



DX MONITOR

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International Radio Club of America

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This is our last weekly issue! Next issue in two weeks and is our IRCA's annual **Anniversary issue**. "DX Monitor" deadline – next **Monday** 3/6 6 PM PLT. IRCA is still looking for a new editor for **DXWorldWide-West**, **DX Test Coordinator** and backup **Editor-in-Chief**.

IRCA Web site Upgrade

The IRCA BoD is looking for someone to take charge of an IRCA web site upgrade. This person would find and coordinate with a web designer to create an upgraded web site for IRCA. There are IRCA funds available, which would need to be coordinated. Anyone interested in this, please contact me at phil_tekno@yahoo.com.

WRTH 2017 B16 updates

We have uploaded a pdf of updates to the B16 schedules in the International section of WRTH 2017. Visit **Updates** (http://www.wrth.com/_shop/?page_id=444) to download the file from the **WRTH** store.

If you haven't yet got your copy of WRTH 2017 then buy one NOW using this link: http://www.wrth.com/_shop/?product=wrth-2017

Readers in North America can also order copies from Amazon: <https://www.amazon.com/World-Radio-Handbook-2017-Broadcasting/dp/0955548195>. I hope you find the update useful. **Nicholas Hardyman**, Publisher

2017 IRCA/DecalcoMania/NRC CONVENTION

IRCA will be hosting the 2017 **IRCA/DecalcoMania/NRC** Convention held Thursday August 17-Saturday August 19 (checking out on Sunday) at the Best Western Airport Plaza hotel, 1981 Terminal Way, Reno NV 89502. For reservations use phone number 775-348-6371 and request International Radio Club of America rate of \$100 per night plus tax. Major credit cards accepted. (Attendees are encouraged to double up, share a room and save). Airlines serving Reno include Alaska, Allegiant, American, Delta, JetBlue, Southwest, United, and Volaris. Amtrak passenger train service is available as well. Registration fee (not including banquet) is \$25 payable to **Mike Sanburn**, PO Box 1256, Bellflower CA 90707-1256. Or, by PayPal (add \$1 to cover fee) mikesanburn@hotmail.com Include contact info and club affiliation(s) if any. Information on activities, banquet, and station tours will be announced shortly. Visitor's information can be found online at www.visitrenotahoe.com.



WESTERN DX ROUNDUP – Nancy Johnson – 2922 S Olivewood – Mesa AZ 85212-2923
E-mail: NancyJohnson@prodigy.net

WDXR DEADLINES: March 3, March 17, March 31, April 14, April 28, May 12, May 26, June 9, June 23, July 14 and Aug. 11. Please use Eastern Local Time.

REPORTERS FOR THIS ISSUE:

- (BB) **Bill Block**-Prescott Valley AZ billblock@cablone.net
R8, Wellbrook ALA1530LNP
- (JCJ) **John Johnson**-2922 S Olivewood, Mesa AZ 85212 John_Johnson@prodigy.net
Icom IC-R75, Wellbrook ALA1530LNP
- (JP) **Jon Pearkings**-Edmonton AB jon@pearkings.com
Sangean HDR-18

- 560 KMON **MT**, Great Falls 2/15 briefly over KLZ 0534 with "KMON Great Falls" between country music songs. New for me. (JCJ-AZ)
- 700 WLW **OH**, Cincinnati 2/15 faded up over others in KALL null, 0546 with contest promo, mention of "700 AM WLW" and website 700wlv.com. New for me, state #26 from Mesa. (JCJ-AZ)
- 800 KBRV **ID**, Soda Springs heard 2/17 at 0854 with "Keep listening to The Bear, we appreciate it." (BB-AZ)
- 920 KXLY **WA**, Spokane heard 2/13 at 0859 with "KXLY ?? 100.7." (BB-AZ)
- 1480 KYOS **CA**, Merced heard 2/12 at 1958 with "Good Time Oldies 1480 KYOS." (BB-AZ)
- KBMS **WA**, Vancouver 2/16 0100 male ID "KBMS 14-80 Vancouver-Portland" 8 seconds before the TOH with lots of dead air before and after, continuous Urban AC, all alone but mostly very weak with frequent slop from an unusually strong CJVB-1470 Vancouver. (JP-AB)
- 1500 KSJX **CA**, San Jose heard 2/12 at 2059 with "KSJX 1500 Vietnamese for the South Bay." (BB-AZ)
- 1580 KFCS **CO**, Colorado Springs heard 2/14 at 2005 with "KFCS 1580 Colorado Springs." (BB-AZ)

Our weekly issues are coming to an end so there will be no WDXR deadline next Friday! The next deadline March 3 is for the Anniversary Issue. – Nancy 2/17 1900



CENTRAL DX ROUNDUP – John C Johnson – 2922 S Olivewood – Mesa AZ 85212-2923
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CDXR reports ONLY: cdxr@ircaonline.org

RIDING GAIN

- [EB-MO] **Eric Bueneman**, Hazelwood MO NUIHEric@aol.com
GE Superadio III

DOWN THE DIAL

- 540 WKFN **TN**, Clarksville. 2/13 poor signal through WAUK, ACI from KTRS 550. 0400 noted with "WKFN Clarksville" legal ID. [EB-MO]
- WAUK **WI**, Jackson. 2/13 good signal over WKFN, ACI from KTRS 550. 0400 noted with "WAUK Jackson, ESPN Five-40" legal ID into ESPN Sports Center. [EB-MO]
- 570 WNAX **SD**, Yankton. 2/16 fair to poor signal, mixing with WWNC, Cuba. 0431 noted with call letters and local news. [EB-MO]
- KLIF **TX**, Dallas. 2/13 fair signal over WNAX, WWNC. 0405 noted with local spots, "Talk radio Five-70 KLIF" ID into C2C. [EB-MO]
- 790 WQXI **GA**, Atlanta. 2/13 good signal over WKRD; must be on 28 kW day power. 0546 noted with local spots in Korean into *K-Pop Top Ten* in English. Change from Sports. [EB-MO]
- 910 WAVL **PA**, Apollo. 2/16 poor signal mixing with KVIS, WALT; must be on day power. 0501 noted with call letters in promo. [EB-MO]
- 920 WMMN **WV**, Fairmont. 2/15 fair signal over KARN, KDHL; local WGNU off. 0520 noted with local spots, "Fox Sports Nine-20 WMMN" ID into sports talk from Fox Sports Radio. [EB-MO]
- CFRY **MB**, Portage la Prairie. 2/13 fair to poor signal, mixing with KDHL and other stations; local WGNU off. 0457 noted with weather forecast, "CFRY" jingle into Country format. [EB-MO]

- 1030 WBZ **MA**, Boston. 2/13 fair signal over KCTA, WQSE. 0500 noted with "News radio 10-30 WBZ Boston" legal ID into local headlines and coverage of the winter storm. [EB-MO]
- 1070 KNX **CA**, Los Angeles. 2/13 fair signal through WCSZ. 0354 noted with local traffic report mentioning West Hollywood, Coalinga and Anaheim. [EB-MO]
- 1200 WJUA **FL**, Pine Island Center. 2/11 fair to poor signal in WOAI null, ACI from KQQZ 1190. 0550 noted with local spots, "Juan" ID into Adult Contemporary format in Spanish. [EB-MO]
- 1230 WBHP **AL**, Huntsville. 2/13 poor signal, poking through other stations. 0432 noted with promo mentioning "weekday mornings on WBHP". [EB-MO]
- 1300 WCKI **SC**, Greer. 2/11 fair signal over WLXG; probably on day power. 0559 with local spot, "WCKI Greer, Greenville, Spartanburg" legal ID. [EB-MO]
- 1370 WRND **KY**, Fort Campbell. 2/13 fair to poor signal over KWRT, ACI from KXFN 1380. 0449 with Classic Hits format, "Rewind 94-point-Three" ID. [EB-MO]
- 1430 WDAL **GA**, Dalton. 2/15 good signal in KZQZ null; probably on day power. 0537 with "Bulldog Country 98-point-Three" ID into Country format. [EB-MO]
- 1450 WGNS **TN**, Murfreesboro. 2/11 fair signal through other stations. 0602 noted with "News radio WGNS" ID into local spot. [EB-MO]

FLASHBACK

February 19 1966 issue of "DX Monitor" ... Lots of talk about the Milwaukee convention in August ... **Howie Modell's** first DXWW column appeared. // February 16 1991 issue of "DX Monitor" ... **Gerry Thomas** of Pensacola FL told about local WPFA changing to WSWL ... **Gary Siegel** of Toledo OH said he's heard 3007 stations ... **Tim Hall** of Chula Vista CA detailed his cruise ship DX along the coast of Mexico.

OPEN MIKE

Thanks to Eric we have a column this week. This is the last weekly issue. The next CDXR is in the Anniversary issue. Deadline for the Anniversary issue is March 3rd. This column was typed 2-17-17. 73, John



EASTERN DX ROUNDUP – **Eric Bueneman (NØUIH)** – 631 Coachway Lane – Hazelwood MO 63042-1347
E-mail: n0uiheric@gmail.com
DEADLINES: Thursday 2000 EL

TUNING THE DIALS THIS ISSUE:

- (KK-VA) **Kraig Krist** (KG4LAC), Manassas VA
Winradio G33DDC software-defined receiver, Wellbrook ALA1530S+ Imperium loop
- (PS-ON) **Paul Snider**, Welland ON, Canada
ICOM IC-R75, Pixel RF Pro-1B loop, MFJ-1020C tuner

ACROSS THE DIAL

- 700 CJLI **AB**, Calgary – 2/12 2154 noted with Christian hymns, talk by a male announcer (possibly a show promo), mentions of Edmonton, Calgary and High River, "The Light" ID, gave postal mailing address, more Christian music including a Christian Rock selection, "CJLI Calgary, The Light" legal ID at 2204 into *Gospel Greats*. A very poor signal was noted; barely audible under WLW. (PS-ON)
- 810 WSYW **IN**, Indianapolis – 2/9 2245 noted with a Regional Mexican format, including a vocal selection by a female artist, "WSYW, La Pantera" ID at 2300 with the roar of a panther included. A fair at times to mostly poor to very poor signal under WGY and an unidentified Spanish language station; confirmed by Tune-In Web stream. (PS-ON) (This must have been left on overnight; listed as a 250-watt, daytime-only operation. The other Spanish station may be WMGC Murfreesboro TN; they've been forgetting to cut power various nights – eb)
- 850 KFUD **MO**, Clayton – 2/13 2115 noted with choral music on *Sacred Music*, "KFUD, KFUD-dot-org" ID at 2118, promo for *Moments of Assurance* "here on Worldwide KFUD", PSA for CHI. A fair at times to poor signal was noted over WKNR. (PS-ON) (This was left on overnight; sign-off is 1900 ELT in February, to coincide with sunset at KOA Denver – eb)
- 1050 KLOH **MN**, Pipestone – 2/12 2344 noted with Country format, "The weather always changes, but we're always hot; KLOH, Blazin' Country" ID at 2350. This was probably on day power. A fair at times to very poor signal was noted, mixing with CHUM and WEPN. (PS-ON)
- 1150 WLOC **KY**, Munfordville – 2/10 0646 noted with a "Real Country" mention by a male announcer and "WLOC" ID by a female announcer. The signal was noted mixing with CKOC, WBAG, WCRK, WGBR and an unidentified Fox Sports Radio station. (KK-VA)
- WBAG **NC**, Burlington/Graham – 2/10 0612 noted with "Your Hometown Radio Station, WBAG AM 1150 and FM 105.9" ID by a male announcer. The signal was noted mixing with CKOC, WCRK, WGBR, WLOC and an unidentified Fox Sports Radio station. (KK-VA)
- WGBR **NC**, Goldsboro – 2/10 0600 noted with "WGBR Goldsboro and 98.3 WGBR, a locally-owned and operated station" legal ID by a male announcer. The signal was noted mixing with CKOC, WBAG, WCRK, WLOC and an unidentified Fox Sports Radio station. (KK-VA)
- WCRK **TN**, Morristown – 2/10 0714 noted with "We are WCRK FM" ID by a male announcer. The signal was noted mixing with CKOC, WBAG, WGBR, WLOC and an unidentified Fox Sports Radio station. (KK-VA)
- 1160 WYDU **NC**, Red Springs – 2/10 0557 noted with "You are listening to 1160 WYDU, the Powerhouse, Red Springs, North Carolina" legal ID by a male announcer. The signal was noted mixing with WMET, WOBB, WODY, WYLL and unidentified stations with sports talk and Spanish language programming. (KK-VA) (Your unidentified sports talker is likely WPIE Trumansburg NY; your Spanish may be from Florida – eb)
- 1170 WWTR **NJ**, Bridgewater – 2/12 2318 noted with upbeat ethnic music, a clear "This is Eight-K Radio EBC" ID by an accented male announcer at 2319 into another music segment. A fair at times to very poor signal was noted over WWVA; WDEK was also in. Another naughty daytimer on after sunset, but coming in very well at times. (PS-ON)
- WDEK **SC**, Lexington – 2/10 0600 noted with "WDEK 1170 AM Lexington/Columbia" legal ID by a male announcer into R&B Oldies format. "You're listening to The Deck, Beach, Boogie, Blues and Music from Beyond" ID by a male announcer. The signal was noted mixing with WWVA and unidentified stations with a talk format and Spanish language programming. (KK-VA) (Your other talker may be KFAQ Tulsa OK – eb)
- 1180 WLTT **NC**, Carolina Beach – 2/10 0628 noted with Christian music, "1180 WLTT" ID by a male announcer. The signal was noted mixing with WHAM, WV LZ and Cuba; a new station in the logbook. (KK-VA)
- WV LZ **TN**, Knoxville – 2/10 0656 noted with a buzzer from a sporting event, followed by a "Home Run 1180 WV LZ Knoxville" legal ID by a male announcer. I believe he said "Home Run". (Or did he say "Homer"? – eb) The signal was noted mixing with WHAM, WLTT and Cuba; a new station in the logbook. (KK-VA)
- 1350 WLOU **KY**, Louisville – 2/13 2320 noted with an Urban Gospel format, "WLOU on FM" ID at 2320 into another segment of Urban Gospel music. A poor to very poor signal was noted, mixing with WARF, WPDR and an unidentified Urban Gospel station; either WGPL or WLLY. Confirmed via Tune-In Web stream. (PS-ON)
- WTAQ **WI**, Green Bay – 2/16 0020 noted with Coast-to-Coast AM, national ads, promo for Rush Limbaugh and a mention of WTAQ at 0023. A fair to very poor signal was noted, mixing with other stations. (PS-ON)

EDITOR'S NOTES

Thanks to Kraig and Paul for their logs this week. 73 and good DX from NØUIH



DX WORLDWIDE – WEST – **Temp: Phil Bytheway – 9705 Mary Ave NW – Seattle WA 98117-2334**
E-mail: phil_tekno@yahoo.com
all times UTC

Mondays 1201 PM PLT. All times UTC/GMT. We are looking for a new editor for this column, contact me if interested phil_tekno@yahoo.com.

TRANS-PACIFIC DX ROUNDUP

- 594 **JAPAN** JOAK, Tokyo, NHK1. Traces of audio, then time pips noted at 1000, 1100, and 1200 2/14. (NP-AB)
+Barely audible talk fading in and out at 1309-1314 2/16, signal traces to 1320 (LSR 1316). (RA-OK)
+Man in Japanese at 1358 2/18. (NP-AB)
- 693 **JAPAN** JOAB, Tokyo, NHK2. NHK pips, but little else, at 1200 2/14. Lesson at 1415. (NP-AB)
+Traces of woman in Japanese at 1158 2/18. (NP-AB)
- 747 **JAPAN** JOIB, Sapporo, NHK2. Poor man and woman talking at 1244 2/16. (RA-OK)
+Talk by woman, then musical bridge to time pips at 1200 2/18. (NP-AB)

- 774 **AUSTRALIA** 3LO, Melbourne. Was expecting more NHK pips here, but instead talk by a man, then ABC news fanfare at 1200 2/14. (NP-AB)
JAPAN JOUB, Akita, NHK2. Only an anemic signal was heard here this morning, fading in and out from 1134 until 1201 2/15. (RA-OK)
 +Barely audible-to-poor at 1220-1238 2/16. (RA-OK)
 +Woman in Japanese at 1158 2/18, //747. (NP-AB)
 +Heard with a barely audible signal at 1235-1242 2/19. (RA-OK)
- 828 **JAPAN** JOBB, Osaka, NHK2. Poor, with man and woman in Japanese, at 1407 2/14. (NP-AB)
 +Man in Japanese at 1358 2/18. (NP-AB)
- 972 **REP KOREA** HLCA, Dangjin. Weak carrier at 1230 2/16. (RA-OK)
- 1098 **MARSHAL ISLANDS** V7AB, Majuro. Island style vocal at 1047 2/14. (NP-AB)
 +Came up to fair level briefly at 1012 2/18 with woman talking. Noted again briefly with choral music at 1126. (NP-AB)
- 1116 **AUSTRALIA** 4BC, Brisbane. Poor, with news by a woman at 1202 2/14. (NP-AB)
 +Presumed 4BC with music prior to the hour, followed by time pips at 1400 2/18. (NP-AB)
- 1548 **AUSTRALIA** 4QD, Emerald. Fair through 1550 splatter with vocal from the 80's at 1441 2/14. (NP-AB)
- 1566 **REP KOREA** HLAZ, Jeju, FEBC. Poor audio briefly at 1316 2/14, barely audible traces afterward until about 1325 (LSR @ 1318). (RA-OK)
 +Fair to good with man in Chinese at 1435 2/14. (NP-AB)
 +A man and woman speaking at 1350 2/15, female speaking with interspersed music tones at 1352 followed by females singing, a choir perhaps. Gone by 1403. LSR at 1351. (CB-CO)
 +Chinese service was really "taking off" with the two phased "Frequent Flyer" (5 inch) FSL's at 1456 2/15
<https://app.box.com/s/xjmxlzhkwwznmbi59g6iewmksno5ewo>. (GDB-WA)
 +Traces of signal after 1248 2/16. (RA-OK)
 +Heard from 1308-1313 2/19 with music and a little talk. (BB-AZ)
- 1593 **UnID**. (CNR?) Trace of signal at 1253 2/16. (RA-OK)
- 1701.03 **UnID AUSTRALIA**. Koran recitations noted at 1430 2/14 for about 10 minutes. (NP-AB)

TRANS-ATLANTIC DX ROUNDUP

- 162 **FRANCE** Allouis, France Inter. Fair 0105 2/16. (RA-OK)
- 171 **MOROCCO** Nador, Medi 1 Radio. 0500 2/17 hearing with barely audible-to-poor signal. (RA-OK)
 +Now has a fair signal at 0545 2/17. (RA-OK)
- 189 **ICELAND** RUV, Gufuskalar. Hearing RÚV Rás 2 0400 2/17 with poor signal. (RA-OK)
- 252 **ALGERIA** Chaîne 3, Tipaza, Radio Algérienne. 0105 2/16 with fair signal. (RA-OK)

PAN AMERICAN DX ROUNDUP

- 700 **MÉXICO** XEGD, Hidalgo del Parral, Chih. 2/10 good in KALL null, no KHSE. 0531 with "XEGD" calls, mention of "La Poderosa" between songs. New for me. (JcJ-AZ)
- 1580t **MÉXICO** XEDM, Hermosillo, Son. 2/20 0557-0608 UnID but Spanish music and talk with no English ID in break at 23 seconds after 0600 seems to rule out US stations, and 0600 is the right time for La Hora Nacional to start; dominant on a very quiet frequency burying English talk. (JP-AB)

THANKS TO THESE REPORTERS

- CB-CO **CRAIG BARNES**, Wheat Ridge CO (via eGroup)
 Drake R8A indoor spiral 1m loop
- GDB-WA **GARY DeBOCK**, Puyallup WA (via eGroup)
 7.5" loopstick C.Crane Skywave + 15" FSL antenna, Stand-alone 3" FSL Tecsun PL-380
- JcJ-AZ **JOHN C JOHNSON**, Mesa AZ
 IC-R75, Wellbrook ALA1530LNP loop
- JP-AB **JON PEARKINS**, Edmonton AB jon@pearkins.com
 Sangean HDR-18
- NP-AB **NIGEL PIMBLETT**, Dunmore AB (via eGroup)
 Perseus SDR with a Wellbrook Phased Array
- RA-OK **RICHARD ALLEN**, near Perry OK (via eGroup)
 WR-G313e, ALA1530LNP-NA. C.Crane Skywave and Tecsun PL-380 with an 8-inch FSL antenna.



DX WORLDWIDE – EAST – Brandon Jordan – PO Box 338 – Rossville TN 38066
 E-mail: bdjorda@gmail.com all times UTC

Deadline – Sunday Midnight Central Time.

*** TRANS-ATLANTIC DX ***

- 720 **GREENLAND** KNR-Kalaallit Nunaata Radioa, Simiutaq. FEB 16 0240 – Greenlandic language by woman // online audio feed with a delay
<http://knr.gl/kl/knr-radio>. Good signal into Newfoundland currently. [Willie-NF]

CONTRIBUTOR

[Willie-NF] **Allen Willie**, VOPC1AA, Carbonear, Newfoundland, Canada
 ICOM R-75 w/ 183m random wire to SE @ 135°, Sony SRF-M37W Ultralight barefoot
 73, Brandon



2016-2017 IRCA DX CONTEST – Manager: Nancy Johnson – 2922 S Olivewood – Mesa AZ 85212
 E-mail: NancyJohnson@prodigy.net

February 15 2017 – Contest Standings

1. John C Johnson	263	4. Dennis Vroom	164	7. David Gordon	132
2. Nigel Pimblett	227	5. Greg Hall	149	8. Jon Pearkins	95
3. Tim Noonan	222	6. Nancy Johnson	144	9. Darrell Neft	88

The winner of the contest this season will receive a one year IRCA membership. If you have been considering entering now is the time to do so! Rules appear in issue #1. – Nancy

NRC Antenna Pattern Book, 7th Edition

The 7th Edition of the **NRC Antenna Pattern Book** is now available. This all new edition prepared by NRC'er Paul Swearingen is an all-inclusive book of patterns for both Day and Night operation of stations in the USA, Canada and selected foreign stations. The data for the book comes from the 34th Edition of the AM Radio Log and NRC'er John Callerman's comprehensive Mexican station listing.

The book comes shrink wrapped in 8½ by 11 three hole punch format for placement in your own three ring binder. There are 240 pages and the book has maps covering 530 through 1700 kHz depicting the lower USA, Canada and Mexico. Hawaii and Alaska are shown on separate maps at the end of the book.

Price: **IRCA/NRC Member USA** \$22.95, \$28.95 for non-members (add \$4.00 for Priority Mail delivery to US addresses only). To Canada \$39.25; airmail outside of US and Canada \$49.95. For those outside the US, use PayPal or a postal money order in US funds only.

37th Edition of the National Radio Club's AM Radio Log

The **NRC's AM Radio Log** is a source for information on AM Radio Stations in the United States and Canada. The 37th edition of the Log contains approximately 280 pages of data and cross references and 22 pages of instructions in 8-1/2" x 11" size, 3-hole punched, US loose leaf format. This publication fits nicely into a 1" three-ring binder. 8,500+ updates since last year's 35th Edition of the log! Additional reference lists include call letters of FM simulcasts with the AM Stations listing, listings of regional groups of stations in the groups section (separate section of the log book) and a cross reference of those stations that are licensed to use IBOC (In Band On Channel) digital audio and a comprehensive list of FM translators that are now simulcasting with AM broadcasters.

Price: **IRCA/NRC Member USA** – \$26.95 (Media Rate), **IRCA/NRC Member USA** – \$30.95 (Priority Mail), **Non-Member USA** – \$30.95 (Media Rate), **Non-Member USA** – \$36.95 (Priority Mail), **Canada (Member/Non-Member)** – US\$39.25, **Outside US/Canada (Member/Non)** – US\$49.95

FM Atlas 21st Edition (FMA) – CLOSE OUT PRICING!

Dr Bruce Elving's 21st Edition (Bruce's last edition – 2010). Contains listings by frequency and alphabetical listings by state, state by state location maps. Translators are listed by state. Entries include power, antenna height and format. To USA \$15.00 to Canada \$18.50.

Beverage and Longwire Antennas Design and Theory (BAM)

This manual is a compilation of numerous articles on the subject of design and theory of the beverage and longwire antennas that have appeared through the years in **DX News**. Some articles are available as reprints. This book gives details information on the theory of operation, construction and maintenance of a beverage antenna. Serves as an enhancement to Antenna Reference Manuals Volume 1 and 2. 8 1/2" X 11" booklet format.

BAM Contents:

The Coolum Beach Beverage 1983

A Non-Resonant Longwire Remote From Earth Ground

Beverage Basic Theory

Two-Wire Phased Antennas

The Florida Beverage

Analysis of the Beverage Antenna

The Care and Feeding of the Wave Antenna

Price: **IRCA/NRC Member USA** \$8.95, **Non-Member USA** \$12.95. Other countries write for quote sales@nrctxas.org.

Loop Antenna Design and Theory (LAM)

Revised and updated in 1996, this manual is a compilation of numerous articles on the subject of design and theory of the loop antenna that have appeared through the years in **DX News**. This book gives detailed information on the theory of operation, construction and maintenance of a loop antenna. Serves as an enhancement to Antenna Reference Manuals Volume 1 and 2. 8 1/2" X 11" bound book format.

LAM Contents:

Multi-Rod Ferrite Loop Antennas

Roll Your Own! (Loop)

Loop Antenna Theory and Practice

Long Wave Converter Detail

Loop Distortion Why get Skewed?

Pattern Controlled Loops

High Dynamic Range Balun Loop

BFE-C Loop Amplifier Card

The Hot Rod- Ferrite Loop Antenna

Loop Antenna Sensitivity

High Precision Direction Finding

High Performance Loop Amp

What's Wrong With Present Day Loop Antennas?

Price: **IRCA/NRC Member USA** \$9.95, **Non-Member USA** \$13.95. Other countries write for quote sales@nrctxas.org.

Antenna Reference Manual Volume 1 (ARM1)

8th Printing Digitally Enhanced and Updated for 2005! This book features the plans for the original NRC 4' FET Altazimuth loop antenna. Revised in the Spring of 2005 with digitally enhanced drawings and updated material sources! This manual also contains other articles on the subject of antennas for medium wave DXers, most were originally published between 1969 and 1974 in **DX News**. Includes articles on air-core and ferrite core loops, antenna tuners for longwire antennas and antenna couplers. This is the original book which has been available for over 20years. 8 1/2" X 11" bound book format.

ARM-1 Contents:

NRC FET Altazimuth Loop

Balanced FET Amplifier

Thoughts on FET Loop Construction

NRC Two Foot Loop

Tips on Loop Construction

One Transistor Loop amplifier

Balanced and Unbalanced Loops

Direct Coupled Loops

A 'Collapsible' Loop for Travel

BCB DXers Beverage

Antenna Tuning Devices for Longwires

'Bob Flick' Loop Antenna Coupler

The Hawk Loop

Alternative Methods of Air Core Loop Amplification

Price: **IRCA/NRC Member USA** \$8.95, **Non-Member USA** \$11.95. Other countries write for quote sales@nrctxas.org.

Order from NRC, PO Box 473251, Aurora CO 80047-3251 or www.nrctxas.org. Colorado residents, please add 3.5% sales tax. Please state club affiliation when ordering.

The **IRCA** is a non-profit organization devoted to the hobby of hearing distant stations on the Broadcast Band (510-1720 kHz). **DX Monitor**, the official publication of the IRCA, is published in "soft" form 35 times a year (weekly from November through March, twice monthly from April to November.) **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.



CLUB OFFICERS AND CONTACT INFORMATION

President: Phil Bytheway, 9705 Mary Ave NW, Seattle WA 98117-2334 **E-mail:** phil_tekno@yahoo.com (all proposals, suggestions and gripes go here)

Secretary-Treasurer: Lynn Hollerman, PO Box 60241, Lafayette LA 70596
e-mail: lynnhollerman@yahoo.com – (dues, address changes, IRCA mailing list sign-ups)

Board of Directors: Bill Block – billblock@cableone.net, Dennis Gibson – wb6tnb@yahoo.com, John C Johnson – John_Johnson@prodigy.net, Patrick Martin – mwdxer@webtv.net (Chairman), Bruce Portzer – bportzer@comcast.net, Mike Sanburn – mikesanburn@hotmail.com and Robert Wien – wienbob@aol.com

Publishing Committee: Temporary Editor-in-Chief: Phil Bytheway, 9705 Mary Ave NW, Seattle WA 98117-2334
E-mail: phil_tekno@yahoo.com (all material for publication goes here).

MEMBERSHIP DUES

Worldwide \$10

Make checks and Money Orders in US funds payable to IRCA.

All dues and address changes go to: **IRCA, PO Box 60241, Lafayette LA 70596**

Pay electronically with PayPal – add \$1 to the price above. Go to www.paypal.com, then send your dues to ircamember@ircaonline.org – contact Lynn Hollerman for more information.

Sample copies of **DX Monitor** are available at phil_tekno@yahoo.com

For information on **subscribing to the IRCA mailing list** at Hard-Core-DX, a group e-mail service, contact the moderator, Lynn Hollerman at lynnhollerman@yahoo.com.

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