



DX MONITOR

The official publication of the
International Radio Club of America

January 18 2020 – Volume 57 Number 20 – Edition 1832 – ISSN 899-9733

This week, IRCA welcomes: **Kanwarjit Sandha** in Abbotsford BC Canada and **David Nudleman** in Fort Worth TX. DX and report often!! Seattle deadline for our next issue (V57_N21) is **Monday 01/20/20** 1600 PLT – pb

2020 Convention

The 2020 **IRCA/DecalcoMania** Convention will be held at the Four Points by Sheraton, 1221 S Harbor Blvd, Anaheim CA 92805. (North of Disneyland) September 10-12 2020. Phone number for reservations is 714-758-0900 (mention convention). Guest room rate is \$115 per night plus tax and includes all you can eat breakfast. Parking is \$10 per day. Registration fee (not including banquet) is \$25 payable to Mike Sanburn PO Box 1256, Bellflower CA 90707-1256. Activities will include station visits, IRCA business meeting and auction, and nightly fireworks show. Hotel amenities include free Wifi, 24 hour business center and 24 hour pool. Local eateries within walking distance are Starbucks Coffee, Taco Bell, and Shakeys Pizza. Cutoff date for room reservations will be August 20th. More details will appear soon. For information contact mikesanburn@hotmail.com. Website for Anaheim visitor's information: www.visitanaheim.org. Here is the link for making reservation at Four Points <https://www.marriott.com/event-reservations/reservation-link.mi?id=1576099122178&key=GRP&app=resvlink>

In This Issue:

2020 Convention...	1
IRCA Elections...	1
Broadcasting Information...	1
Western DX Roundup...	2
Central DX Roundup...	4
Eastern DX Roundup...	4
DX WorldWide/Tropical...	5
DXpeditions...	6
DX Forum...	8
SportChannels IRCA...	9



IRCA ELECTIONS – Nick Hall-Patch – 1538 Amphion St – Victoria BC Canada V8R 4Z6
Email: nhp@ieee.org

Nominations are Open for the TVA and RHA for 2019-2020

Ted Vasilopoulous Award (TVA)

Ted Vasilopoulous 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: **Mark Durenberger, Nancy Johnson, Phil Bytheway, John C Johnson, Gary DeBock and Eric Bueneman.**

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: **Kenneth Hawkins, John C Johnson, Brandon Jordan and Mark Durenberger.**

All nominations, should be sent to the ECC, Nick Hall-Patch at nhp@ieee.org

Please note that nominations need to include a brief statement supporting the nomination. Please also note that the Ric Heald Award is to recognize an IRCA member who most benefited the club in a particularly noteworthy way during the previous year, while the Ted Vasilopoulous Award recognizes a longer term contribution by someone who might also have benefited the larger DX hobby.

All nominations must be received no later than March 1 2020.



BROADCASTING INFORMATION – Robert J Wien – 14051 Belle Chasse Blvd #415 – Laurel MD 20707
E-mail: wienbob@aol.com Phone: 301-477-3733 Column Deadlines: Saturdays

NOTE: FUTURE ADDRESS EFFECTIVE 1/31/20: 8912 OSO CORRIDOR PLACE NW, ALBUQUERQUE NM 87114, PHONE: TBD. ABOVE ADDRESS NO LONGER VALID AS OF 1/26/20, PHONE TO BE TURNED OFF 1/24/20. THANK YOU.

DATE OF COLUMN: January 11 2020 **Column data span:** December 28 2019-January 11 2020, Data courtesy of Stationintel.com, FCC database and member contributions.

CALL CHANGES

FREQ	OLD CALL	CITY OF LICENSE	NEW CALLS
620	WGCV	Cayce, SC	WFMV
1000	WRQR	Paris, TN	WHNY

FORMAT, SLOGAN AND SILENT STATUS CHANGES

FREQ	CALL	CITY OF LICENSE
540	KDFT	Ferris, TX
730	KWRE	Warrenton, MO
740	WIRJ	Humboldt, TN
770	KKOB	Albuquerque, NM
790	WLBE	Leesburg-Eustis, FL
840	WHAS	Louisville, KY
860	WACB	Taylorsville, NC
900	WDLS	Wisconsin Dells, WI
920	WKVA	Lewistown, PA
940	KVSH	Valentine, NE
960	WSVU	North Palm Beach, FL
	KSRA	Salmon, ID
970	WATH	Athens, OH
1000	KOMO	Seattle, WA
1120	WBBF	Buffalo, NY
1130	KBMR	Bismarck, ND
1150	KNED	McAlester, OK

NEW INFORMATION

old slogan: "La Poderosa", new: "La Nueva Poderosa"
 was traditional country, now classic country
 was traditional country, now classic country
 old slogan: "770 KKOB", new: "96.3 News Radio KKOB"
 was silent, back on with new unknown format
 old slogan: "NewsRadio 84", new: "NewsRadio 840"
 changes secondary format from traditional country to classic country
 was traditional country, now classic country
 was classic hits, now soft adult contemporary
 changes primary format from adult contemporary and country to adult contemporary, adds country as secondary format
 was unknown format, now classic rock, old slogan: "Rudolph's Radio", new: "The Surf"
 changes primary format from adult contemporary and country to adult contemporary, adds country as secondary format
 old slogan: "Classic Hits 970", new: "Classic Hits 970 AM And 97.1 FM"
 old slogan: "KOMO 1000 News", new: "KOMO News"
 was silent, now classic hits, adds slogan: "Classic Hits 104.1"
 was traditional country, now country
 was traditional country, now classic country

1190	WWIO KVSU	St Marys, GA Beloit, KS	now silent changes primary format from adult contemporary and country to adult contemporary, adds country as secondary format
	KKOJ	Jackson, MN	was classic hits, now country, adds slogan: "True Country"
	WIXE	Monroe, NC	was traditional country, now country, old slogan: "The Mighty 1190", new: "The Mighty 93.1 and 1190"
1200	WJXY	Atlantic Beach, SC	old slogan: "Rejoice 1200", new: "Rejoice 103.5 FM/AM 1200"
1230	WFAY	Fayetteville, NC	old slogan: "All American Country", new: "Carolina Country 100.1 WFAY"
1240	WKDK	Newberry, SC	was adult contemporary and country, now adult contemporary
	KRAL	Rawlins, WY	was silent, back on with new unknown format
1310	WOCV	Oneida, TN	changes primary format from adult contemporary and country to adult contemporary, adds country as secondary format
1340	WIFN WBGU	Atlanta, GA Bowling Green, KY	old slogan: "1340-103.7 The Fan 3", new: "The Sports X 1340 AM and 103.7 FM" was unknown format, now oldies, old slogan: "Rudolph Radio", new: "Good Times, Great Oldies", (note: was also listed with Willie Network classic country-ye ed)
	WGRV	Greeneville, TN	was traditional country, now country
1350	KUSG	Agana, GU	was silent, now talk, adds slogan: "The Point"
	KRLC	Lewiston, ID	was traditional country, now classic country
1360	KRWC KRKK	Buffalo, MN Rock Springs, WY	changes secondary format from adult contemporary and country to adult contemporary adds Westwood One Adult Standards as primary format, news as secondary format
1370	WGOH	Grayson, KY	was traditional country, now classic country
1380	KQKD	Redfield, SD	was variety, now country, adds slogan: "Pure Country 107.1/99.9"
1400	KVOE	Emporia, KS	old slogan: "Live And Local", new: "AM 1400 Live And Local"
	WGTV	Georgetown, SC	was country, now talk, old slogan: "Coast Country 107.5", new: "Funny 107.5"
1410	KLFD	Litchfield, MN	was adult contemporary and country as primary format, now adds country only as secondary format
	KQV	Pittsburgh, PA	was silent, now easy listening, adds slogan: "Easy 88.1 KGO"
1450	WCON	Cornelia, GA	adds slogan: "107.7 The Breeze"
1460	KBZO WBOG	Lubbock, TX Tomah, WI	was ranchera, now Spanish sports, old slogan: "Jose", new: "TUDN Deportes" was classic hits, now Westwood One Mainstream Country, old slogan: "Kool Gold 1460 WBOG", new: "WBOG 101.3 FM/1460 AM"
1470	WMGG	Egypt Lake, FL	was regional Mexican, now Spanish religion, old slogan: "96.1 Caliente", new: "Delos La Tapatia"
	WLMC	Georgetown, SC	adds slogan: "Oldies 101.1"
1540	WKDG	Sumiton, AL	was silent, now urban gospel
1550	WUSP	Utica, NY	was classic hip hop, now R&B oldies
	KBRN	Boerne, TX	was regional Mexican, now classic hits
1560	KKAA	Aberdeen, SD	was silent, now country, adds slogan: "Pure Country 107.1/99.9"
1570	KCVR	Lodi, CA	was ranchera, now Spanish sports, adds slogan: "TUDN Deportes"
	WTRB	Ripley, TN	old slogan: "Real Country Variety", new: "Tiger Radio, Real Country"
1650	KSVE	El Paso, TX	was regional Mexican, now Spanish sports, old slogan: "Radio La Suavecita", new: "TUDN Deportes"

MEMBER CONTRIBUTIONS

Mike Sanburn of Bellflower CA sends along the following from **Kraig Krist** of Manassas VA via the IRCA IO Group dated 12/30/19:

Who on AM 1680 is carrying the Soviet propaganda Radio Sputnik? Don't believe it's WOKB as they ID as "Urban empowerment and inspiration station WOKB" with, sounds to me, Gospel type singing. Don't believe it's WTTM as they ID as Lindenwold/Philadelphia in English and have Spanish programming. Maybe WPRR, but checking <http://www.publicrealityradio.org/> I don't see Radio Sputnik. Hearing the Radio Sputnik Soviet propaganda as I listen to an SDR capture from December 20 2019 0555-0735 ET. Never did hear an ID other than 1390 and 105.5. 1390 is, of course, WZHF Capitol Heights MD and 105.5 is W288BS.

Jon Pearkings of Edmonton AB sends along the following dated 1/2/2020 re WCCO-830 Minneapolis MN:

WCCO will no longer air CBS News on the hour. They had already been chopping it off at the three minute mark. WCCO remains a CBS affiliate. ref. – <http://www.northpine.com/blog/2020/01/02/wcco-drops-cbs-newscasts/>

Mike Sanburn sends along the following from **Paul Walker Jr** of Laramie WY via IRCA IO Groups dated 1/9/20:

KQKD 1380/K260DG 99.9 Redfield SD has dropped oldies/classic hits and is now doing classic country in simulcast with KKAA 1560/K296FW 107.1 Aberdeen SD. They're IDing as "Pure Country". KKAA had been silent and is back on but not at full power or pattern. If you happen to log KKAA or KQKD between 11pm and 5am central 7 days a week, you'll hear me, the overnight jock.

Mike Sanburn sends along the following from **Dennis Gibson** of Salinas CA dated 1/9/20:

https://radioinsight.com/headlines/183125/half-of-chicago-am-time-share-to-sign-off/?utm_source=newsletter&utm_medium=email&utm_campaign=radioinsight_daily_2020_01_09&utm_term=2020-01-10

Half Of Chicago AM Time-Share To Sign-Off, By Lance Venta On January 9 2020

Migala Communications will sign-off Brokered Ethnic 1450 WCEV Cicero IL on January 20. For its entire forty year history, WCEV has operated in a time-share with Midway Broadcasting's 1450 WRLL Chicago. The two stations were born after Globetrotter Broadcasting surrendered the license for 1450 WVON in 1975 after purchasing 1390/107.5 from McClendon Broadcasting. WCEV currently operates from 1-10 pm Monday through Friday, 1-8:30 pm Saturday and 5 am-10 pm on Sundays with Spanish "The Real" WRLL operating all other hours. WCEV has not indicated whether it will just be going silent or surrendering its license to allow WRLL to move to full-time operation.

Well, only 11 days till our movers come to start packing our stuff for Albuquerque, looking forward to moving to New Mexico. Please note the new address on the top of the column effective 1/31/20. It will definitely be a change of pace from Maryland, and I start my new job at Kirtland AFB Monday 2/3/20. Hope everything goes smoothly, we leave for Albuquerque Sunday 1/26 with stops in Knoxville TN, Little Rock AR and Amarillo TX 3 nights and 4th day get to Albuquerque, home closing is 1/30/20. DX should be quite interesting down there, I lived in Las Cruces NM 2008-2009 so shouldn't be radically different from what was there. Ground conductivity definitely better than Maryland! Was out here 7 years and enjoyed it but time to get back to my roots in the western USA where I spent most of my life. Wish me luck! 73's. Bob Wien



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

WDXR DEADLINES: Thursdays Jan. 16, Jan. 23, Jan 30, Feb. 6, Feb. 13, Feb. 27, March 12, March 26 and April 9. Please use Eastern Local Time.

REPORTERS FOR THIS ISSUE:

- (RB) **Rick Barton**-9444 W. Newport-Sun City AZ 85351 desertmoon_dxshack@inbox.com
RF-2200, County Comm GP-5 (1st Generation) UL, SW-2000629 and Terk loop
- (MF) **Martin Foltz**-Mission Viejo CA martinfoltz@cox.net
HQ-180A, loop
- (GH) **Glen Hansen**-64985 Olson Road-Deer Island OR 97054 gbhansen2@outlook.com
JRC NRD 545, Hammarlund HQ 180A, R-390A, various longwires, Kiwa loop
- (JP) **Jon Pearkings**-Edmonton AB jon@pearkings.com
Sangean PR-D15 on batteries with internal 200 mm ferrite bar

(NP) **Nigel Pimblett**-331 5th Street-Dunmore AB T1B 0J9 **nige2730@telus.net**
 Perseus SDR, Wellbrook Phased Array

(MS) **Mike Sanburn**-PO Box 1256-Bellflower CA 90707-1256 **mikesanburn@hotmail.com**
 Sangean DT 160

(PW) **Paul Walker**-Laramie WY **walkerbroadcasting@gmail.com**
 Icom IC746Pro, 25 foot long by 10 foot tall magnetic loop antenna

570 KVI **WA**, Seattle 1/6 0925 fair signal, heard with local ads (424) area code and local hosts. Getting slammed by KLZ HD hash, but KVI actually fairly listenable. (PW-WY)

580 KMJ **CA**, Fresno 1/6 0906 good with weather for Fresno and Oakhurst. (MS-CA)

600 KGEZ **MT**, Kalispell 12/24 1630 Christmas music, man gave ID and ad for local dental clinic, "Another commercial free hour," on HQ-180 with E-W wire. Weak! (GH-OR)

630 CFCO **ON**, Chatham 1/5 0208 with "Mean" by Taylor Swift, poor to fair mixing with CHED and KHOW. RARE logging. (PW-WY)

650 WSM **TN**, Nashville 12/17 2142 fair signal, heard with classic country music, liner for Eddie Stubbs then station ID at TOH. Mixing with local KGAB but easily understandable. New! (PW-WA)

670 KALL **UT**, North Salt Lake City 1/4 1900 heard on County Comm GP-5/SSB UL. Still daylight here, blazing in with post game program (Utah college hoops). (RB-AZ)

690 CBU **BC**, Vancouver 1/6 0842 far too good, with mentions of CBC Radio One then some local traffic/weather and frequency mentions. (PW-WA)

820 KUTR **UT**, Taylorsville 1/4 1859 tuned in to ads, ToH ID mentions AM and K237FG repeater, short news cast, then into Janet Mefferd show, religious format. New. (MF-CA)

840 KMPH **CA**, Modesto 1/1 1030 post sunrise signal with KXNT. Long string of ads and Relevant Radio ID. (MS-CA)

920 CFRY **MB**, Portage La Prairie 1/5 1832 with end of program from local Salvation Army, a "C-FRY" jingle. Poor to fair, heard 17 minutes later wait a fade up of country music. (PW-WY)

930 KAFF **AZ**, Flagstaff 12/28 1245 120+ miles, 5kw. Juice Newton to "KAFF Country 93-5 and 9-30 AM." Nice daytime mid-morning DX, SW-2000629 and Terk loop. (RB-AZ)

960 KIXW **CA**, Apple Valley 1/1 1832 spot for seminar in Victorville, then KIXW equal opportunity employer policy, slogan "The High Desert's Right Choice for Talk." (MS-CA)

1000 KCEO **CA**, Vista 12/17 0748 poor signal, mentions of Relevant Radio, phone number and welcomes guest. 0759 with time check, network mention and station ID. (PW-WY)

1020 KWIQ **WA**, Moses Lake North 1/3 0129:55 ID "ESPN Radio 900 and ESPN Radio 1020" dominant on HDR-16, PR-D15 had nothing on 1020 but audio from CjCA-930 due to mixing product with CFCW-840; 1020=930-840+930. (JP-AB)

1030 WBZ **MA**, Boston 12/15 1829 poor to fair, mixing with KTWO. Local talk show with in-studio guests, then into local news. (PW-WY)

1090 KAAAY **AR**, Little Rock 1/8 0057 ID "10-90 KAAAY" all alone to the SSW on a rare night when Seattle's KFNQ-1090, KIRO-710 and KOMO-1000 are nullable and occasionally fade out. (JP-AB)

XEPRS **BCN**, Tijuana 12/28 2224 fair to good signal with live dance club broadcast from McAllen, TX club with live shout out to me by the DJ on site. (PW-WY)

1140 CHR8 **AB**, High River 1/3 0706 "AM 11-40, CHR8," long string of country hits. Overpowering the whole channel, including usually dominant KXST. By 0730 KXST had retaken the channel again. (RB-AZ)

1200 KYAA **CA**, Soquel 12/25 1600 Christmas music with occasional voice breaks. Man said "KYAA Soquel, Monterey." Fair but noisy on JRC with E-W wire. (GH-OR)

1210 KHAT **WY**, Laramie 1/3 0930 strong but fadey signal just ahead of sunrise. (MS-CA)

1230 KWSN **SD**, Sioux Falls 1/7 0059 ID by a man "Sioux Falls Sports Radio FM 98.1 K251BH and KWSN AM 1230 Sioux Falls," then promo for Fox Sports Radio. (NP-AB)

1260 KSUR **CA**, Beverly Hills 12/31 1918 old Leo Sayer hit to woman "LA's great oldies station K-Surf" over a religious lecture (probably KSFB), then old Beatles tune. (RB-AZ)

KROX **MN**, Crookston 1/9 1859 oldies song, then ID as "...on the air at 1260 AM, online at kroxam.com. The Voice of the Valley, KROX Radio in Crookston, Minnesota." (NP-AB)

KTRC **NM**, Santa Fe 1/3 1945 with a string of local ad spots, revealed just after KBSZ "The Rattler" switched to nighttime power and pattern. (RB-AZ)

1290 KOUU **ID**, Pocatello 12/31 1630 C&W music in and out of the noise. Fair to poor but alone on frequency using JRC and E-W wire. (GH-OR)

KGVO **MT**, Missoula 12/30 0000 man with ID into Fox news, up suddenly above and over KUMA for a few minutes on JRC with E-W wire. (GH-OR)

1380 KTKZ **CA**, Sacramento 12/30 2045 break from "Larry Elder," Salem promos, local ad spots. (RB-AZ)

1390 KLGN **UT**, Logan 12/24 1600 man gave ID into talk show of some sort. Abruptly faded back down into the mush, on HQ-180 and E-W wire. (GH-OR)

1420 KSTN **CA**, Stockton 1/3 0854 fair to good signal with country music, station ID and morning DJ "Johnny Stockton" with news, weather and traffic. (PW-WY)

1440 CKJR **AB**, Wetaskiwin 12/24 1800 fair signal with oldies music, station ID giving city of license and ownership info along with a W1440 jingle. (PW-WY)

1450 KGRE **CO**, Greeley 1/9 1900 came up on top of the frequency with AM/FM ID just after the hour and using the slogan "El Tigre." (NP-AB)

KNSI **MN**, St Cloud 12/3 2134 very poor, "Right here on AM 1450, FM 99.3 KNSI... we now return to your regular programming." New! (PW-WY)

1460 KTYM **CA**, Inglewood 1/4 1037 fair slightly noisy signal with Spanish music match to web. (PW-WY)

KKAQ **MN**, Thief River Falls 1/4 2340:39 ID "1460 and 98.5 KKAQ" male voice in splitter between two C&W songs. Weak but clear and all alone for at least four minutes with only one fade, sounding more like their 2500 watt day power. (JP-AB)

KHOJ **MO**, St Charles 1/1 1729 fair to low side of good with "Sacred" type Christmas music and a brief prayer between musical selections. New! (PW-WY)

1480 KYOS **CA**, Merced 1/4 at 1100 over, and sometimes under unID station with religious lecture. Network news at the top of the hour. ID by woman. (RB-AZ)

KQAM **KS**, Wichita 1/1 1935 "There's your Wichita weather center update," then good legal ID by man. Very good on RF-2200. (RB-AZ)

1490 KKAN **KS**, Phillipsburg 12/22 1621 fair signal nearly 2 hours before local sunset with old country and rock 'n roll music along with vintage KKAN jingle. New! (PW-WY)

KCLE **TX**, Burleson 12/24 1830 fair to good, clear signal with man talking in Vietnamese. (PW-WY)

1520 KKZZ **CA**, Port Hueneme 1/4 1009 higher side of fair signal with multi person morning show talking in Spanish. (PW-WY)

KSIB **IA**, Creston 12/28 1655 poor signal with classic hits music and liner "Southwest Iowa's Home for Classic Hits, Kool 102." Format change appears to have happened in mid-December. (PW-WY)

KZOY **SD**, Sioux Falls 12/28 1655 very poor signal but a very obvious Casey Kasem American Top 40 The 80's popped up in the middle of KSIB. New. (PW-WY)

KKXA **WA**, Snohomish 1/3 1028 poor, somewhat noisy but pretty understandable signal. Local ads and country music. (PW-WY)

1560 KIQS **CA**, Willows 12/29 0927 poor to fair signal, 250 too early watts of Spanish music, matched to web, making it through KZNR slop. New!(PW-WY)

KBEW **MN**, Blue Earth 12/31 1735 pretty good "Fair" signal with a classic rock type tune followed by a Happy New Year song. (PW-WY)

1600 KUBA **CA**, Yuba City 12/31 1700 music playing over/under KOPB. Very weak on JRC with E-W wire, seldom heard. (GH-OR)

1660 KBRE **CA**, Merced 1/4 1020 huge on day power with Pearl Jam song. (MS-CA)

1670 KQMS **CA**, Redding 12/24 1930 ID into Fox news and talk format. Fair to poor, noisy but alone with deep slow fades on JRC with N-S wire. (GH-OR)

+1/6 0933 fair to good signal at times with host Kelly Frost Sr, several KQMS and local town mentions. Signal held out for several minutes. Usually much weaker and doesn't last as long. (PW-WY)

UnID

690 UnID 12/30 1900 heard on County Comm Ultralight. Tentatively I want to say it was possibly KFXN (MN). Yes, it is only 500 watts and a long haul to Arizona. I had heard a man in what sounded much like Vietnamese on long talk over the jumble. Against the odds, KFXN seems to be the only station my research has shown to fit (the format is Hmong programming, which could have been mistaken by me for Vietnamese). Unless I have missed a station flip update recently. (RB-AZ)

1240 UnID 1/1 2042 station with test tone and (unreadable) announcement every minute. (MS-CA)

Welcome to Paul our new reporter from Wyoming! – Nancy 1/10 1700



CENTRAL DX ROUNDUP – John C Johnson – 2922 S Olivewood – Mesa AZ 85212-2923
Email: John_Johnson@prodigy.net CDXR reports ONLY: cdxr@ircanonline.org

RIDING GAIN

[EB-MO] **Eric Bueneman**, Hazelwood MO **N0UIHeric@gmail.com**
 CountyComm GP-5/SSB Ultralight receiver, Grundig AN-200 tunable loop, Yaesu FRG-7, Worcester Space Magnet II, National NC-60 Special, Apex 303WA-2 LW/AM/SW vertical antenna

DOWN THE DIAL

- 550 KTSA **TX**, San Antonio. 1/2 fair signal in KTRS null. 0614 noted with weather forecast, mention of *The KTSA Morning News* into local spots. [EB-MO]
- 560 KWTO **MO**, Springfield. 1/7 fair signal over WHBQ; ACI from KTRS 550 0555 noted with *First Light*, "KWTO Five-60 AM and 93-point-Three FM" ID into local spots. [EB-MO]
- 570 WIDS **KY**, Russell Springs. 1/3 fair signal over KLIF, WNAX. 0658 noted with Southern Gospel format, mention of 107.5 FM (WIOK Falmouth KY), "WIDS Russell Springs" legal ID at 0700 into SRN News. [EB-MO]
- 790 KURM **AR**, Rogers. 1/8 good signal over WMC, WRMS. 1738 noted with interview mentioning an upcoming event in Springdale, local spots and commentary on a road tax proposal. [EB-MO]
- 840 WKTR **VA**, Earlysville. 1/7 fair to poor signal under WHAS 0628 noted with "WKTR" ID and weather forecast for the Charlottesville area. [EB-MO]
- 1010 WKJW **NC**, Black Mountain. 1/7 good signal over CFRB, KXEN, WINS. 0548 noted with church calendar mentioning various NC and SC towns, local spots into Southern Gospel format. Obviously on day power. [EB-MO]
- 1240 WNVL **TN**, Nashville. 1/3 fair to poor signal, mixing with other stations. 0615 noted with Regional Mexican format, "Activa" ID in Spanish at 0618. [EB-MO]
- WTAX **IL**, Springfield. 1/7 fair signal atop WENK and other stations. 0331 noted with CBS News update, "News radio 12-40 and 93-point-Five WTAX" ID into local spots. [EB-MO]
- 1270 KFLC **TX**, Benbrook. 1/8 good signal, alone on channel. 1753 noted with local spots, "KFLC es Tú Deportes Radio 12-70 AM" and network promos in Spanish. [EB-MO]
- 1430 KKOZ **MO**, Ava. 1/3 fair to poor signal, mixing with WXNT and other stations; local KZQZ off. 0652 noted with weather forecast, "Cause radio 92-point-One" ID before fading out. [EB-MO]
- 1540 KEDA **TX**, San Antonio. 1/3 fair to poor signal, mixing with KXEL. 0637 noted with Regional Mexican format, "Radio Jalapeño" ID at 0639. [EB-MO]
- 1550 WDLR **OH**, Delaware. 1/4 fair to poor signal, mixing with KESJ, WPFC. 0147 noted with Classic Hits format, call letters in promo and local spots. Must be on day power. [EB-MO]

FLASHBACK

50 Years Ago – January 17 1970 issue of "DX Monitor" ... **Reid Wheeler** of Aberdeen WA mentioned he was in his 2nd year with the IRCA and that he was 27. He verified WHAS for state #25 ... **Dan Sys** of Vancouver BC heard his most wanted station, KQWZ 1230 ... **Don J Kenney** of Santa Monica CA mentioned his 1954 verie from KMVI 550 shows "Territory of Hawaii" ... **Marv Garber** of Lincoln NE verified state #42, Hawaii, with two veries in the same envelope – KIKI and KORL. // **25 Years Ago – January 14 1995** issue of "DX Monitor" ... **Frank Aden** of Boise ID told about the upcoming Boise convention. Room rates at the Owyhee Plaza Hotel would be \$50 ... **Mike Sanburn** of Bellflower CA logged WIBW 580 during a DX Test ... **Gary Larson** of Burbank CA talked to the GM of KGRB 900 about their format change. Our **Flashback DXer** of the week is **Rick Evans**...



OPEN MIKE

Thanks to Eric we have a column this week. This column was typed 01/10/20. 73, John



EASTERN DX ROUNDUP – Eric Bueneman (N0UIH) – 631 Coachway Lane – Hazelwood MO 63042-1347
Email: n0uiheric@gmail.com DEADLINES: Friday 2359 ELT

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**, London ON, Canada **paulisnider@yahoo.ca**
 Elad FDM-S2 software-defined receiver, Pixel RF Pro-1B loop, MFJ-1020C as a tuner

ACROSS THE DIAL

- 530 CHLO **ON**, Brampton – 1/3 1625-1835 noted with endless vocal music in Hindi, mentions of Toronto, Brampton and Saint Catharines. Alone on the channel, first time heard since call letter change from CIAO. (KK-VA)
- 540 WKFN **TN**, Clarksville – 1/9 0046 noted with local spots, 'ESPN Clarksville' ID, more local spots mentioning Clarksville and Area Code 931, into *Freddie and Fitzsimmons*. A poor to very poor signal was noted, mixing with WGOP; first time heard in London. (PS-ON)
- 590 WEZE **MA**, Boston – 1/3 1804 noted with a Christian talk format, "This is WEZE AM 590... Boston" legal ID by a female announcer. The signal was noted mixing with WROW and an unidentified talk station. (KK-VA)
- WROW **NY**, Albany – 1/3 1834 heard this station the whole time I listened but didn't realize it; I thought I heard WMBS. A female announcer was heard talking about enjoying the songs played, then a "Magic 590 and 100.5 FM" ID by a male announcer. The signal was noted mixing with WEZE and an unidentified talk station, a new station in the logbook. (KK-VA)
- 860 WNOV **WI**, Milwaukee – 1/6 2345 noted with an Urban Adult Contemporary format, couldn't catch legal ID at 2400. At 0104 1/7, the signal came up well enough to confirm reception via Simple Radio Web. Apparently on 250-watt daytime power; a poor to very poor signal was noted under CJBC. (PS-ON)
- 900 WJWL **DE**, Georgetown – 1/9 0125 noted with a Regional Mexican format, no ID heard but was definitely confirmed by the station's Simple Radio Web. I thought it might have been WCLM, but it was not parallel to that station's Tune-In Web. The signal was lost to CHML and WURD. (PS-ON)
- 1010 WKJW **NC**, Black Mountain – 1/4 2239 noted with a Southern Gospel format, "We are The King's Radio, WKJV and WKJW" ID into *Community Calendar*. A fair to poor signal was noted, mixing with CFRB and WINS; apparently on 47 kW day power. (PS-ON)
- 1110 WJML **MI**, Petoskey – 1/10 2257 noted with Detroit Red Wings hockey play-by-play, "WJML 1110 Petoskey" legal ID at 2300 before returning to the hockey game. An occasionally fair signal over to very poor signal under WBT; apparently on 10 kW day power the last couple of nights. (PS-ON)
- 1150 WHBY **WI**, Kimberly – 1/6 0130 noted with Coast-to-Coast AM, local and national spots, news briefs, promo for the WHBY app, legal ID at 0200 into CBS News. A fair to poor signal was noted, mixing with CKOC and possibly WAVO. (PS-ON)
- 1330 WKTA **IL**, Evanston – 1/4 2334 noted with a long talk in Russian by a male announcer, music at 2357, "1330 WKTA Evanston" legal ID at 2400, also heard a mention of 95.9 FM (W240DE Evanston – eb). A fair to poor signal, mostly dominating 1330 on day power; first time heard in London. (PS-ON)

- 1360 WNJC **NJ**, Washington Township – 1/8 2320 noted with a Rock music program featuring music by Creed, "This is WNJC 1360 AM" ID at 2347 into another music set. A fair to poor signal was noted, mixing with other stations; confirmed via Tune-In Web. First time heard in London. (PS-ON)
- 1430 WION **MI**, Ionia – 1/5 0023 noted with a Classic Hits format, featuring music from Bob Seger, Bryan Adams and Sir Elton John, promo for *The Popeye John Show*, "on WION" mention at 0033, community events calendar with another WION mention, weather forecast for West Central Michigan with yet another WION mention. A fair to poor signal was noted, mixing with WXNT. (PS-ON)

EDITOR'S NOTES

Thanks to Kraig and Paul for their logs this week. We have been having wild weather in the Midwest the last few weeks, but the DX is still good! This is a good time to start planning those Spring DXpeditions. 73 and good DX from NØUIH, the Florissant Valley Dial Twister.



DX WORLDWIDE/TROPICAL BAND DX – Brandon Jordan – PO Box 338 – Rossville TN 38066
 Email: dxww.irca@gmail.com all times UTC

New Deadline – Monday 0000 UTC.

*** TRANS-ATLANTIC DX ***

- 639 **CZECHIA** CRo Dvojka synchros. DEC 31 0326 – Poor with man talking, //954. [NHP-BC]
- 702 **IRAN** VOIRI, Kiashahr. DEC 30 0103 – Nil to fair strength with Koranic recitation parallel to 1323 on KiwiSDR <http://194.117.252.27:8073/> in Ukraine. Slight delay on the KiwiSDR. Also noted JAN 02 1500. Poor with bassy music, man talking, then orchestral music which was confirmed to be this by Mauno Ritola; first definite pre-local sunrise trans-Actic signal this season.
- +JAN 03 0229 – Briefly poor to fair with a man talking after music from a plucked stringed instrument //1323 on the Ukraine KiwiSDR UR5VIB. [NHP-BC]
- 774 **SPAIN** RNE1 synchros. JAN 5 0650 – usual two carriers beating, 0653 Spanish talk from RNE1 synchros, headed by 100 kW València and seven others down to 10 kW. Does anyone know which be off-frequency? MWOffsets shows Valencia only 0.2 Hz low and no others more than 3 Hz minus. Iran and Egypt both have high-power 774s considerably off-frequency+plus, but would not expect them to be involved this late into their daytimes. Only other Europeans are very low powers in Italy and UK. [GH-OK]
- 855 **ROMANIA** Radio Romania Actualitati, Bucuresti. JAN 01 0430 – Poor to fair with lively music on 855.007kHz, admittedly not strong, but parallel with Romania Actualitate web. [NHP-BC]
- SPAIN** RNE1, Murcia et al. DEC 28 0552-4 – Fair to poor with man in Spanish, and carrier very close to nominal. This was the first TA audio heard in Victoria, after many nights of TA carriers not developing into anything very much. Also DEC 30 0616-0620 Fair to good with man and woman in Spanish //585 on Alicante KiwiSDR with offset of less than a second. [NHP-BC]
- 891 **ALGERIA** Chaîne 1. JAN 5 0649 – woman in Arabic; best heard yet, the reactivated Ouled Fayet 600 kW transmitter of RA-1 near Algiers. Wolfgang Bueschel thinks these superpowers are running about half to save costs. Mostly separable from WLS by USB tuning. [GH-OK]
- 954 **CZECHIA** CRo Dvojka synchros. DEC 31 0326 – Poor to fair with man talking //639, and mixing with co-channel Turkey. [NHP-BC]
- TURKEY** TRT 1 Radyo Bir, Trabzon-Deliktas. DEC 31 0307 – Fair with plucked stringed music, //web <http://radyo.trt.net.tr/Kanal/1/radyo-1.aspx>. [NHP-BC]
- 1026 **IRAN** Radio Tabriz, Azarshahr. JAN 03 0141 – Fair with "middle eastern" male vocal //1134 on Ukraine KiwiSDR <http://194.117.252.27:8073/> ...at least for a moment or two as 1134 is DX at that site. 1026 fared better in Victoria, and the first trans-Arctic to appear tonight. [NHP-BC]
- 1053 **ROMANIA** SRR Radio Iasi, Iasi. JAN 02 0430 – Good with pop music //web <http://www.radioiasi.ro/asculta-live/>. Another Romanian was on 1179, also lined up with its web with a somewhat poorer signal. Things were very erratic however, so moments later, nothing on the channel, matching their sudden appearance. [NHP-BC]
- 1152 **ROMANIA** SRR Radio România Actualitati, Cluj-Napoca/Jucu. DEC 31 0319 – Poor to fair with rock music //855 which was at similar strength. [NHP-BC]
- 1386 **LITHUANIA** Radio Baltic Waves/Radio Liberty, Viesintos. JAN 02 0330 – Fair with woman in Russian, NHK World theme. At 0416, strength was very good with woman in presumed Belarusian. [NHP-BC]
- 1494 **MOLDOVA** Radui Moldova Actualitati, Cahul/Edinet. JAN 02 0358 – Woman speaking, quite murky and poor, faded down, but came up across the hour with a bit of music, then man talking, then back to woman, perhaps news? Then carrier for this appeared shortly after 0355, so suspected it might be Moldova. Fortunately, Walt Salmaniw was recording at the same time on Haida Gwaii, and his recording matched mine, with the man at the hour saying "Radio Moldova", though I'm not sure that good enough audio processing exists to drag that out of my own recording. Thanks Walt! This is a new country for me, and a highlight of the turn of the year trans-Arctic opening. [NHP-BC]
- 1503 **EGYPT** Holy Quran Programme, Al-Arish. DEC 29 0336 – Poor with Koranic recitation, //864 which was poor to fair several times during the next hour. 1503 noted other times on ensuing evenings, good carrier but poor modulation level? as always poor readability. [NHP-BC]
- 1512 **IRAN** IRIB Radio Ardabil, Ardabil. JAN 04 0118 – Nil to fair with brief fade up with woman talking, then gone. Returned at 0119, with man talking, then into Middle Eastern instrumental music. Was parallel with 1197 on the Fuzesabony Hungary KiwiSDR: 1512 there was Iran mixing with presumed Saudi making things confusing. Incidentally, this was on 1511.995 and not that much stronger than another carrier at 1511.990 (which is presumed Saudi...). This is listed as only 50kw, so it must have a good transmitter site. Probably qualifies as my best trans-Arctic DX; didn't even log it at PEI, though Bruce Conti did. [NHP-BC]
- 1539 **UNITED ARAB EMIRATES** Asianet Radio, Al-Dhabbaya. JAN 04 0054 – Fair with sudden fade up to lively Indian vocals //web at http://www.pravasibharathi.com/Radio_Live.php Listed as DRM in MWList before 0100UT, but apparently not. Hung around for a minute or so, with a couple of quick reprises, then gone again. Had likely also been heard DEC 31 0226. Poor with flute music followed by woman talking, Indian intonation. [NHP-BC]

*** TRANS-PACIFIC DX ***

- 648 **JAPAN** JOIG, Toyama. DEC 20 1433 – Poor with woman and man talking, //567. A rare one here, due to 650 splash and low power [NHP-BC]
- 774 **JAPAN** JOUB, Akita. NOV 15 1349 – Poor to fair to good signal at times. Started off with program in Portuguese, was ravaged by splatter from KKOB at times. At 1356 the program is coming to a close, a woman briefly mentions NHK World Radio Japan and at top of hour, NHK time tones are heard. [PW-WY]
- 1494 **JAPAN** JOTL, Nayoro. DEC 19 1549 – Poor with pop vocal, //1287. [NHP-BC]
- 1584 **JAPAN** NHK1 synchros. DEC 19 1546 – Poor with man and woman talking, //1503, which was very good at times. [NHP-BC]

*** PAN-AMERICAN DX ***

- 710 **CUBA** Radio Rebelde. NOV 27 0543 – GOOD signal at times with some English language Adult contemporary music into spanish/Cuban music, signal held out for nearly 14 minutes. [PW-WY]
- 800 **BONAIRE** Radio Transmundial, Kralendijk. DEC 31 0229 – Fair to poor signal with Spanish preacher and mentions of Radio Transmundial. [PW-WY]
- 1300 **MÉXICO** XEP, Ciudad Juárez, Chih. JAN 12 0708 – corrida song solo by man dominates, from WSW, 0711 "Radio Mexicana, Nuestras Noticias" ID but NO news now! and another solo song by woman. This has a better signal than most Mexicans, even 800 XEROK. IRCA Log says "Fiesta Mexicana" frequently announces 40 kW, but night power unknown. Had been and still is listed as 0.2 kW night in WRTH 2020, and agrees on the slogan I heard. [GH-OK]

CONTRIBUTORS

- NHP-BC **NICK HALL-PATCH**, Victoria BC nhp@ieee.org
 AOR AR7030, RFSpace SDR-IP; RFSpace SDR-14 running DX Fishbarrel program; north FLG-100 antenna, west FLG-100 antenna, 1m indoor box loop, 14m sloper, Misek phasing unit.
- GH-OK **GLENN HAUSER**, Enid OK
 DX-398 with internal antenna only or PL-880; NRD-545 with ALA-330S inside E-W or inside random wire N-S; Nissan stock caradio as specified; ICR-75 E-W longwire.
- PW-OK **PAUL WALKER**, Laramie WY
 Icom IC746Pro, 25' x 10' magnetic loop antenna

Sorry for missing last week's column. Awesome logs! 73 and Good DX, Brandon (I did last week's column – pb)



The Best DXing since the Last Solar Minimum: Masset December 26 – January 3 2020 (updates via IRCA eGroup)

Here is the link to Walt Salmaniw's complete report (including the SW logs). Thanks again Walt – pb
<http://www.dxer.ca/index.php/our-stuff/105-new-years-dxing-from-masset-in-the-haida-gwaii-by-walter-salmaniw>
 Corrections/updates: (via IRCA eGroup)

My 1485 log should read as below. My thanks for Mauno Ritola for his Norwegian language lesson and correction! I hadn't even considered Svalbard as a possibility. I'm presuming that the 1485 UnID log from the 29th is also them. Please correct your records, if you wish to do so! 73, Walt

1485 **NORWAY** Svalbard, NRK Longyearbyen. Dec 30 1742 – I'm really struggling with the language. Good to very good at times, and only heard on the North Beverage and N/S ALA (weaker). A talk between 2 women. Language sounds Scandinavian/northern European to my ears. Footloose song at 1744. Very good at this stage. Wow!!! Then faded down to almost nothing. Footloose comes back at 1745:30 weakly with some talk. Back at good level, and almost certainly heard, 'Latvia'. 'Thank you so much' at 1751. BINGO! At 1757, there's an absolutely clear, 'Merkus AM' and back into modern music. Virtually armchair level, and this is from a 300 watt transmitter. Can I say, 'Wow!!!'? At 1800, another Merkus ID and into news. All Latvian. So the big question is who was it that I heard yesterday? Mi Amigo via Latvia? BBC? Now I have to apologize and thank Mauno Ritola for the correction. Not Latvia at all, but Svalbard, Norway here with 1 kW. What I heard was "En-er-ko: pee n" and not Merkus! Language obviously Norwegian. Thanks, Mauno!

Please note the corrections needed in my Masset DX report, so please amend it to reflect these. Thanks to Glenn and Ron for pointed them out! 73, Walt

Glenn Hauser:

Tremendous report. I would have a hard time picking out the most significant items. Also you referred to the 680 station as KGO instead of KNBR.

73, Glenn

Ron:

Outstanding report as always! Makes for enjoyable reading. A few minor observations:

5040 VANUATU Port Vila 2.5 kW Radio Vanuatu. Facebook VBTC (Nov 2019):

"VBTC is glad to announce that coverage of Radio Vanuatu will soon expand thanks to the arrival of new radio transmitters. The new 10kw Nautel Medium Wave (AM) transmitter, being imported from Canada, will arrive into Port Vila next week and will be installed by mid-November.

A new 10kw HF shortwave transmitter is currently being finalized in the Hanjin Electronics factory in South Korea. The transmitter is scheduled to arrive in Vanuatu in early December. Following the improvements to shortwave and medium wave services, VBTC will also undertake technical work to strengthen the coverage and reliability of its FM services.

The installation of these two new transmitters is part of Phase One of VBTC's major infrastructure upgrade to improve radio and free-to-air television service throughout Vanuatu. VBTC thanks the Government of Vanuatu for its support."

Have also seen other online references to a new "10 kW" SW transmitter.

Minor typo: > "3250 INDONESIA Palangkaraya," naturally is "3325."

Thanks again for your outstanding contributions!

Ron, California

Good DX at Sandy Neck Beach in Barnstable MA (Roy Barstow via IRCA eGroup)

This on 12/25/19 with 10 foot X 16 foot Loop on the truck. G-33 using built in amplifier along with the RPA-1 outboard amp. Too many stations to list so just the highlights. (EiC note: Roy includes many clips with his eGroup postings, obviously not included here).

2000 – 100°

- 891 **ALGERIA** going at it with Coran. In at S 5-6 and stronger than 890.
- 936 **MOROCCO** on top with Arabic talk. Also **SPAIN** with its pips, theme music, and news.
- 1071 **EGYPT** opened up near end of file with Arabic talk. Also music like Gospel from another station. This music much like Botswana would play, but I have them listed as inactive.
- 1170 **UnID** language. Thanks from RealDX as Sylvain Naud said it was **UNITED ARAB EMIRITS**.
- 1210 **CANADA** VOAR, Mount Pearl NF. On top with religious program. Going dark 1/10/20
- 1593 **ROMANIA** Actualitati. Music //1179.

2030 – 100°

- 570 **CANADA** VOXM NF. Good at S 9.
- 765 **SAUDI ARABIA** Quran program at S 4-5 and another man talking.
- 882 **SAUDI ARABIA** Quran //765 under **UNITED KINGDOM**.
- 954 **CZE** over **SPAIN** w/talk.
- 1134 **KUWAIT** mixing w/**SPAIN**.
- 1161 **IRAN** w/talk to S 6 peak, along with **EGYPT** under w/music and s/lop.
- 1422 **EGYPT** Koran //1503. Also mixing w/**ALGERIA** with Mideast music.
- 1476 **UNITED ARAB EMIRITS** Radio Asia. With music. A little higher in frequency **IRAN**.
- 1503 **EGYPT** Mid-file good w/Koran //1422.
- 1557 **UNITED KINGDOM** Gold. With a slow instrumental. **IRAN** mixing w/talk
- 1566 **UnIDs** seems to be 2 weak stations but 1570 CJLV in QC throws out a lot of interference. 1566 better at Menauhant Beach where a little bit of land mass will suppress it better.
- 1615 **UnID** talk.
- 1638 **UnID** music.
- 1647 **UnID** open carrier.
- 1655, 1675, 1705 **UnIDs** carriers.

2045 – 80°

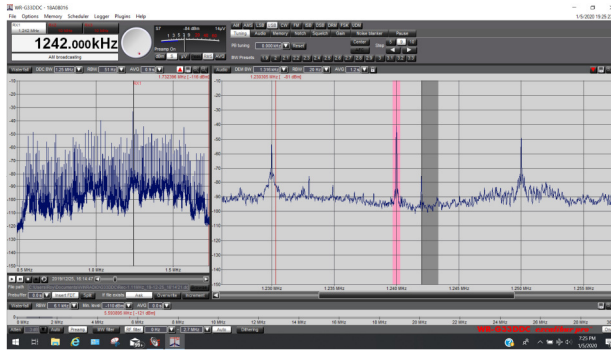
- 570 **CANADA** VOXM. Information how VOXM began.
- 657 **ITALY** thanks to Jari Savolainen and Alessandro Groppazzi of RealDX.
- 837 **IRAN** and **SPAIN** mixing and another unknown with music.
- 945 **ROMANIA** a woman singing. //756. Also another station with slow instrumental music which may be the **UNITED KINGDOM**.
- 999 **MOLDOVA** theme music and gone. Then **SPAIN** on top w/**UnID** station under them.
- 1197 **UNITED KINGDOM** Absolute. Music //1215.
- 1359 **UnID** music but weak. Presume **UNITED KINGDOM**.
- 1395 **UnID** with talk. This frequency bugging me as on many recent trips to the beach it comes in but weak.

2100 – 80°

- 1242 and 1251 **UnID** carriers.
- 1278 **IRAN** good at S 8. Woman sounds like Farsi. No //found.
- 1386 **LITHUANIA** talk and theme music and s/off.
- 1548 **MDA** TWR IS. Woman talking and then music. **KUWAIT** under w/talk.
- 1575 **ITALY** Midnight Mass to a good peak.
- 1584 **ITALY** presume them with Midnight Mass. Also mixing with **SPAIN**.
- 1638.009 **UnID** pirate. Mauno Ritola said it was, "BlueBird Radio, een Piratenzender", maybe from Finsterwolde in the Netherlands. Thank to Mauno and RealDX.

2115 – 110°

- 846 **SAUDI ARABIA** Quran to a fair peak. Could be another station under them but hard to tell w/splatter.
- 1206 **ISRAEL** woman in Hebrew talk at S 6-7. This woman sounds familiar when 1206 Israel coming in about this time on recent DX treks to the beach.
- 1242 **OMAN** coming in with bits of Arabic singing. New Country. See screenshot on the next page. Old Man picks up Oman. Hi!!
- 1431 **DJIBOUTI** a woman on how you can learn English.



Concerning Pirates: On Ydun's Medium Wave Info site under loggings you have 2 DXers from Southern Portugal which log many pirate stations. Listed as CG and CGS and both with good equipment and log mostly pirates from Netherlands. And it is a little odd that one will list stations and the other is silent or the other way around. CG from Lisboa now active with 2 loggings in the last month of 1638 Radio Blauwe Vogel. Also both know what station it is. I wonder if they always receive the I.D. or have a good source for info. Also I wonder why they do not pick up BlueBird on 1638. Maybe they do but is so common they do not list it much like I do not list many stations from the UK and Spain.

Menauhant Beach DX 12/28/19 (Roy Barstow via IRCA eGroup)

2100 – 110°

- 828 **UnID** Fair w/music.
- 837 **IRAN** and **SPAIN** mixing.
- 1026 **IRAN** w/music and **SPAIN** w/talk.
- 1566 **UnID**

2130 – 110°

- 774 **EGYPT** and **SPAIN** mixing.
- 1240 **UnID** OC and 1242 carrier but no audio.

2200 – 120°

- 783 **SYRIA** Fair with theme music and news. Then more music.
- 864 **EGYPT** Talk, pips, talk, into Koran.
- 963t **TUNESIA** Woman talking. Fair w/noise.

2230 – 120°

- 720 **SPAIN** RNE Radio 5. Pips into news.
- 855 **SPAIN** and **ROMANIA** mixing.

2300 – 120°

- 531 **SPAIN** RNE Radio 5. Under Jill FM w/pips.
- 576 **SPAIN** and **BULGARIA** in the mix w/pips. NA maybe Bulgaria.
- 612 **MOROCCO** Fair to good with talk.
- 828 **UnID** singing a song, maybe Magic 828. But noise and splatter.

2355 – Southeast

- 927 **UnID** Weak audio, Talk.

Not much, but some good DX comes from this beach and one does not know what to expect. Next report from Sandy with loads of stations. OLD ROY FROM OLD CAPE COD

DX Outstanding at Sandy Neck Beach p1 (Roy Barstow via IRCA eGroup)

I wanted to start a 3 PM local time (2000) capture at the beach but I was late due to an accident on RT-28 on the way. This day (Monday) January. 6 20 possible snow showers but the snow was not going sideways when I left. As I started to leave with the snow coming down my wife gave me an odd look but that is par for the course. It was snowing still when I started to set up at the beach and then it stopped and the sun came out for awhile. Not much wind and around 40°, it was nice and I was in my element.

2005 – 100°

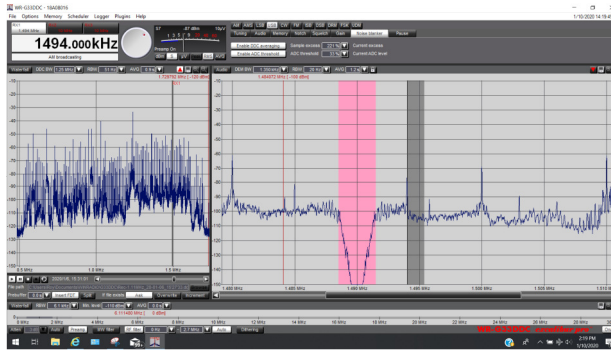
- 567 **ROMANIA** Actualitati. With talk //756 and mixing w/**SPAIN**. NEW
- 603 **ROMANIA** talk //756 under **SPAIN**.
- 756 **ROMANIA** with talk.
- 774 **EGYPT** with Mideast music under **SPAIN**.
- 783 **SYRIA** good w/music. //936.
- 819 **EGYPT** talk at S 5-6.
- 837 **IRAN** with music under **SPAIN**.
- 855 **ROMANIA** and **SPAIN** mixing.
- 936 **SYRIA** woman with Mideast vocal. //783 mixing w/**MOROCCO**.
- 999 **MDA** along with **SPAIN**.
- 1170 **UNITED ARAB EMERITS** on top with Arabic talk.
- 1188 **IRAN** music in weak to fair.
- 1206 **ISRAEL** slow talking man in Hebrew.
- 1278 **UnID** Mideast singing like Quran. No //found.
- 1332 **ROMANIA** talk //756.
- 1386 **LITHUANIA** talk at S 5-6.
- 1503 **SPAIN**
- 1557 **IRAN** with Mideast music but weak.

2030 – 100°

- 639 **CZECHIA** music //954. **SPAIN** also and 2+1 pips heard.
- 648 **SAUDI ARABIA** SBA, Radio Riyadh. Woman talking with music interludes. //1521. This under **SPAIN**.
- 657 **SPAIN** w/talk. **ITALY** w/talk //1062. **ISRAEL** man with a soft low voice. //1206.
- 666 **SPAIN** with talk //1044 and **IRAN** presume with Mideast music.
- 693 **UNITED KINGDOM** BBC. With a game and **SPAIN** w/pips.
- 702 **ALGERIA** on top with talk and **UnID** station under with singing. Suspect Iran or Oman.
- 756 **ROMANIA** on top w/talk //1332 and **IRAN** under with Mideast music.
- 882 **UNITED KINGDOM** Wales. With hum drum music w/**SAUDI ARABIA** under w/Quran.
- 936 **SYRIA** woman talking //783. **SPAIN** RNE Radio 5. music //747. **MOROCCO** talk //711. All at S 6-7.
- 1071 **EGYPT** ERTU Adults. Mix of music and Arabic talk. Mixing at times with **UnID** station. Suspect Syria as seemed Arabic language.
- 1161 **EGYPT** Arabic talk with slop.
- 1206 **ISRAEL** man with low voice //657.
- 1305.106 **UnID** carrier with a hum on 1305.
- 1431 **DJIBOUTI** woman talking. S 7 using Notch.
- 1494 **MOLDOVA** woman talking. Screen shot on the next page.
- 1503 **EGYPT** now in with Koran.
- 1615.2 **UnID** talk but weak.

2045 – 100°

- 765 **SAUDI ARABIA** SBA. Quran //792.
- 792 **SAUDI ARABIA** Quran //765 mixing with **SPAIN**.
- 828 **UnID** maybe 2 stations.
- 846 **UnID** man talking.
- 918 **SPAIN** and 1 more.
- 945 **UnID** weak.
- 1030 **USA** WBZ. looks interesting with **IRAN** 1026 on one shoulder and 1035 **ESTONIA** on the other shoulder. I wonder how far WBZ is from Sandy Neck as all salt water path.
- 1071 **UNITED KINGDOM** Talk Sport. Brit talking //1053. Then **SAUDI ARABIA** w/woman with a Mideast song //1521. Both NEW. Now at the end we have **IRAN**. Direct from the horse's mouth, Iran and Trump.
- 1080 **ISRAEL** Arabic talk in the mix.
- 1107t **AFG** hum noted in LSB. Measured at 1106.990. **SPAIN** in AM mode at 1106.989.
- 1116 **UNITED KINGDOM** BBC. With echo, talk. Also under them would be **SAUDI ARABIA** with the woman singing and drum beats prominent. Both new.



Mid-Band Best. At this point with sunset about 1 hour away the band was, " SMOKING".
Take care. **Roy Barstow** – Falmouth MA.



DX FORUM – Richard C Evans – 3908 Grand Oak Ave Apt 4 – Indianapolis IN 46237
Email: REvans5435@yahoo.com DEADLINES: Saturdays

Deadlines: 1/18, 1/25, 2/1, 2/8, 2/15, 2/22 and 3/7 – Anniversary issue

Glenn Hauser, PO Box 1684, Enid OK 73702 wghauser@yahoo.com

Greetings. All times and dates strictly UT. Receiver: mostly DX-398 with internal antenna only or PL-880; NRD-545 with ALA-330S inside E-W or inside random wire N-S; Nissan stock caradio as specified; or IC-R75 with E-W longwire.

CANADA. 223-MCW kHz, January 12 at 0727, dash and YYW, 1000 watt NDB at Armstrong, Ontario.

CANADA [and non]. 245 kHz, January 7 at 0735, ND beacon dash and YZE, 1000 watts at Gore Bay, Ontario, mixing on same frequency but different pitches with stronger 400 watt FS, Sioux Falls – Rock, South Dakota.

CANADA. 272-MCW kHz, January 9 at 0710, dash and YQA, ND beacon, 400 watts at Muskoka Falls, Ontario, per dxinfocentre.com one of those to be decommissioned on March 26.

USA. 276-MCW kHz, January 9 at 0712, dash and YEL, NDB – have I got Yellowknife? NO, it's just Elliot Lake, Ontario, 200 watts. (Yellowknife is ZF on 356 kHz, 3800 watts – should be on lookout for that).

USA. 329-MCW kHz, January 12 at 0226, ND beacon PMV, which is 25 watts from Plattsmouth, Nebraska.

365-MCW kHz, January 12 at 0222, ND beacon HQG, which is 25 watts from Hugoton, Kansas; I was tuned to 363-USB.

420-MCW kHz, January 12 at 0219, ND beacon PK, which is 25 watts from Olathe – Herbb, Kansas.

CANADA. 335-MCW kHz, January 8 at 0712, dash and ND beacon YLD, which is 1000 watts from Chapleau, Ontario.

353-MCW kHz, January 8 at 0715, dash and NDB PG, which is 25 watts at Portage-la-Prairie, Manitoba. CCI from two USA stations, qv.

USA. 353-MCW kHz, January 8 at 0715, besides PG from CANADA, qv, two US NDBs mixing, IN and LI. Same pitch but different pitch than PG; IN and LI have slightly different periods, so if you listen long enough they are more or less alternating rather than conflicting making for "strange" Morse code. IN is 100 watts from International Falls, Minnesota; LI is 400 watts from Little Rock, Arkansas.

USA. 379-MCW, January 6 at 0712-0715, two ND beacons mixing, DL, 500 watts from Duluth-Pike Lake MN; and BRA, 400 watts from Asheville-Broad River NC. I was tuned to 377-USB.

MOROCCO. 595.9, January 5 at 0651, JBA carrier, way off-frequency from 594 as I bandscan. Exactly the same offset as in previous log; have been alert for this since but not caught again until now: "595.9, October 25 at 0608, JBA carrier. Before a bandscan, I check for this first, as the low-power 50 kW Oujda transmitter of SNRT has been reported by Chris McWhinnie and Alan Pennington of the British DX Club, further off-frequency than usual 595 instead of 594, and there it is! Wolfgang Bueschel precisioned it at 595.896."

SPAIN [and non]. 684+, 0531 January 1, significantly off-frequency TA carrier, compared to eg 693.00; such variations are very obvious when tuning 9 kHz steps with BFO at 1-kHz offsets, my usual method. RNE is the 200 kW bigsig here and have had it before; off-ness confirmed at mwoffsets, this time relatively recently: "684.074 E RNE Radio Nacional (Sevilla/Los Palacios) 24h 2019-02-11 sometimes on 684.07" – no other 684 is anywhere that far above. The 693 for comparison is probably 150 kW BBC Radio 5 Live, although three low-power Spaniards are also listed.

UnID. 693, January 5 at 0659, two JBA carriers beating. Major station is BBC Radio 5 Live, with multiple synchros; a few in Algeria and Spain no more than 20 kW. MWOffsets shows the Spaniards are more spread out than the Brits almost all spot-on. If I have any TA carrier on 774, such as 0102 January 2, it's at least two of them, making a beat among the multiple RNE outlets. In this case, mwoffsets shows none more than 3 Hz low; Egypt is way off high, 774.17 or 774.8.

SPAIN. 774, January 5 at 0650, usual two carriers beating, 0653 Spanish talk from RNE1 synchros, headed by 100 kW València and seven others down to 10 kW. Does anyone know which be off-frequency? MWOffsets shows Valencia only 0.2 Hz low and no others more than 3 Hz minus. Iran and Egypt both have high-power 774s considerably off-frequency-plus, but would not expect them to be involved this late into their daytimes. Only other Europeans are very low powers in Italy and UK. 774 is the #1 audible TA frequency here; just as it is the #1 audible TP frequency later from Japan. Someone pointed out that around 0700 both of these could propagate midwinter to North America; not tonight when I also checked from the NW. Nor was there much from NHK an hour before sunrise.

ALGERIA. 891, January 5 at 0649, woman in Arabic; best heard yet, the reactivated Ouled Fayet 600 kW transmitter of RA-1 near Algiers. Wolfgang Bueschel thinks these superpowers are running about half to save costs. Mostly separable from WLS by USB tuning.

USA. 980, January 12 at 0009 amid my JBA TA carrier bandscan, I notice an open carrier upon this TA/NA frequency, still so at 0014. DFing makes it NE/SW, and surely my nearest KMBZ Kansas City MO which normally dominates at night here, and of which there is no other sign. Main QRM is Spanish music NNW/SSE, making SAH of 204/minute = 3.4 Hz, very likely KQUE Houston market TX. Can it be that no one is paying attention at one of KC's major(?) radio stations? Transmitter site is east of Stateline.

UnID. 1060, January 12 at 1445, two notes looping over and over, accompanied by a constant bassier note. Loops WSW/ENE, suspected KIJN Farwell TX.

USA. 1090, Saturday January 11 at 0702, KAAY Little Rock with series of jokes to a laughing audience, stand-up? Not the usual gospel-huxtering; XEAU Monterrey at right angle needs to be nulled instead of vice-versa; 0705 ads; 0708 opening the NBC-TV Today show hour with Hoda and Jenna for January 10! but no video here. Seems a drastic format change. Maybe this is not 'Beaker Street', but a related story sent on by Rick Barton, AZ; very vague about when BS would be on: "Beaker Street," Clyde Clifford's pioneering late-night radio show, is back on the air. The program debuted on 50,000-watt AM radio station KAAY in 1966 and established itself as an underground dispatch – and as an antidote to commercial radio's milquetoast formulas and penchants for repeating the same 100 classic rock tracks on a carousel. Clifford favored deeper and longer album cuts than daytime mainstream radio had patience for, and because he broadcast the show from KAAY's Wrightsville location, where the station's transmitter was located, he set his mellow narration to a backdrop of freaky space sounds to muffle the transmitter's hum – a trademark that so defined the show that it had to be kept, even when "Beaker Street" found life in other, more noise-controlled studios. Now, with Clifford's (real name: Dale Seidenschwarz) retirement from a decades-long day job in the rearview mirror (barely), the beloved rock radio bulletin is slated for a revival on Arkansas Rocks, a coalition of veteran radio talent that, like Clifford, skews less toward stuff like "Hotel California" and more toward the likes of "Traveller in Time." Stay tuned for more on Clifford's return to the airwaves, scheduled for February 2020. Until then, here's Arkansas Rocks' air talent Tom Wood bringing the good news... <https://arktimes.com/entertainment/2020/01/07/beaker-street-is-back>

USA. 1090, what in the world is going on at KAAV Little Rock? Even more strangeness than heard last night: January 12 at 0655, woman and man discussing: pizza! But audio is continuously breaking up severely like internet buffering. Then mentions "see it", a smokeless grill, so this is audio of a TV infomercial (taking a cue from co-channel XEAU Monterrey which does the same thing in Spanish at these hours). Sound is horrible. "Exclusive TV offer" runs past ToH 0700, 0702 ending disclaimer and NO ID, but from DF and usual dominance, I am sure it's KAAV. At 0704, still breaking up, starts 'Judge Judy' TV show! (Yesterday it was NBC-TV Today Hoda Kotb hour.) 0724 recheck, still JJ breaking up.

OKLAHOMA. 1530, January 12 at 0718, Spanish ID mentions Tulsa and FM. So Spanish at night isn't necessarily KGBT. KXTD Wagoner OK is a 5 kW directional DAYTIMER. NRC AM Log shows its FMs are on 104.9 and 100.3. Could this explain it? Should not; Paul Walker reported last November 7: "OK, this has to be one of the oddest explanations I've ever read for requesting Special Temporary Authority. KXTD-AM 1530 Wagoner OK is requesting permission to operate at lower than its licensed 5000 watts and to do it Non directional after a trampoline flying through the air during a tornado toppled one of their towers".

UnID. Trans-Atlantic JBA MW carrier search January 12 at 0006-0013: 531* strongest; 558(2), 576, 585, 639, 657, 693(2), 711, 729, 738, 774(2), 801, 819, 837, 855, 882, 891, 909, 936(2), 999, 1008, 1017, 1044, 1089, 1098, 1107(2), 1125(2), 1152, 1179, 1215(2), 1296, 1305(2), 1422, 1485 and 1539.

USA. 1860-AM, Saturday January 11 at 1611, WA0RCR in full daytime is S9+20 with ham news; unfortunately my local noise level on 160m is also S9+20. But it does achieve wide coverage, especially wintry.

USA [and non]. WORLD OF RADIO 2016 monitoring: confirmed Saturday January 11 at 2058 on WA0RCR, 1860-AM, my intonation barely recognizable in hi noise level for the 2030v broadcast. Also confirmed Sunday January 12 at 0431 on WA0RCR, 1860-AM, Wentzville MO, about 2 minutes into so started circa 0429.

USA. 2097.3-CW, January 7 at 0728 the single-letter beacon A is back! ID every deka-second. Also January 8 at 0220. Have included this in bandscans despite last reported by Steve Zimmerman, WI on August 20. It was so regular that I did not always log it but noted October 11 that it was no longer to be heard. Last time I did log it was August 3. Originally thought to be in Quartzsite AZ, but then denied to be there, yet presumably somewhere in SW USA.

CANADA. 2598-USB, January 8 at 0655, marine weather in English by roboyl, with slight reverb: could there be two transmitter sites emitting the same feed? S7 vs S5 noise level and hard to copy. 0658 mentions "northern Grand Banks" i.e. off NF "storm warnings in effect". 0701 " – radio, out". But none of the three references checked show any broadcasts on this frequency just before 0700! Placentia NL VCP supposedly starts at 0737. Nothing was on sibling frequency 2749-USB.

OKLAHOMA. 4600, January 10 at 0332, SBG //1390, i.e. a mixing product from local KCRC ESPN, but how? It's almost always weakly audible as transmitted rather than receiver overload. The only formula I can come up with for a combination with our other local, KGWA 960, is: $4 \times 1390 = 5560$; $5560 \text{ minus } 960 = 4600!$

CUBA. 5040, January 7 at 0721, Radio Havana Cuba English still on here with squeal, //6060 stronger than 6145. 5040 needs to get out of way for Vanuatu from 0630.

USA. 5130, January 10 at 0345, WBCQ is on with an 'Allan Weiner Worldwide' but very poor, rough copy; referring to some story Artie sent him, mentioning local origination and city of license; an old repeat; 0400 sign-off theme from the "family" at WBCQ. Schedule shows 5130 on air Friday at 0200-0400 with 'Christian Missionary Radio Evangelism' and 'Radio for Peace International' at 0300 – but now that presumably in French is apparently gone. Own website <https://www.rfpi.eu/nous-ecouter/comment-ecouter-radio-for-peace-internationale.html> shows both summer and winter schedules. Summer had 5130 from unknown station at 0200-0300 but only on the first Thursday [sic] of the month, while winter eliminates that completely.

Until the next, Best of DX and 73 de Glenn!



SPORTCHANNELS IRCA – Compiled by: Eric Bueneman (NØUIH)
Email: n0uiheric@gmail.com

Welcome to another edition of SportChannels! Basketball season is under way, and we're featuring NBA network lists. The first division we'll be featuring network lists are from the Pacific Division of the Western Conference. This is the division the defending Western Conference champions, the Golden State Warriors, play in. Flagship stations are in **boldface** type.

GOLDEN STATE WARRIORS Tim Roye, Tom Tolbert, Jim Barnett, Web: nba.com/warriors/

95.7 KGMZ-FM San Francisco, CA only

LOS ANGELES CLIPPERS Ralph Lawler, Brian Sieman, Web: nba.com/clippers/

570 KLAC Los Angeles, CA (primary)

1150 KEIB Los Angeles, CA (secondary)

LOS ANGELES LAKERS John Ireland, Mychal Thompson, Web: nba.com/lakers/

AM	1100 KWWN Las Vegas, NV	1360 KLSD San Diego, CA	FM
710 KSPN Los Angeles, CA	1230 KSZL Barstow, CA	1490 KMET Banning, CA	92.7 KKUU-HD2 Indio, CA
940 KFIG Fresno, CA	1230 KYVA Gallup, NM		100.9 K265EZ Henderson, NV (1)
990 KIKI Honolulu, Oahu, HI	1280 KXTK Arroyo Grande, CA		103.9 K280CV Cathedral City, CA (2)

Relays: 1) KWWN 1100, 2) KKUU-HD2 92.7

LOS LAKERS DE LOS ANGELES Fernando Gonzalez, José "Pepe" Mantilla, Francisco Pinto, Web: nba.com/lakers/

1220 KTMZ Pomona, CA	1330 KWKW Los Angeles, CA	1460 KENO Las Vegas, NV	1490 KWAC Bakersfield, CA
----------------------	----------------------------------	-------------------------	---------------------------

Note: KWKW 1330 now uses the ID "Tú Liga Radio 1330 AM"

PHOENIX SUNS Kevin Ray, Jon Bloom, Tim Kempton, Web: nba.com/suns/

AM	1230 KATO Safford, AZ	FM	102.5 K273BS Show Low, AZ (2)
600 KVNA Flagstaff, AZ	1340 KIKO Miami, AZ	92.1 KZUA Holbrook, AZ	106.7 KNKI Pinetop, AZ
780 KAZM Sedona, AZ	1400 KCYK Yuma, AZ	94.3 K232EY Kingman, AZ (1)	
980 KNTR Lake Havasu City, AZ	1400 KRVZ Springerville, AZ	98.7 KMVP Phoenix, AZ	
1210 KEVT Sahuarita, AZ	1490 KFFN Tucson, AZ	100.5 K263BM Riviera, AZ (1)	

Relays: 1) KNTR 980, 2) KNKI 106.7

LOS SUNS DE PHOENIX Arturo Ochoa, Jorge Moreno, Web: nba.com/suns/

1400 KSUN Phoenix, AZ

106.5 K293CO Phoenix, AZ (relay)

SACRAMENTO KINGS Gary Gerould, Jason Ross, Web: nba.com/kings/

1140 KHTK Sacramento, CA only

That will wrap it up for this edition of SportChannels. In the next edition, the radio listings for the Northwest Division of the NBA's Western Conference will be featured. 73 and play hard from the Florissant Valley Dial Twister.

AM Radio Log 40th Edition

The **NRC's AM Radio Log** is a source for information on AM Radio Stations in the United States and Canada. The 40th edition of the Log contains approximately 302 pages of data and cross references and 12 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. 10,000+ updates since last year's 39th Edition of the log! Included is a cross reference by State/Province areas. 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) 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.

The **NRC/IRCA US Member Price** is \$28.95. Non Members in the USA is \$35.95. Orders from Canada are US \$41.15 and Overseas orders are US \$52.65.

You may order the 40th edition at www.nationalradioclub.org using Pay Pal or by snail mail check or money order to NRC HQ, PO Box 473251, Aurora CO 80047-3251.

NRC Antenna Pattern Book, 8th Edition

The 8th 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.

The **NRC/IRCA US Member Price** is \$28.95. Non Members in the USA is \$35.95. Orders from Canada are US \$41.15 and Overseas orders are US \$52.65.

Order from NRC, PO Box 473251, Aurora CO 80047-3251 or <http://www.nationalradioclub.org>. Colorado residents, please add 3.5% sales tax. **Please state club affiliation when ordering.**

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@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 longwave 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@nrctxas.org.

NRC County Cross Reference (CCR)

Compiled by Bill Hale. This handy reference has a complete list of counties in the USA and Canada. Listed alphabetically and cross referenced by state.

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 <http://www.nationalradioclub.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 October through March, twice monthly from April to October.) **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: Bruce Portzer, 6546 19th Ave NE, Seattle WA 98115
Email: portzerbt@gmail.com (all proposals, suggestions and gripes go here)

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

Board of Directors: Phil Bytheway (chairman) – phil.bytheway@gmail.com, Dennis Gibson – wb6tnb@yahoo.com, Stephen S Howe – showe@albany.edu, John C Johnson – John_Johnson@prodigy.net, Patrick Martin – mwdxer@webtv.net, Mike Sanburn – mikesanburn@hotmail.com and Robert Wien – wienbob@aol.com

Publishing Committee: Editor-in-Chief: Phil Bytheway, 9705 Mary Ave NW, Seattle WA 98117-2334
Email: DXM.EiC@gmail.com (all material for publication goes here)

MEMBERSHIP DUES

Worldwide \$5 (for the first year – ie a joining fee)
Worldwide \$0 (subsequent years – ie renewal)

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. Go to www.paypal.com, then send your dues to ircamember@ircaonline.org – contact Lynn Hollerman for more information.

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

Unless otherwise noted, permission is granted to publish, broadcast, or otherwise reproduce non-copyrighted material appearing in **DX Monitor** provided credit is given to the IRCA and permission is obtained from the original contributor. Opinions in **DX Monitor** are those of the original contributors and do not necessarily reflect those of the IRCA, its publishing staff, editors or officers.

©2020 International Radio Club of America

