



DX MONITOR

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International Radio Club of America

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No new... the rush is over! Next **Seattle** deadline (V56, N01) **Monday 8/13/18 6 PM PLT** (4 week break) – pb.

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Madison-Milwaukee DX Get-together

It is almost time for this year's Madison-Milwaukee DX Get-together and this one is a milestone edition! The **25th** annual Madison-Milwaukee Get-together for DXers and Radio Enthusiasts will be held on **Saturday August 18** from 1:00 to 9:30 PM CDT. This year's location is Madison WI and, like two years ago the venue is beautiful and spacious Lake Farm County Park (**4330 Libby Road Madison 53711**). Your hosts are **Mark Taylor** and **Bill Dvorak**, and we would be very pleased if you joined us in celebration of our long history. Interested? For more information or an invitation e-mail Bill at **dxeak@gmail.com** or Mark at **markpik@gmail.com** (please include "Madison DX Get-together" in the subject line). Participation by IRCA members is strong every year for this event, and this year should be no exception. We hope you can join us! See you on August 18!

2018 IRCA Convention

The 2018 IRCA convention will be held at the Best Western Plus Charles Inn in St Charles MO on September 7 and 8 2018. The hotel is located at 1425 S Fifth Street in St Charles, NW of I-70 exit 229B, or the first exit west of the Missouri River, eight miles west of the Lambert St Louis International Airport. The room rate is \$104.99 a night for either Missouri River, eight miles west of the Lambert St Louis International Airport. The room rate is \$104.99 a night for either a standard king or two queens. The phone number to call the hotel directly to make reservations for that weekend is (636) 946-6936 or toll-free at 1-888-274-0988. When calling to make the reservation, you must mention the code IRCA to get the rate. There is a block of 30 rooms reserved at that rate for each night for your choice of a single or double bed, your choice. Reservations must be made by August 7 2018. One note, if all the rooms for this block sell out, then the meeting room at the hotel will be complementary. **Registration for IRCA members is \$0**; registration for non-members is \$25 per person with free breakfast. There will be a tentative radio tour of KCLC FM 89.1 at Lindenwood College in St Charles as well as another possible radio tour and a possible tentative radio tower visit. The annual Banquet is out of pocket and at **Culpepper's**, just down the street from the hotel at 3010 W Clay St, St Charles MO 63301 (burgers, catfish, broccoli Alfredo pasta, chicken strips, etc – <https://www.culpeppers.com/Home>). Your host for the convention is **Ken Hawkins**. You can either email him at **StLouisHerdFan@gmail.com** or you can call him on this cell phone at **(636) 577-4295**. Registration and auction items can be sent to **4034 San Fernando Ln, St Charles MO 63304-2829**.

Make your plans and reservations now for the 2018 IRCA convention as this will probably be one of the best! **All DXers are welcome!**

This year's **IRCA** convention will be an excellent chance to re-connect with old friends and to share DX stories. Speaking of sharing, we issue our annual **call to action** for those who wish to present a talk or paper during the convention. As you know, this can be as *formal* or *informal* as you want. To make it easier, we can provide you with audio-visual support, including slide-preparation and display.

If you're interested in sharing your experiences... or if you want to present questions for discussion that might lead to a better understanding of a particular aspect of your own DXing, please contact Mark Durenberger at **Mark4@durenberger.com**



IRCA PRESIDENT'S REPORT – Bruce Portzer – 6546 19th Ave NE – Seattle WA 98115 E-mail: portzerbt@gmail.com

We recently had some changes in our dues structure. Here's a recap:

- Membership renewal for all existing members has been reduced to zero ("free"). Your membership will be automatically renewed at no cost. You may receive an automatically-generated reminder notice, but you really don't need to reply or send anything.
- Dues for new members have been reduced to \$5 for the first year. After that, their membership will be automatically renewed at no cost. We've also eliminated the \$1 charge for PayPal payments.

The changes were made to reduce our bank balance, which was getting to be a bit large for a non-profit club of our size. We don't expect this dues arrangement to last forever, but we should enjoy it while we can.

The board has also voted on and approved a couple of housekeeping items related to the dues change:

Proposal 28.1.30 – Eliminate the \$1 charge for dues payments made via PayPal. Submitted by **Bruce Portzer**. All Directors favored.

Proposal 28.1.31 – Contest winners receive a \$15-20 gift card in lieu of the current year's membership. Submitted by **Phil Bytheway**. John Johnson abstained, the other 6 directors favored.

That's it for this month. I'm making my plans to attend the convention in September and look forward to meeting many of you there. **Bruce**



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

DATE OF COLUMN: June 30 and July 14 2018 **Column data span:** June 16-July 14 2018, Data courtesy of **Stationintel.com**, FCC database and member contributions. (Two columns collated – pb)

CALL CHANGES

FREQ	OLD CALL	CITY OF LICENSE	NEW CALL
730	WZMF	Nanticoke, PA	WGFM
940	WCSW	Shell Lake, WI	WXNK
1460	WGFM	Tunkhannock, PA	WZMF
1490	WKVT	Brattleboro, VT	WINQ

FORMAT, SLOGAN AND SILENT STATUS CHANGES

FREQ	CALL	CITY OF LICENSE	NEW INFORMATION
770	KJCB	Lafayette, LA	now silent
990	WBTE	Windsor, NC	now silent
1050	WLMA	Alexander City, AL	old slogan: "Real Country 1050", new: "Kix 96.3"
1060	KKVV	Las Vegas, NV	old slogan: "Impact Radio, Radio With A Purpose", new: "Best News Radio KKVV"
1070	WPLB	Plattsburgh, NY	old slogan: "Mid Century 1070/103.7", new: "Mid Century Radio 1070-103.7"
1080	KWAI	Honolulu, HI	now silent

1150	WMNY	New Kensington, PA	was unknown format, now ethnic, adds slogan: "Radio Dhoom 1150"
1170	WCXN	Claremont, NC	was unknown format, now Spanish
1180	KOFI	Kalispell, MT	was oldies, now classic hits, old slogan: "News-Talk-Oldies KOFI", new: "KOFI 1180 AM 104.3 FM"
1220	WSRQ	Sarasota, FL	was talk, now oldies, old slogan: "Sarasota Talk Radio", new: "Hitland 106.9"
	WLSD	Big Stone Gap, VA	was silent, now southern gospel, religious teaching, adds slogan: "Where Love Sounds Different"
1230	KKSB	Steamboat Springs, CO	was classic rock, now news/talk, old slogan: "100.5 The River", new: "News Talk 100.5"
	KSLO	Opelousas, LA	adds Eternal Word TV Network, adds slogan: "Catholic Radio For Acadiana"
	WFAY	Fayetteville, NC	was sports, now country, old slogan: "Sports Radio 100.1 WFAY", new: "All American Country"
	KHSN	Coos Bay, OR	was ESPN Radio Network, now NBC Sports Network, old slogan: "ESPN 1230", new: "KHSN AM 1230"
1290	WHIO	Dayton, OH	old slogan: "NewsTalk Radio 95.7FM and AM1290", new: "AM1290 and News 95.7 WHIO"
	WRPA	Providence, RI	now silent
1310	KZRG	Joplin, MO	old slogan: "1310 KZRG-AM Newstalk", new: "NewsTalk KZRG 102.9FM, 105.9 FM and 1310 AM"
1340	KDLM	Detroit Lakes, MN	was adult contemporary, now classic hits
1350	KRAP	Washington, MO	was sports, now hot adult contemporary, old slogan: "Sports KRAP", new: "Westplex 1071"
	KCIM	Carroll, IA	was soft adult contemporary, now classic hits
1380	KRKO	Everett, WA	was sports, now classic hits, old slogan: "Fox Sports 1380", new: "Everett Radio"
1400	WTSL	Hanover, NH	was unknown format, now classic hip hop, adds slogan: "Hot 97"
1440	WNPV	Lansdale, PA	old slogan: "InfoRadio", new: "WNPV 98.5 FM 1440 AM"
1450	KVSI	Montpelier, ID	adds slogan: "KVSI Country 1450 AM 101.1 FM"
	WTHU	Thurmont, MD	was talk, now oldies, old slogan: "1450 The Source", new: "Cool 1450 AM"
	KYLS	Fredericktown, MO	was oldies now hot adult contemporary, adds slogan: "K-Hits 94.3"
	WPGG	Atlantic City, NJ	old slogan: "WPG Talk Radio 1450", new: "WPG Talk Radio 104.1-1450"
	WMRV	Spring Lake, NC	was adult hits, now classic rock
1490	WTQS	Cameron, SC	was urban gospel, now adult hits, adds slogan: "Z-95"
	WINQ	Brattleboro, VT	was talk, now country, old slogan: "NewsTalk 1490", new: "Wink Country"
1510	WMEX	Boston, MA	was silent, now adult contemporary, adds slogan: "The South Shore's Radio Station"
1520	KSIB	Creston, IA	was Westwood One NBC Sports Network, now Fox Sports Radio, old slogan: "NBC Sports Radio 1520", new: "Fox Sports Radio 1520"
1540	WCYL	Niles, OH	now silent
	WNWR	Philadelphia, PA	was ethnic, now new unknown format
1550	KWRN	Apple Valley- CA	was silent, now Radio Lazer regional Mexican, adds slogan: "Radio Lazer"
1560	WWYC	Toledo, OH	was silent, now Christian Satellite Network religious teaching, adds slogan: "CSN International"
1570	WQTW	Latrobe, PA	was silent, now adult hits, adds slogan: "103.9 KHB"
1590	WABV	Abbeville, SC	was silent, now Spanish religion, adds slogan: "Radio Inspiracion 1590"
1690	WIGT	Charlotte Amalie, VI	was silent, now news/talk, adds National Public Radio (NPR)

MEMBER CONTRIBUTION

Ye editor passes along the following, a sad obituary on the passing of **Don Ingram**, but definitely radio-related, from **npr.org** dated 6/27/18:

Powerhouse Disc Jockey Dan Ingram Dies at 83, June 26 2018 4:23 PM ET, Heard on All Things Considered, Jon Kalish

Longtime WABC disc jockey Dan Ingram died Sunday at age 83. Ingram was known for his irreverence and quick wit. One of the most popular disc jockeys in the history of American radio has died. For more than 20 years, Dan Ingram was one of the top jocks on one of the top stations in the country: New York City's WABC. Ingram's career spanned five decades at stations across the country. He died Sunday at his home in Florida. Ingram was 83 years old.

Ingram's father was a professional musician and, as Ingram told college radio station WHPC in 1965, tagging along to radio studios ignited his interest in the medium. When he was 13, he entered a disc jockey contest put on by WOV host Fred Robbins.

"You could get on the air for 15 minutes if you were a finalist. And I was a finalist, one of eight," Ingram said. "And, of course, I lost the contest."

But he kept trying. After landing jobs in Dallas and St Louis, Ingram became the afternoon man at WABC. Part of the station's stable of high-octane jocks, Ingram became known for his wisecracks, spoofing song titles and ridiculing both artists and sponsors.

"I don't think anybody ever executed the format better or was more entertaining than Dan Ingram," Allen Sniffen of MusicRadio77.com says. "It was like directing a symphony. He was funny. He could make you laugh over a five-second record intro." Ingram mastered the talk-up, talking over the intro to a song, ending right before the vocals. Ingram could get the song title, the current temperature and a one-liner in his talk-ups. He wholeheartedly embraced one of radio's golden rules: When you're talking to the audience, do it like you're talking to one person. In an interview at the Paley Center for Media in 2001, Ingram choked up when he acknowledged his audience. "If you weren't here, if you didn't listen, I wouldn't be here either. And I just want to say thank you," he said.

6/30. Going to be the hottest weather of the year here this coming week with temperatures pushing 100 and humid, will be stifling outside so will relax inside. Had terrible shooting in Annapolis at Capital Gazette newspaper on Thursday, turns out the shooter lives in Laurel only 2 miles north of my apartment, 5 people were killed. Let's remember them in our prayers. Hope your DX is as hot as the fireworks on the upcoming 4th of July next week. 73's. **Bob Wien**

7/14. Well, relatively short column this time, we're in the summer lull of DX right now. Had a good 4th of July weekend, has been relatively hot here in Laurel this July and very little rain, everything is turning brown, hope we get some rain soon! 3 weeks till I turn 58, want to wish Dave Gordon a happy birthday! Hope everyone has a great latter part of July, report any DX to your respective columns and any broadcasting-related changes to here. 73's. **Bob Wien**



CANADIAN RADIO NEWS – Dan Sys

E-mail: sysdan@gmail.com

For June 2018, compiled July 1.

NEW STATION LAUNCHED

960 ON Mississauga CKNT Commercial. 2,000 watts (days)/280 watts nights. News-Talk. Elliot Kerr.

CALL LETTER DATA

600 BC Vancouver new-cp Will become CHOF.



WESTERN DX ROUNDUP – Nancy Johnson – 2922 S Olivewood – Mesa AZ 85212-2923

E-mail: NancyJohnson@prodigy.net

WDXR DEADLINES: July 27, August 10, August 24, Sept 7, Sept 21, Sept 28, October 5, October 12, October 19, October 26 and November 12. Please use Eastern Local Time.

REPORTERS FOR THIS ISSUE:

(JCJ) **John Johnson**-2922 S Olivewood, Mesa AZ 85212 John_Johnson@prodigy.net

SDRplay RSPduo, Wellbrook ALA1530LNP

(JP) **Jon Pearkins**-Edmonton AB jon@pearkins.com

Sangean PR-D5

650 KSTE CA, Rancho Cordova 7/11 alone on 650, 0800 out of a PSA and an iHeart Radio promo with "Your iHeart radio station, 650 KSTE Rancho Cordova, Sacramento" into news. New for me. (JCJ-AZ)

- 880 KKMC **CCA**, Gonzales 6/23 good, alone on 880. 0800 out of religious program with "KKMC Gonzales" legal ID into a Monterrey county spot and a promo with the tag "Right here on KKMC, Central Coast Christian Radio" into a religious program. New for me. (JCJ-AZ)
- 980 CKNW **BC**, New Westminster 7/10 0355 back on the air overnights after two nights off (Sat/Sun nights) to prep for CHOF-600 tower sharing. Likely more off-air overnights to come. (JP-AB)
- CJME **SK**, Regina 7/10 0355 re-running CKOM's Gormley, who has enough of a Brit accent to be confused with "The Shift with Drex" on CKNW, mixing with snippets from third station, playing music, so probably KDSJ. (JP-AB)
- 1150 KHRO **TX**, El Paso 7/4 on top 1150, no sign of KCKY. 0800 with oldies, numerous "1150 Oldies Radio" and "The Fox AM" slogans. Assume they simulcast with their FM "The Fox" KQFX. (JCJ-AZ)
- 1160 KRDY **TX**, An Antonio 7/5 strong over or equal to KSL. KRDY must have been on with daytime power. 0045 with Larry Elders talk program. During breaks they mentioned "This is Freedom 1160" and "freedom1160.com" along with spots for San Antonio. 0100 with "AM 1160 KRDY San Antonio, a division of Salem Media Group" legal ID. First time heard. (JCJ-AZ)
- 1450 KZNU **UT**, St George 7/13 on top 1450 0800 with "93.8 FM 1450 AM KZNU St George, 98.5 FM Cedar City, KAZZ Parowan" ID. (JCJ-AZ)
- 1550 KQNM **NM**, Albuquerque 7/2 strong, alone on 1550. 0800 out of a Relevant Radio promo with "Now with radio stations coast to coast. Talk Radio for Catholic Life, KQNM Albuquerque, K255AU Corrales, Relevant radio 1550 AM and 89.9 FM, an Immaculate Heart radio station" into another religious program. New for me. (JCJ-AZ)

A list of reporters to Volume #55 WDXR follows. Thank you to everyone on the list for taking the time to send tips to the column! – Nancy 7/13 1900

REPORTERS TO WDXR VOLUME #55 (total number of tips and number of issues)

1. Bill Block	226/28	5. Craig Barnes	64/4	9. Mike Sanburn	21/6	13. David Gordon	4/2
2. Rick Barton	221/29	6. Glen Hansen	63/10	10. Dennis Vroom	17/6	14. Martin Foltz	3/1
3. Bruce Portzer	67/3	7. Jon Pearkins	50/15	11. Art Peterson	15/7	15. Phil Bytheway	1/1
4. John C Johnson	65/27	8. Nigel Pimblett	33/3	12. Nancy Johnson	5/3		



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

RIDING GAIN

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

DOWN THE DIAL

- 810 WCKA **AL**, Jacksonville. 7/10 fair signal over WGY, WHB. 0543 noted with Country format, "WCKA, Alabama Eight-Ten and 94-point-Three" ID. [EB-MO]
- 860 WSON **KY**, Henderson. 7/3 fair over CJBC. 0544 with "Your station for news, Eight-60 AM, 96-point-Five FM, WSON" ID into Classic Hits format. [EB-MO]
- 920 WMOK **IL**, Metropolis. 7/3 good signal over KARN, KDHL. 0548 with Country format, "It's still your country; Real Country Nine-20 WMOK" ID. [EB-MO]
- 930 WRVC **WV**, Huntington. 7/10 fair to poor signal, mixing with WBEN, WGAD and WTAD. 0528 noted with spot mentioning Huntington and Kenova. First time noted since December 25, 2000. [EB-MO]
- 940 KCMC **TX**, Texarkana. 7/5 fair signal, mixing with WMIX. 0620 noted with Texas sports report, "TSN" mention, local spots, feature on fishing in Texas, news headlines. AM #120 from the Lone Star State. [EB-MO]
- 950 KPRC **TX**, Houston. 7/5 fair to poor signal, mixing with Cuba, WAKM, WORD. 0547 noted with Houston Dynamo soccer promo and local spots. [EB-MO]
- 1010 WMOX **MS**, Meridian. 7/5 good signal over CFRB, WINS. 0328 noted with *Red Eye Radio* and local spots. [EB-MO]
- 1140 KXRB **SD**, Sioux Falls. 7/2 fair to poor signal, mixing with WRVA, XEMR. 0542 noted with Country format, "The new 100-point One FM and 11-40 AM, KXRB" ID, local spots. First time noted since frequency swap with KSOO 1000. [EB-MO]
- 1150 KCPS **IA**, Burlington. 7/13 fair to poor signal, mixing with WHBY. 0055 with The Jim Bohannon Show, local spots, legal ID before fading out. [EB-MO]
- KNED **OK**, McAlester. 7/3 fair to poor signal over WHBY and other stations. 0618 noted with local spots, call letters into Country format. [EB-MO]
- 1170 KBOB **IA**, Davenport. 7/3 fair to poor signal over KFAQ. 0411 noted with Classic Country format, "Real Country" mention. [EB-MO]
- WWVA **WV**, Wheeling. 7/10 good signal over KBOB, KFAQ. 0533 noted with weather forecast, local spot, "News radio 11-70 WWVA" ID into *America's First News*. [EB-MO]
- 1220 WLPO **IL**, La Salle. 7/3 fair signal over WSLM. 0419 noted with Classic Hits format, "103-point-Nine WLPO" ID. [EB-MO]
- 1240 KBIZ **IA**, Ottumwa. 6/30 fair to poor signal, mixing with other stations. 0157 noted with promo for sister station KRKN 104.3 MHz Eldon, IA and local spots before fading out. Faded back up at 0243 with local spots and a promo for sister station KTWA 92.7 MHz Ottumwa. [EB-MO]
- WTAX **IL**, Springfield. 7/12 fair to poor signal, mixing with WENK and other stations. 2159 with news headlines, call letters into CBS News. [EB-MO]
- 1290 WCBL **KY**, Benton. 7/6 fair to poor signal, mixing with WIRL. 0627 noted with weather forecast, "That's your weather on WCBL" mention into Country format. [EB-MO]
- WIRL **IL**, Peoria. 7/5 good signal over WHIO. 0702 noted with mention of "12-90 AM, 102-point-Seven FM, and now, 93-point-Three HD2", "WIRL Peoria" jingle into Oldies format. [EB-MO]
- WKLJ **WI**, Sparta. 6/29 fair to poor signal, mixing with WIRL. 0150 noted with *ESPN Sports Center All Night*, local spots, "ESPN La Crosse" ID, multi-station legal ID at 0200. [EB-MO]
- 1320 WKAN **IL**, Kankakee. – 7/10 fair to poor through a nulled KSIV. 0606 noted with "13-20 WKAN" ID into *RFD 1*. First time noted since 1985. [EB-MO]
- 1330 WRAM **IL**, Monmouth. 7/3 fair to poor signal over KNSS, KPTY, WBGW. 0553 noted with "This is the ag leader in Western Illinois, 13-30 WRAM" ID into Classic Country format. [EB-MO]
- 1340 KXEO **MO**, Mexico. 7/6 fair signal over other stations. 0631 noted with "13-40 KXEO" ID into Adult Contemporary format. [EB-MO]
- WSOY **IL**, Decatur. 7/4 fair to poor signal, mixing with other stations. 0605 poked through with "WSOY, 13-40 AM and 103-point-Three FM" ID. [EB-MO]
- 1360 WIBK **IL**, Watseka. 7/5 fair to poor signal, mixing with KSCJ, WSAI. 0708 noted with Classic Country format, "13-60 AM WIBK" ID. [EB-MO]
- 1410 WRMN **IL**, Elgin. 7/3 fair signal, mixing with WING, WIZM. 0501 noted with Town Hall news, local spots and call letters. [EB-MO]
- 1580 KHGG **AR**, Van Buren. 7/2 fair to poor signal mixing with other stations. 0640 noted with Fox Sports Radio, local spots, "Sports radio 103-point-One FM and 15-80 KHGG" ID; format change from Country. [EB-MO]

FLASHBACK

50 Years Ago – July 20 1968 issue of "DX Monitor" ... **Percy R Kesteven** of Edmonton AB mentioned his verie from CJYR 970 was for the first reception report they ever received ... **Ernest J Wesolowski** of Omaha NE said he just needs 1400 Ainsworth to have Nebraska totally verified ... **Bill Nittler** of Englewood CO reported a verie total of 2326. // **25 Years Ago – July 17 1993** issue of "DX Monitor" ... **Bill Townshend** of Washington DC said he was 62 ... **Larry Flegle** of Woodstock GA said he was 44 and worked for MCI Telecommunications ... **Mike Brooker** of Toronto ON told about CFTR 680 changing formats to news ... Included was a two-page review of the 1993 IRCA Billings, Montana Convention. 27 attended the event with **Dale Park** of Honolulu being from the farthest point.

OPEN MIKE

Nancy and I were looking over the list of those that attended the 1993 convention and couldn't help noticing how many DXers are no longer with us. **Bill Nittler**, **Ralph Sanserino**, **Michael Stonebridge**, and **Paul Swearingen**. This ends Volume 55. We have a three week break until the next issue. Reporter totals for CDXR during Volume 55 are listed below. You will notice one reporter appeared in every issue. Thanks to Eric we have a column this issue. This column was typed 7-13-18. 73, John

CDXR REPORTER TOTALS FOR VOLUME 55

1. [EB-MO]	310/35	Eric Bueneman , Hazelwood MO	4. [RD-IA]	8/1	Rick Dau , Spirit Lake IA
2. [KDF-IL]	10/2	Karl Forth , Chicago IL	5. [SP-WI]	3/2	Sheryl Paskiewicz , Manitowoc WI
3. [NK-IL]	9/1	Neil Kazaross , Barrington IL	6. [TMJ-IL]	2/2	Tom Jasinski , Shorewood IL



EASTERN DX ROUNDUP – Eric Bueneman (NØUIH) – 631 Coachway Lane – Hazelwood MO 63042-1347
E-mail: 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**, Thorold ON, Canada paulisnider@yahoo.ca
Elad FDM-S2 software-defined receiver, Pixel RF Pro-1B loop, MFJ-1020C as a tuner

ACROSS THE DIAL

- 900 WCPA **PA**, Clearfield – 6/15 0518 noted with Oldies format, "Clearfield's Favorites Play on WCPA" ID by a male announcer. The signal was noted mixing with CHML, WKDW and unidentified stations with a Talk format and Spanish language programming. (KK-VA)
WKDW **VA**, Staunton – 6/15 0513 noted with Country format, "AM 900 WKDW" ID by a male announcer. The signal was noted mixing with CHML, WCPA and unidentified stations with a Talk format and Spanish language programming. (KK-VA) (Your unidentified Spanish station may be XEW Mexico City – eb)
910 WSRP **NC**, Jacksonville – 6/15 0425 noted with "La Grande Mil AM" mention in Spanish by a male announcer; a new station in the logbook. The signal was noted mixing with WRNL and unidentified stations with vocal music and ESPN Radio. (KK-VA) (Your ESPN station is most likely WTMZ Dorchester Terrace/Brentwood SC – eb)
970 WRCS **NC**, Ahoskie – 6/29 0443 noted with Urban Gospel format, "You Get It All Right Here; AM 970 WRCS Ahoskie, North Carolina" legal ID by a male announcer. The signal was noted mixing with WBGG and WWRK. (KK-VA)
WWRK **SC**, Florence – 6/29 0438 noted with Rock format, "The Rock FM" by a male announcer. The signal was noted mixing with WBGG and WRCS. (KK-VA)
1040 WURN **FL**, Miami – 7/7 0507 noted with vocal music in Spanish, "This is WURN...Miami, Florida; covering the... beach to the..." legal ID in English by a female announcer. The signal was noted mixing with WHO and unidentified stations with a Christian Talk format and programs in the Spanish and Vietnamese languages. (KK-VA) (Your Christian talker is WCHR Flemington NJ; your Spanish is likely WSGH Lewisville NC. Your Vietnamese program may be from WPBS Conyers GA, even though the NRC Log lists them with no pre-sunrise authority – eb)
1070 WCSZ **SC**, Sans Souci – 7/5 2332 noted with Regional Mexican format, "La Jefa" slogan at 2338, promos and possible ads in Spanish. A fair at times to very poor signal was noted, mixing with CHOK. (PS-ON)
1150 WAVO **SC**, Rock Hill – 7/5 2255 noted with Adult Standards format, "Johnny Mathis on 1150 WAVO" mention at 2257, more Adult Standards, "The Greatest Music Ever Made, WAVO" ID at 2305 A fair at times to very poor signal was noted, doing quite well against CKOC; often on top of TSN 1150. (PS-ON)
1330 WGFT **OH**, Campbell – 6/24 0022 on after sunset with Urban Contemporary format, "Star 94.7" ID at 0027. A poor to very poor signal was noted, mixing with WFNN and other stations; confirmed via Tune-In Web stream. (PS-ON) ("Star 94.7" refers to W234CH Girard OH – eb)
1340 WMBO **NY**, Auburn – 6/28 2341 noted with Classic Hits format, featuring songs by Rod Stewart and Alicia Bridges, "The Dinosaur" slogan at 2343. WFBL 1390 Syracuse was also noted. A poor to very poor signal was noted, mixing with other stations. (PS-ON)
1450 WJER **OH**, Dover/New Philadelphia – 7/4 2345 noted with Oldies format featuring songs by Blood, Sweat and Tears and Steely Dan. A very poor signal was noted, sometimes above a mix of stations including an Oldies and a Talk station; confirmed via Tune-In Web stream. (PS-ON)
1490 WICY **NY**, Malone – 6/23 2314 noted with a "1490 WICY" ID into Classic Hits format. A poor to very poor signal was noted, just above the station mix. (PS-ON)
1600 WPDC **PA**, Elizabethtown – 7/6 2103 noted with Oldies format, clear "WPDC" jingle at 2106. A poor signal was noted before being lost in the station mix with WAAM, WHOL and WWRL; confirmed via Simple Radio Web stream. (PS-ON)

EDITOR'S NOTES

Thanks to Kraig and Paul for their logs in this edition. Thorold ON is located near Niagara-On-The-Lake, for those of us who check out the maps and/or GPS. This wraps up Volume 55... see you in Volume 56! 73 and good DX from NØUIH, the Florissant Valley Dial Twister



DX WORLDWIDE/TROPICAL BAND DX – Brandon Jordan – PO Box 338 – Rossville TN 38066
E-mail: dxwww.irca@gmail.com
all times UTC

Deadline – Sunday Midnight Central Time.

***** TRANS-ATLANTIC DX *****

- 171 **MOROCCO** Radio Mediterranee Internationale, Nador. JUL 2 0400 – Medi Un ID, Arabic talk; to good peak. [MC*Y-MA]
183 **GERMANY** Europe No. 1, Felsberg. JUL 2 0400 – French man and woman; noisy. [MC*Y-MA]
189 **ICELAND** RÚV Rás, Gufuskálar. JUL 2 0401 – Lounge jazz female vocal; fair. [MC*Y-MA]
198 **UNITED KINGDOM** BBC Radio 4, Droitwich et al. JUL 2 0400 – BB C news; poor in static crashes. [MC*Y-MA]
216 **FRANCE** Radio Monte Carlo, Roumoules. JUL 2 0400 – French news by woman; fair. [MC*Y-MA]
252 **ALGERIA** Radio Algerienne, Tipaza. JUL 2 0400 – Anthem, 5+1 pips (last higher pitch), fanfare music, French news by man; fair. [MC*Y-MA]
783 **MAURITANIA** Radio Mauritanie, Nouakchott. JUL 2 0400 – Man in Arabic; poor. [MC*Y-MA]
855 **SPAIN** RNE1, Murcia et al. JUL 8 0100 – 5+1 pips, fanfare music, Radio Nacional de Espana ID, news; to fair peak. [MC*Y-MA]
891 **ALGERIA** Chaîne 1, Algiers. JUL 8 0101 – Woman with news in Arabic; fair. [MC*Y-MA]
909 **UNITED KINGDOM** BBC Radio 5 synchros. JUL 9 0200 – BBC 5 Live ID; tough WABK-ME slop. [MC*Y-MA]
981 **ALGERIA** Chaîne 2, Ouled Fayet. JUL 8 0100 – Group vocal, French talk, pips (last one higher); to fair peak through slop. [MC*Y-MA]
1089 **UNITED KINGDOM** TalkSport synchros. JUL 8 0100 – Mention of website ending in ".co.uk"; poor.
+JUL 10 0300 – TalkSport mention; poor. [MC*Y-MA]
1098 **SPAIN** RNE5 synchros. JUL 8 0100 – Radio Nacional de Espana ID; poor. [MC*Y-MA]
1107 **SPAIN** RNE5 synchros. JUL 8 0100 – Fanfare music, "Radio Nacional de Espana, servicios informativos"; to good peak, some synchro echo. [MC*Y-MA]
1215 **UNITED KINGDOM** Absolute Radio synchros. JUL 10 0300 – Woman in English with advert; poor. [MC*Y-MA]
1530 **SAO TOME E PRINCIPE** VOA, Pinheira. JUL 10 0300 – Yankee Doodle interval signal; mixed with WCKY, WVBF; through slop. [MC*Y-MA]

***** PAN-AMERICAN DX *****

- 530 **CUBA** CMBQ, Radio Enciclopedia, Villa María. JUL 2 0300 – Piano version of "Vaya con Dios", samba theme, woman "Transmite CMBQ Radio Enciclopedia"; over Rebelde. [MC*Y-MA]
CUBA Radio Rebelde, Guantánamo. JUL 5 0200 – Sports talk //670 et al, alone on channel. [MC*Y-MA]
540 **DOMINICAN REPUBLIC** HICM, Radio ABC, Santo Domingo. JUL 5 0200 – Religious vocal, talk including "en Santo Domingo"; initially good, then into jumble.
+JUL 10 0300 – ID "Esta es Radio ABC"; atop CBT, WFLF. [MC*Y-MA]
MÉXICO XEHS, Los Mochis, Sin. JUN 27 1111 – timecheck for 5:11 – UT-6 zone. In summer, both Sinaloa and Chihuahua are synchronized. I am expecting to hear the usual La Ranchera de Paquimé, XETX in Nuevo Casas Grandes, Chihuahua, which IDs every few minutes, but next check at 1122 ID sounds otherly, and FM frequency as 90.9 instead of 90.5 as listed for XETX; and then a string of federal PSAs, mostly Salud. The //90.9 station on 540 is instead "La Mejor", XEHS in Los Mochis, Sinaloa. I get Sinaloans on 610 and 650 easily, including again today, but not this one, last logged October 9 2016 at 1226; could XETX be gone, migrated to FM-only? No, as in DXLD 17-48, XETX is in a list of only 5 Chihuahua stations that will stay on AM, as is XEHS among only 4 for Sinaloa. [GH-OK]

- 570 **COLOMBIA** HJND, Señal Radio Colombia, Bogotá (El Rosal). JUL 13 0101 – Radio Nacional de Colombia IDs by woman; dominant. {A} [MC*Y-MA]
CUBA Radio Reloj synchros. JUL 10 0259 – Reloj RR beeps; mixed with CFCB, WMCA, WSYR tangle. [MC*Y-MA]
MÉXICO XEBJB, Monterrey, NL. JUL 9 0539 – “BJB, tu estación, BJB, música regional mexicana”, ie XEBJB. Dominant, no sign of KLIF or anything else on the Panasonic RF-569D not much used for DX purposes [GH-OK]
- 580 **PUERTO RICO** WKAQ, San Juan. JUL 2 0400 – WKAQ cinco ochenta ID; over WTAG. [MC*Y-MA]
+JUL 10 0300 – Mention of politics, WKAQ cinco ochenta ID; mixed with WTAG. [MC*Y-MA]
- 600 **CUBA** Radio Rebelde, San Germán-Urbano Noris. JUL 2 0300 – Sped up 9-note sounder, organ theme, man “Rebelde la Habana, emisora de la revolucion”; loud. [MC*Y-MA]
PUERTO RICO WYEL, Mayaguez. JUL 12 0100 – Frequent WKAQ net IDs //loud 580; dominant. [MC*Y-MA]
- 610 **BRAZIL** ZYL268, Radio Itatiaia, Belo Horizonte. JUL 2 0400 – Excited Portuguese talk by man, electronic wolf whistle and sweep sound effects; briefly over jumble. [MC*Y-MA]
CUBA Radio Rebelde, Pinar del Rio et al. JUL 2 0300 – Splash sounds, sped up 9-note sounder //600; mixed with WGIR, WIOD. [MC*Y-MA]
MÉXICO XEGS, Guasave, Sin. June 27 1113 – banda music is way dominant, 1115 ‘El Madrugador’ program name (the early-morning man), DJ talk and back to music; by 1125, KCSP Kansas City Sports has taken over 610 for today. Not a matter of power or pattern change, as it’s one of those lucky grandfathered stations running 5/5 kW day and night, non-directional, though June marks its earliest sunrises of the year: 1045. XEGS is on the list of Sinaloans which will stay on AM a while longer at least, but not XETNT. [GH-OK]
- 640 **CUBA** Radio Progreso, La Habana-Guanabacoa//Jobabo (Las Tunas). JUL 2 0300 – Progreso theme music; over jumble. [MC*Y-MA]
+JUL 5 0200 – Talk //650; over CBN, YVQO. [MC*Y-MA]
- 650 **COLOMBIA** HJKH, RCN Antena Dos, Bogotá, JUL 13 0100 – Woman with RCN and Antena Dos mentions; fair. [MC*Y-MA]
CUBA Radio Progreso synchros. JUL 5 0200 – Progreso talk //640; over HJKH, others. [MC*Y-MA]
MÉXICO XETNT, Los Mochis, Sin. JUN 27 1113 – music en ‘Buenos Días, Larderos’ show (or Yarderos? Neither spelling gets a hit searching the Grupo Chávez website), not //sibling station 610 XEGS until they hook up for ‘Noticiero Altavoz’ news at 1200. 1118, long adstring mostly for food stores in Guasave anyway, such as tortillas, carnitas, mariscos; finally Radio 65 ID and something about a change concerning 106.5 FM “en pocos días”. Holds up longer than 610, with no WSM or anything else to bother 650. Sharp at the odd time of 1130, XETNT plays choral national anthem, after which repeats the announcement about 106.5. I suspect it’s going to be their *only* frequency as the original 650 will have to quit AM, but it’s fading now and I can’t copy all the details. [GH-OK]
- 670 **CUBA** CMQ, Radio Rebelde, Arroyo Arenas. JUL 2 0300 – Man “noticias de Cuba y el mundo”, organ //600; dominant over YVLL. [MC*Y-MA]
- 690 **CUBA** Radio Progreso, Santa Clara. JUL 2 0300 – Chime //640 at 0300:38; under CKGM. [MC*Y-MA]
COLOMBIA HJCZ, W Radio, Bogotá. JUL 13 0100 – W Radio ID; over Progreso, CKGM. [MC*Y-MA]
- 700 **BRAZIL** ZYK686, Nossa Radio, São Paulo. JUL 9 0159 – Portuguese male preacher; to good peak. [MC*Y-MA]
+JUL 12 0100 – Two women in Portuguese, then man; poor. [MC*Y-MA]
- 710 **CUBA** Radio Rebelde synchros. JUL 2 0300 – Organ theme, “Rebelde la Habana” //600, 670; mixed with WOR. [MC*Y-MA]
MÉXICO XEDP, Ciudad Cuauhtémoc, Chih. JUN 27 1112 – long-heard low-key preacher in slightly accented Spanish, the one who switches to Low German at times, but if he did it today, missed while checking other frequencies. This morning I am not hearing much if anything from the other Chihuahuans on 540, 700 and 730. Fortunately I manage to get some more shut-eye circa 1200-1330, but still a deficit calling for another afternoon nap [GH-OK]
- 720 **BRAZIL** ? JUL 9 0159 – Man in Portuguese; poor. [MC*Y-MA]
- 740 **CUBA** Radio Angulo, Sagua de Tánamo. JUL 9 0100 – Radio Angulo ID, 6 chimes; dominant over CHCM/CFZM. [MC*Y-MA]
- 750 **VENEZUELA** YVKS, RCR, Caracas. JUL 2 0401 – Choral version of Venezuelan anthem; over jumble. [MC*Y-MA]
+JUL 10 0101 – Man “RCR presenta”; fair, alone on channel. [MC*Y-MA]
- 760 **BRAZIL** ZYH588, Radio Uirapuru, Fortaleza. JUL 13 0059 – Man and woman in Portuguese, piano music; fair. [MC*Y-MA]
COLOMBIA HJAJ, RCN Radio, Barranquilla. JUL 5 0100 – 5+1 pips, Banco Popular mention, RCN La Radio net ID; good over WJR, WORA, Brazil jumble. [MC*Y-MA]
+JUL 13 0102 – News //770; over Brazil. [MC*Y-MA]
- 770 **COLOMBIA** HJJX, RCN, Bogotá. JUL 13 0102 – Spanish talk about a second ahead of //760; over WABC and Cuba. [MC*Y-MA]
- 800 **BONAIRE** PJB, TransWorld Radio, Kralendijk. JUL 5 0100 – Woman with Radio Transmundial ID; over others. [MC*Y-MA]
- 810 **COLOMBIA** HJCY, Caracol Radio, Bogotá. JUL 13 0100 – Caracol Radio ID; over WGY. [MC*Y-MA]
- 840 **CUBA** CMHW, DobleVé, Santa Clara. JUL 5 0100 – “Dobleve, transmitiendo desde Santa Clara”; over WXEW, Haiti, Brazil melange. [MC*Y-MA]
HAITI Radio-Télé 4VEH, Cap Haitien-Petite Anse. JUL 9 0101 – ‘Dashing Through the Snow’ 5-note electronic interval signal, then 4VEH ID in French talk by man; over others. [MC*Y-MA]
+JUL 13 0101 – Religious music, ‘Dashing Through the Snow’ interval signal, man in French; over UnID Spanish speaker. [MC*Y-MA]
- 850 **COLOMBIA** HJKC, Candela 850, Bogotá. JUL 13 0100 – Rustic Colombian group vocal; under WEEI. [MC*Y-MA]
- 860 **BRAZIL** ZYJ459, Radio CBN, Rio de Janeiro. JUL 8 0059 – Woman in Portuguese; over Spanish language station and CJBC. [MC*Y-MA]
+JUL 12 0059 – Woman in Portuguese; fair, alone on channel. [MC*Y-MA]
CUBA Radio Reloj synchros. JUL 5 0100 – Reloj ticks and beeps through pile-up. [MC*Y-MA]
PANAMA HOL55, Radio Reforma, Chitré/EI Ejido. JUL 12 0200 – Panama mentions, adverts including local contractor Grupo Moreno; over jumble. {A} [MC*Y-MA]
- 870 **CUBA** Radio Reloj synchros. JUL 2 0401 – Reloj news, ticks; mixed with WLVP. [MC*Y-MA]
- 890 **CUBA** Radio Progreso, Chambas. JUL 5 0059 – Progreso deep voiced announcer //640, 900; over WAMG. [MC*Y-MA]
- 900 **CUBA** Radio Progreso, San Germán-Urbano Noris. JUL 5 0059 – Progreso deep voiced announcer //640, 890; over YVMD, CHML. [MC*Y-MA]
- 940 **BRAZIL** ZYJ453, Rio de Janeiro. JUL 12 0202 – Portuguese male preacher; in jumble. [MC*Y-MA]
PUERTO RICO WIPR, San Juan. JUL 8 0059 – National Guard of Puerto Rico mention in English, then into Spanish talk; over Brazil.
+JUL 10 0300 – Woman in Spanish, WIPR ID, pop dance vocal; dominant. [MC*Y-MA]
- 960 **CUBA** Radio Reloj, Guantanamo. JUL 2 0400 – Reloj news; mixed with domestics. [MC*Y-MA]
+JUL 10 0300 – “Transmite Radio Reloj desde la Habana, Cuba”; dominant. [MC*Y-MA]
- 1000 **BRAZIL** ZYK522, Radio Record, São Paulo. JUL 8 0101 – Portuguese news by man; slightly over IBOC hash. [MC*Y-MA]
- 1070 **COLOMBIA** HJCG, Radio Santa Fe, Bogotá. JUL 9 0200 – ID “Escucha Radio Santa Fe”; over IBOC hash. [MC*Y-MA]
- 1170 **COLOMBIA** HJNW, Caracol Radio, Cartagena, JUL 5 0159 – Sports talk, Caracol Radio ID; over WWVA. [MC*Y-MA]
- 1180 **CUBA** Radio Rebelde synchros. JUL 5 0200 – Talk //670; over WHAM. [MC*Y-MA]
- 1220 **BRAZIL** ZYJ458, Radio Globo, Rio de Janeiro/Ilha do Pontal. JUL 2 0300 – Portuguese talk by man; briefly over domestic mix. [MC*Y-MA]
+JUL 8 0059 – Portuguese talk, Globo ID; to good peak. {A} [MC*Y-MA]

CONTRIBUTORS

- MC*Y-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_2017.htm
Receiver: Microtelecom Perseus
Antenna 1: Cardioid-pattern SuperLoop: 10m vertical by 11m horizontal (peak 165 degrees, null 345 degrees)
Antenna 2: Cardioid-pattern SuperLoop: 9m vertical by 20m horizontal (peak 90 degrees, null 270 degrees)
- GH-OK **GLENN HAUSER**, Enid OK (via direct and DXLD eGroup)
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.

73 and Good DX, Brandon



ASIA AND PACIFIC

AUSTRALIA: Tasmania is being asked for its input into a plan to upgrade three of the state's commercial AM radio stations. Under the plan, radio stations 7BU in Burnie (558 kHz) and 7AD (900) in Devonport would switch from AM to FM, while 7SD in Scottsdale (540) would be simulcast on both transmissions. "ACMA are said to be very receptive to a move by to convert the three remaining sites to FM" said Tasmanian Broadcasters Executive General Manager Tim Holder. "ACMA will facilitate a conversion if we are satisfied that audiences in regional areas do not lose important radio services under the proposal," ACMA chairwoman Nerida O'Loughlin said. Members of the public are invited to make submissions on the proposals to the ACMA by July 5. (WIA News via Ray Crawford via DX Dialog)

5RF Radio Italia Uno on 1629 kHz, broadcasting from Regency Park in Adelaide, SA with 400 watts has confirmed my reception at KONG of February 14th from 1428-1545. The station was previously known as Niche Radio Network and Rete Italia Network. Hot Country from Dalby, QLD was also present on the channel together with 4 other carriers and last autumn Vision Christian Media in Dubbo NSW was noted. Both these were recently verified too. The station's president Ted Iuliano describes the station: "Radio Italia Uno came into existence after a long period of reflection of a group of people who are passionate about the Italian-Australian community and look to the future with an eye on the past. The history of the Italian community of Adelaide is one of the most interesting chapters of Italian emigration...The voice of Radio Italia Uno will enter your homes with great respect towards you, the listeners, and high regard for your ideas and needs. It is an information project and a service to the community complemented by great music intended to keep you company every day." See <http://radiounoadelaide.com.au/>. You will also enjoy Lloyd Butler VK5BR's excellent essay: "Amplitude Modulated (AM) Broadcast Stations in South Australia" at http://users.tpg.com.au/ldbutter/Broadcast_Station_History.htm. (Svenn Martinsen via DXing.info via nzdxt)

Listeners of Bathurst commercial AM radio service 2BS Gold may soon have to change the dial if a proposal by the station is accepted by the Australian Communications and Media Authority (ACMA). The proposal would see the station swap its AM frequency to FM, moving from 1503 AM to 95.1 FM. 'FM radio provides improved audio quality for listeners in regional areas and can be more cost-effective to operate than AM radio,' said ACMA Chair, Nerida O'Loughlin'. A number of regional commercial radio stations are seeking to convert their services to FM under an industry-led conversion program. ACMA will facilitate a conversion if we are satisfied that audiences in regional areas do not lose important radio services under the proposal. We now want to hear from the local Bathurst audience their views on the conversion proposal,' Ms O'Loughlin said. Submissions on the Bathurst proposal are due by 8 June, 2018. More information about AM-FM conversion is available here. If the ACMA decides to approve the conversion, the timing of the transition would be up to the broadcaster. For more information please contact: Emma Rossi, Media Manager, (02) 9334 7719, 0434 652 063 or media@acma.gov.au. (Media release 12/2018 – 10 May via Craig Seager, ARDXC)

Interestingly, the consultation paper also references a request for an AM-FM conversion from Midwest Radio Pty Ltd (Midwest), the commercial radio broadcasting licensee of the AM service 2LT, in the adjacent licence area of Lithgow RA1. Given the proximity of the two markets, ACMA compared the spectrum efficiency of allocating the 95.1 MHz frequency to either the Bathurst (2BS) or Lithgow (2LT) services. An alternative FM frequency has since been identified for the Lithgow operation. (Craig Seager, ARDXC)

COOK ISLANDS: Radio Cook Islands, 630 Rarotonga, Cook Islands, 2.5 kW. Located 164 miles (264 km) south of my DXing site, it was pretty obvious why this obscure station is so tough for distant DXers to track down. After sunset it had multiple strong co-channels on the frequency (RNZ and ABC), and even just after its sign on at 1556 the 5+1 pips from RNZ were clearly audible at 1600. The station has multiple issues, with a disastrous live microphone, audio amplitude varying widely between different programs, noticeable audio hum on the signal, etc. It signs on at 1556 and signs off at 0958, unless there is a weather emergency in the area (as there was with tropical cyclone Keni on April 9), in which case it switches to an RNZ satellite feed overnight until sign on at 1556 (thanks to Bryan Clark for ID of the station). The station is obviously a low budget operation, with no special sign on or sign off message, automated time mentions, and (typically) strings of recorded island music with no live announcer. The only live announcers I heard during the week were during a Sunday morning recorded church service on April 8, and just after sign on (with the dreadful microphone) on April 12th.

Here is the full sign on routine at 1556 on April 12, with the horns, apparent national anthem, English ID, drums, and finally the live female announcer with the dreadful microphone (cutting off almost all the high frequencies, resulting in legendary poor audio). The weakness of the signal at 1600 allows the 5+1 time pips from 630-RNZ to be clearly heard at the 4:30 point in the recording <https://dreamcrafts.box.com/s/xqonh9iz57w22ebzwxw42krugu3rvyikx>.

This recording of a church service at 1724 on April 8 was the only one I made on Rarotonga, the site of the transmitter. It features a live male announcer at 1:10 into the recording with an English "It's 7:25, that's your time with your National Voice" ID. At 1:44 into the recording one of the station's major issues is on full display – the sudden amplitude increase of the transmitted audio <https://dreamcrafts.box.com/s/rfe2u3m3px4xmossujtilxw8v1k3jtg>.

During most hours of the day the station runs a fully automated operation, with strings of recorded island music interspersed with recorded male-voiced station ID's and female-voiced time checks, as at 0706 on 4/9 <https://dreamcrafts.box.com/s/oegfjznhbqgw0evy9xuzqbu428xd3114y>.

There is no special sign off message at 0958 (2358 local time), when the power is cut. There is a recorded station ID and time check at 0957, though, as in this recording at 0956 on April 9th. The weakness of the station around local midnight can be heard, with a strong co-channel pestering the signal before the unceremonious switch to the RNZ satellite feed at 0959. This was due to the tropical cyclone Keni weather emergency in the South Pacific area on April 9th; on normal days the transmitter power is simply cut off at 0958 (2358 local time), with no warning or fanfare <https://dreamcrafts.box.com/s/bqwt51m0ezhdyyqayqkfj8j8fbiryar>. (Gary DeBock DXing on Aitutaki, Cook Islands from April 8-13)

GUAM: KVOG at Agaña on 1530 has been granted a Special Temporary Authority (STA) with U1 150 watts day and night, from a 20 foot vertical whip antenna at 13-27-21 N/144-42-29 E. (via NRC)

HAWAII: KKON Kealakekua on 790 has been silent since 30 June 2017; came back on the air on 11 June 2018. (via NRC)

INDIA: "All India Radio: Facts at a Glance dated 23 May 2018" is available in their website as follows which gives lot of interesting info. Eg New 100 kW SW transmitter at Delhi started on 12 April 2018, Details of SW transmitter currently off air etc <http://allindiaradio.gov.in/Profile/Factss%20at%20Glance/Pages/default.aspx>. (Jose Jacob, VU2JOS, dx_india)

DRM Digital Radio broadcasting in India – Updates <http://www.drm.org/drm-digital-radio-broadcasting-in-india/>. (Alokesh Gupta, dx_india)

NEPAL: Government broadcaster Radio Nepal used to stream five of their regional radio services from its main website [radionepal.org.np] but then dropped them and reverted to just streaming their main national service. Now one of these regional services – Radio Surkhet – has set up its own website with live audio streaming at <http://www.radiosurkhet.org.np>, broadcasting in Nepali (and possibly other local languages) and English. Only 90.2 MHz FM is announced on air and cited on the website – no mention of their locally-sited 576 kHz mediumwave frequency, which presumably only relays Radio Nepal's national service. (David Kernick, Interval Signals Online via WOR to group 6/5-2018)

EUROPE, AFRICA, AND THE MIDDLE EAST

ALGERIA: On 30 June and also on 01 July, Alger Chaine 1 was putting an extremely strong signal into the UK on 891 KHZ after dark. Very good reliable signal with narrow-band but clear modulation. Maybe they will be using this frequency regularly again. It could well be using 700 KW, but as the hop here in the UK after dark is shorter than it is in Winter, the signal strengths vary dramatically, with the closer sky-wave signals coming in louder in the Summer, and the strong DX stations all being much weaker in strength. (Dave Angell, mediumwave.info 02/07-2018)

BELGIUM: RTB-F slowly leaving the MW. Since May 31st on 621 kHz, only from 0400 to 1800. Full details (in French) below. https://www.rtbf.be/lapremiere/article/detail_la-rtbf-prepare-la-fin-de-la-diffusion-en-ondes-moyennes-am-de-la-premiere-et-de-ivacite?id=9948670&utm_source=lapremiere&utm_campaign=social_share&utm_medium=email_share. (Christian Ghibaud mediumwave.info 18/6)

IRAN: Iran Radio of IRAN has made some major changes in their AM frequency network. 585 Tehran (formerly used by Radio Farhang) has now moved to 558 kHz and carries national channel Radio Iran. 585 is now used at Gheslagh site for Farhang. Also several transmitters, which used to broadcast on various QRG have now been re-tuned into 558 kHz with Radio Iran making this one big network, including 1x600 kW, 1x500 kW, 1x400 kW, 5x200 kW, 2x100 kW, 3x50 kW. Source:http://www.mwlist.org/mwlist_quick_and_easy.php?area=1kHz=558 (very right column). (Michael Kraus mediumwave.info 28/4-2018)

NETHERLANDS: More information/pictures on Euregio Radio's medium wave activity (891 kHz) can be found at <http://euregioradio.per.nl/index.php/een-nieuw-radiogeluid-op-de-middengolf-891/> (in Dutch). (Dr Hansjoerg Biener, mediumwave.info 8/5-2018)

On 1 July new British oldies station Cyber Gold started operation on DAB+ for the Surrey and North Sussex area and also on 1602 kHz from the Netherlands between 05:00-17:00. The latter replaces KBC Radio in that slot and is coming from a 1kW transmitter on the former lightship 'Jenni Baynton' which is moored in Harlingen harbour (NW Netherlands), or, as one of their jingles claims: "Direct from the radio ship Love and Peace, at anchor in international waters off Fantasy Island". Outside those hours Radio Seagull is aired – you can hear an edited clip of the handover from Seagull to Cyber Gold at http://www.intervalsignals.net/sounds/ukg-cyber_gold_1602kHz_030718.mp3. (David Kernick, WOR ig 3 July)

ROMANIA: New public regional station in Transylvania (AM 1197, 1593 kHz and FM) planned. "From 1 October 2018, Romania will have another public regional broadcaster. On 24 May, the Board of Directors of the Romanian Broadcasting Corporation decided to establish the new regional studio Brasov (Kronstadt). Radio România Brasov FM is formed by merging the sub-divisions Antena Brasovului of Radio Târgu Mures and Antena Sibiului of Radio Cluj. Brasov FM will serve the Transylvanian counties Brasov and Sibiu, where the presence of the public service media was so far only weak (according to the statement). The potential audience consists of the approximately 1 million inhabitants of the two counties and the numerous domestic and foreign tourists visiting the region. Radio România Brasov FM will broadcast from 1 October 2018, initially on 93.3 MHz FM and AM 1197 kHz for Brasov and 1593 kHz for Sibiu. More FM frequencies will be added later. The program will be predominantly in Romanian, but there will also be programs in the languages of local minorities, Hungarian and German." (Sorin Georgescu, German mailbag program of Radio România International, 27 May 2018, http://rri.ro/de_de/horerpostsendung_2752018-2582136, translated by Dr Hansjoerg Biener, via mediumwave.info 29/5-2018)

SAUDI ARABIA: Saudi Arabia opened a new front in the civil war in Yemen with the launch of Determination Radio (Itha' Huna Al-Azm) last September. The troop-supporting station is the latest initiative in a cross-border conflict taking place on air, sea and land. Determination Radio is a service of the country's Ministry of Culture and Information and is implemented by the Saudi Broadcasting Corporation, or SBC. Coming on the air with the slogan, "The Voice of Truth," opening ceremonies included a cake-cutting attended by various dignitaries. The director of the station is Ayman Al-Radadi. The station's audience is the Saudi military deployed in the country's southern border provinces of Jizan and Najran, according to Saudi media reports.

Determination Radio airs both recorded and live programs in Arabic, with at least some of the shows originating from studios in Jizan. The station started out with 12 hours of daily programming, but expanded it to 24 hours after a few months. Programs include "Southern Shield," "Southern Pulse," "The Homeland Unites Us," "Peaceful Kingdom" and "Yemen Through the Eyes of Its Sons." At least two programs are devoted to explaining whom the troops are fighting: "Pirates" and "The Spider's Web."

Determination Radio is an all-band radio station. On AM, they transmit on 549 kHz from the seaside border town of Jizan with 1 kW and from Najran with 747 kHz with 10 kW. These outlets previously carried the SBC's General Program. The station announces a number of FM frequencies. There are two in Jizan province, one on 107 MHz in Farsan, a town in a group of islands in the Red Sea, and another in the mountain resort of Fifa on 99 MHz. In Najran province, they are on 107 MHz in Khubash. The previous status and transmitter powers for these outlets is not known. An additional transmitter on 94.9 MHz broadcasts from South Dhahran with 100 kW and previously carried Radio Jeddah.

Shortwave is transmitted on 11745 kHz in the 25 meter band. The shortwave frequency is apparently for those outside the coverage of the AM and FM frequencies. Depending upon the time of day, either the site at Riyadh or the Al-Khumra site in Jeddah is used, but which site is used at which time is not public knowledge. The most likely transmitter to be used at Al-Khumra would be one of the 250 kW Continental transmitters installed in 2011. At Riyadh, there are a number of high-powered transmitters that could be used with powers up to 500 kW. Directional curtain antennas are used at both sites.

Determination Radio's shortwave setup has advantages and disadvantages. A single shortwave frequency in use 24 hours per day certainly makes for easier branding. It can also be easier for listeners who will never have to re-tune their radios. Choosing a frequency in the middle of a broadcast band ensures that all shortwave sets will be able to tune into the frequency. Having said that, a shortwave station employing a single transmitter will typically use different frequencies depending upon the time of day and year in order to optimize reception in the target area. Some stations use multiple transmitters operating on different frequencies to maximize coverage. Stations using shortwave for international broadcasting also ideally coordinate their frequency selection through the High Frequency Coordinating Conference. Working through the HFCC can minimize possible interference from other stations that might want to use the same or adjacent channels.

When Determination Radio started in late 2017, 11745 kHz was an excellent selection, coordination-wise. The frequency was an open channel, that is, no other stations were using it. Although the Saudis register their other services, they did not do so with Determination Radio. This left the impression that the frequency was not in use. Now some other stations have started to use the frequency at certain hours, resulting in potential co-channel interference to Determination Radio.

The station also announces that they are on Arabsat 5, a satellite used extensively by Saudi Arabia for television and radio services.

Saudi Arabia is supporting its troops with this new service. With long-broadcast hours, much original programming, and a massive all-band effort, this is an extensive and expensive operation. Even though we are almost a quarter into the 21st century, radio broadcasts can remain the most important means of communication in a crisis. (Hans Johnson, Radio World 15 June 18. <https://www.radioworld.com/global/saudi-arabia-puts-radio-to-work-in-yemeni-conflict>)

UKRAINE: The only MW-stn broadcasting 24 hours is 873 kHz. 549 kHz is off between 2100 -0300. (Vladimir Titarev via Mauno Ritola, ARC 8.5.2018)

UNITED KINGDOM: Absolute Radio has closed the following transmitters: 1197 Wallasey (18th June), 1215 Hull (19 June). In addition, for Absolute Radio, Plymouth and Swindon transmitters are also reported to have closed. (James Robinson, mediumwave.info 20/6-2018)

Absolute Radio transmitters appear to have closed as follows:

15 May Hoo (1197 kHz)
17 May Dundee (1242 kHz)
18 May Guildford (Pirbright) (1260 kHz)
19 May Sheffield (1233 kHz)
19 May Cambridge (1197 kHz)

But Hull appears to still be on. (James Robinson, mediumwave.info 24/5-2018)

WESTERN HEMISPHERE

BRAZIL: (via Arctic) Until today a total of 404 Brazilian AM stations has got permission to migrate from AM to FM. According to information received from Rudolf Grimm the following AM radio stations have migrated to FM and closed down AM transmitters:

570 ZYH890 Radio Cidade Esperança, Imperatriz (MA06)	1140 ZYI453 Radio Difusora Juara, Juara (MT47)
590 ZYH285 CBN Amazonia, Manaus (AM13)	1140 ZYJ748 Radio Coroado, Curitiba (SC35)
610 ZYI425 Radio Celeste, Sinop (MT04)	1160 ZYH478 Radio Silvestre, Itaberai (GO42)
670 ZYI408 Radio Patriarca, Cassilândia (MS23)	1160 ZYI674 Radio Cariri, Campina Grande (PB11)
670 ZYI436 Radio Atitude, Lucas do Rio Verde (MT44)	1160 ZYJ767 Radio Difusora, Laguna (SC37)
690 ZYJ252 Radio Difusora Ponta Grossa (PR14)	1180 ZYN602 Radio Ativa, Campo Grande (MS34)
740 ZYN403 Radio Cidade, Alto Araguaia (MT25)	1190 ZYH800 Radio Rio Vermelho, Silvânia (GO35)
740 ZYK519 Radio Assunção, Jales (SP93)	1190 ZYJ309 Radio Pontal, Nova Londrina (PR59)
760 ZYK222 Radio Princesa do Jacuí, Candelária (RS28)	1210 ZYK545 Radio Bandeirantes, Araçatuba SP123)
770 ZYJ922 Radio Atalaia de Sergipe, Aracaju (SE05)	1230 ZYK297 Radio Santiago, Santiago (RS146)
780 ZYH657 Radio Seara, Nova Russas (CE55)	1250 ZYL282 Radio Difusora, Poços de Caldas (MS73)
780 ZYJ751 Radio Brasil Novo, Jaraguá do Sul (SC54)	1250 ZYJ233 Radio Paranavaí, Paranavaí (PR63)
890 ZYJ745 Radio Clube, Canoinhas (SC52)	1250 ZYJ211 Radio Difusora, Guarapuava (PR62)
890 ZYK703 Radio Cidade, Matão (SP127)	1290 ZYL345 Radio Cidade, Arcos (MG164)
900 ZYK207 Radio Imbiara, Araxá (MG86)	1310 ZYH501 Radio Jaraguar, Jacobina (BA63)
900 ZYJ272 Radio Sant'Ana, Ponta Grossa (PR27)	1350 ZYL214 Radio Cultura, Poços de Caldas (MG82)
910 ZYH645 Radio Verde Mares, Sobral (CE61)	1400 ZYJ299 Radio Fronteira d'Oeste, Terra Roxa (PR87)
930 ZYL237 Radio Ibituruna, Governador Valadares (MG87)	1410 ZYJ799 Radio Nambã, Ponte Serrada (SC100)
950 ZYJ239 Radio Difusora, Irati (PR114)	1420 ZYL286 Radio Difusora, São João Nepomuceno (MG88)
960 ZY217 Radio Legendária, Lapa (PR109)	1420 ZYI420 CBN Cuiabá, Cuiabá (MT03)
960 ZYK291 Radio Imembuí, Santa Maria (RS48)	1420 ZYJ744 Radio Cultura, Campos Novos (SC60)
970 ZYL231 Radio Central, Monte Alegre de Minas (MG47)	1430 ZYL239 Radio Clube, Guaxupé (MG91)
970 ZYK744 Radio Alvorada, Estrela d'Oeste (SP215)	1440 ZYJ797 Radio Educadora, Taió (SC82)
990 ZYJ293 Radio Najuá, Irati (PR128)	1450 ZYK587 Radio Difusora Guararapes (SP166)
990 ZYK314 Radio Tupã, Tupanciretã (RS51)	1460 ZYJ251 Radio Cultura, Apucarana (PR98)
1050 ZYJ867 Radio Verde Vale, Braço do Norte (SC26)	1470 Radio Panorama, Itapejara d'Oeste (PR172)
1060 ZYJ289 Radio Colorado, Colorado (PR43)	1480 ZYH508 Radio Alvorada, Guanambi (BA61)
1080 ZYJ201 Radio Clube Pontagrossense, Ponta Grossa (PR47)	
1120 ZYL301 Radio Sete Colinas, Uberaba (MG60)	
1120 ZYI687 Independência, Catolés do Rocha (PB10)	

1480 ZYJ270 Radio Educadora, União da Vitória (PR107)
1480 ZYJ221 Radio Brotas, Pirai do Sul (PR153)
1480 ZYK244 Radio São Roque, Faxinal do Soturno (RS100)
1480 ZYK321 Radio Veranense, Veranópolis (RS127)
1490 Radio Conti, Vila Rica (MT53)
1500 ZYL215 Radio Montanhesa, Viçosa (MG101)

1510 ZYJ216 Radio Educadora, Wenceslau Bráz (PR113)
1520 ZYJ538 Radio Guairacá, Terra Rica (PR156)
1530 ZYH479 Radio Cultura, Guanambi (BA43)
1560 ZYK369 Radio Poata, São José do Ouro (RS172)
1560 ZYK679 Radio Valparaíso, Valparaíso (SP248)

COLOMBIA: Blu Radio network on MW: 960 HJHX Blu Radio, Bucaramanga and 1090 HJOM Cartagena are full-time relays of Blu Radio. 1090 HJBB Click Radio, Guamo, Tolima is a part-time affiliate to Blu Radio. So are also 1040 HJBF La Voz del Norte, Cúcuta, 1150 HJBT Emisora Diocesana Radio Catatumbo, Ocaña, and 1370 HJNI Radio Sabanas, Sincelejo.

Other Colombians: 1080 HJAX La Voz de Antioquia, ex-La Voz de la Nostalgia, both found on the La Voz de la Nostalgia website. 1190 HJCV "11-90 AM", slogan: "con la música que te gusta". Alternate name for Radio Cordillera. 1340 HJFB Amor Bogotá 1340 AM "Años Maravillosos". Format: Nostalgia from 60's and 70's. (Henrik Klemetz, Arctic)

DOMINICAN REPUBLIC: Dominican stations as heard (and IDed) with Kiwi SDR-Santo Domingo between 2300 and 1400:

540 Radio ABC, Santo Domingo	1080 Radio RPK "la más deportiva" (Santo Domingo)
570 Radio Cristal (Santo Domingo)	1150 Onda Musical (Santo Domingo)
590 Radio Santa María, Santiago	1200 Radio VEN, Santo Domingo
620 Radio Santo Domingo (Santo Domingo)	1240 Radio María (Santo Domingo)
650 Radio Universal (Santo Domingo)	1310 Radio Real (La Vega)
660 Radio Visión Cristiana, Santiago	1330 Radio Visión Cristiana (Santo Domingo)
710 Red Nacional Cristiana, Santo Domingo	1410 Radio Tricolor (Santo Domingo)
830 HJJB, Santo Domingo	1430 Radio Emanuel (Santiago)
870 Radio La Vega (La Vega)	1440 Radio Impactante 14-40 AM (Santo Domingo)
950 Radio Popular (Santo Domingo)	1510 Radio Pueblo (Santo Domingo)
990 Radio Eternidad (Santo Domingo)	1640 Radio Juventus don Bosco, Santo Domingo

The following Santo Domingo stations listed in WRTH have not been heard during my limited monitoring time: 600 Celestial 600 1360 Radio Tropical 730 Radio HIZ 1580 Radio Amanecer 760 Global AM 1600 Radio Revelación de América 1120 Radio Metro Hit. (Tetsuya Hirahara 6.5.2018, via Arctic)

MÉXICO: The AM band continues to lose stations as some of the Combos of '94 get out. 590 XEBH La Mejor, Hermosillo, 710 XELZ Capital FM, Torreón, 720 XEUV Magia Digital, Mazatlán, 1050 XEQOO Imagen, Cancún, 1170 XEZZ Radio Hit, Coatzacoalcos, 1280 XECAM Kiss, Campeche, and 1400 XEVI Exa FM, San Juan del Río already said goodbye to their AM frequencies. They've been joined by several more stations: 830 XEDR Digital 99.5, Guaymas 860 XENW Máxima 103, Culiacán 1390 XETL Radio Ola, Tuxpán 1430 XEOX, Exa FM, Ciudad Obregón. (Raymie's México Beat via DXLD)

PERU: 1620 Radio Choquechamaca, Chamaca in the province Chumbivilcas in Cusco has been logged. (Information from Henrik Klemetz via Arctic)

The following info has been gleaned from SDR files, courtesy of roving American DXer Don Moore. The recordings were made from noise free sites, with little or none AM activity, at Huamachuco near Trujillo, La Libertad and San Ramón, halfway between Oxapampa and Tarma, Junín, in April and May, 2018. I have tried to include info differing from other sources such as the WRTH 2018 edition.

580 Radio María, Lima, heard everywhere in northern Peru. Radio Maraño, Jaén, unheard at night, audible under Radio María only on one occasion at 0900.
600 (599.998) La Voz de la Liberación relay for Trujillo. ToH announcement given as Radio Onda de Paz. (Not "Ondas"). Chuch address: Daniel Alcides Carrión 306, Trujillo.
650 No local signal in Trujillo.
710 Radio TurboMix has lost most of its punch since moving from their previous channel, 1540.5.
710 (710.256) RPP, Ica relay. Also noted on (710.245) and (710.263).
740 La Voz de Salvación programme, presumably from Radio Visión, Huancayo.
740 (740.020) Radio Ilucán, Cutervo s/off 0400.
780 Radio Victoria, Lima, relaying La Voz de Salvación from Lima church, ex-Cine Tacna, Avenue, Tacna 552, from @0200 to 1100. (See 930)
790 RPP, Trujillo relay is spot on frequency.
800 Radio Visión, "la radio con corazón, Baja Cajamarca, relaying La Voz de Salvación. Web: visionradioperu.com
810 No local signal in Trujillo.
830 No local signal in Trujillo. Listed Radio Educación appears to be active from Piura only, IDing as Radio UPAO. Radio Nacional relay listed as Tacna was heard on this frequency in Trujillo.
840 La Voz de Salvación programme, presumably relayed by Radio Visión, Casma.
880 (879.984) Radio Sintonía, Trujillo, slogan: "la señal de respeto". Format: quacks, folklore.
930 (929.992) Moderna, radio papá, Lima relaying La Voz de Salvación in //with Radio Victoria 780 @0200 to past 1000.
940 (939.995) Radio Cutervo, signing off at 0500.
1070 Radio Vida. QTH in the WRTH mentioned as José Leonardo Ortiz, which is part of Chiclayo
1080 Radio La Luz, Lima, heard in San Ramón, mixed with Sistema 2, Guayaquil. Seems to be the only active MW frequency for this network. None of the remaining frequencies listed in the WRTH have been noted.
1120 (1120.005) Radio Dinámica, Trujillo, slogan: "Dinámica, qué bacán". Wobbler in ECSS mode, unnoted in AM unless tuning +/-10 kHz. Format "curanderismo" (healing by quacks), "folklore". 1125.7 Radio Nuevo Tiempo, presumably Pucallpa, is still on this offset.
1140 (1140.278) RPP, Pilcomayo relay. Also noted on (1140.251).
1160 Radio Libertad, Trujillo, heard only in the local morning; otherwise only streaming audio featuring the station's news service called "La Voz de la Calle" which is also available online.
1180 (1180.7) Radio Libertad de Junín, Junín, remains on this offset.
1210 (1210.06) La Voz de la Liberación, supposedly from Ondas de Paz, Huánuco – No local station in Trujillo on this frequency.
1230 Radio Fe, Cajamarca. Studio address given as Las Dalias 147, Cajamarca.
1240 Radio Cumbre, Huancayo, appears to s/off at 0000. At 0200 Radio Líder, Arequipa, is in the clear.
1260 (1260.005) Powerful relay of Radio Cielo 1010. Location Trujillo. Unlisted in the WRTH.
1290 (1289.851) Radio Exito, La Oroya, "programa naturista". – No local station in Trujillo on this channel.
1290 (1290.004) RPP, Tumbes relay.
1330 Radio Fe, Trujillo, heard in the early morning only.
1340 Radio Alegría, Lima, slogan: "tu mejor compañía".
1390 No local signal in Trujillo.
1400 (1400.003) Radio Agricultura, Cajamarca, on a crowded frequency.
1410 No local signal in Trujillo. Only Radio Corporación Wayra, Juliaca (1409.820) and/or Corporación Wayra, Juliaca (1409.820) and/or RCG in Gualaceo, Ecuador.
1440 (1439.915) "Desde la ciudad mensajera de paz, Villa Salvador, sur de Lima, transmite Radio Imperial 2". Crowded channel.
1450 Radio San Juan, Trujillo, inactive on this channel, heard via their internet stream only.
1490 Radio Cadena Sur, Cusco, ending a relay of La Voz de la Liberación at 0100. Then into ordinary programming. (No other station from Cusco heard during the whole trip).
1510 (1509.851) Radio Tarma, Tarma. Closes down early, by 0100.
1540 (1540.021) Radio Mundial, Trujillo, slogan: "cobertura sin límites". Ironically this is true: well heard at a distance, but not locally.
1540 (1540.130) Radio Corporación, Cerro de Pasco.
1590 (1590.035) (Radio) Regional, San Marcos, Cajamarca. This station was heard from all locations visited by Don Moore.
1600 Presumably Radio Nuevo Tiempo, Huancayo, with phone-in programme In Spanish and Quechua at 1100.
1620 (1620.023) UniD with political announcements in Quechua related to Chamaca, Cusco. I asked David Torres Boza, owner of Radio Kalikanto, ex-1640, and was told that this new station is Radio Choquechamaca, located in Chamaca.
1650 Only in AM mode, Radio Santa Rosa, at San Ignacio. Don Moore believes it is a place called San Ignacio in the Otuzco province of La Libertad.

Additional info based on a file recorded by John Fisher in Chota, Peru, 2018-05-23. All stations local exc. where indicated. 610 Usual ID is "Santa Mónica Radio". 650.015 Wobbler, no ID, presumably listed Radio Bendición Cristiana, Huambos. 780.008 Weak signal, no ID, from listed Radio Coremarca, Bambamarca 980 "Andina Radio", signal too strong for the HSDR programme to handle, resulting in spurs all over the band. 1120 Local signal, no ID, religious programming. Word from Irma Peralta Rojas says there is no Frecuencia Líder in Bambamarca contrary to WRTH info. A Google search shows Radio Paz, Jr Santa Rosa 399, Chota. I suppose that was the station heard. 1162.498U Presumed Radio Siglo XXI, noted on LSB and AM on a clip from the Sauce location 30-11-17. Useless signal on LSB, OK on AM and USB. No ID, only music and ads from Chota. 1299.0 Crystal clear signal from local Radio Estelar. 1310.014 Radio Chota, also "Chota la radio" and "Radio Chota, la poderosa" Better on AM than ECSS. Slogan pronounced "ere che", as Ch sometimes is mentioned as a separate letter in the Spanish alphabet. 1420 Radio La Positiva, Bambamarca, very good.

General DXing conditions in northern Peru One Venezuelan noted, 1090, two Argentineans, 1620 and 1270, a couple Brazilians, many Colombians and Ecuadoreans, a few North Americans, such as Radio Martí on 1180, an UnID US news station on 1640 and XEZAR, Mexico, on 1650. I did not notice any stations from Bolivia, Paraguay, Uruguay or Chile. And nothing from Central America or the Caribbean either. It is interesting to notice that the magnetic equator, which cuts Peru in two halves, roughly by the latitude of Lima, does have some bearing on what stations can be heard. Stations located south of the magnetic equator are not always audible in the north where Don Moore was travelling. On the other hand, many of the Lima stations were really powerful, 580, 700, 730, 880, 990 and especially 1010. Among the Ecuadoreans, the stations in the south and in Guayaquil were predominant. From Colombia, Bogotá was heard but not one single station from Medellín or Barranquilla. In general, the band would open nicely just after sunset and again, including some long-haul reception, about one half-hour prior to local sunrise. (Compiled by Henrik Klemetz, Arctic)

VENEZUELA: Additional inactive stations: 850 Radio Fe y Alegría, Maracaibo, 890 Reloj Radio América, Valencia, 940 Radio Punto Fijo, Punto Fijo, 1180 Radio Maturín, Maturín, 1430 Radio Caicara, Caicara del Orinoco. (Cadena DX via José Elías Díaz Gómez via Henrik Klemetz, Arctic)



DXpeditions – Phil Bytheway – 9705 Mary NW – Seattle WA 98117-2334
E-mail: DXM.EiC@gmail.com

Masset DXpedition 25 June-1 July 2018

6/1. I just returned home from a very busy week in Masset, my DX cottage on Haida Gwaii off the north-west coast of British Columbia. Despite the lack of SW stations, the almost zero noise floor allowed for some pretty good DX, including the final broadcasts from RVA in the Philippines. This time, I used only 2 antennae: my stalwart NW BOG, and the NE/SW ALA 100 magnetic loop. Both performed well. LSR was shortly after 04:00 local, but I was still able to DX at those times for each day, besides 2. Both Perseus receivers accompanied me, along with 2 laptops, and my AOR 7030+ receiver. As always, feedback is welcome, and any errors are my own! 73, Walt Salmaniw, Victoria, BC



- 891 **AUSTRALIA** 4TAB, Townsville, Radio TAB. 6/28 1158. Interesting propagation on the MW band this morning. The top half has just dropped off (after being decent 30 minutes ago), leaving the bottom half solidly Down Under. Racing commentary, without any TOH ID. There's a weak co-channel as well giving a SAH. Also in English giving a phone number, but not sure whether still TAB or another. I see ABC Adelaide is listed co-channel with 50 kW, and the only other possible is Magic from Wellington NZ with 5 kW. Not sure. By 1203, both are there, and TAB definitely sounds different than the co-channel (that gave the phone #). At 1204, weather report. I'm pretty sure they said Adelaide. (Salmaniw, Masset BC)
- 1098 **MARSHALL ISLANDS** V7AB, Majuro. 6/28 1216. Strong buzzy OC is all I've been hearing since arriving in Masset several days ago. Particularly strong this morning. (Salmaniw, Masset BC)
- 1440 **JAPAN** JOWF, Sapporo. 6/29 1225. Solidly back to Asian conditions this morning compared to DU the past couple of days. Good reception this morning, well over anything domestic. Little evidence of anything DU today. (Salmaniw, Masset BC)



GEOMAGNETIC INDICES – Compiled by: Phil Bytheway
E-mail: phil_tekno@yahoo.com

Geomagnetic Summary June 1 2018 through June 30 2018

Tabulated from WWV on-line status daily (K @ 0000 UTC).

Date	Flux	A	K	Space Wx	Gx	Rx	Sx
6/ 1	75	26	3	minor, G1	6/11	70	4 2 no storms
2	74	17	4	no storms	12	70	4 1 no storms
3	74	9	2	no storms	13	71	5 2 no storms
4	71	5	1	no storms	14	72	5 1 no storms
5	71	6	1	no storms	15	71	4 1 no storms
6	71	7	2	no storms	16	71	3 1 no storms
7	69	6	2	no storms	17	71	5 2 no storms
8	68	4	0	no storms	18	71	19 2 minor, G1
9	67	4	1	no storms	19	77	6 1 no storms
6/10	70	4	1	no storms	6/20	82	5 1 no storms
					6/21	82	3 0 no storms
					22	80	4 1 no storms
					23	77	16 4 no storms
					24	75	7 2 no storms
					25	73	12 5 minor, G1
					26	71	20 2 minor, G1
					27	70	7 3 no storms
					28	70	5 1 no storms
					29	69	4 0 no storms
					6/30	69	4 1 no storms

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

"DX Monitor" publishing schedule for Volume 56 (yes, I will continue as EiC – pb)

Issue	Volume	Deadline 6PM	Masthead Date	Event	Issue	Volume	Deadline 6PM	Masthead Date	Event
1778	#56-01	08/13/2018	08/18/2018	Beginning of Volume 56	1797	#56-20	01/14/2019	01/19/2019	
1779	#56-02	08/27/2018	09/01/2018		1798	#56-21	01/21/2019	01/26/2019	
1780	#56-03	09/10/2018	09/15/2018		1799	#56-22	01/28/2019	02/02/2019	
1781	#56-04	09/24/2018	09/29/2018	First Weekly Issue	1800	#56-23	02/04/2019	02/09/2019	
1782	#56-05	10/01/2018	10/06/2018		1801	#56-24	02/11/2019	02/16/2019	
1783	#56-06	10/08/2018	10/13/2018		1802	#56-25	02/18/2019	02/23/2019	Last Weekly Issue
1784	#56-07	10/15/2018	10/20/2018		1803	#56-26	03/04/2019	03/09/2019	IRCA Anniversary Issue
1785	#56-08	10/22/2018	10/27/2018		1804	#56-27	03/18/2019	03/23/2019	
1786	#56-09	10/29/2018	11/03/2018		1805	#56-28	04/01/2019	04/06/2019	
1787	#56-10	11/05/2018	11/10/2018		1806	#56-29	04/15/2019	04/20/2019	
1788	#56-11	11/12/2018	11/17/2018		1807	#56-30	04/29/2019	05/04/2019	
1789	#56-12	11/19/2018	11/24/2018		1808	#56-31	05/13/2019	05/18/2019	
1790	#56-13	11/26/2018	12/01/2018		1809	#56-32	05/27/2019	06/01/2019	
1791	#56-14	12/03/2018	12/08/2018		1810	#56-33	06/10/2019	06/15/2019	
1792	#56-15	12/10/2018	12/15/2018		1811	#56-34	06/24/2019	06/29/2019	
1793	#56-16	12/17/2018	12/22/2018		1812	#56-35	07/15/2019	07/20/2019	3 week break, End of Volume 56
1794	#56-17	12/24/2018	12/29/2018	Last Issue of 2018					
1795	#56-18	12/31/2018	01/05/2019	First Issue of 2019	1813	#57-01	08/12/2019	08/17/2019	4 week break, Beginning of Volume 57
1796	#56-19	01/07/2019	01/12/2019						

Beverage and Longwire Antennas Design and Theory (BAM)

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

BAM Contents:

The Coolum Beach Beverage 1983
Beverage Basic Theory
The Florida Beverage
The Care and Feeding of the Wave Antenna

A Non-Resonant Longwire Remote From Earth Ground
Two-Wire Phased Antennas
Analysis of the Beverage Antenna

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

Loop Antenna Design and Theory (LAM)

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

LAM Contents:

Multi-Rod Ferrite Loop Antennas
Loop Antenna Theory and Practice
Loop Distortion Why get Skewed?
High Dynamic Range Balun Loop
The Hot Rod- Ferrite Loop Antenna
High Precision Direction Finding
What's Wrong With Present Day Loop Antennas?

Roll Your Own! (Loop)
Long Wave Converter Detail
Pattern Controlled Loops
BFE-C Loop Amplifier Card
Loop Antenna Sensitivity
High Performance Loop Amp

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

Antenna Reference Manual Volume 1 (ARM1)

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

ARM-1 Contents:

NRC FET Altazimuth Loop
Thoughts on FET Loop Construction
Tips on Loop Construction
Balanced and Unbalanced Loops
A 'Collapsible' Loop for Travel
Antenna Tuning Devices for Longwires
The Hawk Loop

Balanced FET Amplifier
NRC Two Foot Loop
One Transistor Loop amplifier
Direct Coupled Loops
BCB DXers Beverage
'Bob Flick' Loop Antenna Coupler
Alternative Methods of Air Core Loop Amplification

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Antenna Reference Manual Volume 2 (ARM2)

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

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