



# DX MONITOR

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Seattle deadline for our next issue (V56\_N32) is Monday 05/27/19 1600 – pb

### 2019 IRCA/DecalcoMania Convention

The 2019 IRCA Convention will be held on September 5, 6 and 7 at the Courtyard by Marriott Seattle Southcenter, 400 Andover Park West, Tukwila WA 98188. Registration is Free\*. Banquet (TBA) will be paid for individually by attendees. Guest room rate is \$109 plus tax. Guests are encouraged to share a room and save. Phone number(s) for room reservations are 800-321-2211 or 206-575-2500. You must mention International Radio Club of America Convention to get this rate. Hotel is 2 miles east of Sea-Tac Airport. There is also an Amtrak station in Tukwila just Northeast of the hotel. Parking at hotel is free. There are many restaurants and stores nearby and inside the hotel. Other amenities include business center, pool, free Wifi, etc.... Visitor's bureau is online at [visitseattle.org](http://visitseattle.org). Your host for this event is Mike Sanburn: [mikesanburn@hotmail.com](mailto:mikesanburn@hotmail.com)

\* Non IRCA members will need to pay a convention registration fee of \$25. Folks can join IRCA for \$5 (\$0 for renewals).

Here is the reservation link your guests can use to make online reservations: [https://www.marriott.com/meeting-event-hotels/group-corporate-travel/groupCorp.mi?resLinkData=International%20Radio%20Club%20of%20%20America%5Eeasac%60IRCA%60109%60USD%60false%603%609/5/19%609/8/19%608/15/19&app=resvlink&stop\\_mobi=yes](https://www.marriott.com/meeting-event-hotels/group-corporate-travel/groupCorp.mi?resLinkData=International%20Radio%20Club%20of%20%20America%5Eeasac%60IRCA%60109%60USD%60false%603%609/5/19%609/8/19%608/15/19&app=resvlink&stop_mobi=yes). If you have questions

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or need help with the link, please do not hesitate to ask. We appreciate your business and look forward to a successful event. Individuals may also call toll free, 1-800-359-8233, refer to group code "IRC".

A website of interest to anyone planning to attend the convention via Mike Sanburn: [www.seattlesouthside.com](http://www.seattlesouthside.com)

From **Mark Durenberger**: IRCA Seattle is becoming a "must-attend" if you're interested in the latest DX practices and technologies including hot-rodged portables and FSL antennas; Ultralights and air-port friendly "super-signal-seekers." An expanded session will drill down into solid phasing methodologies. We'll learn of tools for prediction of "Over-the-Pole" reception and we'll discover how they do DX in Japan. We'll share in the success of the Rockworks adventurers and evaluate loops-on-the-ground as simple stealth antennas. And we're planning group discussions as well. Please plan to join us... for learning and sharing!



**IRCA ELECTIONS – Nick Hall-Patch – 1538 Amphion St – Victoria BC Canada V8R 4Z6**  
Email: [nhp@ieee.org](mailto:nhp@ieee.org)

### IRCA GENERAL ELECTION 2019 RUNOFF

There was a four-way tie for three remaining positions in the recent elections for IRCA Board of Directors. According to IRCA's Constitution and Bylaws, it is necessary to provide a brief runoff ballot to decide which three of those four candidates will be of the IRCA Board of Directors from Sept 15 2019 through Sept 14 2021.

Any candidate statements can be viewed again at: [https://www.ircaonline.org/editor\\_upload/File/peachescream/Vol\\_56\\_No\\_27.pdf](https://www.ircaonline.org/editor_upload/File/peachescream/Vol_56_No_27.pdf)

Please cast your vote over the next two weeks.

Nick Hall-Patch – ECC Chair (once again, the ballot is after the back page – pb)



**BROADCASTING INFORMATION – Robert J Wien – 14051 Belle Chasse Blvd #415 – Laurel MD 20707**  
Email: [wienbob@aol.com](mailto:wienbob@aol.com) Phone: 301-477-3733 Column Deadlines: Saturdays

DATE OF COLUMN: May 04 2019, Column data span: April 20-May 04 2019, Data courtesy of [Stationintel.com](http://Stationintel.com), FCC database and member contributions.

### CALL CHANGES

FREQ	OLD CALL	CITY OF LICENSE	NEW CALLS
1420	KJDL	Lubbock, TX	KWBF
1440	WNYG	Medford, NY	WLIM
1580	WLIM	Patchogue, NY	WNYG

### FORMAT, SLOGAN AND SILENT STATUS CHANGES

FREQ	CALL	CITY OF LICENSE	NEW INFORMATION
680	KKGR	East Helena, MT	was oldies, now classic hits, old slogan: "Good Times, Great Oldies", new: "Helena's Greatest Hits"
690	WZAP	Bristol, VA	old slogan: "Music For Life 690", new: "93.3 FM WZAP Music For Life"
910	WALT	Meridian, MS	old slogan: "TalkRadio 102.1", new: "Talk Radio 102.1"
940	KWBY	Woodburn, OR	was regional Mexican, now La Estacion De Familia Spanish contemporary Christian, old slogan: "La Pantera KWBY", new: "La Estacion De La Familia"
1000	WCMX	Leominster, MA	was silent, now contemporary Christian, adds slogan: "The Power"
1030	WNOW	Mint Hill, NC	now silent
1060	WIXC	Titusville, FL	was news/talk, now ESPN Deportes Sports Radio Network
1130	KSDO	San Diego, CA	adds slogan: "Inspiration Radio"
1190	WBHA	Wabasha, MN	old slogan: "1190 AM WBHA – The Valley's Hottest Country", new: "WBHA 1190 AM and 99.7 FM"
1230	WCBT	Roanoke Rapids, NC	was sports, now urban gospel, R&B oldies
1240	KJAA	Globe, AZ	was silent, now oldies, adds slogan: "Juke Box 1240"
1250	KCUE	Red Wing, MN	old slogan: "Bluff Country", new: "KCUE 1250 AM and 89.9 FM"
1270	WJJC	Commerce, GA	now silent
	WMLC	Monticello, MS	was urban gospel, now new unknown format
1300	WWCH	Clarion, PA	old slogan: "Radio 13", new: "The Goat 1300 AM/94.1 FM"
1320	KNIT	Salt Lake City, UT	was silent, now religious teaching, adds slogan: "Praise Live"
1340	WAML	Laurel, MS	was urban gospel, now new unknown format
	WLVL	Lockport, NY	changes from Westwood One NBC Sports Network to Fox Sports Radio
1390	KLTX	Long Beach, CA	old slogan: "Radio Nueva Vida", new: "Inspiration Radio"
1450	WHTC	Holland, MI	was talk, now news/talk

1460	KCKX	Stayton, OR	was regional Mexican, now La Estacion De Familia Spanish contemporary Christian, old slogan: "La Pantera KWBY", new: "La Estacion De La Familia"
1460	KKOY	Chanute, KS	was news/talk, now classic country, adds slogan: "Your Country"
1500	WGHT	Pompton Lakes, NJ	was classic hits, now talk, variety
1520	WLUV	Loves Park, IL	old slogan: "Love Radio", new: "Luv Radio"
	KZOY	Sioux Falls, SD	was 80's hits, now adult hits
	KQQB	Stockdale, TX	now silent

**MEMBER CONTRIBUTIONS**

**Mike Sanburn** of Bellflower CA sends along the following from **Karl Zuk** of Katonah NY, via the IRCA eGroup re WRCR-1700 Ramapo NY dated 4/28/19:

WRCR 1700 has returned to the air after many months of silence. It is currently operating with an STA with 2500 watts day/250 watts night using a long wire antenna (much like an inverted L) hung from a local communications tower. See if you can hear it... playing oldies pop music non-stop.

**Mike Sanburn** sends along the following from **Joe Miller** of Desert Hot Springs CA via the IRCA eGroup, via Radio Digest and the ARRL Letter, dated 4/25/19:

\*Technology\* FCC Asked to Allow All Digital Transmissions on AM Band

According to "Radio World" <https://www.radioworld.com/news-and-business/business-and-law/bryan-broadcasting-asks-fcc-to-allow-all-digital-am>, a prominent advocate for the Standard Broadcast Band (AM band) has petitioned the FCC to allow stations to use all-digital transmissions in the US. In March, Bryan Broadcasting Corporation asked the Commission to initiate a proceeding to authorize the MA3 primary all-digital service mode for any AM station that chooses to do so. Bryan is the licensee of four AM and five FM stations (and six FM translators) in central Texas. All HD Radio receivers in the market that have AM functionality would be able to receive such all-digital signals, the article explains, but legacy AM receivers would not. Since last summer, WWFD in Frederick, Maryland, has had special temporary authority to broadcast in all-digital. The Bryan petition appears to be the first to seek all-digital authority. The petition said the broadcast industry's experimentation with an all-digital approach "could be accelerated by actually allowing stations to fully switch to MA3; actual experiential knowledge by stations that elect to switch will provide economic proof-of-concept for stations that delay in order to see how others fare." The petition also noted discussions that the AM band has "become so overwhelmed by interference and impulse noise that the resultant audio product is rendered unacceptable to modern listeners." The petition said the noise floor generated by unlicensed devices and affecting the AM band "has been noticeable – and increasing – for years." According to the petition, Bryan has tried to quantify the noise floor increase, but that studies have not been undertaken in the US. The petition said experience in other countries suggests a rise from anywhere between 10 dB and 40 dB between the 1970s and the early 2000s."

**Mike Sanburn** sends along the following from **Mark Connolly** of South Yarmouth MA via the IRCA eGroup dated 5/2/19:

This afternoon while at the Bourne MA Market Basket store, I noted long-silent 1390 WPLM back the air. Signal too weak to be 5 kW. Maybe more like 500 watts. Not even as strong as 1430 WKOX, three times farther away in more or less the same direction. Audio sort of wimpy, substandard modulation level and weak on both the bass and treble ends.

**Mike Sanburn** also sends along the following dated 5/3/19:

I have been Emailing back and forth with manager at KJAA 1240 Globe AZ. (Initially asking for some goodies for IRCA Convention). He says that their AM station came back on the air 2/13/2019 but they are on a special half power STA until a new tower gets built sometime later this year. 'Probably explains why I haven't picked them up lately. (KNRY Monterey comes in a lot at night--ditto KJOP).

**Jon Peakins** sends along the following dated 5/3/19:

KDZR-1640 Lake Oswego OR heard May 2 as "AM 1640 The Patriot" and confirmed on new web site [thepatriotportland.com](http://thepatriotportland.com). Still Conservative Talk.

Well, May has finally hit us, no longer April. Was going to celebrate Cinco de Mayo 5/5 but instead fighting a case of the flu and my jaw is also hurting on one side so that could be TMJ, seeing doctor Monday 5/6 for all of it, staying home from work 5/6. DX has slowed down considerably but conditions still aren't bad. Trying to get healthy again to enjoy the May weather, has been quite rainy in the DC area the past week so hopefully the sun can come out some. 73's. Bob Wien



**CANADIAN RADIO NEWS – Dan Sys**  
Email: [sysdan@gmail.com](mailto:sysdan@gmail.com)

For April 2019, May 1 2019:

**OFF THE AIR**

1350 QC Gatineau CHFO Station has gone dark. Unknown if it will return to the air.



**WESTERN DX ROUNDUP – Nancy Johnson – 2922 S Olivewood – Mesa AZ 85212-2923**  
Email: [NancyJohnson@prodigy.net](mailto:NancyJohnson@prodigy.net)

**WDXR DEADLINES:** May 24, June 7, June 21, July 9, August 9, August 23, September 6 and September 20. Please use Eastern Local Time.

**REPORTERS FOR THIS ISSUE:**

- (RB) **Rick Barton**-9444 W. Newport Dr-Sun City AZ 85351 [desertmoon\\_dxshack@inbox.com](mailto:desertmoon_dxshack@inbox.com)  
Panasonic RF-2200, Grundig Satellit 205/variation T.5000, Hammarlund HQ-180A, stock loops and Terk Advantage loop (HQ 180A)
- (JP) **Jon Peakins**-Edmonton AB [jon@peakins.com](mailto:jon@peakins.com)  
Sangean PR-D15 on batteries with internal 200 mm ferrite bar
- (MS) **Mike Sanburn**-PO Box 1256-Bellflower CA 90707-1256 [mikesanburn@hotmail.com](mailto:mikesanburn@hotmail.com)  
Sangean DT 160

- \*\*\*\*\*
- 580 KUBC **CO**, Montrose 5/3 0735 dominant with coverage area promo mentioning Montrose. Checked again at 0740 and just an open carrier with a series of tones repeated several times with long gaps in between. Best guess is an automation error, set to an empty network feed that had nothing scheduled at that time. 5/4 0044 dominant like usual running ad giving seven digit phone number beginning 901, which is a Montrose phone exchange. (JP-AB)
  - KTMT **OR**, Ashland 5/3 0740-0747 initially clear but gradually faded away, running CBS Sports Radio. (JP-AB)
  - 670 WSCR **IL**, Chicago 5/1 0105 strongest ever heard here. KBOI seemed to disappear completely at times with conditions favouring Chicago and Detroit (WJR). (JP-AB)
  - 880 KRVN **NE**, Lexington 4/27 0129 break from Jim Bohannon Show to "Larry's RV in North Platte," other local ad spots. Very solid, S-9+ signal, and NO sign of KHAC. (RB-AZ)
  - 890 ?KYWN? **ID**, Meridian 5/1 0107-0112 continuous Spanish talk by one male speaker, all alone 0108-0110 with antenna between SSE and SE where CJDC and CHQT slop are both weakest. Was looking for WLS as WBBM, WGN and WSCR all had good signals at the time. (JP-AB)
  - 1140 KGEM **ID**, Boise 4/29 2345 long string of local ad and program promos, mentions of area code 208. ID by man on the hour (Midnight Eastern). (RB-AZ)
  - 1150 KEIB **CA**, Los Angeles 5/9 0830 break to Fox network news, strong and steady on HQ-180A, loop. (RB-AZ)
  - 1170 KYET **AZ**, Golden Valley 5/9 2215 ID by man, string of country music hits, a couple of long deep fades but then fading completely out at 2233. (RB-AZ)
  - 1210 KHKR **UT**, Washington 4/29 0759 good with spot for Cedar City Aquatic Center. (MS-CA)
  - KHAT **WY**, Laramie 4/29 0803 ID "KHAT Laramie...New Country 96.7," into C&W song by lady. (MS-CA)
  - 1250 KNEU **UT**, Roosevelt 4/29 0657 ID "FM 93.5 and AM 1250 KNEU," song "Elvira." Some lightening QRN. (MS-CA)
  - 1260 KPOW **WY**, Powell 5/2 0300 male announcer with good ID on the hour, news to "Red Eye Radio" program. Up and over KTRC, hung in for a time, then faded into the mumble rumble. (RB-AZ)

- 1320 ?KOZY? **MN**, Grand Rapids 5/8 0544 briefly dominant with "Spanish Harlem" by Ben E. King under KELO with CHMB nulled as much as possible with antenna just slightly east of south. (JP-AB)  
 CHMB **BC**, Vancouver 5/8 0543-0556 reminded me that ethnic stations sometimes play English language music within their ethnic programming. After a long period of Chinese talk with male and female co-hosts, it was back to back with "Darling, Be Home Soon" instrumental then male vocal pop standard. (JP-AB)
- 1430 KLO **UT**, Ogden 4/21 2130 departure from usual format to special dramatic production with Easter theme. Very strong at local sunset on HQ-180A, Terk loop. (RB-AZ)
- 1580 ?KFCS? **CO**, Colorado Springs 5/4 0050-0052 and 0058-0101 dominant and clear, gone in between, running their new format (thx, Tim Hall) with traditional Mexican songs separated by more than a minute of Spanish talk by male announcer, but no top of the hour ID. (JP-AB)
- 1650 (KFOX) **UT**, Torrance 4/29 0807 OFF THE AIR briefly leaving strong Spanish station (Denver?) (MS-CA)
- 1590 KVGB **KS**, Great Bend 4/28 2333 up over the mumble rumble of the channel, male announcer with dire weather warnings about "80 miles per hour wind gusts" and "large hail," with a list of counties. Stafford, Pawnee, Russell and Barton counties mentioned. On HQ-180A, loop favoring reception from the north. (RB-AZ)
- 1630 XEUT **BCN**, Tijuana 4/24 0200 program with classical music. Heard strong, steady, on RF-2200, stock loop (receiver tuned slightly off band – will cover to 1680). (RB-AZ)
- 1640 KDZR (KBJA) **OR**, Lake Oswego 5/3 0055 ID with now slogan "AM 16-40, The Patriot" and Portland ad at 0104, thanks to KBJA still off air. (JP-AB)  
**UT**, Sandy 5/2 0423-0427 still off the air after lightning hit their tower, leaving KDZR dominant with conservative talk and KDIA occasionally strong enough underneath to hear Bible references by male. Had hoped for KZLS or WSJP but no sign of them, or on earlier checks. (JP-AB)
- 1660 KBRE **CA**, Merced 4/30 0040 hearing of local spots, ID by slogan. (RB-AZ)  
 +5/9 0800 ID by slogan on the hour, two men and woman with Generation-Y style morning talk show. Some long deep fades, good on HQ-180A, loop. (RB-AZ)

Thank you everyone for the WDXR reports! – Nancy 5/10 1700



**CENTRAL DX ROUNDUP – John C Johnson – 2922 S Olivewood – Mesa AZ 85212-2923**  
 Email: [John\\_Johnson@prodigy.net](mailto:John_Johnson@prodigy.net) CDXR reports ONLY: [cdxr@ircanonline.org](mailto:cdxr@ircanonline.org)

#### RIDING GAIN

[EB-MO] **Eric Bueneman**, Hazelwood MO [N0UIHEric@gmail.com](mailto:N0UIHEric@gmail.com)  
 CountyComm GP-5/SSB Ultralight receiver, Grundig AN-200 tunable loop, Yaesu FRG-7, Worcester Space Magnet II

#### DOWN THE DIAL

- 740 KRMG **OK**, Tulsa. 5/6 good signal over CFZM. 0451 noted with "News 102-Three and AM Seven-40 KRMG" ID in promo, local spots and a promo for the stations cell phone app. [EB-MO]
- 940 WFAW **WI**, Fort Atkinson. 5/3 fair to poor signal through KPSZ. 0453 noted with local spots, "WFAW" ID into the *WFAW Community Calendar*. [EB-MO]
- 1070 KFTI **KS**, Wichita. 4/26 fair signal over WDIA, WFNI. 0640 noted with "Classic Country Ten-70" ID into Classic Country format. [EB-MO]
- 1110 KGFL **AR**, Clinton. 5/3 fair to poor signal, mixing with KFAB. 0620 noted with local spots, weather forecast into Oldies format. [EB-MO]
- 1310 WTLC **IN**, Indianapolis. 5/10 fair to poor signal, mixing with WIBA and other stations. 0305 noted with Urban Gospel format, "Not only are we on AM 13-Ten, we're now on 92-point-Seven FM as well; the Light" ID. [EB-MO]
- 1450 KWBE **NE**, Beatrice. 5/10 fair to poor signal, mixing with KMRY and other stations. 0200 poked through with a "KWBE Beatrice" legal ID. [EB-MO]
- 1600 KNWA **AR**, Bellefonte. 5/5 fair to poor signal, mixing with KATZ and WAAM. 0535 with Classic Country format, "Boone County Country" ID. [EB-MO]

#### FLASHBACK

**50 Years Ago – May 17 1969** issue of "DX Monitor" ... **Reid Wheeler** of Walla Walla WA said he was moving to Aberdeen, WA ... **Gene Martin** of Denver CO told of his DX on 1080 after finding KRLD off the air ... **John C Johnson** of Sheridan WY commented on the KTUF 1580 DX Test and hearing **Paul Lotsof** say "...if we can figure out how to turn it on..." // **25 Years Ago – May 14 1994** issue of "DX Monitor" ... **Eric Bueneman** of Hazelwood MO discussed the difficulty in finding a job in broadcasting ... **Karl Zuk** of Croton-on-Hudson NY told about the WOWO 1190 sale to WLIB ... **Mike Hardester** of Jacksonville NC mentioned he was 44 and had joined the IRCA in 1969.

#### OPEN MIKE

Thanks to Eric we have a column this week. This column was typed 5-10-19. 73, John



**EASTERN DX ROUNDUP – Eric Bueneman (N0UIH) – 631 Coachway Lane – Hazelwood MO 63042-1347**  
 Email: [n0uiheric@gmail.com](mailto: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](mailto:paulisnider@yahoo.ca)  
 Elad FDM-S2 software-defined receiver, Pixel RF Pro-1B loop, MFJ-1020C antenna tuner
- (RW-MD) **Robert Wien** (KG6RJW/3), Laurel MD [wienbob@aol.com](mailto:wienbob@aol.com)  
 CCrane CCRadio

#### ACROSS THE DIAL

- 540 WGOP **MD**, Pocomoke City – 5/4 2314 noted with Adult Standards format, "Eastern Shore, 540 WGOP" mention. A fair signal was noted, alone on the channel until WBWD came back on and obliterated the signal. (PS-ON)
- CBK **SK**, Regina – 4/28 0103 noted with CBC News, weather forecast mentioning that snow was expected and Saskatoon into *Saturday Night Blues*. A fair to poor signal was noted; first time noted in London. (PS-ON)
- 740 KRMG **OK**, Tulsa – 5/5 0015 noted with *The Sean Hannity Show*, ads for Juul and Super Beta Prostate, "Tulsa's 24-Hour News, Weather (and Traffic Station, 740 and) 102.3 KRMG" ID. A fair at times to very poor signal was noted, almost over CFZM, slightly behind the station's Tune-In Web stream. I heard reports of them running day pattern and power. (PS-ON) (I'm only 325 miles from Tulsa; KRMG has been taking out CFZM at my location as of late. I also suspect they were running 50,000 watts – eb)
- 860 WSON **KY**, Henderson – 5/5 0108 noted with Oldies format, "96.5 FM" (W243CU Henderson KY – eb) mention at 0113, into a selection from Steppenwolf that matched the station's Web stream at WSON Radio-dot-com, followed by another selection by Bruce Springsteen. A poor to very poor signal was noted, mixing with Radio Reloj (Cuba) and WAOB under CJBC. (PS-ON)
- 930 WPAT **NJ**, Paterson – 4/28 2258 noted with Middle Eastern chanting, "WPAT 930 Paterson" legal ID in English at 2300, local ads in English, back to chanting. A poor to very poor signal was noted, mixing with other stations. (PS-ON) (Sounds like a Holy Koran broadcast – eb)
- 1080 WOKT **KY**, Cannonsburg – 5/9 2312 noted on after sunset with a Christian Contemporary Hit Radio format, "Walk-FM" ID at 2313 into another music set. A fair at times to very poor signal was noted, mixing with WKJK and WTIC. (PS-ON)
- 1110 WJSM **PA**, Martinsburg – 4/30 2312 noted on after sunset with Christian music, "On the Inspiration" mention before cutting off message at 2317; a hymn by the Billy Graham Crusade Choir at 2324, really cutting through WBT. No ID was heard; confirmed via Simple Radio Web stream. A fair at times to very poor signal was noted, mostly under WBT. (PS-ON)
- 1320 WILS **MI**, Lansing – 4/27 2358 noted with multiple "WILS" IDs including mention of "Compelling Talk Radio WILS". Another WILS ID by a female announcer at 0005 4/28 into weather forecast with a possible mention of snow showers. A poor to very poor signal was noted, mixing with CJMR, WJAS and other stations. (PS-ON)
- 1400 WHBG **PA**, Harrisburg – 4/25 1857 noted with "on CBS Sports Radio, WHGB Harrisburg" legal ID by a male announcer. The signal was noted mixing with WINC and unidentified stations with vocal music, a baseball game, Christian teaching, Oldies and vocal Gospel music. (KK-VA)



- 1410 WHLN **KY**, Harlan – 4/25 1951 noted with “This is the Station Where You’ll Find All of Your Favorite Artists. We’re 1410 WHLN, Playing the Best of the ‘80s, ‘90s and Now” ID by a female announcer. The signal was noted mixing with CJWI, WDOV, WING, WPOP and an unidentified Spanish language station. (KK-VA) (The only Spanish stations east of the Rockies listed on 1410 in the NRC Log are KHCH Huntsville TX, which is on the Radio Amistad network, and WRSS San Sebastian PR – eb)
- 1420 WBEC **MA**, Pittsfield – 4/25 2101 noted with “...at 5:00, right here on WBEC. Boston Red Sox baseball on WBEC AM 1420” mention by a male announcer. The signal was noted mixing with WKCW, WHK and an unidentified station carrying a baseball game; a new station in the log. (KK-VA)
- 1440 WNPV **PA**, Lansdale – 4/25 2007 noted with Philadelphia Phillies baseball PBP, “1440 WNPV” ID by a male announcer. The signal was noted mixing with WAJR, WFNY and WHKZ. (KK-VA)

#### UnID/UnID HELP

- 1320 WVNZ **VA**, Richmond – In reference to Kraig Krist’s unidentified station in DXM 56-30: Based on their Web site at Boomtown Richmond-dot-com, they are still Oldies with the calls WVNZ. I looked up WVTF; they are on 89.1 FM in Richmond according to their Web site, WVTF-dot-org. They are an NPR member station and not affiliated with WVNZ. I see no call changes for either station recently, either. I usually get (WJAS) Pittsburgh here on 1320; I have not heard Richmond yet despite being only 200 miles away. (RW-MD)
- 1380 UnID 5/7 0325 briefly on top of others with a possible “Classic Rock 94.3 and 1380 AM” ID. I think it was 94.3, but it could have been 98.3 as well; I couldn’t really find anything that fits. The antenna heading was looping east-west which would roughly fit a West Virginia loop bearing. It’s possible I was hearing WMTD; any other thoughts? (RW-MD)
- 1400 UnID 4/25 2100 noted with “BCD” in Morse Code. I’m not sure as to what I’m hearing. The signal was noted mixing with WHGB, WINC and unidentified stations with vocal music, a baseball game, Christian teaching, Oldies and vocal Gospel music. (KK-VA)

#### EDITOR’S NOTES

Thanks to Kraig, Paul and Bob for their logs in this issue. Remaining deadlines for Volume 56 are 5/24, 6/7, 6/21 and 7/5 at 2359 ELT. 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

Deadline – Monday 1200 UTC.

#### \*\*\* TRANS-ATLANTIC DX \*\*\*

- 531 **ALGERIA** Jil FM, F'kirina Wilaya d'Oum El Bouaghi. APR 26 0100 – 2+2+1 pips, Jil FM ID by man, Jil FM jingle, dance music; fair. {A} [MC-MA]
- 612 **MOROCCO** SNRT Al-Idaa al-Watania, Sebaa-Aioun. APR 30 0100 – Rhythmic music, Arabic talk by man; poor to fair. {A} [MC-MA]
- 828 **SOUTH AFRICA** Magic 828, Klipheuwel/Blaauw Blomme Kloof Farm. APR 28 0355 – R&B group male vocal //web; poor. Web audio is inserted seconds 39 to 58 of audio clip. Thanks to Bill Whitacre and Neil Kazaross on RealDX forum for recording review. {A} [MC-MA]
- 855 **SPAIN** RNE1, Murcia et al. APR 26 0000 – 5+1 pips, time check, intro fanfare, man "Radio Nacional de Espana, servicios informativos"; fair. {A} [MC-MA]
- 864 **EGYPT** Holy Koran Program, Santah. APR 26 0001 – Koranic vocal; fair. {A} [MC-MA]
- 1107 **SPAIN** RNE5 synchros. APR 26 0300 – Jazz, 5+1 pips, time check, intro fanfare, man "Radio Nacional de Espana, servicios informativos"; good. {A} [MC-MA]
- 1215 **UNITED KINGDOM** Absolute Radio synchros. APR 30 0400 – Absolute Radio app advert; fair. [MC-MA]
- 1530 **SAO TOME E PRINCIPE** VOA, Pinheira. APR 30 0400 – "This is VOA news", item about Islamic State; to good peak, dominant. {A} [MC-MA]
- 1566 **BENIN** TWR Africa, Parakou/Sérarou. APR 30 0400 – Segment of Hallelujah Chorus; briefly above the slop. {A} [MC-MA]

#### \*\*\* TRANS-PACIFIC DX \*\*\*

- 531 **JAPAN** JOQG, Morioka, NHK1. APR 3 1319 – Fair with man talking //594. Also at this level APR 6 1307. [NHP-BC]
- 540 **JAPAN** NHK1 synchros. APR 3 1320 – Poor with wild sounding sports? announcer //594; a bit of a surprise, dominating the channel. [NHP-BC]
- 558 **REP KOREA** HLQH, Yeong-il, KBS2. APR 2 1310 and 1314 – Poor with ballad briefly //603. [NHP-BC]
- 567 **JAPAN** JOIK, Sapporo, NHK1. APR 6 1316 – Excellent with man talking //594. For a second tier station, this can really jump at times. [NHP-BC]
- NEW ZEALAND** Wellington, Radio New Zealand National. APR 21 1212 – Poor with pop vocal //756. [NHP-BC]
- 576 **AUSTRALIA** 2RN, Sydney. APR 24 1244 – Poor with man talking //585, but with some offset. [NHP-BC]
- 585 **AUSTRALIA** 7RN, Hobart. APR 19 1300 – Poor with ABC fanfare, man with ABC news. [NHP-BC]
- JAPAN** JOPG, Kushiuro, NHK1. APR 3 1319 – Fair with man talking //594. [NHP-BC]
- 594 **AUSTRALIA** 3WV, Horsham. APR 21 1250 – Poor with man talking, DU English intonation //774. [NHP-BC]
- 603 **REP KOREA** HLSA, Seoul, KBS2. APR 6 1300 – Good with KBS jingle just before hour, but just after the hour, it got to this level, and was //558 at a couple of points also. [NHP-BC]
- 639 **JAPAN** JOIP, Oita, NHK1. APR 3 1313 – Poor with woman and man talking //594. [NHP-BC]
- JAPAN** JOPB, Shizuoka, NKH2. APR 6 1309 – Poor with woman talking //774. By 1319, JOIP was dominant //594 with man talking, but soon taken over again by JOPB. [NHP-BC]
- 675 **NEW ZEALAND** Christchurch, Radio New Zealand National. APR 23 1253 – Poor with woman talking, DU English //756. [NHP-BC]
- 693 **JAPAN** JOAB, Tokyo, NHK2. APR 6 1307 – Excellent with language lessons actually drowning out the CBU-690 splatter at times. [NHP-BC]
- 702 **JAPAN** JOKD/JOFB, Kitami/Hiroshima, NHK2. APR 23 1233 – Fair with woman talking //774. [NHP-BC]
- 711 **REP KOREA** HLKA, Seoul. APR 4 1315 – Poor with man talking, //864. [NHP-BC]
- 756 **NEW ZEALAND** Auckland, Radio New Zealand National. APR 23 1254 – Fair with woman in DU English //675. [NHP-BC]
- 774 **AUSTRALIA** 3LO, Melbourne. APR 21 1250 – Poor with man talking, way under JOUB mostly, but parallel with 594... roughly, because of time offset, but under a second. [NHP-BC]
- 846 **JAPAN** NHK1 synchros. APR 4 1312 – Poor with woman talking //594. [NHP-BC]
- 864 **REP KOREA** HLKR, Gangneung, KBS1. APR 4 1315 – Poor with man talking //711. [NHP-BC]
- 945 **CHINA** Jiaohe, CNR1. APR 22 1232 – Poor with man talking, (somewhat) //981, though with over one second delay. [NHP-BC]
- 981 **CHINA** CNR1 synchros. APR 20 1231 – Fair with man in Chinese bouncing through during a lighter portion of the 980 splatter. [NHP-BC]
- 1017 **CHINA** Changchun, CRI. APR 8 1310 – Fair with woman and man in Korean; no shortwave // available. [NHP-BC]
- 1143 **TAIWAN** Baisha, BEL3. APR 15 1254 – Bit of a surprise, man in Chinese //738 (which was considerably weaker). [NHP-BC]
- 1323 **CHINA** Shuangyashan, CRI. MAY 9 1204 – Man and woman in Russian at fair strength for a short time. Quite late in the season for any sort of showing from this one, and in fact, there was poor audio on 945, 1206 and 1593 around the same time, tentatively Chinese also. [NHP-BC]
- 1548 **AUSTRALIA** 4QD, Emerald. APR 3 1327 – Poor with man talking //612, but lagging 612 by over a second. [NHP-BC]
- 1593 **CHINA** Changzhou, CNR1. APR 3 1313 – Good with man in Chinese; assumed as no parallels. [NHP-BC]

#### \*\*\* PAN-AMERICAN DX \*\*\*

- 610 **BRAZIL** ZYL268, Radio Itatiaia, Belo Horizonte. APR 26 0000 – Portuguese talk by man, Itatiaia ID; slightly under WGIR. {A} [MC-MA]
- 660 **CUBA** Radio Progreso, Jovellanos. APR 25 0300 – Old-style male vocal //640, then woman in Spanish; evenly mixed with WFAN. First 17 seconds of audio clip is 640, remainder is //660. {A} [MC-MA]
- 760 **BRAZIL** ZYH588, Radio Uirapuru, Fortaleza. APR 26 0000 – A Voz do Brasil program intro; dominant. {A} [MC-MA]
- 810 **CUBA** Radio Progreso, Guantánamo. APR 30 0400 – Woman with Radio Progreso ID, jazz, deep voiced male announcer; in even mix with WGY. Bahamas not noted. [MC-MA]
- 850 **COLOMBIA** HJKC, Candela 850, Bogotá. APR 26 0001 – Candela mention in Spanish talk by man; under WEEI. {A} +APR 28 0400 – Vocal sometimes over WEEI. {A} [MC-MA]
- 900 **CUBA** Radio Progreso, San Germán-Urbano Noris. APR 30 0400 – Cuban anthem, Progreso ID; way over CHML. {A} [MC-MA]

## CONTRIBUTORS

MC-MA **MARK CONNELLY**, WA1ION, South Yarmouth, Cape Cod MA (GC= 41.6931 N/70.1912 W) (grid FN41vq)  
NOTE: {A} in entry indicates that audio can be accessed from link on the following page: [http://www.qsl.net/wa1ion/doc1/audio\\_2019.htm](http://www.qsl.net/wa1ion/doc1/audio_2019.htm)  
Receiver: Elad FDM-S2  
Antenna: Cardioid-pattern SuperLoop: 9m vertical by 20m horizontal (peak 84 degrees, null 264 degrees)

NHP-BC **NICK HALL-PATCH**, Victoria BC [nhp@ieee.org](mailto: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, DX-P-3 phasing unit.

Many thanks to Mark and Nick for this week's logs! 73 and Good DX, Brandon



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

Deadlines: 5/27, 6/10, 6/24, 7/15 and 8/12

**Jon Pearkings**, Edmonton, Alberta [jon@pearkings.com](mailto:jon@pearkings.com)

Glen Livingstone passed away on May 6th only a few days after being diagnosed with cancer that had already spread to the liver. He was a founding member of the Burnaby DX Club (BDXC) in 1966, and, I believe, he joined the IRCA a few years later. His passion for radio turned into a career at CKNW/CFMI-FM in Vancouver from 1972-1999, where he quickly made his home in the Production Control Room and was soon considered Vancouver's Best Radio Production Guru. Fortunately, I got a chance to meet Glen recently, a half century after our last conversation. More recently, he attended a radio get-together in Vancouver, the first in a long time for Glen, who was a very private person. The tributes are already coming from some of Vancouver's best known broadcasters. 73, Jon

**Glenn Hauser**, PO Box 1684, Enid, Oklahoma 73702 [wghauser@yahoo.com](mailto: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.

First batch this time, 540-820 all are from MEXICO:

540, April 26 at 1126, potosina ads, ie XEWA SLP (I was also hearing it after 0500 NA with "Los Cuarenta" slogan.). Nulling this at 1126, I have another Mexican, no doubt XETX Chihuahua which typically dominates a bit later.

540, April 29 at 1129, Mexican NA from WSW, different version choral with band and heavy drumming, and an odd time for it too, perhaps its sign-on. 1130 no ID but immediate prayer to Jehová, woman solo hymn? to mi ciudad, finally 1135 full ID for XETX, La Ranchera de Paquimé, street address in Nuevo Casas Grandes, Chihuahua, also FM 90.5, Grupo BM Radio, another informal slogan preceded by "La Mera Mera..."

550, April 26 at 1127, Mexican music loops WSW, which would be XEPL, Cuauhtémoc, Chihuahua, the only N/W Mexican, dominating for now before KFRM overtakes.

570, April 29 at 1102, choral multiverse NA from SSW, until 1105 fades for ID but Monterrey mentioned, ie XEBJB.

570, May 2 at 1105, dominant signal is Spanish from the south, religious program, woman with American accent mentions "Bible church", man with not, plugging a bunch of meetings/revivals? With specific home addresses in San Antonio TX, Salinas, El Centro and several other places in California, from one evening to the next from April 26? to May 5. By 1122 predicating with frequent keyword "restauración" à la previous owner of KVOH. Wondered if KLIF had gone the way of KEXB, flipped to partial Spanish gospel huxtering, but think it better-just-be XEBJB Monterrey NL, which despite a "regional mexicana" music format is aka, "Nueva Vida" which of course connotes religion, at least at this daypart.

Raymie Humbert recently compiled a list of stations with religious concessions, but not including XEBJB; in Monterrey on AM, only 1140 XEMR.

580, April 29 at 1100, man and woman newscast including F and C weather for the frontera, Piedras Negras; holding its own against opposite WIBW Topeka, making 63/minute SAH = 1.05 Hz. Obviously "XEMU", new legal call of which is XELRDA standing for La Ranchera Del Aire.

590, May 2 at 1119, music and ads, 590 frequently plugged, finally "abrosita" slogan heard, which = XEPH, 25/10 kW in México CDMX, rather than something closer like XEFD in Tamaulipas.

610, April 29 at 1104, Coahuila mentioned, Grupo M(?) Radio. I would assume XEBX Sabinas, but it's thought to have moved to FM 105.9 with 610 deleted from WRTH 2019. <http://www.radioxebx.com/> is merely under construction as "La Primera" on 105.9 AND 610. There has been a CP for another Coahuilan on 610, XESORN in Saltillo to replace XESAC which is definitely gone. Must monitor 610 again closely.

Raymie Humbert, AZ replies April 29 on the WTFDA Forum: "The Grupo M station is XESORN, which went on the air late last year. XHBX-FM is owned by GRD, not Grupo M. The signal you received was XESORN."

610, May 8 at 1123 Banda music from SSW, 1126 DJ salutes listener Amanda, now loops SW, but really same station? 1130 choral NA, another one like 540 XETX playing it at this odd time. XESORN?

650, April 25 at 1155, 10 minutes after Enid sunrise, Mexican music and Spanish, fast SAH, presumed the usual SRS dominator XETNT, Los Mochis, Sinaloa. Faded by 1200.

650, April 26 at 1128, NO signals at all on 650, nor any XE on 610, sibling station to XETNT, XEGS Guasave, Sinaloa. Strange, and wondering if these too are giving up on MW. Both are supposed to be 24h per 2018 IRCA Mexican Log.

650, April 29 at 1100, no signal yet, but recheck 1108, now Mexican music from southwest and 1111 'Buenos Días, Yarderos', well-known wakeup show from XETNT, Radio 65 although neither call nor slogan heard today. DJ mixes in plugs for local mercados in Los Mochis, Sinaloa; 1137 greeting listeners by name still in BDY show. Still no sign of sibling station XEGS Guasave, although more QRM on 610 from KCSP, and Coahuila earlier. At ToH 1200 the two used to join for newscast, too late now.

So XETNT is definitely still on AM. Replying April 26 to my previous non-log, Raymie Humbert in AZ on the WTFDA Forum:

"XETNT should never have stayed on past a year; it was not the Mochis station with a continuity obligation. (That would be 540 XEHS-AM, on the air for the benefit of 27,552 people.) On the other hand, XEGS is continuity obligated. More than 21,000 people depend on it for their only radio service. Most continuity obligation stations are on low frequencies. There's still the chance, of course, someone wants to run a social AM radio station and assumes the continuity obligation. That's happening with XEEJ Puerto Vallarta, which will soon yield to a new station XECSBK on 650. Other frequencies that are part of continuity obligations are being advertised the same way."

660, May 8 at 1116, Radio Vida ID in passing, phone(?) number 17-29-12, approx. from south; seems like a Mexican but none known by this name. Of course could be a program name, likely Christian. Usual 660s here are XEEY in Aguascalientes and XEDTL in CDMX. Per NRC AM Log, the only USA Spanish on 660 is 75-watt Radio Zion in Oregon. No, KSKY sked remains in English.

710, April 26 at 1136, "primera edición" of newscast from BM Radio, ie XEDP, Cuauhtémoc, Chihuahua; not off-frequency this time. 1151 news of marijuana bust in Delicias, citing grams, then mentions Oclajoma!

710, April 29 at 1113, gravely Low-German preacher, his home on XEDP Ciudad Cuauhtémoc, Chihuahua, not off-frequency today; by 1138 back to Spanish with regional weather, 5:39 TC, plugs its whatsapp link, details of a fatal DUI – conduciendo borracho? traffic accident.

710, May 8 at 1113, the Low German preacher is instead speaking acceptable Spanish this time on XEDP Ciudad Cuauhtémoc, Chihuahua. This one has no problem around SRS surpassing KGNC Amarillo in similar direction, or KCMO KC, MO.

780v, April 29 at 1116, semi-local KSPI Stillwater music carefully nulled, for Spanish producing low audible heterodyne (but not as bad as 740 KRMG torn up by XEQN Torreón), mentions Monclova, ads, something on carretera 30 which runs roughly between Monclova and Torreón, and CCI from another XE, 1118 fade-out. So it's XEWGR in Monclova.

800, April 26 at 1128, ad for Laboratorios Camacho from Los Ángeles, ie one of the major advertisers on XEROK Juárez; with KQCV OKC easily nulled. But a few minutes later XEROK has vanished, and is normally inaudible at night.

800, May 8 at 1110, Laboratorios Camacho infomercial, loud and in the clear from XEROK, as KQCV OKC is unusually absent!

820, April 29 at 1141, slow SAH against WBAP nulled for "Canal 800-20, ABC Radio" IDs between guitar songs, again at 1143 by when it's dominating WBAP, ie XEABCA, Mexicali BCN. No storm noise on band this morning, the lightning having migrated from KS last night to the dayside in MO; also a storm around Yuma, but not bothering this station.

Awake briefly after 1100 May 3, checked for pre-sunrise Mexicans on lowband MW, but nothing to be heard unlike yesterday on 570 and 590, and many more on April 29, 26. How drastically conditions may change.

OKLAHOMA. 800, May 8 at 1110, KQCV OKC is off the air! So no need to null it for XEROK. By 1132 recheck, KQCV is back on with some ministry plugging an African cruise.

930, April 29 at 1145-1148, WKY in a promotional loop with slight variations, slogans by woman such as "La casa de deportes en Oklahoma City" (or would that be "caza"?), also plugging ESPN, Oklahoma City Thunder, call letters always in English, mixed with SFX, yelling.

USA. 1130, May 4 at 2055, KLEY Wellington KS is off the air again; first noted absent May 3 circa 2345, much pre-sunset. Before then had not noticed any transmission problems.

UnID. Trans-Pacific JBA MW carrier search, April 29 at 1121-1128, before LSR of 1141 here: 774, 756-WSW, 747, 702-WSW(2), 675-WSW, 657-WSW, 612-WSW, 846-WSW, 882-WSW(2), 1035-WSW, 1098-W. The ones without a DF I could not be sure of maybe both WSW and NW.

GUATEMALA. 4055, Sunday May 5 at 0544, TGAV is off already rather than usual ~0610v\* except earlier circa 0400 Mondays.

4055, May 11 at 0606, Radio Verdad/Truth sign-offs in Spanish, English, German, Italian, Swedish?, Japanese... as I then doze off. At least in Spanish and English, claims to be on "4.05 MHz"! Also gives PO Box 5, Chiquimula address, despite having asserted for a few years that they have \*no\* postal service in Guatemala, so all contacts must be by Email, including e-QSLs only. Has anyone tried postal mail to them lately, and what happened? Returned as undeliverable?

USA. 4102.8-CW, May 11 at 0603, weather beacon W is JBA, from somewhere in the SW desert; with various beep combos and the only ID as W periodically.

CUBA. 5025, May 11 at 0600, Radio Rebelde is S9 of dead air. Something's always wrong at RadioCuba.

USA. 5085, May 4 at 2330-2400 approx, WTTWW-2 with 'Theater Organ in the Ozarks' confined about to nominal slot; toward the end heard some of it on stereo webcast, which was running about 5 seconds \*ahead\* of SW.

USA. 5085, Saturday May 11 at 2340, 'Theatre Organ in the Ozarks' finally starts late after some ham stuff run over on WTTWW-2: I immediately start listening to stereo webcast instead. Bob Heil says he is in Pleasant Hill, Missouri, in the Ozarks. Really? That town is a suburb just SE of Kansas City. Boundaries of Ozarks are certainly indistinct, but most maps show nowhere near this place, beyond south/central Missouri. Maybe it's just his Ozarks "state of mind". And runs 35 minutes until 2415, back to ham stuff starting with hard-sell ad by Ted, tune out/turn off.

BTW, although I have not mentioned them lately, 5085 is still/always accompanied by those weak parasitic spurs circa 5072.1 and 5097.9, ie plus and minus 12.9 kHz.

Until the next, Best of DX and 73 de Glenn



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

Welcome to another edition of SportChannels! Baseball season is under way, and we're now featuring the Major League Baseball network lists. We are featuring the network lists from the American League West and the National League West. The National League West is the division in which the defending National League champion Los Angeles Dodgers play in. Flagship stations are in **boldface** type, Korean language stations in **boldface italics**.

#### AMERICAN LEAGUE – WESTERN DIVISION

**HOUSTON ASTROS** Robert Ford, Steve Sparks, Web: [astros.com](http://astros.com)

<b>AM</b>	1280 KWHI Brenham, TX	1590 KGAS Carthage, TX	98.3 KULM Columbus, TX
710 KURV Edinburg, TX	1290 KIVY Crockett, TX	1590 KLRK Mexia, TX	98.9 K255AR Madisonville, TX (1)
<b>740 KTRH Houston, TX</b>	1300 KSYB Shreveport, LA	1600 KOGT Orange, TX	<b>99.1 KODA-HD2 Houston, TX</b>
760 KTKR San Antonio, TX	1310 KEZM Sulphur, LA	<b>FM</b>	100.7 KASE-HD2 Austin, TX
<b>790 KBME Houston, TX</b>	1330 KTON Cameron, TX	92.7 KASR Villonia, AR	101.3 K267AI Moody, TX (4)
910 WUBR Baton Rouge, LA	1340 KKAM Lubbock, TX	92.7 KIVY-FM Crockett, TX	102.9 K275AS Crockett, TX (5)
910 KNAF Fredericksburg, TX	1340 KVNN Victoria, TX	<b>93.7 KQBT-HD3 Houston, TX</b>	103.7 KLWB Carencro, LA
1220 KMVL Madisonville, TX	1400 KBYG Big Spring, TX	94.1 KTRG Hooks, TX	103.9 KMHT-FM Marshall, TX
1220 KM2XVL Huntsville, TX (1)	1410 KDBS Alexandria, LA	<b>94.5 KTBZ-HD2 Houston, TX</b>	104.1 KLCJ Oak Grove, LA
1230 WBZT West Palm Beach, FL	1440 KETX Livingston, TX	94.7 K234CY Alexandria, LA (2)	106.3 K292FE Big Spring, TX (6)
1230 KSIX Corpus Christi, TX	1450 KMHT Marshall, TX	97.5 K248CU Austin, TX (3)	
1260 KSML Diboll, TX	1470 KWRD Henderson, TX	98.1 KTLT Anson, TX	

Relays: 1) KMVL 1220, 2) KDBS 1410, 3) KASE-HD2 100.7, 4) KLRK 1590, 5) KIVY 1290, 6) KBYG 1400

**LOS ASTROS DE HOUSTON** Francisco Romero, Alex Treviño, Web: [astrosdehouston.com](http://astrosdehouston.com)

**850 KEYH Houston, TX** 101.7 KNTE Bay City, TX (simulcast)

**LOS ANGELES ANGELS OF ANAHEIM** Terry Smith, Mark Langston, Web: [angels.com](http://angels.com)

<b>AM</b>	910 KMPS Hesperia, CA*	1490 KMET Banning, CA	102.7 K274DA Thousand Palms, CA
710 KSPN Los Angeles, CA	1010 KXPS Thousand Palms, CA	<b>FM</b>	(2)
<b>830 KLAA Orange, CA</b>	1240 KLOA Ridgecrest, CA	98.1 K259BJ El Centro, CA (1)	

Relays: 1) KMET 1490, 2) KXPS 1010, Note: \* denotes Angels' list has old call KRAK

**LOS ANGELS DE LOS ANGELES Y ANAHEIM** José Tolentino, Web: [angelsbeisbol.com](http://angelsbeisbol.com)

1220 KTMZ Pomona, CA (simulcast) **1330 KWKW Los Angeles, CA**

**OAKLAND ATHLETICS** Ken Korach, Vince Cotroneo, Ray Fosse, Web: [athletics.com](http://athletics.com)

<b>AM</b>	1230 KDAC Fort Bragg, CA	1440 KVON Napa, CA	<b>FM</b>
790 KPFT Clovis, CA	1240 KPOD Crescent City, CA	1490 KBLF Red Bluff, CA	103.9 K280GP Bridgeport, CA (1)
<b>860 KTRB San Francisco, CA</b>	1270 KXBX Lakeport, CA	1490 KRKC King City, CA	104.5 K283CM Auburn, CA (2)
950 KAHI Auburn, CA	1340 KATA Eureka, CA		104.7 K284CL Red Bluff, CA (3)
970 KESP Modesto, CA	1400 KNRO Redding, CA		104.9 K285FW King City, CA (4)
1140 KHTK Sacramento, CA	1410 KMYC Marysville, CA		106.7 K294CX Crescent City, CA (5)

Relays: 1) KNRO 1400, 2) KAHI 950, 3) KBLF 1490, 4) KRKC 1490, 5) KPOD 1240

**LOS ATLÉTICOS DE OAKLAND** Amaury Pi-González, Manolo Hernández-Douen, Web: [losatleticos.com](http://losatleticos.com)

990 KATD Pittsburg, CA (simulcast) **1010 KIQI San Francisco, CA**





**SEATTLE MARINERS** Rick Rizzis, Aaron Goldsmith, Web: mariners.com

**AM**  
 550 KTZN Anchorage, AK  
**710 KIRO Seattle, WA**  
 750 KXTG Portland, OR  
 800 KINY Juneau, AK  
 840 KMAX Colfax, WA  
 900 KKRT Wenatchee, WA  
 920 KXLY Spokane, WA  
 930 KTKN Ketchikan, AK

1020 KWIQ Moses Lake North, WA  
 1030 KMAS Shelton, WA  
 1040 CKST Vancouver, BC  
 1170 KPUG Bellingham, WA  
 1230 KIFW Sitka, AK  
 1240 KSAM Whitefish, MT  
 1240 KEJO Corvallis, OR  
 1240 KTIX Pendleton, OR  
 1240 KXLE Ellensburg, WA

1300 KLER Orofino, ID  
 1320 KGDC Walla Walla, WA  
 1320 KXRO Aberdeen, WA  
 1340 KJOX Kennewick, WA  
 1350 KRLC Lewiston, ID  
 1390 KBBO Yakima, WA  
 1430 KBRC Mount Vernon, WA  
 1450 KONP Port Angeles, WA  
 1470 KELA Centralia, WA

1490 KFKB Forks, WA  
 1490 KLOG Longview, WA

**FM**  
 92.1 KCRK Colville, WA  
**97.3 KIRO-FM HD2 Tacoma, WA**  
 102.7 K274CY Whitefish, MT (1)  
 102.9 K275CH Gresham, OR (2)  
 104.5 K283BX Wapato, WA (3)

**Relays:** 1) KSAM 1240, 2) KXTG 750, 3) KBBO 1390

**TEXAS RANGERS** Eric Nadel, Matt Hicks, Jared Sandler, Web: texastrangers.com

**AM**  
 670 KHGZ Glenwood, AR  
 690 KPET Lamesa, TX  
 710 KGNC Amarillo, TX  
 900 KPYN Atlanta, TX  
 950 KJTV Lubbock, TX  
 960 KGKL San Angelo, TX  
**1080 KRLD Dallas, TX\***  
 1150 KZNE College Station, TX  
 1230 KSEY Seymour, TX  
 1230 KSST Sulphur Springs, TX  
 1240 KVLF Alpine, TX\*\*  
 1250 KZDC San Antonio, TX  
 1260 KTAE Elgin, TX  
 1270 KRXO Claremore, OK  
 1290 KUOA Siloam Springs, AR  
 1300 KSYB Shreveport, LA  
 1320 KNCB Vivian, LA  
 1330 KTON Cameron, TX

1350 KHDY Clarksville, TX  
 1380 KHEY El Paso, TX  
 1400 KGTK Texarkana, TX  
 1410 KNTX Bowie, TX  
 1440 KEYS Corpus Christi, TX  
 1450 KSNY Snyder, TX  
 1470 KDHN Dimmitt, TX  
 1470 KWRD Henderson, TX  
 1490 KRUI Ruidoso Downs, NM  
 1490 KKBI Broken Bow, OK  
 1490 KBST Big Spring, TX  
 1490 KNEL Brady, TX  
 1490 KPLT Paris, TX  
 1500 KJIM Sherman, TX  
 1510 KSTV Stephenville, TX  
 1550 KCOM Comanche, TX  
 1560 KEBC Del City, OK  
 1560 KZQQ Abilene, TX  
 1590 KLRK Mexia, TX

1660 KRZI Waco, TX  
**FM**  
 92.1 KRWR Tyler, TX  
 92.3 KNNU Antlers, OK  
 92.7 KASR Villonia, AR  
 92.7 KJVC Mansfield, LA  
 92.7 KALP Alpine, TX\*\*\*  
 93.7 K229DK College Station, TX (1)  
 93.9 K230BS Stephenville, TX (2)  
 93.9 KSEY-FM Seymour, TX  
 94.5 K233DB San Antonio, TX (3)  
 95.5 KXPN Scotland, TX  
 95.5 K238BF Atlanta, TX (4)  
 96.3 K242BC Paris, TX (5)  
 97.1 KAMD Camden, AR  
 97.3 KTTU New Deal, TX  
 97.5 K248DE Amarillo, TX (6)  
 97.9 K250BQ Camden, AR (7)  
 98.9 K255BH Glenwood, AR (8)

99.3 K257GO Waco, TX (9)  
 99.5 KAKS Goshen, AR  
 100.1 K261EZ Comanche, TX (10)  
 100.5 KBLY Newcastle, TX  
 100.9 K265DV Temple, TX (11)  
 101.3 K267AI Moody, TX (12)  
 101.3 K267CB Sherman, TX (13)  
 101.9 K270CO Round Rock, TX (14)  
 103.9 KMHT-FM Marshall, TX  
 103.9 KRIA Plainview, TX  
 104.1 KCKB Moran, TX  
 104.3 KGAS-FM Carthage, TX  
 104.5 KBFEF Minden, LA  
**105.3 KRLD-FM/HD1 Dallas, TX**  
**105.3 KRLD-FM HD2 Dallas, TX\***  
 105.5 KNAS Nashville, AR  
 105.9 KQIK Haileyville, OK  
 107.7 KRXO-FM Oklahoma City, OK

**Relays:** 1) KZNE 1150, 2) KSTV 1510, 3) KZDC 1250, 4) KPYN 900, 5) KPLT 1490, 6) KGNC 710, 7) KUOA 1290, 8) KHGZ 670, 9) KRZI 1660, 10) KCOM 1550, 11) KTON 1330, 12) KLRK 1590, 13) KJIM 1500, 14) KTAE 1260

**Notes:** \* denotes that KRLD 1080 and KRLD-FM HD2 105.3 will carry the games if there is a conflict with another sporting event on KRLD-FM/HD1 105.3, \*\* denotes weekend games only, \*\*\* denotes weekday games only.

**LOS RANGERS DE TEXAS** Eleno Ornelas, José Guzman, Web: texastrangers.com

**AM**  
**1270 KFLC Benbrook, TX**  
 1390 KDQN De Queen, AR  
 1440 KPUR Amarillo, TX  
 1490 KYZS Tyler, TX

**FM**  
**99.1 KFZO Denton, TX\***

**Note:** \* denotes carries games in case KFLC 1270 has a conflicting event on the schedule

**NATIONAL LEAGUE – WESTERN DIVISION****ARIZONA DIAMONDBACKS** Greg Schulte, Tom Candiotti, Web: dbacks.com

**AM**  
 600 KVNA Flagstaff, AZ  
**620 KTAR Phoenix, AZ**  
 780 KAZM Sedona, AZ  
 980 KNTR Lake Havasu City, AZ  
 1130 KQNA Prescott Valley, AZ  
 1230 KATO Safford, AZ

1230 KINO Winslow, AZ  
 1340 KIKO Miami, AZ  
 1400 KCYK Yuma, AZ  
 1400 KRVZ Springerville, AZ  
 1490 KFFN Tucson, AZ

**FM**  
 92.1 KZUA Holbrook, AZ  
 94.3 KDDL Chino Valley, AZ  
 94.3 K232EI Lake Havasu City, AZ (1)  
 95.1 K236BH Kingman, AZ (2)  
**98.7 KMVP-FM/HD1 Phoenix, AZ**

99.9 K260BL Prescott, AZ (3)  
 100.5 K263BM Riviera, AZ (1)  
 103.3 KZKE Seligman, AZ  
 103.7 KNMZ Alamogordo, NM  
 106.7 KNKI Pinetop, AZ

**Relays:** 1) KNTR 980, 2) KZKE 103.3, 3) KQNA 1130

**LOS DIAMONDBACKS DE ARIZONA** Oscar Soria, Arturo Ochoa, Rodrigo Lopez, Richard Saenz, Web: losdbacks.com

**AM**  
 1130 XEHN Nogales, SO

**FM**  
 101.1 XHVSS Hermosillo, SO  
 102.5 XHIQ Ciudad Obregón, SO  
 104.7 XHCNE Cananea, SO

**105.1 KHOV Wickenburg, AZ**

**COLORADO ROCKIES** Jack Corrigan, Jerry Schemmel, Web: rockies.com

**AM**  
 610 KCSR Chadron, NE  
 610 KNML Albuquerque, NM  
 690 KOAQ Terrytown, NE\*  
 730 KLOE Goodland, KS  
**850 KOA Denver, CO**  
 920 KLMR Lamar, CO  
 930 KIUP Durango, CO  
 930 KRKY Granby, CO  
 980 KGLN Glenwood Springs, CO

1010 KSIR Brush, CO  
 1140 KNAB Burlington, CO  
 1210 KGYN Guymon, OK  
 1240 KFBC Cheyenne, WY  
 1260 KPOW Powell, WY  
 1290 KOWB Laramie, WY  
 1340 KTMM Grand Junction, CO  
 1350 KCCY Pueblo, CO  
 1400 KRLN Cañon City, CO\*\*  
 1410 KIIX Fort Collins, CO

1440 KRZD Wray, CO  
 1450 KBFS Belle Fourche, SD  
 1470 KKTY Douglas, WY  
 1490 KNAM Rifle, CO  
**FM**  
 87.7 KSHW-LP Sheridan, WY  
**94.1 K231AA Boulder, CO (1)**  
**94.1 K231BQ Golden, CO (1)**  
 94.5 KCGC Merino, CO\*\*\*

**97.3 KBCO-HD3 Boulder, CO**  
 101.3 K267CH Glenwood Springs, CO (2)  
 102.3 KSPK Walsenburg, CO  
 103.1 KYDT Pine Haven, WY  
 104.1 KNAB-FM Burlington, CO  
 105.7 KPMX Sterling, CO  
 106.1 KNFO Basalt, CO

**Relays:** 1) KOA 850, 2) KGLN 980, **Notes:** \* denotes the NRC Log lists this as a Catholic radio station, so they may no longer air Rockies baseball, \*\* denotes the Rockies' list has old call KSTY, \*\*\* denotes the Rockies' list has old call KRFD. *The Rockies' list also includes a KYWW 1450 Lost Cabin, WY; there's no such station listed in the NRC Log, nor is there such a town listed in the Rand McNally Road Atlas. A KSBK 98.3 Blanca, CO is also on the list; no such station exists on Radio Locator or on Doug Smith's list.*

**LOS ROCKIES DE COLORADO** Salvador Hernandez, Carlos Valdez, Héctor Salazar, Web: rockies.com

**1150 KNRV Englewood, CO**  
 96.1 K241CP Englewood, CO (simulcast)

**LOS ANGELES DODGERS** English: Charley Steiner, Tim Neverett, no Korean language play-by-play personnel information available, Web: dodgers.com

**AM**  
**570 KLAC Los Angeles, CA**  
 610 KAVL Lancaster, CA  
 970 KHTY Bakersfield, CA  
 990 KIKI Honolulu, Oahu, HI  
 1140 KXST North Las Vegas, NV

1220 KHTS Canyon Country, CA  
 1230 KBOV Bishop, CA  
 1230 KYVA Gallup, NM  
 1280 KXTK Arroyo Grande, CA  
 1340 KCBL Fresno, CA

1340 WSTA Charlotte Amalie, Saint Thomas, USVI  
 1350 KPWK San Bernardino, CA  
 1450 KVEN Ventura, CA  
**1540 KMPC Los Angeles, CA**

**FM**  
 92.7 KKKU-Indio, CA  
**98.7 KYSR-HD2 Los Angeles, CA**  
 101.7 KQTM Rio Rancho, NM  
 103.9 K280CV Cathedral City, CA (1)

**Relay:** 1) KKKU-HD2 92.7

**LOS DODGERS DE LOS ANGELES** Jaime Jarrín, Jorge Jarrín, Web: [losdodgers.com](http://losdodgers.com)

<b>AM</b>	1250 KZER Santa Barbara, CA	1480 KSBQ Santa Maria, CA	<b>FM</b>
910 KOXR Oxnard, CA	1310 KIQQ Barstow, CA		94.9 KXTT Maricopa, CA
<b>1020 KTNQ Los Angeles, CA</b>	1410 KCAL Redlands, CA		104.5 KBTW Lenwood, CA

**SAN DIEGO PADRES** Ted Leitner, Jesse Agler, Tony Gwynn, Jr, Web: [padres.com](http://padres.com)

97.3 KWFN San Diego, CA only

**LOS PADRES DE SAN DIEGO** Eduardo Ortega, Pedro Gutiérrez, Web: [padresbeisbol.com](http://padresbeisbol.com)

860 XEMO Tijuana, BCN only

**SAN FRANCISCO GIANTS** Jon Miller, Duane Kuiper, Mike Krukow, Dave Flemming, Web: [sfgiants.com](http://sfgiants.com)

<b>AM</b>	1400 KKJL San Luis Obispo, CA	<b>FM</b>	96.7 K244AH Ukiah, CA (1)
<b>680 KNBR San Francisco, CA</b>	1500 KHKA Honolulu, Oahu, HI	92.7 KUNK Mendocino, CA	101.5 KEKA-FM Eureka, CA
940 KFIG Fresno, CA		96.1 KKXS Shingletown, CA	

Relay: 1) KUNK 92.7

**LOS GIGANTES DE SAN FRANCISCO** Erwin Higueros, Tito Fuentes, Marvin Benard, Web: [sfgigantes.com](http://sfgigantes.com)

<b>AM</b>	<b>FM</b>	95.1 KMLY Gonzales, CA	104.1 KJOR Windsor, CA
1060 KFOY Sparks, NV	<b>93.7 KXZM Felton, CA</b>	103.3 KBAA Grass Valley, CA	

Additional information from the Kansas City Royals' network list in SportChannels in DXM 56-29; the co-flagship is **KRBZ-HD2 96.5 Kansas City, MO**. All FM HD flagship information comes from the HD Radio Web site. That wraps up the station listings for Major League Baseball; in the next edition, we'll wrap up Volume 56 with station listings from the Canadian Football League and Major League Soccer. 73 and play hard from the Florissant Valley Dial Twister.

**BANDSCAN (via IRCA eGroup)**

May 2019 daytime bandscan, QTH of **Mark Connelly**, WA1ION South Yarmouth, Cape Cod MA, USA (GC= 41.6931 N/70.1912 W) (= 41°41.59' N/70°11.47' W) (grid FN41vq)

Receiver: Microtelecom Perseus <http://microtelecom.it/perseus/>

Antenna: Car roof broadband loop, square, 2 m per side, configurable as either cardioid or figure-of-8 [https://www.qsl.net/wa1ion/loop/car\\_roof\\_loop.htm](https://www.qsl.net/wa1ion/loop/car_roof_loop.htm)  
 Stronger stations are listed in mV/m and dBu as derived from V-Soft listings for zip codes 02660, 02664, and 02675 <https://www.v-soft.com/on-line-based-software/zipsignal>

A few frequencies were also evaluated, as noted, at a nearby beach (GC= 41.645 N/70.198 W) less than 5 km south of here.

In situations of several stations on a frequency at similar level, antenna choice or use of phasing will often determine what dominates.

540 <b>WBWD</b> ISLIP NY: fair	1030 <b>WBZ</b> BOSTON MA: 2.65 mV/m, 68.47 dBu
550 <b>WSJW</b> PAWTUCKET RI: fair	1050 <b>WEPN</b> NEW YORK NY: 0.44 mV/m, 52.87 dBu
<b>WDEV</b> WATERBURY VT: just a bit under WSJW	1060 <b>WQOM</b> NATICK MA: 0.74 mV/m, 57.33 dBu
560 <b>WGAN</b> PORTLAND ME: 0.78 mV/m, 57.84 dBu	1080 <b>WTIC</b> HARTFORD CT: weak
570 <b>WMCA</b> NEW YORK NY: 0.38 mV/m, 51.48 dBu	1090 <b>WILD</b> BOSTON MA: 0.47 mV/m, 53.4 dBu
580 <b>WTAG</b> WORCESTER MA: weak	1100 <b>WHLI</b> HEMPSTEAD NY: fair
<b>WHP</b> HARRISBURG PA: beach: WTAG nulled	1110 <b>WMVX</b> SALEM NH: fair, mix WPMZ
590 <b>WEZE</b> BOSTON MA: 1.88 mV/m, 65.49 dBu	<b>WPMZ</b> EAST PROVIDENCE RI: fair, mix WMVX
600 <b>WICC</b> BRIDGEPORT CT: weak	1120 <b>WBNW</b> CONCORD MA: fair
<b>WFST</b> CARIBOU ME: weak	1130 <b>WBBR</b> NEW YORK NY: good
610 <b>WGIR</b> MANCHESTER NH: fair	1150 <b>WDDJ</b> BOSTON MA: 0.38 mV/m, 51.6 dBu
<b>WTEL</b> PHILADELPHIA PA: beach: WGIR nulled	1160 <b>WSKW</b> SKOWHEGAN ME: under WOBM
620 <b>WZON</b> BANGOR ME: fair	<b>WOBM</b> LAKEWOOD NJ: fair
<b>WSNJ</b> NEWARK NJ: in null of WZON	<b>WVNJ</b> OAKLAND NJ: under WOBM
630 <b>WPRO</b> PROVIDENCE RI: 0.41 mV/m, 52.2 dBu	1180 <b>WSKP</b> HOPE VALLEY RI: weak
640 <b>WNNZ</b> WESTFIELD MA: weak	1190 <b>WLIB</b> NEW YORK NY: fair
<b>WWJZ</b> MOUNT HOLLY NJ: weak	1200 <b>WXKS</b> NEWTON MA: 0.52 mV/m, 54.36 dBu
650 <b>WSRO</b> ASHLAND MA: fair	1210 <b>WPHT</b> PHILADELPHIA PA: weak
660 <b>WFAN</b> NEW YORK NY: 0.6 mV/m, 55.53 dBu	1220 <b>WWSF</b> SANFORD ME: fair
680 <b>WRKO</b> BOSTON MA: 4.51 mV/m, 73.09 dBu	<b>WSTL</b> PROVIDENCE RI: under WWSF
690 <b>WADS</b> ANSONIA CT: at noise	1230 <b>WESX</b> NAHANT MA: 1.02 mV/m, 60.19 dBu
<b>WOKV</b> JACKSONVILLE FL: beach: WADS nulled	<b>WCMC</b> WILDWOOD NJ: under WESX
700 <b>WPVQ</b> ORANGE-ATHOL MA: weak	1240 <b>WBAS</b> WEST YARMOUTH MA: 9.08 mV/m, 79.16 dBu
710 <b>WOR</b> NEW YORK NY: 0.77 mV/m, 57.73 dBu	1260 <b>WBIX</b> BOSTON MA: good
730 <b>WJTO</b> BATH ME: 0.48 mV/m, 53.67 dBu	1270 <b>WTSN</b> DOVER NH: 0.41 mV/m, 52.26 dBu
740 <b>WJIB</b> CAMBRIDGE MA: fair, mix WNYH	1280 <b>WJYE</b> GARDINER ME: under WADO
<b>WNYH</b> HUNTINGTON NY: fair, mix WJIB	<b>WPKZ</b> FITCHBURG MA: under WADO
760 <b>WVNE</b> LEICESTER MA: fair	<b>WADO</b> NEW YORK NY: fair
770 <b>WABC</b> NEW YORK NY: 0.28 mV/m, 48.87 dBu	1300 <b>WJDA</b> QUINCY MA: good
780 <b>WTME</b> RUMFORD ME: weak	1310 <b>WICH</b> NORWICH CT: WLOB nulled
790 <b>WPRV</b> PROVIDENCE RI: good	<b>WLOB</b> PORTLAND ME: fair
800 <b>WNNW</b> LAWRENCE MA: 0.71 mV/m, 57.06 dBu	<b>WADB</b> ASBURY PARK NJ: WLOB nulled
810 <b>WGY</b> SCHENECTADY NY: weak	1320 <b>WARA</b> ATTLEBOROUGH MA: mix WDER
820 <b>WNYC</b> NEW YORK NY: 0.26 mV/m, 48.3 dBu	<b>WDER</b> DERRY NH: mix WARA
830 <b>WCRN</b> WORCESTER MA: good	1330 <b>WRCA</b> WATERTOWN MA: fair
850 <b>WEEI</b> BOSTON MA: 1.48 mV/m, 63.38 dBu	<b>WWRV</b> NEW YORK NY: WRCA nulled
860 <b>WWDB</b> PHILADELPHIA PA: weak	1340 <b>WNBH</b> NEW BEDFORD MA: good
870 <b>WLVP</b> GORHAM ME: 0.33 mV/m, 50.3 dBu	<b>WMID</b> ATLANTIC CITY NJ: WNBH nulled
880 <b>WCBS</b> NEW YORK NY: 0.44 mV/m, 52.82 dBu	1350 <b>WINY</b> PUTNAM CT: under WEZS
890 <b>WAMG</b> DEDHAM MA: 0.82 mV/m, 58.3 dBu	<b>WEZS</b> LACONIA NH: weak
900 <b>WCME</b> BRUNSWICK ME: 0.39 mV/m, 51.88 dBu	1360 <b>WLYN</b> LYNN MA: 1.27 mV/m, 62.06 dBu
910 <b>WTOS</b> BANGOR ME: fair	1370 <b>WDEA</b> ELLSWORTH ME: weak, mix WFEA
920 <b>WHJJ</b> PROVIDENCE RI: good	<b>WFEA</b> MANCHESTER NH: weak, mix WDEA
930 <b>WPXK</b> ROCHESTER NH: 0.53 mV/m, 54.49 dBu	1380 <b>WKDM</b> NEW YORK NY: under WNRI
<b>WPAT</b> PATERSON NJ: WPXK nulled	<b>WNRI</b> WOONSOCKET RI: fair
950 <b>WROL</b> BOSTON MA: 2.85 mV/m, 69.1 dBu	1390 <b>WPLM</b> PLYMOUTH MA: 3.89 mV/m, 71.8 dBu (BASED ON 5 KW) (presently running less)
970 <b>WZAN</b> PORTLAND ME: 1.31 mV/m, 62.35 dBu	<b>WRIV</b> RIVERHEAD NY: under WPLM
980 <b>WCAP</b> LOWELL MA: weak	1400 <b>WVAE</b> BIDDEFORD ME: 0.34 mV/m, 50.5 dBu
1010 <b>WINS</b> NEW YORK NY: 0.43 mV/m, 52.72 dBu	<b>WOND</b> PLEASANTVILLE NJ: WVAE nulled
1020 <b>WIBG</b> OCEAN CITY NJ: weak	



- 1410 **WPOP** HARTFORD CT: weak, mix WZBR/WHTG
- WZBR** DEDHAM MA: weak, mix WPOP/WHTG
- WHTG** EATONTOWN NJ: weak, mix WZBR/WPOP
- 1420 **WBSM** NEW BEDFORD MA: 0.34 mV/m, 50.57 dBu
- WASR** WOLFEBORO NH: WBSM nulled
- 1430 **WKOX** EVERETT MA: 0.31 mV/m, 49.76 dBu
- 1440 **WRED** WESTBROOK ME: 0.34 mV/m, 50.57 dBu
- 1450 **WNBP** NEWBURYPORT MA: 0.32 mV/m, 50.1 dBu
- WPGG** ATLANTIC CITY NJ: slightly under WNBP
- 1460 **WVOX** NEW ROCHELLE NY: weak
- 1470 **WLAM** LEWISTON ME: weak, mix WAZN
- WAZN** WATERTOWN MA: weak, mix WLAM
- 1480 **WSAR** FALL RIVER MA: good
- 1490 **WBAE** PORTLAND ME: 0.3 mV/m, 49.54 dBu
- WCCM** HAVERHILL MA: under WBAE
- WBGG** ATLANTIC CITY NJ: under WBAE
- 1500 **WFIF** MILFORD CT: weak
- 1520 **WIZZ** GREENFIELD MA: weak
- 1530 **WVBF** MIDDLEBOROUGH MA: good
- 1540 **WXEX** EXETER NH: good
- WADK** NEWPORT RI: under WXEX
- 1550 **WNTN** CAMBRIDGE MA: good
- 1560 **WFME** NEW YORK NY: weak
- 1570 **WUBG** METHUEN MA: 0.84 mV/m, 58.49 dBu
- 1580 **WLIM** PATCHOGUE NY: weak
- 1590 **WARV** WARWICK RI: good
- 1600 **WUNR** BROOKLINE MA: 0.27 mV/m, 48.55 dBu
- 1610 **TIS** HYANNIS MA: fair (terrible audio)
- 1630 **GCN** net relay SOUTH YARMOUTH MA: in noise at house, fair at beach (transmitter QTH Carter Rd)
- 1650 **WHKT** PORTSMOUTH VA: in noise at house, fair at beach
- 1660 **WWRU** JERSEY CITY NJ: weak
- 1680 **WTTM** LINDENWOLD NJ: weak
- 1700 **WRCR** RAMAPO NY: weak



**GEOMAGNETIC INDICES – Compiled by: Phil Bytheway**  
 Email: [DXM.EIC@gmail.com](mailto:DXM.EIC@gmail.com)

**Geomagnetic Summary April 1 2019 through April 30 2019**  
 Tabulated from WWV on-line status daily (K @ 0000 UTC): <ftp://ftp.swpc.noaa.gov/pub/forecasts/wwv/>

Date	Flux	A	K	Space Wx										
4/ 1	69	8	0	no storms	4/11	79	7	1	no storms	4/21	69	4	1	no storms
2	71	6	3	no storms	12	77	8	3	no storms	22	69	4	1	no storms
3	71	12	3	no storms	13	78	8	1	no storms	23	69	8	3	no storms
4	70	10	1	no storms	14	75	4	1	no storms	24	69	7	2	no storms
5	72	14	3	no storms	15	75	8	2	no storms	25	68	5	0	no storms
6	74	7	1	no storms	16	74	6	1	no storms	26	67	4	2	no storms
7	77	5	2	no storms	17	76	3	1	no storms	27	67	6	2	no storms
8	79	13	2	no storms	18	75	2	0	no storms	28	68	7	2	no storms
9	79	10	2	no storms	19	73	4	1	no storms	29	67	5	1	no storms
4/10	78	14	2	no storms	4/20	70	4	1	no storms	4/30	69	5	1	no storms

Gx – Geomagnetic Storm Level      Rx – Radio Blackouts Level      Sx – Solar Radiation Storm Level

**Full Color IRCA Letterhead**

Full color 8.5 x 11 MS Word 2007 file with the current IRCA logo. Send Email to [phil\\_tekno@yahoo.com](mailto:phil_tekno@yahoo.com) to get yours today! Great for verification requests.

**IRCA Mexican Log, 21st Edition (Winter 2018)**

The **IRCA MEXICAN LOG** lists all AM stations in Mexico by frequency, including call letters, state, city, day/night power, slogans, schedule in UTC/GMT, formats, networks and notes. The call letter index gives call, frequency, city and state. The city index (listed by state, then city) includes frequency, call and day/night power. The transmitter site index (listed by state, then city) tabulates the latitude and longitude of transmitter sites. This is an indispensable reference for anyone who hears Mexican radio stations. Size is 8 1/2" x 11".

Prices: **IRCA/NRC members** – \$7.00 (US), \$8.50 (Canada) \$12.00 (México), \$14.00 (rest of the world). **Non-IRCA/NRC members** – add \$1.00.

**A DXers Technical Guide, 4th Edition (Spring 2004)**

In its nearly 200 pages you will learn about the principles underlying the design of successful receivers, antennas and receiving accessories, find reviews of the best commercially available DXing equipment in different price ranges, as well as detailed instructions for building one's own antennas and other DXing aids. Although it focuses on the technical backdrop to medium wave DXing, it will also be of interest to serious shortwave listeners and low band radio amateurs.

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**THE INTERNATIONAL RADIO CLUB OF AMERICA**  
**PO Box 60241, Lafayette LA 70596**  
<http://www.ircaonline.org>

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.



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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](mailto:lynnhollerman@yahoo.com).

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**Official Ballot – International Radio Club of America**

Run-Off Election for Board of Directors for Sept 15 2019 through Sept 14 2021.

**For IRCA Board of Directors (select maximum of 3):**

- Bill Block**
- Dennis Gibson**
- Steve Howe**
- Patrick Martin**

\*\*\*\*\*

This ballot must be **RECEIVED** by the Election Committee Chairman no later than 0001 hours Eastern Standard Time, **June 1 2019**. Mail to: **Nick Hall-Patch (nhp@ieee.org)**