZ |
| AZ. Tucson | KCEE-790 | becomes KWFM |
| CA. Carmel Valley | RHKN-540 | becomes KIEZ |
| CO. Englewood | KFRR-1150 | becomes KCUV |
| Gunnison | KGUC-1490 | becomes KPKE (K-peak) |
| IN. Indianapolis | WFXF-1430 | becomes WCRN |
| MI. Charlotte | WNLF-1390 | becomes WNNY |
| NV. Virginia City | new-1160 | becomes KNKQ |
| PA. Kane | WKZA-960 | becomes WQLE |
| PR. San Juan | WVOZ-870 | becomes WQBS |
| SC. Rock Hill | WYRS-1150 | becomes WAVO (CP) |
| UT. Tremonton | KZZK-1470 | becomes KUFA (see note after "Format Changes" on this) |

FORMAT CHANGES:

| | | |
|-----------------------|-----------|--|
| AL. Albertville | WXKX-1090 | was religion, now silent |
| Andalusia | WKYD-920 | was WWSF, CHR//FM, now Unis. stds/talk |
| AR. North Little Rock | KPAL-1380 | was nx, now silent |
| CA. El Centro | KAMP-1430 | was oldies/talk, adds JSA oldies |
| IL. Mount Carmel | WYER-1360 | was country, adds JSA country |
| IN. Indianapolis | WCKN-1430 | was classic rock//FM, now SMN Real C&W |
| Terre Haute | WBOW-1230 | was AC, now Unis. stds. |
| KY. London | WMAK-980 | was SMN Kool oldies, now SMN Pure oldies |

LA. Abbeville KROF-960 was C&W //FM, now oldies/Cajun //FM
 Slidell WSLA-1560 was nx/talk, adds AFR talk
 MD. Brunswick WTRI-1520 was silent, now talk/bluegrass/jazz
 MI. Bay City WUNI-1440 was cotemp. Xtian, now Unis. CNN Headl nx
 Cadillac WATT-1240 was oldies, adds Unis. stds.
 NV. Reno KXEQ-1340 was silent, now Spanish
 NC. Wilmington WWIL-1490 was urban, now silent
 Yanceyville WYNC-1540 was silent, now country
 OH. Columbus WCOL-1230 was oldies/talk, adds Talknet talk
 OK. Muskogee KBIX-1490 was country, now AFR talk
 PA. Kane WQLE-960 was silent, now soft AC/talk
 Washington WKEG-1110 was nx/talk, now silent
 Waynesboro WEEO-1130 was AS, now silent
 TN. Elizabethton WITM-1520 was southern gospel, now silent
 TX. Athens KLVQ-1410 was Contemp. Xtian, now SUN nx/talk
 Breckenridge KR00-1430 was KSTB, silent, now country //FM
 Conroe KSSQ-1140 was silent, now gospel
 Houston KPRC-950 was nx/talk, adds Unis. CNN Headl nx
 WA. Raymond KAPA-1340 was country, now silent
 WV. Parkersburg WLTP-1450 was oldies/talk, now country//FM, talk
 WI. Sun Prairie WMAD-1190 was nx, now silent

Ye editor passes on 2 tips:

CO. Hayden KRMX/KIDN-1000 per call to directory assistance, still no listing for this station, called original no., also no. of 'new' owners, both no.'s are disconnected, so assume station is silent.
 UT. Tremonton KZZK/KUFA-1470 per call to directory assistance, no listing f/either calls, called original no., has been disconnected, assume station is silent.

I'm currently recovering from my surgery, but I'm progressing well and should be up and running soon, I've had time to check on other nagging bits of info I've been wondering about such as above. 73's.

DEADLINES: 2nd & 4th Saturdays.

Compiled: 6/27/92

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

NEW STATION APPLICATIONS:

(NONE)

NEW STATION GRANTS:

(NONE)

CONSTRUCTION PERMIT ACTIVITY:

(NONE)

FACILITY & PARAMETER APPLICATIONS:

HI. Honolulu KUMU-1500 50000/50000
 NY. Mechanicsville WMVI-1160 50000 w., change DA

FACILITY AND PARAMETER GRANTS:

(NONE)

CALL LETTER CHANGES:

IN. Evansville WIKY-1400 becomes WJPS
MI. East Lansing WVIC-730 becomes WVFN
WV. Saint Albans WKAZ-1300 becomes WCOZ

FORMAT CHANGES:

CA. San Luis Obispo KRCB-1400 was country, now country //KIXT
FL. Saint Petersburg WSUN-620 was country, now nx talk, programs
local morning drive, talk programs
from WIOD-610 and WSB-750 rest of day
KS. Ulysses KULY-1420 was oldies //FM, now country
LA. Lafayette KACY-1520 was AS, adds SMN stds.
West Monroe KMBS-1310 was AS, now silent
MD. Bel Air WHRF-1520 was silent, now talk
La Plata WMOM-1560 was SMN stds., now SMN country
MI. Dimondale WKLA-1180 was urban //WOHH, now black oldies
MS. McComb WAKK-1140 was country //WAKH, now SMN country
NY. Amsterdam WCSS-1490 was full svce AC, now //FM 1PM-5:30AM
Buffalo WWKB-1520 was business/talk, adds Unis. CNN nx
NC. Jacksonville WLAS-910 was silent, to be talk
OH. Canton WCER-900 was WEXT, silent, now AS
East Liverpool WOHI-1490 was SMN stds., now SMN Pure Oldies
Marysville WUCO-1270 was silent, now SMN Real country
PA. Erie WEYZ-1330 was AS, adds Unis. stds.
TN. Smyrna WKXB-710 was silent, now southern gospel
TX. Amarillo KPUR-1440 was Spanish, rptd. silent
Denison KDSX-950 was country/talk, now talk only
VA. Norfolk WCMS-1050 was country//WCMS-FM, now silent, to
return to air approx. July 15
WY. Evanston KEVA-1240 was SMN Pure Oldies, now SMN AC

A relatively small column this time around, not much happening at the FCC during the summer, I guess. Have a happy 4th of July! 73's.

The 13th Edition of the National Radio Club AM Radio Log!

This 25th Anniversary edition of the hobby's original BCB reference for the U.S. and Canada has been totally proofed and edited and packed with the quick-reference station data that you've always loved. Available for shipping after the 1992 National Radio Club Convention Labor Day weekend in Omaha, NE! By direction of the National Radio Club Board of Directors, this publication is being offered to all members of IRCA at the NRC membership price of \$16.95 to U.S. addresses and US\$17.95 to Canadian addresses. Order from NRC Publications - P. O. Box 164 - Mannsville, NY 13661-0164

IRCA AM-FM ALMANAC UPDATERS:

UPDATER 5.5 OUT NOW; UPDATER 5.6 COMING SOON!

Updater 5.5 features 1992 baseball, Spanish networks, Interstate Radio Network, and AM slogan updates.

Updater 5.6 will feature "Talk Networks 1992," a complete guide to radio talk, with schedules, formats, indexes by title and host, and all available station listings. Order now for August-September shipment.

Coming in October: Updater 5.7, featuring NFL and college football.

Still available: Updater 5.1 - Almanac index, AM slogans. Updater 5.2 - Satellite Music Network, Unistar/Transtar, talk updates, BRN, 1991 baseball. Updater 5.3 - Rush Limbaugh, TIS/Highway Radio update, NHL hockey, NFL and college football. Updater 5.4 - Updates to ABC, AP, UPI, USA, ESPN, SEN, Canada nighttime music, and basketball.

20 pages each, \$2 U.S. and Canada, \$3 elsewhere, payable to IRCA, from Bill Hardy, 2301 Pacific Ave., Aberdeen, WA 98520. Thank you!

DX WORLDWIDE II

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

Another chapter was recently written in the US-Cuba radio war. According to a 4/15 article in the Seattle Times, the US began daytime TV Martí broadcasts to Cuba on April 1. The broadcasts were for 1½ hours a day on channel 13, which was not being used during the day. Cuba had recently curtailed daytime TV broadcasts on this channel due to a severe energy shortage. Previously, TV Martí had broadcast only during the early morning hours.

Cuba, of course, was very upset by the move and began airing an all-day test pattern on the channel. The Cuban foreign ministry fired off a major protest over the broadcast, claiming it caused "harmful and illegal interference" and was a threat to Cuban sovereignty. On about April 14, the midday TV Martí transmissions were curtailed.

The Cuban response may have also involved cranking up the power on some AM transmitters (again). Cuban interference was reported on 830 1040 1100 1160 & 1180, causing stations in Florida, Ohio, N Carolina & Iowa to file written complaints with the FCC. The article said Cuban signals "began interfering with their AM programs" shortly after the daytime TV broadcasts started.

WESTERN HEMISPHERE

The Japanese DX club, Radio Nuevo Mundo, has come out with its 5th edition of "LA Dxing", a booklet filled with information on stations throughout Latin America. Although geared primarily to tropical band stations, there may be some material of interest to medium wave DXers. You can order a copy from Tetsuya Hirahara, 5-6-6 Nukui-kita, Koganei-shi, Tokyo 184, JAPAN. The price is US\$15.00 (cash, International Postal Money Order, or Postal Giro Account (Tokyo 8-89806)) or 16 IRC's.

BRAZIL: The 1992 edition of the Brazilian medium wave, shortwave & FM station list is available. It lists freq, call, power, slogan, location & sked for 3000 stations. Cost is US\$4.00 (cash only) or 8 IRCs from Suriname DX Club International, Bechaniestraat 58, Paramaribo, Suriname. (DXA)

COLOMBIA: HJSQ-1020 R Robledo ex-1580, HJLI-1520 Ecos del Palmar, ex R Ecos del Palmar is on 1100-0500 w/10kw. [Arctic]

• Radio Cadena Nacional (RCN) has 68 MW & 43 FM stns. Of the 68 MW stns, 28 belong to RCN, 20 to RCN Antena 2, 5 to R El Sol, & 15 have different names. A recently acquired list matched WRTH92 except delete HJSL-1150 and add HJYZ-1100 HJGP-1110, HJBT-1150, HJWA-1170, HJOB-1190 and HJBK-1400. Other changes found in the list: HJMV-910 RCN San Andres ex-HJNY, HJKO-1340 RCN Neiva ex HJKD, HJHA-1340 RCN Nariño ex HJNA, HJCC-1400 RCN Antena 2 Santa Bárbara ex HJLL, HJML-1450 RCN Antena 2 Manizales ex HJNL, HJZV-1460 RCN Antena 2 Pasto ex HJZU. [TRN]

• Changes from Cadena Super network vs WRTH92: drop HJOM-1090, add HJZD-1010 HJNC-1110 HJZB-1490. [TRN]

• The Todelar network has 66 MW & 8 FM stns. Delete from WRTH92 Todelar list: HJKK-840 HJOV-1050 HJBT-1150 HJMN-1350 HJOZ-1350 HJID-1380 HJMP-1500 HJIP-1590. Powers etc in Todelar list which differ from WRTH: HJAD-820 25kw, HJFY-900 10kw, HJDO-910 25kw, HJCS-930 10kw, HJGB-940 10kw, HJDO-1020 5kw, HJJP-1080 10kw, HJIS-1080 15kw, HJIA-1090 20kw, HJAC-1130 10kw, HJAZ-1160 1kw, HJAU-1160 2.5 kw, HJEV-1160 10kw, HJWA-1170 2kw, HJKW-1170 10kw, HJTP-1230 1kw, HJCM-1290 1kw ex-1280, HJOG-1300 5kw, HJNY-1340 10kw, HJBD-1370 1kw, HJSN-1420 R Lenderke (not Lenderque), HJBP-1430 1kw, HJEG-1430 1kw, HJII-1470 1kw, HJOD-1480 1kw, HJAZ-1510 5kw, HJHD-1540 1kw, HJZP-1560 2kw. [TRN]

CUBA: Changes to WRTH-92:

- R Cadena Habana is being for the 19 districts of La Habana on 1070 1080 1090 1120 1140.
- R Artemisa has been IDing as CMAB.
- R Ciudad del Mar (1340 Palmira & 1350 Aguada de Pasajeros) broadcasts 1100-0600. addr: PO Box 290, 55100.
- R Relej. Guanabacoa is on 760 but can be hrd on harmonic of 1520.
- R Camoa is on 1490 w/250w 1000-0200. QTH: Avenida 47 #10202, entre 102 y 104, San José de las Lajas, Provincia Habana CP 32700.
- R Jaruco-1390 1kw, QTH: Avenida 25 #1810 entre 18 y 25, Jaruco, CP 32800 Provincia Habana.
- R Ariguanabo-1200. 250w, QTH: Avenida 41 #5614, entre 56 y 58, San Antonio de los Baños, CP 32500 Provincia Habana.
- R Güines-1440 250w 1000-0200, QTH: Calle 76 #7707, entre 77 y 81, Güines, CP33900 provincia Habana
- As of Jan 92, all Cuban stns carry "Informativo Nacional" 1800-1830. [Arctic]

DOMINICAN REPUBLIC: On 2/14/92 Radio

Enriquillo-1020 was ordered by the Dominican government to stop airing Creole news reports. The news program "Nouvelles d'Haiti" (News from Haiti), began broadcasting a few days after the coup d'etat in Haiti in 1991. To get around the restrictions, R Enriquillo staff have begun to sing news reports and communiques. The following are excerpts from an interview with Enriquillo's director, Pedro Ruquoy, on 3/12/92. (Originally published in "Sak Pase," a clandestine bulletin in Haiti).

"On Feb. 14, we received a telegram from the Director of Telecommunications, ordering R Enriquillo to suspend the Creole program "Nouvelles d'Haiti." Dominican President Joachim Balaguer declared that the problem was not the language of the program, but its contents... In his telegram, the Director of Telecommunications stipulated a complaint from the Haitian authorities, that the program be suspended because of the content of its messages. According to President Balaguer, R Enriquillo was calling for violence and was providing subversive news... We are still not broadcasting the traditional Creole news reports. We are trying to get the Dominican government to lift its censorship measures." [Peacenet via SW Echo]

MEXICO: Carl Huffaker says contrary to a report in Vol 29 #29, XET is still on 990 rather than 970, and XENO-1580 moved to 640 several years

ago w/10/.5kw & slogan "LV de la Proviencia Desde la Proviencia". Carl also says the Commission on Radio & TV is selling the government owned TV stations & will soon sell govt owned FM & AM stations. According to a constitutional amendment last December "the church has the right of access to the media of communication", which means religious radio is not far off. [Paraphrased from a letter from Carl]

NICARAGUA: YNALN-620 R Nicaragua slogan "LV Oficial de la Gobierno Central". YNARS-750 R Sandino slogan "La S Grande", addr Apartado 4776, Paseo Tiscapa, Managua [Arctic]

PANAMÁ: R Sitrachilco-1370 Puerto Armuelles is new slogan "Los 1370 más alegres del mundo", founded 11/13/86 ("new" station eh? bp), 1kw sked 1000-0100 M-Sa, Su 1200-2200, addr: Apartado 03, Puerto Armuelles, Chiriqui, Panama [Arctic]

PERÚ: Lima-1040 now Ids as "Radio Red. La Nueva Voz del Perú", ex Onda Popular. [NZDXL]

VENEZUELA: YVOY-540 is 100kw
YVLH-650 Raraguena 650. ex-R Moderna, airs only Venezuelan folk mx
YVKY-710 is 24h Sat & Sun
YVMT-730 new address: Avenida Venezuela, Edificio San Martin, Barquisimeto 3001, Estado Lara
YVKY-750 sked 1000-0400
YVRH-790 R Nacional, Cd Bolivar, started being 2/92
YVXM-790 R Minuto ex-1340 50kw.
YV...-800 R Fé y Alegria 1000-0200
YVLP-810 R 810, ex R Rumba
YVMY-840 same addr as YVMT-730
YVKG-950 R Rumba 950 is 20kw, but plans to go to 50kw soon
YVMF-1120 new slogan Super Ondas Gaitera
YVKQ-1130 Larense Musical, ex Musical Larense, 24 hr Sat & Sun
YVQD-1150, 24hr Sat & Sun
YVQV-1170, 24 hr Sat & Sun
YVLQ-1180, YVLQ Super Suave 11-80, now here ex 1184-1187
YVZO-1220 R Aeropuerto now AM stereo & will increase to 40kw.
YVVM-1220 now 20kw
YVRM-1260 R Suave is 24hr Sat & Sun
YVSJ-1400 R 1400 24hr Sat & Sun
YVTP-1420 24hr Sat Sun & Mon
YVXC-1450 24hr Sat & Sun
YVRZ-1500 24hr daily
YV...-1510 R LV del Centro belongs to Sistema Super network, 20kw. Addr: Avenida Bolivar, Edificio Padre Cecilio Avila - Penthouse, Guaique 2010, Estado Carabobo
YVFP-1580, 24hr Sat & Sun [TFN]

TRANS-PACIFIC

AMERICAN SAMOA: KBQN-585 Pago Pago will be 50kw covering most of the Pacific. CP for the stn now owned by Chris & Judy Racine. [Monitoring Times]

AUSTRALIA: 2KA-Katoomba-783 is testing on FM. rather than 2KO-Newcastle as reported previously [DXA]

• 3EE-693 Melbourne has erected its towers & hoped to begin broadcasting on June 26. Power is 5 kw. Address: PO Box 7693. St Kilda Rd. Melbourne 3004. [DXA]

• 2UE-954 will move its xr in May because the xr site has been sold. will share tower w/2SM. [DXA]

• 200 2WL 2NX & 2KO plan to move to FM by the end of the year. [DXA]

• 4VL has left the air for good due to financial problems. [DXA]

• Radio National relays Radio Australia after 1400 on weekends and 1500 on weekdays. [SW Echo]

• 3AK-1503 has abandoned plans to move to 1116. [DXA]

• 2NX-1341 Newcastle switched to FM on 5/29 & was simulcasting w/IDs as "X-107". with plans to shut off the AM at the end of June. [DXA]

CAMBODIA: The Australian Broadcasting Corporation may assist in restoring Cambodia's radio system, pending a UN decision. Once given the go-ahead, the ABC could have a National Radio Network in operation within 12 weeks. The ABC is also expected to help Vietnam and Laos restore their radio & TV networks. [NZDXL]

• The UN is constructing a network of stations to serve the population at large in local languages, French, and English. They're planning to get a Japanese charity to collect some 250,000 unwanted radios for the local population so the signal can be heard. Australia's ABC has the technical side sewn up, and about \$5,000,000 is to be spend on the actual installation of that equipment. [SW Echo]

CHINA: The China Huayi Broadcasting Co. (Zhongguo Huayi Guangbo Gongsi) began Bcing 11/1/91. operates 0955-1800 on 668 (sic) 4830 6185. Addr: PO Box 251. Fuzhou 350001. Fujian Prov. [FERC via NZDXL]

• According to R Beijing domestic EE bgms include Beijing-1251 0900-1200 & 1300-1500. Hangzhou-1071 1000-1100. Shanxi-609 1300-1400. Tianjin-801 1100-1200. Guangzhou-600 Hangzhou-1071 1100-1200.

Nanjing-585 & Guangzhou-1584 1400-1500. foreign service to SE Asia is EE 1200-1400 on 1341. [NZDXL]

INDIA: partial AIR external service MW sked (only the times/freqs which are theoretically possible on WCNA): Jalandhar-702 in Urdu to Pakistan 1430-1930 300kw. Rajkot-1071 to Pakistan w/1000kw in Pushto 1230-1500. Baluchi 1500-1600. Calcutta-1134 to Tibet in Tibetan 1215-1330. to Bangladesh in Bangla 1445-1515 1600-1735. [FERC via NZDXT]

MYANMAR (BURMA): Voice of Myanmar-576 ex-954 [NZDXL]

NEW ZEALAND: Due to possible power cuts this winter (summer up here), some NZ stations may operate on reduced schedules [NZDXL]

• "89FM" in Gisborne established its MW relay on 1485 in 11/91 with 1 kw. the AM is a simulcast of 89.3FM [NZDXL]

• BBC World Service Relay on 1386 began Bcing 3/23 with 5kw days. 1-2kw nights. 24 hr. address Box 2197 Auckland. Wellington-1233 is also now on air. BEC relays in Christchurch & Dunedin will come on air later [NZDXL]

• New Zealand Print Disabled Radio has an experimental license. ZL2XAL. on 7290 w/250 watts. They plan to operate Sunday to Thursday from 2200 through to Monday to Friday at 0600. From 0600 onwards, they'll continue on ZLXA. 3935. Both are //2XA-1602. They're looking forward to reception reports, which should be sent to Box 360. Levin, and return postage is appreciated. (Media Network)

RUSSIA: R Far East Russia. Radio DVR with studios in Khavarovsk, is on 1224 kHz. Tue-Sat 1000-1300 [NZDXL]

• One of Japan's new religious stns started Bcing from Russia on 4/1. The BC called "Good Tidings of the King Hour" is all in JJ. produced in Japan, and transmitted from the Russian Far East on 15315 1300-1400 & 720 1400-1500. [NZDXL] (720 should be audible in the northwest US & W Canada this fall. bp)

TONGA: The SW outlet on 5030 (// 1017 kHz) was noted back on the air 5/29. [Guy Atkins]

TRANS-ATLANTIC

ALGERIA: RTA does not seem to be using 352, at least not at night [Arctic]

ARMENIA: A 1 MW xr on 1314 near Yerevan now relays VOA AA service 1900-2000, the first VOA relay from an ex-USSR site. [DXA]

BOTSWANA: VOA-612 will increase power to 500kw. [NZDXL]

CROATIA: R Osijek is on 720 & 1557. R Sabomar-1179 IDs as "Super 93 Radio Sabomar" located about 30 km from Zagreb. R Cacovec has been hrd on 1305. [Euro]

CZECHOSLOVAKIA: There will be a new xr in Liberec on 1521 with the Ceskoslovensko pgm. [Euro]

ESTONIA: recent sked for ER-4 (Eesti Raadio's Russian pgm on 1512/1566 & FM): Mon-Fri 0400-0700, 1000-1200 & 1600-1630 (Fri irr.1700). Sat:0600--0900 & 1100-1600. incl 1400-1500 in Ukrainian (produced in Kijiv) and 1500-1600 in Belarus (produced in Minsk). Sun 0600-1500. The above programs are produced by Eesti Raadio. In addition there are daily satellite relays of Radio Liberty (1700-1800) and VOA (2100-2200), both in Russian. Between all these programs there is a relay of Majak from Moscow. [Euro]

FINLAND: The 8th edition of Suomen Radiot (Finnish Radiostations) is now available. It lists all Finnish private & national AM & FM stations, with freqs, power, addresses, schedule, personnel, etc. It's 52 pages long, cost is 24 FIM from Timo Lepoemi, Box 7, SF-05901 Hyvinkää, Finland. [Arctic]

FRANCE: RFI-783 Paris has pgms in 14 languages every day. [Euro]

GERMANY: AFN stns still on the air: Frankfurt 873, Berlin Nurnberg Kaiserslautern 1107, Bremerhaven Frankfurt Kaiserslautern Nurnberg Stuttgart Wurzburg 1143, Nurnberg 1485. [Euro]

• Due to a massive protest from mostly young East Germans, Jugendradio DT64, which closed at the end of 1991, will re-open on a MW freq leased from ODR Brandenburg. [Euro]
• RIAS Berlin will cease transmissions this year. [Euro]

ICELAND: The bad luck with the Vatnsendi 206 LW transmitter continues. Its 150 meter high mast from 1930 collapsed 2/3/90. A temporary antenna (T-shape type with 2 x 70 meter high masts) was installed last autumn and the transmitter was back on the air 3/31/91. But on 1/9/92 a

fire reached the power supply building and totally destroyed it. It is uncertain when the transmitter can be back on the air again. It should be noted that the WRTH92 gives a wrong power for this transmitter (like in previous years). For at least 10 years this transmitter was run with only 50 kW ERP (instead of 100 kW) due to the bad conditions of the old antenna facilities. [Arctic]

IRELAND: "Ireland Radio News" is a new national news service operated by Dublin station Classic Hits 98FM, & carried by 14 independent stations countrywide. It replaces the news service provided by former national radio station Century Radio. The combined 98FM/IRN news room will employ 20 full- & part-time journalists. An estimated 588,000 people will tune in to the service, which will broadcast daily news bulletins from 7 am to 1 am with news in Irish at 9.30 am and 11.30 am. Ireland Radio news will be broadcast by Radio Kerry, Clare FM, Galway Bay, South East Radio, Tipperary FM, Shannonside FM, Northern Sound Radio, M.W.R., N.W.R., Radio Kilkenny, Radio Limerick, East Coast Radio, WLR FM, Radio 3. (SW Echo)

ISRAEL: Seven regional commercial stations are to be given licenses by the Communications Ministry. Galei Zahal, the popular station run by the army, is facing the axe after massive defense budget cutbacks. [Arctic]

POLAND: The reserve 227 LW xr now covers only quarter of Poland, following the collapse of the main mast last year. A new xr is on order and should be installed in October, but still from the reserve mast. [Arctic]

RUSSIA: Latest sked for R Ala is 684 24h, 1386 0000-1300, 5040 1230-0300, 6015 1130-0300, 7400 0330-1200, 11685 0000-1100, 11965 0330-1100. News every 15 mins plus mx. [Euro]
• Otkrytoye R ("Open Radio") is new in Moscow on 918 kHz, sked: English 0300-0500, 0500-1500 English relay of R Moscow, 1500-1600 Russian, 1600-2200 Russian relay of R Liberty. Relays of BBC & Christian Science Monitor are planned. [Euro]
• R Rezonans is on 0300-0500 & 1800-2000 on 684 1395 11945, 684 xr is in St Petersburg, 1395 in Ufa. [Euro]

SLOVENIA: R Slovenia on 918 is using an old 100 kW xr; the 600 kW xr they normally use was destroyed in an

air attack. [Euro]

SPAIN: R5 Alicante is now on 936 kHz (ex-1395). R Popular de Oviedo/Asturias is now on 1143 kHz (ex-1134). RNE 5 Badajoz is now operating on 1503 kHz. COPE Badajoz has moved to 1269 kHz (ex-1134). Radio Girona has moved to 1008 kHz (ex-1485). [Euro] RNE Radio 1 Palencia has a new xr in Buenavista. [Arctic]

UNITED ARAB EMIRATES: current list of medium wave stations:

| UTC | Language | kilowatts | kHz |
|-----------|----------------|-----------|------|
| 1000-0600 | Arabic | 2000x2 | 1314 |
| 1000-0600 | Arabic | 750x2 | 729 |
| 1600-2400 | EE FF | 50 | 810 |
| | Urdu Filipino | | |
| 1000-2200 | Arabic | 50x2 | 972 |
| 1930-2300 | Arabic | 50x2 | 539 |
| 1000-0200 | Arabic | 50x2 | 657 |
| 1930-2300 | Quran pgm | 1 | 828 |
| 1930-2230 | Local folk pgm | 1 | 828 |

[SW Echo]

UNITED KINGDOM: Asian Sound Radio opened on April 10th with 24 hour service in English and Urdu on 1602. QTH is P.O.Box 63, Northern District Office, Manchester M8. [Euro]

• 603 The Cheltenham licence has been awarded to West Country Radio, which already has been renamed to Ten Radio Ltd to avoid confusion with the recent TV franchise winners. The station propose to have a MOR format targeting the over 25 year group. On air date is not known. [MWC]

• There were 5 bidders for the National radio channel (INR2) vacated by BBC Radio 3. The companies making these bids are: (1) Independent National Broadcasting Company with a bid of £4.01M (the group is a consortium of Sheffield businessmen and former radio executives); (2) Virgin and TV-am (in a joint 50-50 venture) with a bid of £1.98M; (3) 20/20 Radio (backed by Chiltern Radio) with a bid of £1.31M; (4) Score Radio (backed by Scotland's Radio Clyde) with a bid of £701000 & (5) National Rock Radio with a bid of £211000. This bid was from Allied Entertainment and Atlantic 252; the group said that its two partners - RTE and CLT could not justify a bid higher than £211K. Capital Radio London did not make a bid and said it considered local rather than National Radio was a better investment. The Radio Authority was supposed to announce the winner in April. [MWC]

• There is growing speculation that the third national commercial licence (INR3) may not go on-air until

summer 1995. The license will be for a speech-based station. [Arctic] • Great Yorkshire R is the new name for classic gold on 990 1161 1278 1305 1530 & 1548. [Euro]

YUGOSLAVIA (SERBIA): local pgms have been noted on R Nis-711. R Knin-972/1584. R Bar-1026 [Euro]

RADIO ANTILLES

[The following is a transcript of an interview by Radio Nederland's "Media Network" host Jonathan Marks on June --, as posted on the Shortwave Echo computer bulletin board.]

Towards the end of the 1980s, the Caribbean had a powerful regional voice which covered most of the Eastern Caribbean area. Radio Antilles on 930 was at one time owned by the German external service Deutsche Welle, although it also relayed programs from the BBC, VOA, and Radio Canada International. In 1989 Deutsche Welle decided to sell the station to the Organization of East Caribbean States. But just as negotiations were taking place in the second half of September 1989, Hurricane Hugo devastated the region, and the island of Montserrat in particular. Radio Antilles was blown off the air. The 135 kw mediumwave transmitter was damaged beyond repair. Dave Demambro is a BBC Engineer who's been out at the transmitter site completing a major reconstruction project, designed to put the station back on the map.

DEMAMBRO: Yes that's correct. We've just completed the re-engineering of the entire broadcast complex here. The transmitter is a new Harris BP-100, power 100 kw. We've also completed re-engineering of the antenna system, which is a pair of phased quarter-wave verticals which get the ERP back to the same kind of strength it was before. I think it was the only mediumwave station to cover the whole of the Caribbean, and that's why Radio Antilles is obviously quite important.

MARKS: Radio Antilles built up a name in the field of public broadcasting. Whereas many commercial stations in the region tend to focus on the island where their transmitter is located, Radio Antilles took a much more regional focus. It was also important as a source of marine weather forecasts for the eastern Caribbean. Media Network monitor Paul Griffiths in Trinidad spotted an item in last Friday's Trinidad Guardian: it quoted Robin Meade,

Montserrat's First Minister, as saying that no less than seven hours a day on the station will be local in nature. The rest is going to be sold to international broadcasters. So when will the transmitter really come on?

DEMAMBRO: There are one or two small things which have to be sorted out right now. The transmitter is running in test. We're running some local tests with the studio complex in Plymouth on Montserrat, and we're really just generating some local output to test the transmitter out. And hopefully in around about eight weeks time we'll be able to go on the air full time, and that will be with VOA, BBCWS, and hopefully by that time there will be an element of local output. Deutsche Welle will also be broadcasting from the station; in fact, they're one of the most important people to mention because they actually made a virtual gift of this station to the Montserrat government.

MARKS: And the BBC put in the transmitter.

DEMAMBRO: That's correct. And VOA donated the equipment, so it's been a real team effort here. One major factor, though, is that Radio Antilles will have to find a manager, so I suppose if there's anyone listening to this that would be interested in running such an important station, write to Radio Antilles, P.O. Box 35, Montserrat, West Indies.

RADIO STATIONS FACING TOUGHER TIMES

(from Adelaide Advertiser 2/13/92 via DX Australia)

The Australian radio industry has a case of the shakes and the glitzy giveaways and competitions could be part of the illness.

Media analysts predicted yesterday more stations could experience the severe financial strifes facing Sydney stations 2GB and 2KY, with a drop in advertising revenue, the move to FM, and 1980's bull market all contributing factors.

But independent analyst Peter Cox also claims an outmoded notion of "buying listeners" is doing serious damage to stations' viability.

"Radio has turned full circle to its total reliance on buying listeners with games and giveaways that FM avoided when it was first introduced", he said yesterday.

He predicted the bottom 50% of stations would face financial crisis in the short term.

A report in yesterday's Sydney Morning Herald newspaper said both 2KY and 2GB were in severe financial difficulties.

Ms. Cass O'Conner, media analyst and associate director at Turnbull & Partners, agrees that a gap is growing between the viability of the top rated stations and the also-rans.

She believes the industry's snail-ness dates back to the bull market of the mid-1980's and the move to FM.

"The process started in 1986 when stations were bought at high prices, which initially was a problem for the parent company and not the station. But then spending gets curtailed and money for poaching talent gets curtailed. The next step was the opening up of the airwaves, with stations moving from AM to FM and taking a lot of the AM market. Some of the audience went back to AM but it destabilized the pre-existing listening market."

Ms O'Conner said there was some validity to the idea that stations were splurging imprudently on buying listeners with gimmicks.

She said broadcasters also might be feeling shaky in the Federal Government's draft Broadcast Services bill. The bill, which proposes freeing up limits on foreign and cross-media ownership, was still under public discussion and it was too early to assess its final form or effect, she said.

A recession associated drop in advertising revenue across the media has been hurting radio stations over the past 2 years. But the Federation of Australian Radio Broadcasters believes radio has not been damaged by it as other media.

FARB general manager, radio marketing, Mr. Robert Lee, said there had been a 2% drop between 1989 and 1990 in advertising revenue across all media from more than \$5 billion.

But this had hit the different sectors unevenly, with radio actually experiencing a slight 0.08% growth while newspapers had a 5.6% drop.

SOURCES: Arctic DX Club, New Zealand DX League (NZDXL), DX Australia (DXA), Shortwave Echo, The Radio News (TRN), Austrian SW Panorama, Euronews (Euro), R Nederland (Ment Network), others as noted. Thanks to Richard Eckman for the Euronews material. '83 til next time. ed



PAT MARTIN P.O. BOX 843 SEASIDE. OR 97138

DX Worldwide - West

Time: UTC phone (503) 861-3185

We have a good turnout for you this time with reports from John Bryant, Bruce Portzer, and Larry Godwin. John and Bruce on DXpeditions! So on with the reports:

PAN-AMERICAN DX ROUNDUP

- 1060 MEXICO, Mexico City-XEEP probably the one w/NA 1046 6/13 while trying for Chile. Stronger 7/1 1058-1102, ment. Distrito Federal and "mexicana" but no ID. 2,073 miles, farther than NYC.(LG-MT)
- 1110 MEXICO, Mexico City-XERED=a Powerhouse 6/13 at 1105-1108. Played NA, then call ID + "radio Red, la super estacion marca el paso de la radio." Mentioned 50 KW power. Program "Mundo Magico" followed. (LG-MT)
- 1555 t CAYMAN ISLANDS, Radio Cayman-(presumed) het only for about an hr 0645-0745 6/18 (JB-DC) G
- 1610 ANGUILLA, Caribbean Beacon-monitored for more than an hr over-riding several TIS stations, sometimes at S7-modern pops Dr Gene Scott-0630 to 0730 6/18 (JB-DC) G

TRANS-PACIFIC DX ROUNDUP

- 531 UNID, EE audio 1229 6/25-usually aussie 2MC-very poor and dropping, 15 minutes after LSR (JB-DC) S
- 567 UNID, het against KVI-570 1101 6/28 (BP-DX)
- 576 UNID, EE audio 1230 6/25-very poor (JB-DC) S
- 585 UNID, EE audio 1231 6/25-very poor (JB-DC) S
- 612 UNID, EE audio 1227 6/25 poor, prob. 4QR (JB-DC) S
- AUSTRALIA, Brisbane-4QR fair 1223 6/28 w/interview pgm (BP-DX)
- 702 AUSTRALIA, Sydney-2BL w/ABC nx read by male 6/25 1202, poor (JB-DC) S
- 738 UNID, het presumed Tahiti 0630-0730 6/18 (JB-DC) G
- TAHITI, good levels 6/19, mx 0810 //SW freqs 6135 and 15170, talk also (JB-DC-GA) G
- AUSTRALIA, Grafton-2NR presumed, ABC nx not // 9580 at 1200. Seemed to be a CC or KK underneath 6/18-fair to good (JB-DC) G
- 747 JAPAN, Sapporo-JOIB fair in KXL/CKLG splat w/JJ talk, chime mx 1220 6/26 (BP-DX)
- +Also noted 1110 6/18-low level male JJ talk (JB-DC) G
- 756 UNID, carrier w/bits of audio 1220 6/28, prob. 1YA (BP-DX)
- 765 UNID, EE prm 0842 6/19-presumed the Aussie (JB-DC-GA) G
- 774 JAPAN, Akita-JOUB 1117 6/18-JJ talk (JB-DC) G
- AUSTRALIA, Melbourne-3LO w/nx 1215 6/18 (JB-DC) G
- 783 t NEW ZEALAND, Wellington-2YB-presumed EE program-0920 6/19 (JB-DC-GA) G
- 819 UNID, w/MOR inst. mx 5/12 1140-1150. Poss. the same station in w/ moderating strong het, no audio 1140 7/1 (LG-MT) (Sounds like maybe NZ.PM)
- 828 UNID, prob. 3GI weak pop mx DU talk 1215 6/28 (BP-DX)
- JAPAN, Osaka-JOBB mostly het some JJ talk 1118 6/18 (JB-DC) G
- t AUSTRALIA, Sale 3GI presumed 1150 6/25 w/light EE rr-vy poor (JB-DC) S
- 830 HAWAII, Honolulu-KIKI strong 1227 6/26 w/"AM-Stereo"-KIKI slight 828 het (BP-DX)
- +Also noted "83 Rock" plus ments of Honolulu 1155 6/25 (JB-DC) S
- 837 AUSTRALIA, Rockhampton-4RK fair 1210 6/27 male talk, two ments of ABC (BP-DX)
- UNID, two stations weakly 1145 6/26, dom. one had non EE talk (male) pos. JOOK (BP-DX)
- AUSTRALIA, Rockhampton-4RK (presumed) w/threshold level EE talk at 1159 6/25 (JB-DC) S
- 864 NEW ZEALAND, Invercargill-4ZA 6/26 fair-poor w/teletalk 1150 6 pips and nx //1008 at 1200 (BP-DX)

873 UNID, EE talk show, Aussie 2KY presumed 1230 6/19 (JB-DC-GA) G
891 FIJI, Radio Fiji 2 Lautoka-Ex signal w/female in Hindi 0819
6/19 (JB-DC-GA) G
945 UNID, EE programming 0930 6/19 (JB-DC-GA) G
963 UNID, EE programming poor Aussie or NZ 6/19 (JB-DC-GA) G
1008 NEW ZEALAND, Tauranga-1ZD-weak-w/pop mx //864 1205 6/26, bits of
audio 1146 6/27, oddly enough was only a weak het when 1026/1035
1044/were hrd 6/28 (BP-DX)
+Also noted w/light EE mx(rr) 0822 6/19-poor at 0822, poor at
0930, very good by 1020. (JB-DC-GA) G
1017 UNID, mx briefly audible 1153 6/28 prob. 2KY (BP-DX)
1026 NEW ZEALAND, 1ZN/1ZK good to nil //1035, 1145-1205 6/28, QRMed
poss. by 4MB (BP-DX)
+Also noted EE talk show fair 1025 6/19 (JB-DC-GA) G
1035 NEW ZEALAND, Wellington-2ZB-good to poor 1145-1200 6/28 with
teletalk show and pop mx, pips 1200, then Radio NZ Nx, semi local
CKST off. (BP-DX)
+Also noted presumed, ments of NZ, fair 1223-6/18 (JB-DC) G
1040 HAWAII, Honolulu-KLHT- strong w/non stop Christian pop mx 1146
ID 1159 6/28, w/pest CKST off (BP-DX)
1044 NEW ZEALAND, Dunedin-4ZB fair-nil 1150-1200 6/28 //1035 (BP-DX)
1098 t AUSTRALIA, Aussie by DF unid vy weak EE audio 1218 6/25 (JB-DC) S
1107 AUSTRALIA, Sydney-2UV (Prob) weak EE light rr 1220 6/25 (JB-DC) S
1161 UNID, two EE speaking programs equal levels, 1225 6/18 (JB-DC) G
1215 NEW ZEALAND, Kaikohe-carrying NZ 1026 EE talk show 1027 on
6/19 (JB-DC-GA) G
1287 JAPAN, Sapporo-JOHR male in JJ 1124 6/18 (JB-DC) G
1296 NEW ZEALAND, Hamilton-1ZH- w/"All Nighter Show" 1232 to 1237
male ancr with oldies "ZH-FM" 98.6 Hamilton and FM Christchurch
-WRTH lists 1ZH as FM only-6/19 (JB-DC-GA) G (1ZH has been
hrd here in recent months too. PM)
1314 JAPAN, Osaka-JOUF-some JJ audio vy poor 1129 6/18 (JB-DC) G
1332 UNID, EE programming Aussie/NZ-vy poor 1240 6/19 (JB-DC-GA) G
1386 JAPAN, NHK programming -3 possible 1135 6/18 (JB-DC) G
1413 UNID, EE station 1235 6/18 (JB-DC) G
1475 UNID, woman sang through the hr 1100 6/11 Woman ancr spoke
briefly 1101, rapid deep deep fades, still in w/female vocal
1125. Couldn't get loop bearing, Malaysia seems unlikely in June.
(LG-MT) (Sounds Malaysia, with JJ's being hrd, why not? PM)
+Probable het here 1239 6/18 1239 (JB-DC) G
1566 SOUTH KOREA, Cheju-HLAZ fair to poor w/Christin programming
standard CC does not agree w/WRTH aked 1140-1145-fair to poor
levels on 6/18 (JB-DC) G
1575 t AUSTRALIA, Wollongong -200 contin. light EE pops, lasted until
after 1250-fair to good, then gone. 6/18 (JB-DC) G
1615 NEW ZEALAND, Ohura-OR good 1212 6/26 1204 w/morse ID (BP-DX)
+Also hrd Morse code ID "OR" weak to fair around 1109-1150 on
5/27, 5/28, 5/29, 6/1, 6/9, and 6/18. Not needed (LG-MT)
1620 UNID, man and woman alternating 1128 to 1132 5/28 seemed EE
Then on 6/1 at 1125 there were two stations here, one with
inst. mx the other a man talking. A woman spoke around 11110
6/22, man at 1120, woman again 1123-1126, seemed like mono-
logues. Finally woman and man talked followed by mx at 1117
6/27. Low powered Aussies likely. Will keep trying. (LG-MT)
(Larry-both 1PPP and 7RPH-Hobart are still on 1620.PM)
AUSTRALIA, either 7RPH or 1PPP strong 1152 6/27 ment of the
"RPH Network right across Australia" into Doors song 1200 had
PSA about blindness and straight into radio drama w/no
ID (BP-DX)
AUSTRALIA, 1141 UTC on 6/25 male and female in Aussie EE seemed
to be a radio play. There was a 2nd EE program under the dominant
one. Dom. ID as 1PPP (One triple P) 1200. The other station must
have been 7RPH-Tasmania. 1PPP is in Canberra. (JB-DC) S
1623 PAUPA NEW GUINEA, Gurney-"GNY" morse ID 1050 6/26 1115 6/27
1138 6/28-but copyable thru static (BP-DX)
1630 NEW ZEALAND, Taumaruni-weak carrier, no audio 1100-1130 6/22
Also noted around 1120 7/1, when OR-1615 was not in. Anything
listed? (LG-MT)
1660 UNID (freq. approx) weak carrier, no audio 1100-1130 6/22. Also
noted around 1120 7/1, when OR-1615 was not in. Anything list-
ed? (LG-MT)

THANKS TO THESE REPORTERS

JB-DC-GA JOHN BRYANT/DAVE CLARK/GUY ATKINS Dxing at Grayland,WA
June 18/19. Guy Atkins was only there 6/19. Using NRD
525 and MAP and Drake R8s-450' Term. Bev at 210 degrees
1000' Term. at 320 degrees *G after JB-DC=Grayland

JB-DC JOHN BRYANT/DAVE CLARK DXing at Sombrio Beach,B.C. June
25-John Bryant using a NRD-525 and MAP, David Clark with
at Drake R8-antennas-1000' Term. Bev at 270 degrees and
800' Term. at 230 degrees, 1000' Term. Bev at 320 degrees
*S after JB-DC=Sombrio Beach

LG-MT LARRY GODWIN-2390 CLYDES DALE LANE-MISSOULA,MT 59801
(406) 721-5131-HQ-150-Sanserino Box Loop

BP-DX BRUCE PORTZER-6546 19TH AVENUE,NE-SEATTLE,WA 98115
DXing at Orcas Island,WA w/FRG7-450' West. Term.Bev.

VOLUNTEERS NEEDED FOR 1993 IRCA AM-FM ALMANAC!!

Computer users especially needed!

Information needed too!

We are planning to publish the 1993 edition of the Almanac in fall 1992. We hope it will be the biggest and best yet. We plan to have about 300 pages, 25% bigger than the 1991 edition.

To produce the new Almanac, we need a few volunteers with access to computers (IBM or McIntosh compatible). The person who sorted many of the lists for the 1991 Almanac has lost the use of his computer, so we have some "big shoes to fill." Some of the networks and programs have several hundred stations. A few have 1000 to 2000, and we shouldn't "manually sort" those! I'd like to have the computer sort any list longer than 50 stations. And that's where we need your help.

We have sent more than 100 letters to networks and program suppliers this spring. As station lists begin to roll in, we need to enter the lists onto disks for sorting.

We need: 1. Volunteers with computers. If you have access to a computer, and some time to enter short, medium, or long station lists (your choice) onto disks, please write to Bill Hardy. We have one volunteer who wishes to enter and sort all the talk shows. If you have a special interest such as that, please let Bill know.

2. Volunteers with access to 1992 Broadcasting Yearbook or SRDS. If you have access to either reference and a computer, and can take the time to enter information from those books onto disk for sorting by IRCA, please let Bill know. This allows us to generate lists for those networks that do not release their station lists.

3. An editor for Broadcasting Updater. Unless someone volunteers, we will not have a Broadcasting Updater in the 6th edition. If you have access to all issues of DX Monitor from Jan. 1990 to present and could enter all station changes since 1990 onto disk, please write to Bill. We would then sort it and print it. I'd love to have an FM Updater too, if anyone with access to WTFDA bulletins since 1990 is able to enter that data!

Information needed: To gather information not available elsewhere, such as slogans, program airtimes, etc., we've run some contests. We're running a contest each month this summer, May thru September, with Almanac Updaters as prizes. Details appeared in May DXM. But even if you wish to send info and aren't interested in winning, you can still help.

If you wish to send information, or volunteer to help enter Almanac information onto computer disks, please write today to Bill Hardy, 2301 Pacific Avenue, Aberdeen, WA 98520. Thanks! 73 and good DX.

DX WORLDWIDE EAST

*****NOTE NEW ADDRESS*****

EDITOR: JIM HALL
3176 CHELTENHAM COURT
GIBSONIA, PA 15044-8435 USA

PLEASE NOTE DXW-E's NEW ADDRESS, REPORTERS! I apologize for yet another address change, but I assure you this one is planned to be permanent for the next five or so years. There's even room for wires so I'm hoping to get back into the pages as I did a few years ago. I just hope a year of apartment life hasn't made me rusty (I couldn't even get one DXpedition in since the move from Byron, and at Allison Park the QRN and lack of antenna-space was terrible). On to this month's reports.....Thanks Carl for the Mexican data and pictures of XEIND-1470. Cuban activity reported by Leonard Hyde DXing on Brush Mt. near Catawba, VA with DX-440 & SSW Beverage of 1725', phaser and 2' box loop on 5/21/92: 'A window had opened between 1000-1120 which allowed the reception of these less frequently reported Cubans: R. Guama outlets on 990 / 1020 / 1030/1070/1090 and Radio Cadena Habana on 1080/1100/1120. All are new for me (LH)'. I heard most of these regularly back at Byron Road except for the 990/1020/1030 which were stopped or covered by KDKA's strong signal. The new QTH at Gibsonia is about two miles from KDKA's antenna!!

TRANS - ATLANTIC DX (Burnell-NF) all

- 612 IRELAND RTE Athlone 0152-6 6/14 Pop mx, dj had list of "world's most resistable women" - top of the list were Sinead O'Connor and Madonna, then hip-hop mx. S10 333
- 900 SPAIN R. Ppopular de Bilbao 2350-55 5/22 COPE net pgm //1224 w/chat in SS about various cities. I am puzzled, though, by a second signal echoing the same pgm. I don't think this is a weird propagation but more likely a 2nd COPE stn also here now. Anyone have recent info? S10 243
- 909 AZORES R. Club do Angra 2346-50 5/22 2 men in PP, pop song by Richard Marx...DJ talked o/2 of it! S10 344
- 1188 BELGIUM BRTV Kuurne 0109-49 6/18 Flemish talks, C&W songs + rock mx, long rpt from/about Copenhagen 0133-0143 then GG song. S10 232
- 1278 IRELAND RTE 2 sites 0100-02 6/18 Nx about English football hooligans in Sweden, CJC splatter. S10 333
- 1359 SPANISH MOROCCO RNE Melilla 0011-15 6/18 Huge sig, m talk re events of that day in history: Treaty of Nice and Battle of Waterloo. S10 443
- 1367 ANGOLA Luanda 0009 6/18 Noted in passing w/pop mx, PP m, muffled audio. S10 243
- 1386 t GREECE? Prob. Athens 0203-36 6/14 unusual slow emotional mx w/mid-eastern flavor, w in what I think is Greek (it's not Arabic) but can't be sure. 232
- 1431 CIS ?? site 0028-43 6/18 light class mx //1449, nx, telephone #'s 0037, Beatles song. S10 343 0028 but 322 0041 w/England QRM.
- 1431 ENGLAND Breeze AM Southend 0032-43 6/18 gaining strength w/old pops, wx at 0033. 3 ID's noted. S10 222 up to 333.
- 1449 CIS ?? site 0026-31 6/18 //1431, 0029 Moscow IS, RR nx 0030, Hets. S10 222
- 1458 ENGLAND Greater London R. 0155-0205 5/23 Real mess here w/3 UK stns & unid. This one distinctive w/BBC WS nx. S10 322
- 1458 unid 0155-0205 5/23 FF stn w/interview then nx by w 0200. Could just get words here and there...hrd European Community items & phrases like "mille francs" that suggest either Belgium or France. Was on freq (cf 1458.2 in NF DXpedition log and in a subsequent log of misne). Any ideas? S10 222-1
- 1503 AZORES AFR Lajes 2326-30 5/22-23 & 0001-5 C&W mx pgm w/US-acc'td DJ in EE, at 0001 PP then US anthems but not a s/off as it went into US nx. S10 343
- 1544 ~~1544~~ CLANDESTINE R. Nacional de la Republica Saharaui Democratica 2326-0007 6/17 (Stn ex-1355, first noted here 6/14 at 2326 nx/views in AA, 0000 SS. Full ID 0000:30 which announced 1544 and 576 (latter unheard), nx & anti-Moroccan commentaries. S/off w/anthem 0105 on 6/14. Great signal - should be audible in New England. S10 344

- 780 VENEZUELA R. Coro YVMN 0133-37 5/23 SS rap song, ads w/men of Coro, audible only w/CFDR phased. S10 322
- 1030 MEXICO XEZON Zongolica 5/31 A relatively new stn. that reported 1kW upon the inauguration. "se llama XEZON, La Voz de la Sierra Zongolica" by m. That "se llama XEZON" is evidently a local form that infers that the stn is an identity quite apart from the announcer. (Huffaker-MEXICO)
- 1110 BRAZIL unID stn 0002-16 6/14 0002 pips, garbled ID. Tik about Environment Conference and educational matters, said pgm came from Ministry of Education. "Radio MEC" Wish they ID'ed more frequently because S10 343
- 1120 BRAZIL R. Paulista 0028-33 6/14 Pos ads in rapid PP, many ID's/TC's; WRTH says "R. Mundial Paulista" but all ID's were just "R. Paulista". S10 232
- 1190 BRAZIL R. Tropical 0020-27 6/14 Tel conv., mx pgm promo, mx, ads, clear jx ID just before 0027. S10 243-2
- 1290 VENEZUELA R. Puerto Cabello 0053-0113 6/15 Pgm for PP in SS and PP w/nx rpt re. Portuguese elections/parliament. From 0100 long ad stroing. S10 233
- 1330***HAITI R. Haiti-Inter. Port-au-Prince 0203-35 6/7; 0659-0701 also. Mixing initially w/Quebec stn, in FF (Haitian accent) w. nx/ad w/tel. #s, lively mx w/hyper DJ. Later, 0659, in Creole w/talk about masquerade, slogan, lively mx. 0215 S10 322. 0659 S10 343
- 1400***GRENADA Harbour Light Carriacou 0045-0050 5/23 Choir mx, ID 0046 (part) "the Harbour Light coming to you from the bftl and _____ Island of Carriacou" then syndicated rlg's pgm. Audible w/CBG phased. S10 322. (Bftl logging. ed)
- 1420***BRAZIL R. Difusora do Vale Acarau 0008-0037 5/23 Clear until domestic QRM took over, lively Braz mx/pops in EE, ID after sign/sd effects 0019 "Radio Difusora do Vale para (couple of words?) 1420 khz onda media, antena (1 syllable) direccional para todo o Vale do Acarau (pron. A-ca-ra-cc)"... then ads, "R. Difusora" jx's, then dance mx until next ad string 0034. Both WRTH '92 and the Brazilian MW list, 12th Ed. by Antonio Ribeiro da Motta & Claudio Rotolo de Moraes list it as only w/CP. Both sources say 250-watts night. At peak S10 343 (Another good one! ed)
- 1550 ***BOLIVIA R. Em. Canaravi 0106-12 6/14 Hrd again! w/nx, 2 definite ID's, Andean flute mx. S10 343
- 1600 PUERTO RICO WLUZ Radio Luz 0030-4 6/15 Old-time LA mx, promo for pgm "La Montana Canta", legal ID 0032 "Desde Bayamon, Puerto Rico, transmite WLUZ R. Luz, 1600 khz... el mundo de sus recuerdos". Boston is inaudible these days so this dominates the freq. S10 243.

QSL:

1485 ASCENSION IS. R. Ascension, after 6-mos. for cassette and \$1, full data form, v/s Andrew Marsden, Transmitter Eng., also blurb on SW relay and letter w/mtr etc. information. Also a sketch showing a 120-foot matst. (Burnell)

CREDITS:

(Burnell-NF) D. Jean Burnell, Dept. of Chem., Memorial Univ., St. John's NF CANADA
 (ICOM IC-R/JA w/various antennas w/phasing + regen.) A1B 3X7
 (Huffaker-MEXICO) Ing. Carl Huffaker, Domocillo Conocido, Huasca de Ocampo, Hidalgo MEXICO C. P. 43500

| | | |
|---|---|--|
| 1420 CLUB | 5000 WATTS DAY & NIGHT (DA-2) Michigan City, Ind., June 22, 1992 | No. 445 |
| Pay to the Order of <u>J. D. Stephens</u> | | |
| *****ONE***** | | Verification of Reception |
| For Your Report Dated <u>April 6, 1992</u> | | |
| From <u>2:00 A.M.</u> to <u>2:24 A.M.</u> , CDT | | |
| RADIO STATION WIMS Michigan City, - Indiana | | <i>Robert J. Schilling</i> Chief Engineer |



WESTERN DX ROUNDUP

Nancy Hardy
2301 Pacific Ave.
Aberdeen, WA 98520

DEADLINES FOR WDXR TIPS: Wednesday July 22, Monday August 31, and Monday Sept. 14. PLEASE USE EASTERN TIME.

REPORTERS FOR THIS ISSUE:

- (DG) Dennis Gibson-442 Ellwood Beach Dr. #3-Goleta, CA 93117
Sony ICF-2010, GE Superadio II, Select-a-tenna
- (LG) Larry Godwin-2390 Clydes Dale Lane-Missoula, MT 59801
Hammarlund HQ-150, SM-2
- (BH) Bill Hardy-2301 Pacific Ave.-Aberdeen, WA 98520
FRG-7, Radio West loop
- (JH) Jim Hilliker-1705 Withers Ave. 12-Monterey, CA 93940
GE Superadio
- (GJ) Gary Jackson-7735 Center Pkwy.-Sacramento, CA 95823
FRG-8800, Dymek DA5
- (GK) Guy Kudlemyer-5669 D Street-Springfield, OR 97478
Modified FRG-7, 160' longwire, QF-1 audio filter, DA-7
- (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

- 840 *KDBS* OR, Eugene new station is on the air, with tests or regular schedule. First heard 6/20 0520 moderate over/under KVEG with adcon music, thought it was CKBX until ID, sounding like "KBBS Eugene, the station that wants to make you a star." Had to look back to December bulletins to find correct calls, which were listed on 860 kHz! (BH-WA)
+Testing all afternoon 6/25. Don't know how many days before this they've been on. Playing soft, easy stuff such as "Never My Love," "Alone Again Naturally" and giving their phone number as "343-7545," inviting new listeners to call their answering machine, record a message, and be put on the air, "but hurry, because we don't know how long this special testing phase will last." I called and told them I hope they fail miserably, and soon, because as a DXer, I was more interested in listening to KSWB, WCCO, KIKI and KVEG. Needless to say, they didn't air my message. (GK)
+6/29 0646-0745+ apparent ET of soon-to-be-on-air station. A couple of IDs gave phone number 343-7545, I called and got an answering machine. I have this CP listed in '92 BYB as 1000/220, but there is also a CP for KDBS on 860 with 210/210. What's the scoop? New. (RW-CA)
- 1340 KGLW CA, San Luis Obispo 6/15 0900 fading up briefly over mess with ID "1340 AM, KGLW, San Luis Obispo," then faded out, not enough for report, but call change ex-KATY for me. (RW)

- 530 (WNHV296) CA, Los Angeles Intl. Airport 6/28 0800 off due to quake, KNEC 996 was also silent. (MS-CA)
- 540 KIEZ CA, Carmel Valley 6/1 0200 ex-KHKN good with nostalgia music, ID on hour "Easy 54 AM Stereo, KIEZ, Carmel Valley-Monterey-Salinas" into SNN news. Thanks to TRH-CA for tip. (RW-CA)
- (KJQI) CA, Costa Mesa 6/28 0800+ off due to quake. Heard XETIN s/on at 0903. (MS-CA)
- 600 (KKLQ) CA, San Diego MM 6/29 0415 noted silent. Back on at 0418 with T-shirt promo. (MS-CA)
- 610 KYJC OR, Medford 6/17 0241 good with country format, "K-97 FM, Hot Country Hits." Noted days later with legal ID, "KYJC

- Medford, KYJC-FM Grants Pass," so 96.9 FM is no longer KFMJ. KYJC/KFMJ formerly simulcast SMN-adcon. Appears to be 24 hours on weekends and s/off 0400 weeknights. (BH-WA)
- 620 ?KIPA? HI, Hilo 6/22 0529 susp. with nice Polynesian-style music in KGW null, under KTAR. Very rare here. (RW-CA)
- 630 KIDD CA, Monterey 6/28 noted off the air much of the day. Their // FM, KXDC was on, so operator may have just forgotten to turn AM transmitter on. Was back on when I checked at 2000. (JH-CA)
- 640 KFI CA, Los Angeles 6/28 1504 poor with KIDD off, heard end of news, local ad and ID, into talk show. Haven't heard mid-day in a long time. (JH-CA)
- (KFI) +6/28 0800+ off only briefly due to quake. (MS-CA)
- 660 (KTNN) AZ, Window Rock 6/29 0646 totally off on rare SP, freq. dead. (RW-CA)
- 720 (KDWN) NV, Las Vegas had OC MM 6/1 around 0655, and was off altogether MM 6/8 until past LSR. Also off MM 6/15 at 0648. Seems pretty consistent! Unfortunately, no stations appeared in its absence, but there's always the possibility! (LG-MT)
- 740 KCBS CA, San Francisco 6/28 0845 running simulcast of KNX-1070 coverage of Yucca Valley earthquakes. (DG-CA)
- 760 KFMB CA, San Diego must have gone to 50kw nights--signal increase at local sunset is dramatic, much more than previously. (DG-CA)
- 780 (KROW) NV, Reno 6/21 0514 totally off, KAZM in strong. (RW-CA)
- 790 CFCW AB, Camrose 6/15 0613 good atop KGMI's Talknet with Country Coast to Coast, "Time Zone Roundup" (time checks from Pacific thru Newfoundland), country music. (BH-WA)
- 800 KHIS CA, Bakersfield 6/1 0832 strong with relig. music. (GJ-CA)
- 860 ?CFPR? BC, Prince Rupert 6/15 0528 presumed them with strong signal //CBU-690 carrying CBC-FM eclectic all-night show. Could have been some of the 860 LPRT's, but this was potent. (BH-WA)
- 890 KDXU UT, St. George consistently boomed in during June starting around 0705-0708. It's either a late antenna change or a test. (LG-MT)
- CJDC BC, Dawson Creek 6/9 0754 with commercials & legal ID, which would be well past LSR! Format: oldies. (LG-MT)
- 900 KBIF CA, Fresno 6/15 0708 dominated with Spanish talk, and gave four IDs within 45 seconds. Ranchera music followed. (LG) +6/22 0930 apparently with new Spanish format, ex-religion, with ID "KBIF, 1a favoritas en español." Still Spanish Monday night also. (RW-CA)
- 940 (KFRE) CA, Fresno 6/22 0320-0715 totally off most of this time, intermittently ran OC. 6/29 0508 totally off again, back on at 0700, same as last MM. Possibly new weekly MM SP? (RW-CA)
- 950 KYGO CO, Denver 6/22 0610 fair on fade up over KAHI with ID, rare here. (RW-CA)
- 970 ?KAFY? CA, Bakersfield 6/9 2248 probably the Spanish station heard here with bilingual version of oldie song "Talk to Me," Burger King spot at 2254, then abrupt s/off or power change at 2300. (MS-CA)
- 1020 (KTNQ) CA, Los Angeles 6/28 0800+ off due to quake - OC noted strong. (MS-CA)
- 1050 ?KEYF? WA, Dishman 6/16 0805-0817 good over religious station(s) and CICF with "Oldies 101.1" and a jingle 0811 that said "Oldies 101.1, Spokane." This matches KEYF-FM format noted in Spokane last summer. KEYF-AM had nostalgia music format then. We'll check in July for current call letters. I still haven't officially logged this in Aberdeen! (BH-WA)
- 1080 (KSCO) CA, Santa Cruz 6/21 2100 local noted off the air. Called station, but no answer. Stayed off all night! Found out next day that they signed off at 2000 to install a new transformer & tower light on their #3 tower which had burned out. Nothing new noted, only heard KWJJ. (JH-CA)
- 1090 KTNS CA, Oakhurst 5/14 2000 in strong. Verified by Larry W.

- Gamble, with a notary public stamp! First ever notarized! Country music. (GJ-CA)
- 1190 KORG CA, Anaheim 6/15 0430 noted // KEZY-FM 95.9. I wonder if this is permanent? Heavy promo of no-rap format. (KEZY-AM logged in 1972 & 1984). (MS-CA)
- 1240 KSAC CA, Sacramento 7/1 0000 finally logged. Heard mentions of Sportsradio, legal ID, (NBC?) news, nutrition spot, football promo. Ex-KROY. (MS-CA)
- 1250 (KTMS) CA, Santa Barbara 6/28 0900 off the air. Yucca Valley earthquake at 0758 knocked most local stations off the air. A unique opportunity - this is my closest local (2 miles) and normally has no SP. (DG-CA)
- KDHI CA, Twentynine Palms 6/28 0907 spot for business in Twentynine Palms, followed by live announcer asking listeners to remain calm at the same time as a large aftershock was happening. He didn't sound very calm himself! (DG-CA)
- +6/29 0812 very good over KTMS on apparent day power due to emergency broadcast of earthquakes in area. (RW-CA)
- 1280 (KFRN) CA, Long Beach 6/28 0900+ off due to quake. KDOL dominant, also heard a tentative KHEP ID. (MS-CA)
- KDOL NV, Henderson 6/1 0233 very good on top with ID "Radio Latina, es tu musica," local spot. (RW-CA)
- 1310 (KDIA) CA, Oakland 6/22 0435 totally off, back on at 0630 recheck. (RW-CA)
- 1340 ?KGLW? CA, San Luis Obispo 6/1 0243 tent. reception again, ex-KATY with unID talk show, programming // KUHL-1440. Faded out before ID. (RW-CA)
- KLOO OR, Corvallis 6/14 0851 good atop channel with adcon or Oldies, PSA for Corvallis Art Center, two mentions of KLOO. Fairly rare here compared to KFLY-1240. (BH-WA)
- KWWW WA, Wenatchee 6/15 0644 up through mess with end of report on NBA basketball, "K-W-3" jingle, oldie "Good Golly Miss Molly" // unID on 1360. Last heard in 1991 with BRN business news. (BH-WA)
- 1360 KNNS AZ, Glendale 6/15 0500 ID & CNN news. (MS-CA)
- 1390 (KGER) CA, Long Beach 6/28 0900+ off due to quake, some OC. (MS)
- 1430 (KALI) CA, San Gabriel 6/28 0935+ off due to quake - KWDO in strong with tentative KAMP. (MS-CA)
- 1460 KENO NV, Las Vegas 6/1 0829 xint with new news-sports format, ex-oldies. Thanks to Las Vegas DX'er for this tip. (RW)
- 1490 KEYG WA, Grand Coulee 5/29 0732 and 7/1 0725 dominated on this loop bearing with IDs. (LG-MT)
- CJPR AB, Blairmore 6/2 0700 with definite ID that included CJEV-1340 in Elkford, BC. Then began "Standard Broadcast News." I phoned station; announcer confirmed it runs Oldies Coast to Coast AN, then switches to C&W format. (LG-MT)
- 1550 KVAN WA, Vancouver 6/29 0823 good under KKHI with ID "15-50, K-Van." (RW-CA)
- 1590 KLIV CA, San Jose 6/8 0630 surfaced over mess with ID "KLIV San Jose." (MS-CA)
- 1600 (KMNY) CA, Pomona 6/28 0940+ off due to quake. (MS-CA)
- 1610 KPD607 CA, Santa Cruz new 10 watt TIS noted on 6/5 & 6/6 when my local TIS in Monterey, WNHN752 was silent with open carrier. Carries tape loop with visitor information. Went on air week before Memorial Day weekend. Got nice verie back from Public Works Dept., City Hall, 809 Center St., Room 201, Santa Cruz, CA 95060. Verie signer is Matt Farrell, Parking Coordinator. New. (JH-CA)
- TIS ID, Ahsahka 6/11 0733 strongest ever with man & woman alternating talking about the Clearwater National Forest. Poor fidelity, like telephone. (LG-MT)
- TIS MT/WY, Yellowstone National Park 6/15 0725 has a loop tape with man & woman. Moderately strong. (LG-MT)
- TIS WA, Bridgeport 6/24 0713 finally reappeared with "Welcome to Chief Joseph Dam!" Male announcer. (LG-MT)

LOCAL CHANGES

- 980 KCTY CA, Salinas local back on 24 hours a day again. Had a s/off of 0300. Overnight, from 0300-0800, is // to their FM, KRAY and uses KRAY IDs, except for legal ID. (JH-CA)
- 990 KSSM CA, Santa Barbara 2100-2200 each night now runs a show called "Dinner With Frank" (you guessed it - all Frank Sinatra) and from 2200-0300 s/off "Jazz After Dark" (all jazz). Local Marketing Agreement with local KSBL(FM) collapsed after only a month. This struggling station is reportedly going all news or news/talk. (DG-CA)
- 1240 KNRY CA, Monterey local usually carries ESPN sports net // KNBR-680 Sat. & Sun. late afternoon, usually 1800-0100. If Oakland A's or CBS baseball game is on, ESPN carried after the game. (JH-CA)
- 1490 KRKC CA, King City local now country, ex-rock oldies. Format changed on 6/14. All live, no satellite format here! On from 0800-0300, still with CNN news on the hour. IDs as "1490, KRKC Country." (JH-CA)

UNIDS

- 730 6/29 0745 unID OC good over mess, looping E-W. (RW-CA)
- 750 6/22 0452 OC strong looping east, apparently KOAL. (RW-CA)
- 940 6/22 0501 unID spanish very good looping NNE-SSW. Laser blasts in between songs in XEWW/XEQ nulls. Does KWBY-OR carry Spanish at night? (RW-CA) (Bill says they may be 100% Spanish.--NH)
- 940 6/22 0510 unID fading up good with "Sports Final" program // KNBR-680 San Francisco. Who's on the network? (RW-CA)
- 940 6/22 0530 unID soft EZL/nostalgia fading up over mess, then gone immediately, no comeback. Looped ENE-WSW. Calls heard sounded like KR?ER? (first two letters seemed definite). Ideas? (RW-CA)
- 1090 6/29 0506 unID TT poor in XEPRS null. Suspect KING. (RW-CA)
- 1490 6/25 0708 unID Spanish, man announcer gave PST TC. (LG-MT)

Thanks for all the fine reports this week! My next WDXR deadline is Wednesday July 22, as we leave for vacation after Bill gets off work Saturday July 25. Our vacation will take us to Coeur d'Alene, ID, up to southern BC, over Crownst Pass, Lethbridge, AB, Glacier Nat. Park in Montana, Missoula, then home via Spokane and Yakima, WA. Hope everyone is having a good summer.

TALK NETWORKS 1992: WE NEED YOUR INFORMATION!

WIN A FREE ALMANAC UPDATER!

Almanac Updater 5.6, coming in August-September, will feature "Talk Networks 1992," a complete guide to radio talk, with schedules, formats, indexes by title and host, and all available station listings.

To make this listing as complete as possible, please send details of the stations in your area carrying talk programs. This can come from your listening or from your newspaper. Please send it to Bill Hardy, 2301 Pacific Ave., Aberdeen, WA 98520 by August 15.

Your information will automatically be entered in our monthly Almanac Updater contests. See page 10 of the May DXM or page 2 of the June DXM for more contest details. You get 1 point for each station heard with a talk program (or anything else included in the Almanac), ½ point for each station listed in a newspaper or announced as being on the network, and 3 points if you are travelling at least 50 miles from your home. All Almanac listings are eligible for contest points - right now we especially need talk shows!

IRCA AM-FM ALMANAC UPDATERS:

Updater 5.5, now off the press, features 1992 baseball, Spanish networks, Interstate Radio Network, and AM slogan updates.

Updater 5.6 will feature "Talk Networks 1992." Order now for August-September shipment.

Coming in October: Updater 5.7, featuring NFL and college football. Updaters 5.1 thru 5.4 are all still available.

20 pages each, \$2 U.S. and Canada, \$3 elsewhere, payable to IRCA, from Bill Hardy, 2301 Pacific Ave., Aberdeen, WA 98520. Thank you!

Central DX Roundup

★ PRODIGY
MPNN49A

EDITOR : John C. Johnson

979 Neptune Boulevard Billings, Montana 59105-2129 FAX: 406-252-9938

FOR THE RECORD

REPORT ALL TIMES AS EASTERN.

COMPUTER & FAX ACCEPTED.

DEADLINES: 8/1, 8/29, 9/12.

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.

DOWN THE DIAL

640 KFI CA, Los Angeles. 5/25 poor mixing with R. Reloj, CHOG, and CKRC splatter. 0437 with news and weather. [SA-MB]

670 WMAQ IL, Chicago. 6/14 strong in CJOB null. 0432 with traffic and weather reports. [SA-MB]

690 CKBF1 SK, Gravelbourg, 6/14 good. 0430 with Classical music \CKSB-1050. [SA-MB]

800 CHAB SK, Moose Jaw. 5/23 fair. 1627 with ID into oldies. Good signals in middle of day, but only if using the PLAM board, otherwise only a het. [SA-MB]

990 CKIS PQ, Montreal. 6/6 very strong. 0450 with "Oldies 9-90" ID, weather, oldies music. [SA-MB]

25 YEARS AGO

July 22, 1967 issue of DX Monitor...A preview of the Denver convention mentioned accommodations at King's Inn at \$9.00 single...Hosts for the convention were Charles Buckley, Larry Godwin, Dallas John, Dave Johnson, Bill Nittler, and Mike Reynolds...Paul Kirkpatrick reported in from Germany listing his common heard stations...Foreign DX Records showed C. M. Standbury of ON leading with 106 countries verified.

OPEN MIKE

A man who knows that he is a fool is not a great fool. Correcting an entry in the June 13th CDXR, it's WHO not WOW in the 1040 listing. Summer must be here. Thanks to Shawn we have a column! 73, John.



1926 loop antenna made by Eclipse Radio Laboratories; a basketweave antenna could be rotated easily on its pivot.

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"The Canned Aerial"

The manufacturer bragged about the marble, but it was only for looks: a capacitor actually coupled the antenna to the power lines.

Radio News for December, 1922

E

D

X

R

Ray Bauernhuber
141-12 243rd St.
Rosedale, NY 11422



(MH-NC)

Mike Hardester 3118 Gaitway Court, Jacksonville, NC
 28546-6973; ICOM R-70 + Radio West Ferrite Loop.

*** SPECIAL INTEREST ***

- 910 WLAS NC, JACKSONVILLE no DX in quite some time but I did catch the "First Day" (return to the air) of broadcasting from WLAS-910. The station was delayed in returning to the air until this AM. The station's studios (possible address for reception reports) are located at 535 Bell Fork road, Jacksonville, NC - 28540. A segmented account of what I noted follows:
- 6/24 At 1645 I noted a f/ann with continuous voice IDs as "AM 910" (4 second phase) "WLAS, Jacksonville" (pause and repeat). This testing continued (AM & PM, though not certain if all night) until 6/29 at 0525 when the station was noted off (had been noted w/ID at 0450 check).
- 6/29 At 0550 recheck, a new repeating announcement by m/ann was noted: "Regular programming resumes Tuesday morning at 6 O'clock, on 910 AM WLAS, Jacksonville." This tape was noted throughout the day until 0530 on 6/30 when the station's signal was noted off.
- 6/30 At 0550, the carrier was noted on; at 0559 into brief UNID instrumental mx to brief s/on announcement, mention that WLAS is now "**HOT TALK NEWS RADIO**", and into CBS News.

EDITOR'S DESK

Thanks to this issue's reporter. All IRCA DX TESTS are arranged by J.D. Stephens. All expenses are "out of pocket" for J.D. so cash or stamp donations sent to J.D. are sincerely appreciated. References used for EXDR are M Street Radio Directory (1991), NRC AM Radio Log (1992) and the IRCA AM-FM Almanac, 5th Edition (1991). The dead line for the July 18th issue is July 6th. "Until next time ... CONTINUED GOOD DX MY FRIENDS and 73 de Mr. B

KC & W

AM 55

Traditional Country & Western



Western DX Forum

★ ★ ★ ★

REID WHEELER 5910 BOULEVARD LOOP SE OLYMPIA WA 98501

See Vol 29, No. 30 for deadlines

[25]

Mike Sanburn, PO Box 1256, Bellflower, CA 90707

Greetings. I'm currently celebrating my 20th DX anniversary. I'll still have to wait for the turn of the century until I can see my name in the "25 years ago" section of DXM. Speaking of 25, some of the local stations are marking the silver anniversary of the Beatles Sgt. Pepper album (seems like yesterday), and finally, after 30 years, Johnny Carson has stepped down from TV's Tonight Show. That alone should create thousands of new DX manhours, hi. I believe Johnny got his start in radio working at WOW in Omaha, NE. Here at the shack, I've been DXing whenever possible between job/school/and working backstage at local theater productions. MMs are still primetime for me, but it seems that SPs are all annual now instead of weekly. I did manage to take my Walkman to Las Vegas last weekend for a quick SSS bandcheck. The top of the dial was alive with mostly SoCal stations like KWIZ, KNSE, and KPRO. I also listened to WNON 530 Khz at McCarren airport (complete with radar QRN every eight seconds, hi.) Back at home, recent veries are from KVRD, KXTQ and KSRO. I'm looking forward to next season's CPC menu. Hope they generate that all important 33rd state or 6th province for me. Sorry to read that Ralph and Tim will be leaving their editor/publisher positions - great job they did! Everybody enjoy the convention in Dixie and stay on those dials. 73 de MS.

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

It never fails - you finally get your radio into tip top shape and the band goes to pieces. I have gotten the PLAM or Phase Locked Amplitude Modulation board installed to the ICOM R-70. It is well worth the price which was \$150 in Canadian funds. The board comes with a great manual that guides you through the step by step installation. It comes with detailed pictures that shows you where to solder right down to which side of the diode. Even an inexperienced operator could do this if he were half decent with a soldering gun. All you need is a screwdriver, small wire cutters and a soldering gun to put in the board and align the receiver. All is spelled out clearly and simply with no big technical words or schematic drawings. Once you have it in you WILL like this unit. It is used in either USB or SSB and gives you use of not only your AM filter but your SSB filter on AM as a bonus. I now have the use of a 4 and a 2.4 filter on AM and the 2.4 for the Plam board. The board works something like the synchronous tuner found on the Sony 2010 and Drake R-8. The PLAM however goes a step further and helps boost the signal after it locks onto the signal. All of this and improved audio to boot. On the first trial the board came through with flying colours. 1375 has yielded HETs on several occasions here but after hearing the HET and tuning in the PLAM board the HET turned into audio for a new one - St. Pierre and Miquelon. The same has proven true for R. Reloj on 640. And by the way 640 is only 10 KHZ away from CKRC which runs 10,000 watts all of 2-1/2 miles from my place. The PLAM plus the 4 foot loop make for a great combination. As for the technical aspect of how it works, I'm not too sure - all I know is that it DOES work and work well. Any one interested in more info can write to me. As for as I know the PLAM works on ICOM R-70 and 71's as well as NRD 525 and 535's. Hope you have a great summer - 73. Shawn

Gary Jackson, 7735 Center Parkway, Sacramento, CA 95823

Hil Conditions here have been noisy all nite long, so not much DXing being done. Received 1610 khz Anquilla the Valley back in December! 1991 WRTH gave a US and Anquilla address - sent verification letters to both but US address not right as letter came back from Postal Service! No answer from Anguilla address either but waited 6 months and sent a followup with IRC's as return postage. No answer yet from Anquilla! Anyone know if WRTH address correct? Any ideas? Thanks and 73's.

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

(406) 721-5131

[7/1] Greetings! Although my love affair with the Sanserino box loop continues, I haven't heard as much exotic summer DX as I'd hoped. I tried for Chile on various semi-clear frequencies most days in June around 1045-1115 GMT (0645-0715 EDT) with no luck, although this was prime time for such reception three decades ago. I've been enjoying very much tuning the 1610-1700 kHz part of the band the past two months. It's practically wide open, which must be what the entire BCB was like in the twenties. I've now heard the 1 kw. "OR" on 1615 in New Zealand six or eight times (see DXWW for details), but have been unable to ID any of the higher-powered ones on lower BCB frequencies. This should be absolutely the best DU bet for anyone east of the Continental Divide! And it's so easy to identify. However, during June I noted that conditions in the 600-1110 range differed greatly from 1610-1700 from day to day. This morning (7/1) I heard DU hets moderately strong on 657, 738, 819, 828 and 1008, but there was no trace of "OR" on 1615. Jean Burnell's logging of Bolivia on 1550 (6/13 issue DXWW) was truly inspirational. RCE: Your June column looked great! I hope you're enjoying your new computer. 73

Gary Larson, 2806 Lincoln, Burbank, CA 91504

(818) 843-8333 / (800) 310-4099 [LA area]

[6/29] Got a phone tip from Steve Mittman on 28 June that KMPC 710 would be off Mon. morning 29 June. He heard this from Tim Hall. So I plan to be tuning at that time. I've just now heard KMPC sign off but nothing else noted at work in N Hollywood. There was an open carrier on 670 but unable to get an ID. Heard on local KFVB a news person from KNWZ 1270 talk about 28 June earthquake. Shook here at job but no problems. I also heard a report from someone at an FM (KCDZ) in Joshua Tree, CA area saying their station was off and some damage occurred there, too. Power was off for 10 min. at job but all normal after that. Wanted to go to SCADS June meeting but money held me back, relating to gas. Really too bad about Morongo Basin (Yucca Valley) quakes. I recall nice visit to Mort Melhan years ago. 73 all.

Reid Wheeler, 5910 Blvd Lp SE, Olympia, WA 98501

Since spring, DX here has been zero - mainly due to conditions being so poor as well as a heavy job schedule. Am looking forward (as are many others) to the fall DX season. Most recent equipment acquisition was a Heath SB-620 Scanalyser purchased from our illustrious publisher - neat accessory! Speaking of our publisher, I certainly hope there will be some definite interest from a member to become Ralph's successor. In the short time I have been the WDXF Editor, I have appreciated Ralph's mentoring and support; I'm sure the next publisher will have the full support of all the column editors so the transition will be as easy as possible. Keep your forums coming! 73



EASTERN

DX

FORUM

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

Deadlines: 8/1

Phone: 414-Atlantic 2-9035

Tom Laskowski, 1334 East Miner Street, South Bend, Indiana 46617

I've been kinda scarce here lately, but finally found a few minutes to say hello. I started a new job at the end of Feb. as a lab technician for an environmental lab. It's very interesting work. I had a very enjoyable visit with Tom Jasinski here at my shack in early March. Thanks again for the visit, Tom! We're hoping to meet up again in Sept. when I attend Astrofest near Kankakee, IL which is an annual amateur astronomy meeting. I've been inactive DXwise, but I'm sure things will pick up as summer comes to an end. A trip to far west, remote Ft. Davis, TX is planned for mid Oct. where I'll try to do some halfway serious DXing. I may have sold the R71A by the time this reaches print. I hated to part with it, but it was used very seldom due to the terrible display noise problems I had with it. My ham rig, ICOM IC-725 is much more useful for MW, although not as selective and versatile. Hope to see many of you report/support the club this upcoming DX season. Best DX and 73.

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

From the Courier-Journal Weekly Sampler (5/27) an article about the Bailey's Country Store radio show on WCTT-680, 0830-0900 except Wed and Sun. from the Williamsburg, KY store. It began in 1947 and may be longest running radio show in the state. I stopped by the store (off I-71) on the way to Knoxville for the 1990 MT convention. Saw the "studio" but was too late for the show. Store was something else! Radio Beijing Messenger (May-June) has an article about Beijing Jingjitai (Economic Radio) on 1026. Eleven hours per day, with a variety of talk, music and news. Advertisers too! Says fifteen of these stations in China. Pretty interesting and no copyright to prevent reprint, so am enclosing, along with radio log, which includes domestic AM/FM. RB will have a China tour Jan. 8-19, 1993. Land & air from L.A. is only \$1,755 so I may go! Good Earth Travel, 800-893-2125, is tour operator. Program Director Ron Chilton of WAVG-970/WXVW-1450 (Sunnyside Communications) showed me the stations on 5/28. They are co-located at 213 Magnolia Ave. in Jeffersonville, IN. This Harris tx for WXVW is there, with tower back. The WAVG towers are a few miles north on Hamburg Pike but address is P.O.Box 1897, Louisville, KY 40201. WXVW is P.O.Box 726, Jeffersonville, IN 47130. Sunnyside recently acquired WZZB-1390 (Good Time Rock & Roll) and WQKC-93.7 (Quick Country) in Sellersburg, IN. If yore in KY this summer, stop by the Hawgs is Us store right down the road from Falling Rock Zone and see me. (Now you ask me. I was thru Louisville on I-65 the middle of May, hi.-rce)

Mike Hardester, 3118 Gaitway Court, Jacksonville, North Carolina 28546

GREETINGS! As another DX season passes into the record books, I can't help but note the OUTSTANDING accomplishment of J.D. Stephens in arranging DX Tests this past season. For me, a new state was added, and indirectly, a new province was heard. Thanks, J.D.! In going through my very brief log for this past season, reports to the following stations are, as yet, without a reply: CHTN-720, KMYZ-1570 (DX Test), WESC-660, WILD-1090 (DX Test), WJXY-1050, WTAK-1000, WTMR-800, WTWB-1570, WVOK-690, and the TIS in Virginia Beach, VA., on 1620 KHZ. Before sending out follow-ups, does anyone have a v/s for any of these? CHTN, WTAK and WVOK are a new province / new state. Local WLAS-910 should be back on by the time this is in print. Since 6/24 they've been voice testing 24 hours (I think) with continuous ID by a woman. Would have been a fairly easy log for anyone checking the frequency. So far, all I've been able to come up with is a phone number (919) 455-98528, but no answer as of 6/26 and no sign of life at the (former?) studios. The studio, with STL antenna intact, is located at 535 Bell Fork Rd., Jacksonville, NC 28540, and this may serve as an address for reports

until a better address is available. All for now. Very 73 and Best of DX!

Leonard Hyde, 1805 Whipple Drive #26, Blacksburg, Virginia 24060

The annts in the last DXM were sad. Ralph leaving as publisher next year, Tim giving up his column. The face of the club is changing. UTC for IRCA - why not? As it is, everyone has to translate except we in the Eastern Time Zone, and we have to with foreign stations, as well. Why not use the standard that is universally accepted, and get everyone's "watches synchronized?" The clock on my DX440 is set to UTC, so I have to translate to ELT, anyway. (Leonard, if you asked 100 people on the street what time it is in UTC, I would guess that less than 25 would know what you're talking about, let alone be able to tell you what time it is in UTC. The people in this country convert to ELT, not UTC. Also, using ELT as a standard keeps the schedule/testing references consistent between summer and winter. UTC would not. Enough of my soapbox--rce) The KPMC format change is typical. Stations are now jumping in mass to the all sports format, as they did news/talk. Soon, they will be gagging on it. When will they learn that loyalty to their listeners should come first? It was good to see the convention announced. However, once again, it's lateness will cause many of the members to miss it. I think it is time to deal with this. Seattle is the IRCA's unofficial home base. Perhaps a provision is in order to automatically hold the convention there if a timely bid is not received. With all the members there, it would be no problem to arrange it, if necessary. Re my DXNW-E rpts on the Cuban stns, they were definitely being jammed. The jamming signals were all electronic in nature. It seems the Cubans were up in arms over US television signals being transmitted to Cuba, so they retaliated. The signals on 830, 1040, 1100 and 1160 were all EE, at monster levels. Obliterating WCCO, WHO and WWWE. Anyway, in a few nights, it was over, and things back to normal(?) again. By the way, CMQ is no longer the call for the 640 Cuban. CMQ is now 670, 640 is listed as CMBC. I got an ID on my 1030 SS daytimer, and it is not WOSO, it is WNTL-MD, listed as ETH in the NRC Log. I am also looking for recordings of top 40 radio from the mid 60's, or even just tags and spots from the era. No luck - for some reason, I assumed everything that originated in the modern era was saved. Now I am finding that even some TV series were not saved, and thus, are lost forever. Along those lines - does anyone know where I can get a copy of 1967's "Who Do You Love?" by the Woolies? A "smash" that topped at #93 in Feb. 73 de LLH. (Try Saturday Night Records, PO Box 669, Macomb, IL 61455..The guy's name is Frank Merrill--rce)

Rick Evans, PO Box 21883, Milwaukee, Wisconsin 53221-0883

Would you believe just one more issue of DXM before Labor Day! Time is sure going fast. I've been trying to think up a decent way to set up a data base for my DX records but nothing yet that I'm really satisfied with. Any suggestions from others who have done it? (I have Microsoft Works to, well, work with (hi). I didn't mean to hit the soapbox in the middle of Leonard's Forum report, but it was done a few days ago, well before I thought I would be ending the column. To echo Tom, I would like to see more support for the columns this coming year. I'm finding it's a lot easier and faster to do the column on the computer--and, frankly, a lot more fun. 73.

WGN



LEONARD L. HYDE -- 1805 WHIPPLE DR. #26 -- BLACKSBURG, VA 24060

Here's the first of what I hope will be many topical DX Techniques columns. The subject is "Effective Summertime DXing." Away we go ...

PHIL BYTHEWAY: I use my summer DX time to log those easier/closer stations that have changed calls or are new on the air. The first thing I do is create a comprehensive list, using "Broadcasting Information," and appropriate DXR columns in the past year's DXMs. I enter them into a file on the computer at work, in frequency order. Once I have this master list complete, I go through it station by station and note the best time to try for each. Then I rate the probability (1-10) of hearing, based on previous loggings, frequency conditions, and "gut feeling." The list is then sorted by probability, and printed out for easy reference. For a normal DX session, I usually consider the top 5 stations, crossing them off the list when logged. Using this technique, I have often heard other (more true DX) stations, as well as the targeted ones. The key for me is that the list gets me to think of regular DX during the summer, when I would normally not turn the radio on for months.

LARRY GODWIN: The key to summertime success is, I think, persistence. Sometimes I'll get up at 0445 and all I'll hear will be lightning static. Other mornings there's an annoying buzz from I don't know where. It takes some self-discipline for me to keep at it, but I'm always rewarded. I believe there is a great deal of potential for hearing distant southern hemisphere stations around the changing of the seasons, which is June 22 this year. In previous years I've been able to hear stations in Chile signing on around 0700 ELT, plus a few in the South Pacific. So far this June, I haven't had much success, but come a GOOD sunspot year, these stations will make it plentifully, I'm sure.

ED: My comments are somewhat in line with Phil's, in that I use summer to log the closer stations. My "hitlist" still shows many stations unheard within a 500 mile radius. I take advantage of the shorter skip conditions during summer to log these closer stations. Then, closer stations may be heard that are covered during winter by stronger, more distant stations coming in on the longer skip. The SSS/SRS periods are longer in summer, and while not providing the long distance reception they often do in winter, the DX stations tend to stay "in" longer during summer.

Thanks to all the reporters for their support. As you can see, summer can be used for more than mere logbook maintenance, and wistful thoughts of cool, crisp fall evenings to come.

The next topical column will be "Hints and Kinks for the GY DXer." Send experiences, and techniques YOU use to make your GY channel DXing successful. Deadline here is September 4, so get those cards and letters in.

BOOKS...BOOKS...BOOKS...

THE RADIO STATION - by Michael C. Keith & Joseph M. Krause

This is not a new book (1986) and it is not about DXing, but I would rank it as a "must read" for anyone interested in AM and FM radio. It is worth looking at for the cover alone, a colorful collage of radio station bumper stickers.

It begins with a brief history of radio broadcasting, then covers every aspect of radio station operation, including programming, sales, management, production and promotion. All the current formats, including CHR and UC, are described in detail. (I now understand what MOR REALLY is.) Automation, and satellite programming are discussed, as well. No mere dull treatise, this book is full of illustrations and real life experiences and situations. A real treat are the reproductions of actual radio station forms, maps, and flyers, complete with logos! Look for it in your library at 384.54 or HD8698.K45 1986. I do not know if the book is still in print.

TOPICS WANTED!!! What topic would YOU like to see covered in DX Techniques? Send your ideas to me. This is YOUR column, and I want to feature material that will be of value to the membership. Any topic relating to the methods and techniques of DXing is fine. This would also include record keeping, planning, QSLs, reporting to the DXM columns, etc. I have some ideas, but they will be used up fairly quickly, so give the old ed a hand here, eh? 73 and good DX de LLH.

NEXT ISSUE: "DXing With A Winning Gameplan" (Continued)
 SEPT. 19: TOPIC: "Hints and Kinks for the BY DXer." Deadline: Sept. 4

Geomagnetic Indices

| | | | | | |
|-----|----------------------|-----|----------------------|-----|------------------------|
| + | high point | mas | major storm | SA | solar activity |
| - | low point | mif | minor flare | spe | satellite proton event |
| GEO | geomagnetic activity | mis | minor storm | ss | severe storm |
| maf | major flare | pca | polar cap absorption | | |

Geomagnetic Summary May 10 1992 through June 5 1992

| Date | FLUX | A | K | SA | GEO | ETC |
|------|------|-----|---|----------|------------------|---------|
| 5/10 | 124 | +99 | 6 | very low | mas-ss | ss/spe |
| 11 | 126 | 36 | 2 | very low | unsettled-mas | mas/spe |
| 12 | 125 | 7 | 3 | very low | quiet | - |
| 13 | 126 | 16 | 2 | very low | quiet-active | - |
| 14 | 127 | 2 | 1 | very low | quiet | - |
| 15 | 122 | 3 | 1 | very low | quiet | - |
| 16 | 116 | 2 | 1 | very low | quiet | - |
| 17 | 113 | 3 | 3 | very low | quiet | - |
| 18 | 117 | 11 | 3 | low | quiet-unsettled | - |
| 19 | 131 | 9 | 2 | low | quiet-unsettled | - |
| 20 | 137 | 9 | 2 | low | quiet | - |
| 21 | 142 | 9 | 2 | low | quiet-unsettled | - |
| 22 | +145 | 26 | 3 | low | unsettled-mis | - |
| 23 | 142 | 10 | 3 | low | unsettled | - |
| 24 | 134 | 8 | 2 | low | quiet-unsettled | - |
| 25 | 123 | 8 | 1 | low | quiet | - |
| 26 | 119 | 5 | 2 | low | quiet | - |
| 27 | 115 | 9 | 1 | low | quiet-unsettled | - |
| 28 | 111 | 11 | 2 | low | quiet-unsettled | - |
| 29 | 105 | 17 | 3 | low | quiet-active | - |
| 30 | 99 | 14 | 4 | low | unsettled-active | - |
| 5/31 | 99 | 8 | 3 | low | quiet | - |
| 6/1 | - 99 | 7 | 1 | very low | quiet-unsettled | - |
| 2 | 102 | 4 | 1 | very low | quiet | - |
| 3 | 107 | 4 | 0 | low | quiet | - |
| 6 | 108 | - 1 | 1 | low | quiet | - |
| 6/5 | 115 | 4 | 0 | low | quiet | - |

CHANGES AFOOT IN THE AM BAND

Bruce Portzer

Back in the 1970's an international agreement was reached to expand the AM broadcast to 1700 Khz in the western hemisphere. Since then, further international negotiations have taken place to work out the details of the agreement. During that time, the AM band has been losing audience share to FM, with the listening public perceiving AM as inferior to FM.

The decline of AM has been a big concern at the FCC and in industry circles, and various moves have been made by the FCC and the broadcast industry to shore up the AM broadcast band. At the same time, the FCC has been faced with the problem of how to fairly allocate the additional 100 Khz of radio spectrum to AM broadcasters.

The need for improvement and expansion of the band brought about a Notice of Proposed Rulemaking by the FCC in 1990 to revitalize and expand the AM broadcast service. This process covered technical and regulatory changes to the existing AM band, as well as the new portion of the band, with a goal of improving the quality of service.

After a long period of public comment and review, the FCC finally came out with its final decision last fall. I recently obtained a copy of the FCC's Report and Order on this process from the local FCC office. The report is dated October 25, 1991 and documents the FCC's findings and the resulting changes to the FCC Rules. It is a couple hundred pages long and, as government reports go, makes fascinating reading.

I quickly discovered that the Rules changes are much broader than merely expanding the band. Many other changes were made which will have interesting effects on our hobby in the years to come.

Existing Stations

For decades, the FCC has had four classes of stations, with several subclasses. These included Classes I & II (clear channels) with subclasses such as II-A, II-B, etc to denote levels of power and interference protection, class III (regional channels) and Class IV (local channels). In the future, there will be four somewhat different classes of stations:

Class A, the current class I stations; these are the major clear channel stations like KFI and WCCO.

Class B, the current class II and III stations; these include the full-time secondary stations on the clear channels, plus the full-time regional channel stations.

Class C, the current local channel ("graveyard") stations.

Class D, including daytime-only and certain other class II and III stations with limited interference protection.

At first glance, this change looks like mere administrative bookkeeping. However, such is not the case, because the rules change also allows up to 50 kw for all class A and B stations. In other words, the 5000 watt (or less) regional channel stations can potentially boost power to 50 kw! This may not be as bad as it sounds, however, because all stations are still required to maintain current levels of interference protection to other co-channel stations and first adjacent channel stations, plus more stringent protection to second adjacent channel stations (i.e. those 30 kHz away). The rules change also requires stations to demonstrate a 10 percent interference reduction when any modifications are made to existing AM facilities. In other words, they'll be allowed to boost power if it results in less overall interference to other stations!

Given the large number of stations operating on regional channels, many

with complicated directional arrays. I'm not convinced we'll see large numbers of stations boosting power, although some could take advantage of it in coastal locations. One area in particular would be the southeastern US, where AM stations are plagued by QRM from stations in Cuba and other Latin countries. I wouldn't be surprised to see most of the stations in Miami running 50kw in a few years. In other parts of the country, some stations may boost power but blast most of the signal towards Europe, Africa, Australia, or Japan. As an example, KXRO-1320 in Aberdeen, WA could probably get away with it by building a new 50kw transmitter site SE of town, with deep nulls to protect CHUM-1320 Vancouver, KMPS-1300 Seattle, KUPL-1330 Portland, KHNN-1320 Eugene and several other stations, and blast away at Aberdeen and Siberia. On the other hand, KMEN-1290 in San Bernardino, CA probably couldn't boost power because they have co-channel and adjacent channel stations in all directions.

In addition, the FCC revised the method by which nighttime interference levels are calculated. The revised method is said to more accurately account for real world conditions. I'm not sure what impact this will have, if any, on DX listening.

Expanded AM Band

Many years ago, an international agreement allowed for the expansion of the AM broadcast band to 1700 KHz in the western hemisphere. The FCC has finally adopted rules for operating in this expanded portion of the band, and has established a procedure for filling this frequency range. This process will basically be as follows:

- As a general rule, stations on the ten channels between 1610 and 1700 will be allowed to operate with 10kw days and 1 kw at night. In a few cases, higher night power may be considered. They will be allowed only non directional or simple directional patterns.
- Stations will be spaced every 400-800 km. It is anticipated that this will allow a maximum of 25-30 stations per channel. This is roughly equivalent to the number of full time stations on most regional channels.

At some undetermined time in the future, the FCC will begin taking applications for operation in the expanded band. There will be a time window when stations will be allowed to file a petition to allow them to operate in the new part of the band. The stations which file will be prioritized through a rather complex process, based on interference reduction, area served, and willingness to use AM stereo. Existing full-time stations will receive priority over daytime-only stations.

The FCC will then indicate which of these stations will be allowed to apply for an authorization to move to the new band. Frequencies will be selected by the FCC (not the applicants) based on the optimal "mix" which minimizes co-channel and adjacent channel interference. Eventually, after many months, construction permits will be issued, and the successful applicants will be able to start operation on their new frequencies. Stations which move to the new part of the band will be able to simulcast on their old and new frequencies for up to five years.

I'm not sure how long this process will take, but I won't be surprised if it takes until at least the end of the current millennium for the new band to fill up. In any case, the moves will take place one station at a time. I envision a period of at least a couple years when we will be in a get-it-while-you-can mode: we'll have clear spots at stations hundreds or thousands of miles away, which will eventually get covered up when much closer stations come on the air. Those of us on the west coast could conceivably have a limited window of opportunity to hear rare states like Maine and Delaware, while DXers in the east might have similar brief opportunities to log Idaho or Montana.

After that, the channels will start to get more crowded; however, sunrise and sunset DXing could still be interesting with stations switching from 10kw to 1 kw (or vice versa). Bear in mind that radio signals are beamed

better above 1600 than in the current band. Five hundred watt Aussies were heard recently on 1620 & 1629 in the eastern US & Canada, and hams have long enjoyed worldwide communications on 160 meters (1800-1900kHz) with less than 1 kw. I'm chomping at the bit, hi.

It should also be noted that 530 kHz was authorized for broadcast use in the western hemisphere. However, the FCC decided not to open this frequency for broadcast use. It will continue to be used by TIS stations, plus broadcasters in Canada and other countries.

Traveller's Information Stations

TIS stations are currently allowed to operate on 1610 kHz and 530 kHz with ten watts or less. With the expansion of the band to 1700 kHz, TIS stations will be allowed to operate on any standard (10kHz) frequency from 530 to 1700 kHz, which doesn't result in interference to and from broadcasters. This will probably make them more difficult to hear, since their ten watt transmitters will have to compete with multi-kilowatt broadcast stations (except on 530 kHz).

Consolidation

The FCC will also allow owners to surrender AM station licenses for cancellation. In return, the station owners will receive tax certificates enabling them to defer. As a result, owners will be able to receive tax breaks by closing down marginally profitable stations. The FCC's goal here is to provide an incentive for interference reduction. It will be interesting to see how many stations take advantage of this rule.

Some ownership rules have also been relaxed to allow common ownership of stations with overlapping 5 mV/m contours. These stations may operate with parallel programming. We may soon start seeing more mini-networks of stations in the same geographical area. Here in western Washington, we already have something called the "Country Gold" network, consisting of KJUN-1450, KWYZ-1230, KTOL-1280, KENU-1330, and KBLV-1540. These 4 suburban stations each have power and/or antenna pattern limitations which greatly limit their individual coverage; however, together they cover a large area. The advantage here is that operating costs can be consolidated for several stations, and coverage can be expanded over that of a single AM station. I believe in this case the network owners are leasing 100% of the air time from the station owners, but the same principle would apply if the stations were all owned by the same individual.

Conclusions

At this point I'm not sure when all these rules changes will take effect. However, I expect it will be soon. The expansion of the band will be exciting during the transition period. Beyond that, it's not clear what impact these changes will have on our hobby. A few stations will probably leave the air for good, but these will not exactly be the most powerful stations in their markets. A couple hundred stations will move to the upper end of the dial, eventually vacating their present channels. This will make DXing a little easier on individual channels for individual DXers. However, the change will only affect less than 5% of the existing stations, most of which presently have facilities which the owners feel provide less than acceptable coverage.

The FCC's Report and Order on Docket 87-267 "Review of the Technical Assignment Criteria for the AM Broadcast Service" has a lengthy discussion and analysis of the above changes, including technical criteria and Rules changes covered by its decision. I was able to obtain a copy from the FCC's Seattle office for no charge. You can also find the same information in slightly abbreviated form in the December 12, 1991 Federal Register.

Geomagnetic Indices

| | | | | | |
|-----|----------------------|-----|----------------------|-----|------------------------|
| + | high point | mas | major storm | SA | solar activity |
| - | low point | mif | minor flare | spe | satellite proton event |
| GEO | geomagnetic activity | mis | minor storm | ss | severe storm |
| maf | major flare | pca | polar cap absorption | | |

Geomagnetic Summary June 6 1992 through July 2 1992

| Date | FLUX | A | K | SA | GEO | ETC |
|------|------|-----|---|----------|------------------|-------------|
| 6/6 | 120 | - 3 | 2 | moderate | quiet | - |
| 7 | 116 | 7e | 4 | low | quiet-unsettled | - |
| 8 | 115 | 24 | 3 | moderate | unsettled-active | - |
| 9 | 119 | 21 | 2 | low | quiet-unsettled | - |
| 10 | 125 | 20 | 3 | low | unsettled-active | - |
| 11 | 129 | 21 | 3 | low | unsettled-active | - |
| 12 | 127 | 26 | 3 | very low | unsettled-mis | - |
| 13 | 124 | 14 | 2 | low | quiet-unsettled | - |
| 14 | 123 | 9 | 2 | very low | quiet-unsettled | - |
| 15 | 121 | 6 | 3 | low | quiet | - |
| 16 | 119 | 6 | 2 | low | quiet | - |
| 17 | 130 | 7 | 2 | low | quiet | - |
| 18 | 116 | 14 | 3 | low | quiet-active | - |
| 19 | 115 | 11 | 3 | low | quiet-unsettled | - |
| 20 | 113 | 10 | 4 | low | quiet-active | - |
| 21 | 117 | 9 | 4 | low | quiet-unsettled | - |
| 22 | 116 | 10 | 2 | low | quiet-unsettled | - |
| 23 | 122 | 11 | 5 | low | quiet-mis | - |
| 24 | 118 | 25 | 4 | low | quiet-mis | - |
| 25 | 122 | 15 | 2 | high | quiet-active | maf/spe/pca |
| 26 | 112 | 9 | 2 | moderate | quiet-unsettled | spe/pca |
| 27 | 110 | 12 | 2 | high | quiet-active | maf/spe |
| 28 | -108 | 15 | 3 | high | quiet-active | maf/spe |
| 29 | 111 | 38 | 7 | low | unsettled-ss | spe |
| 6/30 | 123 | +46 | 3 | low | quiet-ss | mas |
| 7/1 | 130 | 15 | 4 | low | quiet-unsettled | - |
| 7/2 | +137 | 18 | 2 | low | quiet-active | - |

ANNOUNCING A NEW IRCA ALMANAC CONTEST - FOR SUMMER VACATION TRAVEL!!

At home or away this summer, listen for IRCA Almanac information. Enter to win a free Almanac updater!

1 point per station for each item heard on a station that either updates or confirms a listing in the Almanac. This also includes items we're adding for 1993: State and regional networks, FM slogans, all simulcasts (AM-FM, AM-AM, FM-FM, multi-city, TV news audio).

½ point for items from newspapers and other print sources - clippings, photocopies, and handwritten/typed summaries all acceptable.

½ point for stations announced on a program as carrying that program.

Be sure to listen while you travel, because point totals are tripled if you are at least 50 miles from your home.

Monthly contests through September. Information can be from any time since July 1990 up till the entry is sent, provided it hasn't been entered in a previous Almanac contest. All entries received by the last day of the month count for that month's contest; you may win only one month. Almanac workers may enter information for any section they have not worked on. Send entries to Bill Hardy, 2301 Pacific Ave., Aberdeen, WA 98520. Good luck!

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 (proposals)
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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