



DX MONITOR

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International Radio Club of America

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IRCA welcomes **Michael Irizarry** in Barrington Hills IL. No CDXR this time. We are still looking for a new editor for **DXWorldWide-West, DX Test Coordinator** and backup **Editor-in-Chief**. "DX Monitor" deadline – every **Monday 6 PM PLT**.

IRCA Slogans List (January 2017)

This completely revised Slogans List includes radio slogans from the US and Canada (over 4500). The 2016 IRCA TIS/HAR LIST is posted on the IRCA website for all to download. The link is: <http://www.ircaonline.org/slogans.htm>

A hard copy can be ordered from the IRCA. Prices: IRCA/NRC members – \$7.25 (US), \$8.50 (Canada) \$10.00 (México), \$10.75 (rest of the world). Non-IRCA members – add \$1.00. To order from the IRCA, send the correct amount (in US funds payable to Phil Bytheway) to: IRCA, 9705 MARY NW, SEATTLE WA 98117-2334. Or, order through PayPal [add \$1.00] to email: phil_tekno@yahoo.com. Please state club affiliation when ordering.

2017 CONVENTION

The 2017 IRCA Convention will be in Reno NV on August 17-19 2017 hosted by **Mike Sanburn**. If you are interested in helping Mike, contact him at mikesanburn@hotmail.com.



CALL FOR NOMINATIONS – Nick Hall-Patch – 1538 Amphion St – Victoria BC Canada V8R 4Z6
E-mail: nhp@ieeee.org

Nominations for the IRCA 2017 Elections

IRCA members, it is time to think about who you would like to represent you as the next club **President, Secretary-Treasurer and Board of Directors**. Their terms will start on September 15th 2017 per the IRCA Constitution, Article III, Section 5, Part 2. Nominations will be open for President, Secretary-Treasurer, and seven members of the Board of Directors from December 15 2016 through January 31 2017. Only one nomination each for President, Secretary-Treasurer, and only seven nominations for the Board, shall be allowed each IRCA member. An eligible member may nominate his or herself. All nominations must be submitted in written (e-mail) form to the ECC by January 31 2017.

IRCA's Election Committee Chairman (ECC) is **Nick Hall-Patch**, who can be contacted via email at: nhp@ieeee.org

Nominations Are Open for the TVA and RHA for 2016-2017 Ted Vasilopoulos Award (TVA)

Ted Vasilopoulos was a charter member of IRCA who died in 1965, and was known for his high DX standards and contributions to the club. This award in his honor is presented to the IRCA member who has contributed the most to IRCA and the DX hobby during the past several years. The following persons have won the TVA in the last five years and are ineligible this year: **Gary DeBock, Eric Bueneman, Nick Hall-Patch, Lee Freshwater and Richard Evans**.

Ric Heald Award (RHA)

Ric Heald was an enthusiastic IRCA volunteer and contributor. In 1995, after his passing, the RHA was created to recognize the IRCA member who most benefited the club in a particularly noteworthy way during the previous year. The following persons have won the RHA in the last three years and are ineligible this year: **Ernest Wesolowski, Phil Bytheway and Mark Connelly**.

All nominations, including a brief statement supporting the nomination, should be sent to **Nick Hall-Patch**, at nhp@ieeee.org
All nominations must be received no later than January 31 2017.



CANADIAN RADIO NEWS – Dan Sys
E-mail: sysdan@gmail.com

Guest editor **Jon Pearkins**

NEW STATION GRANTED

580 AB Edmonton CHBA Commercial. 10,000 watts fulltime. Multilingual with 70% South Asian (Punjabi/Hindi/Urdu/Gujurati) programming. Extensive transmitter site upgrades are required even though the now silent CKUA-580 directional patterns will be used. Owner 1811258 Alberta Limited will move their evening and weekend paid programming from CKJR-1440 Wetaskiwin to CHBA.

AM TO FM CONVERSION GRANTED

880 MB Brandon CKLQ Move to 91.5 with 100,000 watts non-directional. 880 will remain on the air as a repeater covering a larger area with its 10,000 watts than the FM. After the normal three month simulcast period for AM to FM conversions, the AM license will be canceled and become part of the new license for CKLQ-FM.

NEW STATIONS DENIED

580	AB	Edmonton	n/a	Commercial. 10,000 watts fulltime. Multilingual. South Fraser Broadcasting.
	AB	Edmonton	CFKN	Commercial. 10,000 watts fulltime. Multilingual. VMS Media Group.
1650	AB	Edmonton	CINH	Commercial. 10,000 watts fulltime. Multilingual. Neeti P Ray.
1690	AB	Edmonton	CKZW	Commercial. 5,000 watts fulltime. Multilingual. Radio India, which operates KVRI-1600 Blaine WA by LMA.

DX IMPLICATIONS

580 – Limited time to catch any stations that CKUA Edmonton AB used to interfere with.
880 – "91.5" will become a major part of CKLQ-880 Brandon MB. As an AM repeater of the new CKLQ-FM, call letters may change to CKLQ-1 or CKLQ-2.
1440 – CKJR Wetaskiwin, AB may no longer be viable, making it an important DX target in case it goes silent.



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

WDXR DEADLINES: Each Friday. Please use Eastern Local Time.

REPORTER FOR THIS ISSUE:

(BB) **Bill Block**-Prescott Valley AZ billblock@cablone.net
R8, Wellbrook ALA1530LNP

- *****
- 680 KKYX **TX**, San Antonio heard 12/29 at 0837 with "Country Legends KKYX" way on top of KNBR. (BB-AZ)
 890 KJME **CO**, Fountain heard 12/30 at 1959 with "890 Yesterday KJME Fountain-Colorado Springs." (BB-AZ)
 950 KNFT **NM**, Bayard heard 12/31 at 1933 with weather report for Silver City and at 1934 "Oldies 950." (BB-AZ)
 1240 KSMA **CA**, Santa Maria heard 1/1 at 0858 with ads for Santa Maria and at 0906 "KSMA.com 1240 Santa Maria." (BB-AZ)
 1260 KRZE **NM**, Farmington heard 1/2 at 0902 with "KRZE" in English then back into Spanish. (BB-AZ)
 1310 KFKA **CO**, Greeley heard 1/3 at 0803 with "Newstalk 1310 KFKA" then weather report. (BB-AZ)
 KLIX **ID**, Twin Falls heard 1/3 at 0800 with "KLIX Twin Falls." (BB-AZ)
 1320 KAWC **AZ**, Yuma heard 1/2 at 0859 with "We are KAWC Yuma." (BB-AZ)
 1340 KACH **ID**, Preston heard 1/6 at 0914 with weather report and at 0916 "KACH." (BB-AZ)
 1480 KYOS **CA**, Merced heard 1/6 at 0843 with "KYOS." (BB-AZ)
 KHQN **UT**, Spanish Fork heard 1/5 at 0904 with "KHQN Spanish Fork, Utah" in English then into Hare Krishna programming. Had been silent but came back on last month. (BB-AZ)
 1580 KFCS **CO**, Colorado Springs heard 1/5 at 0849 with weather report and at 0851 "KFCS 1580 Colorado Springs." (BB-AZ)

Thanks to Bill we have a WDXR this week! – Nancy 1/6 1900



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 antenna tuner

ACROSS THE DIAL

- 790 WVCD **SC**, Bamberg/Denmark – 12/29 2225 noted with an Urban Contemporary format, PSA for the United Negro College Fund, possible mention of South Carolina, a clear "WVCD" ID heard twice at 2300, back into music, another clear "WVCD" ID by a female announcer heard clearly at 2308. A poor to very, very poor signal was noted, mixing with WAEB, WNIS and Radio Reloj. (PS-ON)
 870 WHCU **NY**, Ithaca – 12/30 0730 noted with "News/Talk WHCU, Ithaca's First Pick for News" ID by a male announcer. The signal was noted mixing with WTCCG, WWL, Radio Reloj and an unidentified talk station. (KK-VA)
 WTCG **NC**, Mount Holly – 12/30 0658 abruptly signed on the air with Christian programming. At 0700, this legal ID was read by a male announcer: "You're listening to WTCG Mount Holly; do you have questions or comments? Call us at 1-(800)-xxx-xxxx". The signal was noted mixing with WHCU, WWL, Radio Reloj and an unidentified talk station. (KK-VA)
 880 WRRZ **NC**, Clinton – 12/30 0600 noted with talk and vocal music in Spanish; "WRRZ 880 AM Clinton, North Carolina" spoken by a male announcer in heavily accented English; repeated in Spanish. The signal was noted mixing with WCBS, WRFD and an unidentified talk station. (KK-VA)
 WRFD **OH**, Columbus/Worthington -12/30 0715 noted with "This is AM 880 WRFD and 104.5 FM" ID by a male announcer. The signal was noted mixing with WCBS, WRRZ and an unidentified talk station. (KK-VA)
 1210 KGYN **OK**, Guymon – 12/30 2349 noted with a Country format featuring music from Alabama and Craig Morgan, "From... this is Today's Country, 1210 KGYN" ID at 2356. A poor to very, very poor signal was noted, mostly under WPHT. (PS-ON)

EDITOR'S NOTES

Thanks to Kraig and Paul for their reports 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.

- 702 **AUSTRALIA** 2BL, Sydney. From WSW direction at 1313 1/3, with moderate QRM from XEETCH and XEGD. (RA-OK)
 +A weak carrier from DU was heard on 702 (2BL?) at 1337-1339 1/8. (RA-OK)
 1116 **AUSTRALIA** 4BC, Brisbane. Regular talk programming noted at 1447 1/8. Also heard bits of talk and time pips on recordings at 1200 and 1300. (NP-AB)
 1548 **AUSTRALIA** 4QD, Emerald. Came up to audio just in time for ABC news fanfare at 1400 1/8, and into news read by a man. (NP-AB)
 1566 **REP KOREA** HLAZ, Jeju, FEBC. There were occasional traces of a signal on from 1251 1/5 until just after sunrise (1342). (RA-OK)
 +A carrier followed by a couple of minutes of threshold audio at 1333 1/5, just enough to discern a woman talking. Back to a rapidly diminishing carrier at 1335. (CB-CO)

QSL

- 1548 **AUSTRALIA** 4QD, Emerald. ABC Capricornia kinda sorta confirmed my 1832 12/26 reception of 4QD. <https://youtu.be/efmuWuanH3s>. I sent an email via the web form on their website with the clip, asking that if it was them, could they send me a sticker; well, a sticker arrived with a brief 2 line note from a staff on 1/5. (PW-AK)

ODDS AND ENDS (via IRCA eGroup)

1/5. After a long 14 months of work, I'm happy to present the completed Seoul AM Radio Listening Guide, a three-hour documentary broadcast exploring the Seoul AM band one frequency at a time, plus a look at the radio war on the Korean peninsula accompanied by a 115-page guide. <http://www.beaglebass.com/dx/seoul/>

In addition to radio broadcasts from across East Asia, the broadcast includes Korean noise jammers and AM, FM, shortwave, and television propaganda broadcasts from both the north and the south, additionally outlined in a 25-page broadcast transcript and 115-page informational guide. It also includes:

- * A comprehensive list of 260 East Asian AM stations, including station names, tower locations, distance and direction from Seoul, parallel FM frequencies, broadcast hours, and station website links.
- * A full bandscan of 235 regular nightly skywave signals as heard after the sun sets over Seoul.
- * Daytime groundwave bandscans taken from eleven different locations in the Seoul metro area, along the North Korean border, beside the sea, and in Korea's mountainous interior with background information about each location.
- * A guide showing stations organized by their network affiliations in addition to privately-owned stations and networks. Alternatively, stations are also shown organized by country, region, and city.
- * A chart showing signal strength for each bandscan - day and night - in bar graph format.
- * A full colour-coded regional station map covering both skywave and groundwave signals.
- * A view of some of Korea's signal jammers as seen on an SDR (software-defined radio).
- * Plus, a complete transcript of the three-hour audio broadcast with additional information on the featured audio clips as well as the songs featured in those clips. **Chris Kadlec**

1/6. (via **Nick Hall-Patch**)

There's no point in chasing 738 any longer I'm afraid. Via Mike Terry, via Andy Robins, via Bill Whitacre: <http://www.radionz.co.nz/international/pacific-news/321809/loss-of-am-radio-irks-french-polynesia> has the following:

RNZ 5 January 2017

French Polynesia's public radio broadcaster says people in remote locations have complained about the end of transmissions on its AM frequency. Radio Polynesie Premiere switched to an all FM service at the beginning of December, leaving pockets of inhabitants in valleys and on remote atolls without any local radio service.

The broadcaster added five FM transmitters to its network of 48 to improve its reach but in an area the size of Europe, the signal fails to reach all communities. Concern has been expressed that vital weather warnings are no longer heard.

The mayor of Makatea in the Tuamotus Julien Mai said there is a risk to public safety because people have always been advised to have an emergency kit that includes a radio when severe weather strikes.

Mariners can still receive weather updates via radio.

THANKS TO THESE REPORTERS

- CB-CO **CRAIG BARNES**, Wheat Ridge CO (via eGroup)
Drake R8A indoor spiral 1m loop
- NP-AB **NIGEL PIMBLETT**, Dunmore AB (via eGroup)
Perseus SDR with a Wellbrook Phased Array
- PW-AK **PAUL WALKER**, Galena AK (via eGroup)
Grundig Satellit 750, Lowe HF225, 2 225 foot long wires, Wellbrook ALA 1530 LNP, DXEngineering HF PreAmp
- 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-PACIFIC DX ***

1566 **SOUTH KOREA** HLAZ, FEBC, Jeju Island. DEC 19 1339 – carrier looping NW on the DX-398 with internal antenna only, and at last I can pull some audio: talk, maybe Korean? and piano music. Could also get the carrier at 1343 but no audio on the R-75 with E-W longwire. At 1345 weaker, no audio audible. It's HLAZ, 250 kW. WRTH 2016 shows 1345 is the time it transitions from Japanese to Chinese, no doubt also antenna change correlating with signal drop here, although it's already just after sunrise. Aoki also shows those times but no azimuth info. A few minutes earlier, I had sought TP carriers on lowband, 774 etc, but none audible. Then checked NK MW/low SW frequencies and found 2850 to be S7 at 1347, 3250 also audible, but nothing unusual. +DEC 20 1339 – I'm chasing again HLAZ, and there it is looping NW, 1342 music, and I am listening with offset BFO for a carrier break, which happens for a few seconds at 1344:34 as the beam is being changed from Japan to China. Distance from the 250 kW station is 10995 km or 6832 statute miles. [Hauser-OK]

*** PAN-AMERICAN DX ***

- 530 **CUBA** Radio Rebelde. DEC 27 0320 – surprised to hear Spanish talk about beisbol, Radio Rebelde //1180 and a bit of an echo against //5025. Atop music from presumed Radio Enciclopedia, which is normally dominant, listed 10 kW from nearest Villa Maria, Ciudad de la Habana. WRTH 2017 shows two Rebelde on 530: unknown power in Caribe, Isla de Juventud, and 1 kW in far Guantánamo. +DEC 31 0300 – Radio Rebelde IS of some notes from Cuban NA and then some electronic tones; presumably from the Isla de Juventud (ex-Pinos) transmitter, above Enciclopedia but not as dominant as last time, and also mixing with "K530AM" Vance AFB. [Hauser-OK]
- CUBA** Radio Enciclopedia. DEC 28 0153 – soft piano version of "Yesterday", so Radio Enciclopedia regains dominance, no sign of Radio Rebelde on 530 as heard 22.5 hours ago. Original format was presenting bits of spoken knowledge as the name implies, but strangely kept the name with flip to EZL music. Do they have any informational shows or segments when we don't hear them? [Hauser-OK]
- 650 **MÉXICO** XETNT, Los Mochis, Sin. DEC 31 0304 – Spanish atop WSM which is easily nulled. Whenever this happen, I hope it's something other than XETNT, but soon promoting the Noticiero Altavoz from Radio 65 en Sinaloa. [Hauser-OK]
- 730 **MÉXICO** XEHB, Hidalgo del Parral, Chih. DEC 24 0151 – three canned "[E]stereo Fiesta, 107.1 FM, 700-30 AM" IDs by super-hype voice actor within two minutes, as XEHB is now known, outdating WRTH 2017 already on this which still shows "Ke Buena"; and IRCA Mexican Log 2015 with that plus "Viva Villa". [Hauser-OK]
- 770 **MÉXICO** XEACH, Monterrey, NL. DEC 24 0257 – explaining what a Villancico is, 0259 ID as "Radio Fórmula de Monterrey", ie XEACH, 25/1 kW. Dominant on my N/S antenna, while KKOBB is on the E/W. [Hauser-OK]

CONTRIBUTOR

[Hauser-OK] **Glenn Hauser**, Enid OK, USA
DX-398 with internal antenna only or PL-880; NRD-545 with ALA-330S inside E-W or inside random wire N-S; ICR-75 with E-W longwire; FRG-7 with NW-SE short wire

73, Brandon

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.

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
Beverage Basic Theory
The Florida Beverage
The Care and Feeding of the Wave Antenna

A Non-Resonant Longwire Remote From Earth Ground
Two-Wire Phased Antennas
Analysis of the Beverage 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
Loop Antenna Theory and Practice
Loop Distortion Why get Skewed?
High Dynamic Range Balun Loop

The Hot Rod- Ferrite Loop Antenna
High Precision Direction Finding
What's Wrong With Present Day Loop Antennas?
Roll Your Own! (Loop)

Long Wave Converter Detail
Pattern Controlled Loops
BFE-C Loop Amplifier Card

Loop Antenna Sensitivity
High Performance Loop Amp

Price: **IRCA/NRC Member USA** \$9.95, Non-Member USA \$13.95. Other countries write for quote sales@nrcdxas.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
Thoughts on FET Loop Construction
Tips on Loop Construction
Balanced and Unbalanced Loops
A 'Collapsible' Loop for Travel
Antenna Tuning Devices for Longwires
The Hawk Loop

Balanced FET Amplifier
NRC Two Foot Loop
One Transistor Loop amplifier
Direct Coupled Loops
BCB DXers Beverage
'Bob Flick' Loop Antenna Coupler
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@nrcdxas.org.

Antenna Reference Manual Volume 2 (ARM2)

5th Printing Updated and Digitally Enhanced For 2005! This manual has also has had digitally enhanced drawings and updated material sources added in the Spring of 2005. This manual is a compilation of numerous articles on the subject of antennas for medium wave DXers. Originally published between 1974 and 1981 in **DX News**. Some articles were formerly available as reprints. Includes articles on air-core and ferrite core loops, antenna tuners for longwire and Beverage antennas and phasing units for use with Beverage antennas and longwires. 8 1/2" X 11" bound book format.

ARM2 Contents:

A Good Loop is Easy and Cheap to Make
The "Harley Loop"
Whip Antenna Coupler for Portable Receivers
The Wedge Loop
AC Power Supply for FET Loop Amplifiers
Antenna Phasing
FET Loop Amplifier with Coaxial Output

Practical Phased Beverages
Phasing Unit Construction and Use
More on Phased Beverages
Phasing Unit Design Modifications
More Thoughts on Beverages
Floor Stand and Mounting Arrangements for Loops

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

Antenna Reference Manual Volume 3 (ARM3)

This manual is a compilation of numerous articles on the subjects of antennas, phasing, impedance matching and RF amplification for medium wave DXers. Some of the articles have been published in **DX News** between 1999 and 2004. Some articles were formerly available as reprints. 8 1/2" X 11" bound book format.

ARM3 Contents:

All Articles by Mark Connelly WA1ION unless noted
BBL-1 Broadband Loop Antenna (Parts a & b)
Pennant Antenna with Remote Termination Control
Flag Antenna Construction and Test Results
Three Loop Antenna Array with Electrically-Rotatable Nulling
Phased Spaced Active Whips and Broadband Loops
Medium Frequency Amplifier Circuits Compared
TMB-1 Tri-Mode Buffer Amplifier Box

DXP-3 DXpedition Phasing Unit
Superphaser-2 Phasing Unit
FCA-1 Feedline Coupling Adaptor
New Termination Control Method for Flag, Pennant, and similar Antennas
Fabricating Impedance Transformers for Receiving Antennas (John Bryant)
Broadband Receiving Antenna Matching
Passive Broadband Phasing

Price: **IRCA/NRC Member USA** \$11.95, Non-Member USA \$16.95. Other countries write for quote sales@nrcdxas.org.

Order from NRC, PO Box 473251, Aurora CO 80047-3251 or www.nrcdxas.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)

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e-mail: lynnhollerman@yahoo.com – (dues, address changes, IRCA mailing list sign-ups)

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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

Destination	Rate
USA	\$10
Canada and Mexico	\$10
Western Europe	\$10
Australia/NZ/Japan	\$10
Rest of world	\$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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