

# The **NASA** Journal

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MAY-JUNE 2018



**WILLIAM E. OLIVER**

March 27, 2018

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## CATALOG

Phone or email for our new 116 page 2018 print catalog.



Quality Communications  
Equipment Since 1942

This edition of The Journal is dedicated to the memory of our recently deceased long-time Publisher and Business Manager Bill Oliver. John Herkimer prepared this month's cover which features one of his family's favorite pictures of Bill. As many of you know, Bill was our publisher for over forty years and business manager for almost that long. Many members had the pleasure to meet with Bill at the Winter SWL Festival where he was a regular for many years. Others communicated by letter or e-mail or by telephone. He defined our club for a long time. As a result, this issue is dedicated to Bill's memory.

The 45 Wildflower Road address is closed. The club's new postal mailing address is P. O. Box 3292, Allentown, PA 18106. Any membership inquiries, including all renewals, should be sent to that address or electronically at [hq@naswa.net](mailto:hq@naswa.net). After substantial member feedback and discussions among a wide range of interested long time members, Executive Council has determined that continuation of the club best fits the needs and wants of a vast majority of its members. Therefore, the club plans to continue operations with some interesting plans down the road. Watch the new Publishers Corner for future announcements.

Publisher Rich Cuff is trying to get a handle on how many Internet capable members we currently have in the club. We know how many participate in the NASWA Yahoo Group, Facebook and weekly Flashsheet, but we suspect there are other Internet capable members out there somewhere. Please drop Rich an e-mail at [hq@naswa.net](mailto:hq@naswa.net) indicating you are an electronic member. Thanks!

Sean Gilbert of the World Radio Television Handbook (WRTH) is pleased to make the Summer (A18) broadcasting schedules file

available as a free download. The file is in PDF format. Please visit <http://www.wrth.com> and follow the links for updates. The file is called: [WRTH2018IntRadioSuppl2\\_A18Schedules.pdf](#). The A18 schedules file contains the broadcasting schedules of over 200 International and Clandestine/target broadcasters; International LW/MW/SW transmitter sites table; International DRM broadcasts; Selected language broadcasts; a by frequency table of every frequency used by each station in the main schedule section. Sean hopes this file will be not only be a useful companion to the printed WRTH but will also prove indispensable as a standalone source of information.

From Kari Kiviak's, Secretary General of European DX Council (EDXC), and Jan-Mikael Nirmala, Assistant Secretary General of EDXC, we learn of the upcoming EDXC Conference 2018 to be held in Bratislava, Slovakia on 31 August - 2 September 2018 with an additional programme in Vienna, Austria on 2-3 September 2018. The conference hotel in Bratislava is Hotel West (<http://www.hotel-west.sk>). The hotel has agreed to the following special prices: single room for 49 €/per room/per night and Twin bed room for 59 €/per room/per night. Prices include: buffet breakfast, VAT, parking. City tax (1,70 €/person/night) not included in the price. The rooms can be booked by sending an email to Ms. Michaela Kvasnicková ([hotel@hotel-west.sk](mailto:hotel@hotel-west.sk)). For the booking, please add following information in your message: Dates, Type of the room (single/twin) and the Code: EDXC (to get the special prices). There might be a possibility to book also triple rooms. Their availability can be asked from the hotel. The preliminary programme is as follows (All times in CEST): Thursday, 30 August 2018 - informal gathering in the evening for those arriving already on 30 August or earlier; Friday, 31

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## In Memory of Bill Oliver, 1928 – 2018

August 2018 - 1200 Registration will be opened, 1400 Opening of the conference, 1430 Lectures and presentations (to be confirmed) and 1900 Dinner on your own; Saturday, 1 September 2018 - Breakfast, 1000 Tour in Bratislava and maybe Hungary, too, lunch during the tour, 1530 DX programme at the hotel (to be confirmed) and 1900 EDXC Banquet; Sunday, 2 September 2018 - Breakfast, 0930 EDXC matters and future plans, 1100 Lunch on your own, 1200 Check-out, transfer to Vienna, 1330 Arrival and a tour in Vienna (possibly visiting radio stations), 1700 End of the official programme, departures for those leaving already on 2 September, 1800 Free time in Vienna, accommodation and dinner on your own (possible hotels to be informed); Monday, 3 September 2018 (extended programme): visiting radio stations and other places of interest in Vienna and departures. If you have anything to ask, please, do not hesitate to contact Kari (ksk@sdx.fi). More information and updates can be found on EDXC blog (<https://edxcnews.wordpress.com/category/edxc-conference-2018/>). The organizers warmly welcome everyone to attend the EDXC conference 2018.

Teak Publishing announced the release of its 10th edition (Summer 2018) International Shortwave Broadcast Guide (ISWBG) electronic book by Gayle Van Horn W4GVH. If you want to get in on the action, then this Amazon electronic book is your ticket to travel the Global Radio bands. The ISWBG is an exclusive 24-hour station/frequency guide with schedules for selected medium-wave broadcasters and all known longwave/shortwave radio stations transmitting at time of publication. This unique resource is the only radio publication that has by-hour schedules that includes all language services, frequencies and world target areas for over 500 stations. It has a complete listing of DX radio programs and Internet websites addresses for many of the stations listed in the book. There are also listings for standard time and frequency stations, and even a few intriguing spy numbers station listings. New in this 10th edition of the ISWBG is a feature, Monitoring Brazil on Shortwave Radio. It is more than futebol! by

Gayle Van Horn. Soccer teams from around the world will compete this summer in the FIFA World Cup, and Brazil is expected to be a top contender to win the event. This article will aid you in monitoring broadcasters that will be carrying Brazilian soccer team news during this international event. Other authors with articles in this edition include The Spectrum Monitor's Fred Waterer, with a feature on summer radio programming, and Hans Johnson with a profile on the state of DRM broadcasting in 2018. There are also two First Look reviews on the new AirSpy HF+ SDR and the W6LVP Magnetic Loop Antenna by Loyd Van Horn W4LVH. International Shortwave Broadcast Guide 10th edition of this semiannual Teak Publishing publication is available worldwide from Amazon and their various international websites at <https://www.amazon.com/dp/B07CT89MNP>. The price for this latest edition is still US\$7.99. Since this book is being released internationally, Amazon customers in the United Kingdom, Germany, France Spain, Italy, Japan, India, Canada, Brazil, Mexico and Australia can order this electronic book (e-Book) from Amazon websites directly servicing these countries. All other countries can use the regular Amazon.com website.

Radio Free Asia (RFA) announces the release of the fifth QSL card in the series highlighting the International Broadcasting Bureau (IBB) relay sites used for RFA programming. RFA programs also broadcasts from these IBB sites: Biblis, Kuwait, Saipan and Tinian. IBB Lampertheim is one function of the IBB's Germany Station and is also an integral part of IBB's global satellite interconnect system (SIS) carrying RFA programming where needed. This is RFA's 67th QSL overall and will be used to confirm all valid RFA reception reports from May - August 2018. RFA encourages listeners to submit reception reports. Reception reports are valuable to RFA as they help the station evaluate the signal strength and quality of their transmissions. RFA confirms all accurate reception reports by mailing a QSL card to the listener. RFA welcomes all reception report submissions at <http://techweb.rfa.org> (follow the QSL REPORTS link) not

only from DX'ers, but also from its general listening audience. Reception reports are also accepted by email at [qsl@rfa.org](mailto:qsl@rfa.org) and by mail to: Reception Reports, Radio Free Asia,

2025 M. Street NW, Suite 300, Washington DC 20036, USA.

That's it for this month.



# Musings

Jerry Lineback • 4422 Sierra Del Sol • Paradise, CA 95969-8116 • [jalinebk@gmail.com](mailto:jalinebk@gmail.com)

*Please e-mail musings as MS Word attachments to [jalinebk@gmail.com](mailto:jalinebk@gmail.com) or mail to 4422 Sierra Del Sol, Paradise, CA 95969-8116. Next deadline is June 27, 2018.*

## Jerry Lineback, 4422 Sierra Del Sol, Paradise, CA 95969

We have moved 2.1 miles up the ridge toward Paradise, gaining a couple hundred feet in elevation. Its still in Paradise's "banana belt" though. Its Memorial Day again and summer is on schedule for 90°+ this week. This issue of the NASWA Journal is dedicated to the memory of Bill Oliver, the late publisher of the Journal. I only met Bill once long ago at a meeting of DXers, but Bill's long dedicated service as publisher for the Journal and its predecessor is the classic example of why a hobby publication, such as this one, can exist and continue to serve its consumers. Bill's example of service is also why others have stepped forward to keep the Journal going and why and how such an "organization" as NASWA can continue to prosper and serve in the reality of the age. Dedicated service comes out of love, history, and respect for the hobby interests of others.

## Dan Robinson on Bill Oliver

It was in the middle of the first decade of my DXing career that I first met Bill. As many of us did, I started off listening to Radio Moscow, VOA, BBC, Radio Canada, HCJB, but I was always more the hardcore DX'er.

In 1972, I lost my father to cancer. He had helped me set up my first radio and antenna in my Levittown home. I was a fatherless teenager being raised by a single Mom. Bill helped fill the void.

I had switched from Newark News Radio Club to FRENDX, and noticed that the publisher, Bill, was located just a mile or two away. NASWA HQ was upstairs in Bill's house. Over the years, the walls became blanketed with FRENDX covers. Bill was also in the habit of tacking penants and other radio station material.



At some point, I took over editorship of Log Report Section A, a good match for my DXing skills. In those days, it was a huge job sorting through hundreds of paper strips containing station reports, retyping them on the large pages headed to the publisher.

Many an evening up there on Bill's 2nd floor we would drink beers and soda, and discuss club business, often joined by Jon Cohen, Nick Pappas, Skip Arey, and others. Bill would bring out spicy Polish bologna. I would often bring a wide carriage Smith Corona electric typewriter to complete the log report section.

In those days, Bill had a Drake SW-4A, later a FRG-7700, followed by a NRD-535D. As shown in one of the better old photos, while I was overseas in the 1980's as VOA East Africa correspondent, Bill served as babysitter for a beautiful R-390 I had acquired.

That R-390 with its heavy wood cabinet weighed well north of 100 pounds, but I still remember the day he grabbed it from me and walked it upstairs — his face turning a bright red during this!

Bill had little tolerance for the noise of the shortwave bands. I will always remember his complaints when I was tuning in some low power Bolivian station: "I can't hear a \_\_\_\_\_ ....damned thing! How the hell can you hear anything through that?"

Discussions Bill and I would have often focused on politics, and international issues, assisted by what we would hear on shortwave. And I got used to Bill's sharp wit, and wide knowledge of the world, which he never made a big deal of — you just knew it was there.

Bill's sister, Dottie Diehl, recalled that from January 1946 to August 1949 the military sent Bill overseas to be a German language interpreter. While in Europe, he became involved with many different ethnic groups and this is where he became interested in learning to speak 7 different languages.

Dottie continues: "[Bill] was a long-time employee of Standard Press Steel and when they opened a new plant in Puerto Rico, they, also, sent Bill there to teach the people how to do the job since he could speak their language. Bill was extremely intelligent and always thirsty for more knowledge, even going to the library the week before he died to take out some scientific books I never would have been able to understand, but that he was anxious to read....at the age of 89.

Dottie continues: "Giving computer lessons at the Senior Center at his age was also remarkable and he did this for years, but I believe his biggest interest has always been your radio club. He was very proud of the work he did there and was hoping he could continue a few more years. Unfortunately, everything has ended now and many people will miss him, especially me."

In a note to me I will always cherish, Dottie said this: "We wrote to each other every weekend for the last 15 years and he often spoke of 'My friend Dan'. I miss him and will miss his funny, loving, informative letters.

Looking back, I wish I had actually spent more time with Bill in the final decades of his life. Isn't that the way it usually goes? We get caught up with the ups and downs in our own lives, and too often fall out of touch. I will always remember the last time I roomed with him at a SWL fest some years ago.

As I said to the SWL Fest in 2014, Bill in some ways was a father figure for me during formative years of my life. He was quietly supportive of my ambitions in the 1970's that led to my 35 year career at Voice of America.

As it turned out, Bill passed away just a few weeks before my mother, Roslyn, left this world at the age of 98. I'm left with the memories of these two wonderful persons, in those two houses in Levittown, a place I am saying my final goodbyes to.

**Richard A. D'Angelo, 2216 Burkey Drive, Wyomissing, PA 19610 rdangelo3@aol.com**  
I worked with Bill Oliver on NASWA matters for well over twenty-five years. I first got to know Bill when he was the club's QSL Report editor. He was Sam Barto before Sam

became our QSL Report editor. Later, our friendship would grow as I became a column editor and eventually Executive Director. I spent more and more time working with Bill on various club matters after I became the Executive Director. Generally, we corresponded a few times in week when things were very busy but usually at least once a week on an assortment of little things. There was always something to discuss and communicate about involving the club or some other common interest(s). Bill was always a pleasure to deal with. We had many great conversations manning the club table during the Winter SWL Festival gatherings. A sharp mind and keen wit were hallmarks of his character. Make no mistake about it, our Bill was a loveable character. His character side bloomed especially during the hey-day of the "Long Wave Conventions" at 45 Wildflower Road. Any weekend communication from Bill usually involved some reference to the "Long Wave Conventions" which was his opportunity to pop open a few beers while working on either NASWA or the Long Wave Club of America matters or playing Scrabble on his computer. If he was a little slow the following day, he would always blame things on those conventions that always seemed to "get out of hand". In recent years, it was just Bill and Ralph handing publication days come the last Saturday of each month, but I attended a few of those sessions over the years at club headquarters. Although it had been several years since I last attended a publication day on the last Saturday of the month in Levittown, when I did go it was a great time. It was a fun day filled with good conversation and a group meal. Bill was the club's leader for over four decades but more importantly a terrific person and great friend too. A day doesn't go by that I think of our friend and leader for so many decades. I do miss him, but the club will continue as an honor to a great leader although his absence will be pronounced.

73, Rich

#### **Ralph Brandi, P.O. Box 491, Lincroft, NJ 07738**

25 years ago, I approached Bill Oliver at the Winter SWL Fest, telling him that I had some experience with desktop publishing and would be happy to use that experience to benefit NASWA. Bob Brown was doing all the layout for the Journal at the time and could use some help, so I jumped in, and we split the layout duties, Bob doing some columns and me doing others. After a couple of years, Bob dropped out, and I was left with the sole responsibility for laying out the Journal. The best thing about doing layout was that on the last Saturday of every month, I drove from my home in New Jersey to NASWA headquarters in Levittown, and Bill and I dropped the mechanicals for the Journal at the printer and went out and got Chinese food.

The upper floor of 45 Wildflower Road was pretty much dedicated to the publication of the NASWA Journal and the LWCA bulletin. Two rooms, one where there was a copy machine and a computer and printer that printed out the labels and some boxes with sample Journals for prospective members, and a second room that really served as Bill's office. He had an old wooden desk where every month, I would drop the printed pages of the Journal, and Bill would count the pages, incorporating the one column that I had no hand in producing, Sam Barto's hand-typed QSL column. For many years, we would figure out how many pages we had, decide if we needed to drop any to get a multiple of 4, add padding the number of pages out if we were a page or two short with something from his collection, like an old QSL, or with a press release from someone or other. In more recent years, Bill would e-mail me to let me know how many pages Sam had sent, and I would tailor the rest of the bulletin to add up to the desired 40 pages. Not 44; that would be right at the border of the next increment of postage and would require a lot of work weighing each Journal to make sure it had the correct amount of postage. Trimming the book at the printer could make a difference; leaving a bit more paper on one could push the book over the edge and require more postage. Better to keep the book at 40 pages and not have to worry about the postage and all the extra work.

The ceilings in Bill's office, such as they were (they were at a 45 degree angle, like many of the bungalows in Levittown), had a couple of world maps, but the real feature of them was years and years of FRENDX covers tacked to the ceiling. He put up one of the covers when NASWA moved to the high-design covers of NASWA of the Nineties, but really, those covers all looked the same once you got down to it. There wasn't any need to post more than one. Bill was very happy when we returned to placing some kind of graphics on the cover. But really, by that point, the ceilings were full anyway. The FRENDX covers stayed.



Our monthly lunch at Wing Wah was the best part of my visits every month. The food wasn't anything special, but the guy who ran the place knew us after so many years of coming in together, and was understanding of Bill's impatience and his disinterest in having water with his lunch. For many years, his favorite dish was the Three Treasures, but in recent years, he moved more to Egg Foo Yung, which he would eat half of, then declare that that was enough and take the rest home, making sure that the waiter brought him a box promptly upon his decision. We talked about radio, of course, and club business, but also about politics, religion (and/or lack of), English football, and his attempts to learn Chinese, his knowledge of German and the oddities of those languages and many others, among many other topics of conversation. Bill read widely, and was always telling me about one book or another he had just finished. My wife Laura often joined us, and Bill was always a perfect gentleman to her.

Once the printer's storefront closed, the urgency of getting the book to them on Saturday before they closed at 2pm changed. They would come by and pick it up at 45 Wildflower on Monday. But we still went out to Wing Wah. We tried to go to a diner to mix things up once back around 2001 or so, but that was kind of a disaster. It just didn't work. The next month we were back to Wing Wah.

In the past couple of years, the guy who ran Wing Wah seemed to disappear, replaced by a young woman. The restaurant was changing, too. The menu was updated, and the cups for the green tea we drank acquired designs, flowers and stuff, instead of the plain china of years past. We still went, but it was different. Things change.

One of Bill's jokes was that Saturday night, after we had gotten everything off to the printer, he would hold a Longwave Convention. The attendees of the Longwave Convention, which actually also happened on Saturdays that didn't involve getting the NASWA Journal to the printer, were basically Bill and whatever beers he managed to get from the local distributor that week. The number of beers consumed at the Longwave Convention may have dwindled as the years went on, but the convention itself was a constant until the end.

I am going to miss Bill fiercely. I've started holding my own Longwave Conventions in his honor. The weekend after he passed, one of my local breweries, Kane, released a beer that they had collaborated on with a brewery in NYC named Transmitter. The beer they brewed together was called Short Wave. I raise a Short Wave in honor of my friend Bill.

*Thanks for the Memorials to Bill Oliver.*



# Publisher's Corner

Richard Cuff • P.O. Box 3292 • Allentown, PA 18106 • [hq@naswa.net](mailto:hq@naswa.net)

## Welcome to the inaugural *Publisher's Corner!*

Hello from NASWA's new publishing headquarters in Allentown, Pennsylvania. I'll be filling the huge shoes left behind when Bill Oliver passed away, managing the monthly cadence of printing the Journal and getting it into the postal system, and managing membership and address details.

I'll use this column for general updates on club information, decisions we're considering, and issues that we sort with as NASWA navigates the SWBC listening / DX hobby in 2018 and beyond. If there are topics you're interested in learning about, please drop me a note or send me an e-mail to the addresses shown above.

I won't post my own thoughts on listening, program ideas, or similar topics here; instead I'll pass this information on to other editors or send it to Jerry Lineback as a Musing.

The first item of business is, unfortunately, a necessary increase in membership rates effective July 1<sup>st</sup>, 2018: All rates will increase by \$1 per month, with domestic rates now going to \$32. The increase is needed in part due to increased printing costs with a change in vendor. Bill Oliver had a very attractive printing contract in place, with rates that had stayed flat for 7 years. Bill had long worked with this printer – working initially with the father of the current production manager, who is himself retiring and who has sold the business to another Philadelphia printer.

Meanwhile, I'm here in Allentown, more than an hour away from Bill's location in Levittown, and it doesn't make sense to keep using the same printer when we have local options here in the Lehigh Valley that will save us both time and money each month.

We'll be able to hold this new \$32 yearly membership rate as long as postage rates stay stable, and as long as the NASWA membership count – roughly 315 as of this month – holds steady (or even climbs!). As I and my fellow Executive Council members get


our feet wet with the monthly cadence of publishing the *Journal*, and as we look at evolving the club in tandem with the evolution of the hobby itself, we'll keep you apprised of the state of the hobby and of the club itself. Bill left us in excellent financial shape, which affords us resilience in sorting out trends in shortwave listening and how members use paper and digital tools to enhance their hobby enjoyment.

Don't forget that NASWA membership also includes the following: Access to the weekly Flashsheet of loggings, access to the E-mail based Yahoo discussion group and access to NASWA's Facebook group. Those can be very handy ways to keep current, ask questions, or make connections with other club members.

If you're interested in setting up some type of local shortwave enthusiast get-together, like we have in Boston and Reading / Allentown, PA, let me know; I can send over postal addresses to enable you to connect with others. For privacy reasons we won't disclose phone numbers or e-mail addresses, however.

By the way – when was the last time you communicated with one of the editors of the *Journal*? It would sure be great if everyone were to send in at least one item every six months to a year to one of the editors. Perhaps it's something about your shack, or perhaps your favorite method to add technology into your listening hobby, or you have a question about some aspect of a favorite station, or software tool, or a favorite program. Any of these topics would be worthy of the *Journal*! If it isn't obvious where you should send your item, send it to me and I can forward it on.

If you have any question on your membership, don't hesitate to get in touch at the e-mail address [hq@naswa.net](mailto:hq@naswa.net).

See you next month; we expect to be back to a regular cadence for the *Journal* in July. Most folks should hopefully see the July *Journal* early the week of July 9<sup>th</sup>. 

# Listening Review

Alan Roe • 33 Athara Road • Teddington, TW11 9PA, United Kingdom • alan-roe-swl@mail.com

Hello and welcome to Listening Review for this May/June edition of NASWA Journal.

Here is my updated list of music programs on Shortwave in non-English languages for the A-18 period. I have produced a consolidated list including programs in both English and non-English languages (plus a few entries in this list – low power German stations - which I have edited out for space reasons). The consolidated list has been posted as a PDF file to the files sections of the Facebook page and Yahoo group for you to download. If you prefer, please email me, and I'll send you a copy by email.

Transmitter abbreviations are as used in WRTH. All times/days are UTC.

0000-0100	tu-su	ERT V of Greece	GK	Often varied Greek mx 9420 +/- 9935 (irreg)
0000-0100	daily	R Farda	FS	ME/Western mx 5860-bib
0000-0100	daily	R Rebelde	SP	Often has Cuban music, incl: su: Música Viva 5025
0000-0100	su	R Romania Int	RO	As We Like! (hour 2) (Club/party) 7395 9790
0000-0100	mo	R Romania Int	RO	Zi-le D-Alead-Ale Noastre (Folk mx) 7395 9790
0000-0200	daily	VO Turkey(TSR)	TU	Often has Turkish music 9735
0025-0100	daily	AIRVividhBharatiHI		Mostly film music 9865
0030-0100	tu	WRMI	SP	Trova Libre 9955
0100-0200	daily	AIRVividhBharatiHI		Mostly film music 9380 9865
0100-0200	tu-su	ERT V of Greece	GK	Often varied Greek mx 9420 +/- 9935 (irreg)
0100-0200	daily	R Farda	FS	ME/Western mx 5860-bib
0100-0200	daily	R Rebelde	SP	Often has Cuban music, incl: su: Música Viva 5025
0100-0156	su	R Romania Int	RO	Radio Concert Season (Classical) 7395 9790
0100-0156	sa	R Romania Int	RO	Verba Manent (hour 1) 7395 9790
0100-0156	daily	VO Turkey(TSR)	TU	Often has Turkish music 9735
0110-0157	mo	KBS World R	SP	Melodias de Corea 9605-hri 11810
0110-0200	su,mo	R France Int	FR	Musiques du monde 3965(drm)
0130-0145	su,we	R Romania Int	FR	Musique traditionnelle roumaine 7375 9730
0130-0145	tu	R Romania Int	FR	Les tubes du moment 7375 9730
0130-0145	th	R Romania Int	FR	Musique classique roumaine 7375 9730
0145-0157	th	KBS World R	SP	Al Son de Corea (Traditional) 9605-hri 11810
0200-0300	daily	AIRVividhBharatiHI		Mostly film music 9380 9865
0200-0300	tu-su	ERT V of Greece	GK	Often varied Greek mx 9420 +/- 9935 (irreg)
0200-0300	daily	R Farda	FS	ME&westernmx5860-kwt13860-udo(0230-)15690-udo(0230-)
0200-0300	mo	R Marti	SP	Archivo Musical 6030-grv 7335-grv
0200-0300	daily	R Rebelde	SP	Often has Cuban music, incl: su: Música Viva (-0230) Todo Música (0230-) 5025
0200-0300	tu-sa	WEWN	SP	Fe hecha cancion 5970
0205-0225	mo	R Romania Int	SP	Radio Domingo (music & talk) 7375 9510 9730 11945
0210-0257	mo	KBS World R	SP	Melodias de Corea 15575
0210-0300	tu-sa	R France Int	FR	Couleurs Tropicales 3965(drm)
0215-0225	su	R Romania Int	SP	Top Musical (pop) 7375 9510 9730 11945
0220-0230	fr	R Romania Int	SP	Music Programme 7375 9510 9730 11945
0230-0240	we	R Romania Int	SP	Folk Music Programme 7375 9510 9730 11945
0230-0240	sa	R Romania Int	SP	Romanian Folk Music 7375 9510 9730 11945
0245-0257	th	KBS World R	SP	Al Son de Corea (Traditional) 15575
0300-0400	daily	AIRVividhBharatiHI		Mostly film music 9380 9865
0300-0400	tu-su	ERT V of Greece	GK	Often varied Greek mx 9420 +/- 9935 (irreg)
0300-0400	daily	R Farda	FS	ME/Western mx 5860-kwt 13860-udo 15690-udo

0300-0400	su,mo	R Marti	SP	Interferencia 6030-grv 7335-grv 7435-grv
0300-0400	daily	R Rebelde	SP	Often has Cuban music, incl: su: Todo Música 5025
0310-0357	su	KBS World R	KO	Music Landscape 11810
<b>0400-0435</b>	daily	AIRVividhBharatiHI		Mostly film music 9380 9865
0400-0500	tu-su	ERT V of Greece	GK	Often varied Greek mx 9420 +/- 9935 (irreg)
0400-0500	daily	R Farda	FS	ME & western mx 5860-kwt 9370-lam 13860-udo 15690-udo
0400-0500	daily	R Rebelde	SP	Often has Cuban music, incl: su: Todo Música 5025
0400-0500	daily	VO Turkey(TSR)	TU	Often has Turkish music 6040 11980
<b>0500-0600</b>	dly(irr)	ERT V of Greece	GK	Often varied Greek mx 9420 +/- 9935 (irreg)
0500-0600	daily	R Farda	FS	ME/Western mx 5860-kwt(-0630) 9370-lam 15690-udo(-0530) 15690-bib(0530-)
0500-0600	daily	R Rebelde	SP	mo-sa: Nosotros (trad Cuban mx) su: Todo Música 5025
0500-0556	daily	VO Turkey(TSR)	TU	Often has Turkish music 6040 11980
0530-0600	daily	OE1 Austria	GM	Usually Classical music 6155
<b>0600-0700</b>	dly(irr)	ERT V of Greece	GK	Often varied Greek mx 9420 +/- 9935 (irreg)
0600-0700	daily	R Farda	FS	ME/Western mx 9370(-lam:-0630; -kwt:0630-) 13860-udo 15690-bib
0600-0700	su	R Marti	SP	Archivo Musical 6030-grv 7335-grv
0600-0700	daily	R Rebelde	SP	Often has Cuban music, incl: su: Todo Música 5025
0600-0700	daily	VO Turkey(TSR)	TU	Often has Turkish music 11675 11750 11955 13635
0600-0700	tu-sa	WEWN	SP	Fe hecha cancion 5970
0610-0630	su	China R Int	IT	Music from China 17520
0615-0700	su	China R Int	FR	On Connait la Chanson 17865
0630-0700	mo-sa	China R Int	FR	Music Feature 17865
<b>0700-0800</b>	dly(irr)	ERT V of Greece	GK	Often varied Greek mx 9420 +/- 9935 (irreg)
0700-0800	daily	R Farda	FS	ME/Western mx 9370-kwt 13860-udo 15690-bib
0700-0800	daily	VO Turkey(TSR)	TU	Often has Turkish music 11675 11750 11955 13635
0710-0757	su	KBS World R	KO	Music Landscape 9860-wof
<b>0800-0900</b>	dly(irr)	ERT V of Greece	GK	Often varied Greek mx 9420 +/- 9935 (irreg)
0800-0900	su	Hit AM	GM	Pop & Oldies 6045-nau
0800-0900	daily	R Farda	FS	ME/Western mx 9370-kwt 13860-udo 15690-bib 17830-bib(0830-)
0800-0900	su	R Marti	SP	Interferencia 5980-grv 6030-grv
0800-0900	tu	RAE Argentina	JP/CH	Argentine Tango 9455-rmi
0800-0900	we	RAE Argentina	JP/CH	Folk Culture 9455-rmi
0800-0900	daily	VO Turkey(TSR)	TU	Often has Turkish music 11675 11750(-0856) 11955 13635
0810-0857	su	KBS World R	KO	Music Landscape 9570
0830-0900	daily	AIRVividhBharatiHI		Mostly film music 9380
<b>0900-1000</b>	daily	AIRVividhBharatiHI		Mostly film music 6100 9380 9865
0900-1000	daily	R Farda	FS	ME/Western mx 9370-kwt 13860-udo(-0930) 15690-bib 17830-bib
0900-1000	tu	RAE Argentina	CH/JP	Argentine Tango 9455-rmi
0900-1000	we	RAE Argentina	CH/JP	Folklore 9455-rmi
0900-1000	daily	VO Turkey(TSR)	TU	Often has Turkish music 11675 11955 13635
0910-0957	su	KBS World R	KO	Music Landscape 7275 9570 15160
<b>1000-1100</b>	daily	AIRVividhBharatiHI		Mostly film music 6100 9380 9865
1000-1100	daily	R Farda	FS	ME/Western mx 9370-kwt 15690-bib 17830-bib
1000-1100	su	R Joystick	GM	Varied oldies/modern pop (1st su) 7330-mos
1000-1100	su	R Rebelde	SP	Memorias (Cuban music history) 5025
1000-1100	daily	VO Turkey(TSR)	TU	Often has Turkish music 11675 11955 13635
1005-1025	we	KBS World R	KO	Sounds of Korea 7275 9570
1005-1030	mo-fr	R Marti	SP	Alborada Guajira 6030-grv 9805-grv
1030-1045	mo	R Romania Int	FR	Les tubes du moment 11650 13790 15130 15200
1030-1045	tu,sa	R Romania Int	FR	Musique traditionnelle roumaine 11650 13790 15130 15200
1030-1045	we	R Romania Int	FR	Musique classique roumaine 11650 13790 15130 15200

<b>1100-1200</b>	daily	AIRVividhBharatiHI		Mostly film music 6100 9380 9865
1100-1200	daily	R Farda	FS	ME/Western mx5860-kwt 7435-kwt 12005-lam 15690-bib 17830-bib
1100-1200	sa,su	R Marti	SP	Alborada Guajira 6030-grv 9805-grv
1100-1200	su	R Rebelde	SP	Memorias (Cuban music history) 5025
1100-1200	tu	RAE Argentina	PT	Tango Argentino 9455-rmi 9955-rmi
1100-1200	we	RAE Argentina	PT	La Folclórica 9455-rmi 9955-rmi
1100-1200	daily	VO Turkey(TSR)	TU	Often has Turkish music 11675(-1156) 11955(-1156) 13635
1110-1157	su	KBS World R	KO	Music Landscape 7275
1110-1157	su	KBS World R	SP	Melodías de Corea 11795
1145-1157	we	KBS World R	SP	Al Son de Corea (Traditional) 11795
<b>1200-1300</b>	daily	R Farda	FS	ME/Western mx5860-kwt 7435-kwt 12005-lam 15690-bib 17830-bib
1200-1300	su	R Rebelde	SP	Memorias (Cuban music history) 5025
1200-1256	sa	R Romania Int	RO	Verba Manent (hour 1) 7375
1200-1256	daily	VO Turkey(TSR)	TU	Often has Turkish music 13635
1215-1300	sa	China R Int	FR	On Connait la Chanson 17560
1215-1230	daily	China R Int	Srb	Varied Western/CC pop/rock 7345-cer
1230-1300	daily	All India R	VV	Mostly mx (plus a nx bulletin) 7340 9620 (Sindhi)
1230-1300	su-fr	China R Int	FR	Music Feature 17560
1230-1300	daily	CNR13	VV	Pops with ann in Uygur 9420 13700
1233-1300	sa	R France Int	FR	Lépopée des musiques noires 3965(drm)
1245-1300	daily	AIRVividhBharatiHI		Mostly film music 9865
<b>1300-1400</b>	daily	AIRVividhBharatiHI		Mostly film music 9865
1300-1400	daily	All India R	VV	Mostly mx (plus a nx bulletin) 7340 9620 (Sindhi)
1300-1400	daily	R Farda	FS	ME/Western mx5860-kwt 7435-kwt 12005-wof 15690-bib 17830-bib
1300-1400	sa	R Romania Int	RO	Verba Manent (hour 2) 11950 15130
1300-1400	daily	VO Turkey(TSR)	TU	Often has Turkish music 9840
1315-1400	daily	All India R	VV	Mostly mx (plus a nx bulletin) 11560 (Dari)
<b>1400-1500</b>	daily	AIRVividhBharatiHI		Mostly film music 9865
1400-1500	daily	All India R	VV	Mostly mx (plus a nx bulletin) 11560 (Dari:-1415 Pashto:1415-)
1400-1500	daily	All India R	VV	Mostly mx (plus a nx bulletin) 7340 9620 (Sindhi)
1400-1500	daily	R Farda	FS	ME/Western mx 5860-kwt 12005-wof 15690-bib 17830-bib
1400-1500	daily	VO Turkey(TSR)	TU	Often has Turkish music 9840
1410-1457	su	KBS World R	KO	Music Landscape 15575
1415-1500	sa	China R Int	FR	On Connait la Chanson 11920-cer 13670-cer
1430-1500	su-fr	China R Int	FR	Music Feature 11920-cer 13670-cer
1430-1500	su	R Havana Cuba	SP	Music programme 11760
<b>1500-1600</b>	daily	AIRVividhBharatiHI		Mostly film music 9865
1500-1530	daily	All India R	VV	Mostly mx (plus a nx bulletin) 11560 (Pashto)
1500-1600	daily	R Farda	FS	ME/Western mx 5860-kwt 12005-wof 15690-bib 17830-bib(-1530)
1500-1556	daily	VO Turkey(TSR)	TU	Often has Turkish music 9840
1500-1600	mo-fr	WEWN	SP	Fe hecha cancion 12050
1500-1600	daily	Zanzibar B. Co	VV	Usually African/local music 11735
<b>1600-1700</b>	daily	AIRVividhBharatiHI		Mostly film music 9865
1600-1700	daily	R Farda	FS	ME/Western mx 5860-kwt 12005-wof
1600-1700	daily	VO Turkey(TSR)	TU	Often has Turkish music 5960 9460
1600-1700	daily	Zanzibar B. Co	VV	Usually African/local music 11735
1610-1657	sa	KBS World R	KO	Music Landscape 7275 9740
1615-1700	sa	China R Int	FR	On Connait la Chanson 15680
1630-1700	su-fr	China R Int	FR	Music Feature 15680
1630-1700	daily	R Kuwait	UR	Arabic music 15540
1630-1645	mo	R Romania Int	FR	Les tubes du moment 9500 11975

1630-1645	tu,sa	R Romania Int	FR	Musique traditionnelle roumaine	9500 11975
1630-1645	we	R Romania Int	FR	Musique classique roumaine	9500 11975
1630-1700	daily	SLBC City FM	SI	Mostly Sri Lankan mx	11750
1700-1740	daily	AIRVividhBharati	HI	Mostly film music	9865
1700-1800	daily	R Farda	FS	ME/Western mx	5860-kwt 12005-wof
1700-1800	su	R Romania Int	RO	Music 100% (hour 2)	9500 11975
1700-1800	sa	R Romania Int	RO	As We Like! (hour 1) (club)	9500 11975
1700-1800	daily	SLBC City FM	SI	Mostly Sri Lankan mx	11750
1700-1730	fr	V of America	Amharic	Good Time Friday Music	12110-udo 15580-sao
1700-1800	daily	VO Turkey(TSR)	TU	Often has Turkish music	5960 9460
1700-1800	daily	Zanzibar B. Co	VV	Usually African/local music	11735
1705-1725	tu	KBS World R	KO	All right - Our Rythmn	7275 9740
1707-1757	su-fr	NHK R Japan	JJ	OftenhasvariedEE/FF/JJsongs	11945-iss 13720-yam 15445-nau
1710-1757	sa	KBS World R	KO	Music Landscape	9515
1733-1800	su	R France Int	FR	L'epopee des musiques noires	13740 15300 17850
1735-1755	sa	V of America	PT	Musica de America (US hits)	13630-bot 17655-smg
1755-1820	fr-we	V of Turkey	FR	Music selection (varying time)	7360
1755-1820	th	V of Turkey	FR	Musique du Monde	7360
1800-1900	dly(irr)	ERT V of Greece	GK	Often varied Greek mx	9420 +/- 9935 (irreg)
1800-1900	daily	R Fana	VV	Mostly Horn of Africa mx	6110
1800-1900	daily	R Farda	FS	ME/Western mx	5860-kwt
1800-1856	su	R Romania Int	RO	Zi-le D-Alead-Ale Noastre (Folk mx)	9500 11975
1800-1856	sa	R Romania Int	RO	As We Like! (hour 2) (Club/party)	9500 11975
1800-1830	daily	SLBC City FM	SI	Mostly Sri Lankan mx	11750
1800-1900	daily	VO Turkey(TSR)	TU	Often has Turkish music	5960 9460
1800-1900	daily	Zanzibar B. Co	VV	Usually African/local music	11735
1805-1825	tu	KBS World R	KO	All right - Our Rythmn	9515
1807-1857	su-fr	NHK R Japan	JJ	OftenhasvariedEE/FF/JJsongs	11945-iss 13720-yam 15445-nau
1810-1830	su	China R Int	IT	Music from China	7340 7435
1810-1857	su	KBS World R	SP	Melodias de Corea	9740
1815-1900	sa	China R Int	FR	On Connait la Chanson	5970-cer 6055-cer 9455-cer 11695-cer
1830-1900	su-fr	China R Int	FR	Music Feature	5970-cer 6055-cer 9455-cer 11695-cer
1830-1900	sa	V of America	Amharic	Chart hits & varied music	11720-udo 12110-kwt 12130-udo 15180-udo 15330-wof 15640-wof 15700-lam
1845-1930	sa	China R Int	FR	On Connait la Chanson	7350 9645
1845-1857	we	KBS World R	SP	Al Son de Corea (Traditional)	9740
1900-1930	su-fr	China R Int	FR	Music Feature	7350 9645
1900-2000	mo-sa	ERT V of Greece	GK	Often varied Greek mx	9420 +/- 9935 (irreg)
1900-2000	daily	R Farda	FS	ME/Western mx	5860-kwt
1900-2000	sa,su	R Marti	SP	Interferencia	11930-grv 13605-grv
1900-2000	tu	RAE Argentinien	GM	Argentinischer Tango	9395-rmi
1900-2000	we	RAE Argentinien	GM	Unsere Volksmusik	9395-rmi
1900-1930	su	V of America	FR	Soul USA (pt1)	9490-kwt 17530-sao
1900-2000	daily	VO Turkey(TSR)	TU	Often has Turkish music	5960 9460
1900-2000	daily	Zanzibar B. Co	VV	Usually African/local music	11735
1905-1925	su	R Romania Int	SP	Radio Domingo (music & talk)	13810 15670
1910-1957	su	KBS World R	FR	Musique coréenne	6145-wof
1915-1925	sa	R Romania Int	SP	Top Musical (pop)	13810 15670
1920-1930	th	R Romania Int	SP	Music Programme	13810 15670
1930-1940	tu	R Romania Int	SP	Folk Music Programme	13810 15670
1930-1940	fr	R Romania Int	SP	Romanian Folk Music	13810 15670
1930-1957	su	R Taiwan Int	GM	Musik aus Taiwan	6185-wof
1933-2000	su	R France Int	FR	L'epopee des musiques noires	3965(drm)
1935-2000	su	V of America	FR	Soul USA (pt2)	9490-kwt 17530-grv
1940-1957	mo	R Taiwan Int	GM	Hit Parade	6185-wof

1945-1957	we	KBS World R	FR	Aux sources de la musique coréenne	6145-wof
1955-2020	fr-we	V of Turkey	FR	Music selection (varying time)	9635 11615
1955-2020	th	V of Turkey	FR	Musique du Monde	9635 11615
2000-2100	daily	Amhara State R	VV	Mostly Horn of Africa mx	6090
2000-2100	mo-sa	ERT V of Greece	GK	Often varied Greek mx	9420 +/-or 9935 (irreg)
2000-2100	daily	R Fana	VV	Mostly Horn of Africa mx	6110
2000-2100	daily	R Farda	FS	ME/Western mx	5860-kwt
2000-2100	tu	RAE Argentina	IT	Tango Argentino	5010-rmi 9395-rmi
2000-2100	we	RAE Argentina	IT	La Folklorica	5010-rmi 9395-rmi
2000-2030	daily	V of America	FR	RMShow 5970-bot 9490-kwt 11900-sao 15730-grv 17530-grv (su: Du Blues au Jazz; mo: Le hit-parade americain) (tu: Antenna Libre; we: Musique international) (th: Afro music & Afro hit-Parade) (fr: La Musique de la caraibe; sa: R&B et Rock)	
2000-2056	daily	VO Turkey(TSR)	TU	Often has Turkish music	5960 9460
2000-2100	daily	Zanzibar B. Co	VV	Usually African/local music	11735
2010-2057	su	KBS World R	FR	Musique coréenne	5950-iss
2010-2057	su	KBS World R	GM	Unterwegs mit Musik (pop)	3955-wof
2010-2100	su	R France Int	FR	Musiques du monde	3965(drm) 7205 9790 11995 17620
2010-2100	mo-fr	R France Int	FR	Couleurs Tropicales	3965(drm) 7205 9790 11995 17620
2015-2030	daily	China R Int	Srb	Varied Western/CC pop/rock	7325 7390 9585
2030-2055	daily	China R Int	PO	Chinese Popular Music	6020 7305
2030-2057	mo-sa	V of America	Hausa	African music (irreg) 4960-sao(mo-fr) 5970-sao 7325-sao 9490-sao 11955-kwt 15730-grv(sa)	
2040-2055	su	China R Int	IT	Music from China	7265 7345
2045-2130	sa	China R Int	FR	On Connait la Chanson	9430 11660
2045-2057	we	KBS World R	FR	Aux sources de la musique coréenne	5950-iss
2045-2057	we	KBS World R	GM	Musik verbindet (Traditional)	3955-wof
2100-2130	su-fr	China R Int	FR	Music Feature	9430 11660
2100-2200	mo-sa	ERT V of Greece	GK	Often varied Greek mx	9420 +/-or 9935 (irreg)
2100-2200	daily	R Farda	FS	ME/Western mx	5860-kwt
2100-2200	sa,su	R Marti	SP	Alborada Guajira	9565-grv 11930-grv
2105-2125	su	R Romania Int	SP	Radio Domingo (music & talk)	11650(drm) 15670 (alt: 13810)
2115-2130	daily	China R Int	Srb	Varied Western/CC pop/rock	6135 7325 7445
2115-2125	sa	R Romania Int	SP	Top Musical (pop)	11650(drm) 15670 (alt: 13810)
2120-2130	th	R Romania Int	SP	Music Programme	11650(drm) 15670 (alt: 13810)
2130-2140	tu	R Romania Int	SP	Folk Music Programme	11650(drm) 15670 (alt: 13810)
2130-2140	fr	R Romania Int	SP	Romanian Folk Music	11650(drm) 15670 (alt: 13810)
2200-2300	mo-sa	ERT V of Greece	GK	Often varied Greek mx	9420 +/-or 9935 (irreg)
2200-2300	daily	R Farda	FS	ME/Western mx	5860-kwt
2200-2300	tu	RAE Argentina	SP	Tango Argentino	5010-rmi
2200-2300	we	RAE Argentina	SP	La Folklorica	5010-rmi
2300-2400	mo-sa	ERT V of Greece	GK	Often varied Greek mx	9420 +/-or 9935 (irreg)
2300-2400	daily	R Farda	FS	ME/Western mx	5860-kwt
2300-2330	su	WRMI	SP	Trova Libre	9955
2305-2325	tu	R Romania Int	SP	Radio Domingo (music & talk)	9760 11700 11800 13730
2315-2325	mo	R Romania Int	SP	Top Musical (pop)	9760 11700 11800 13730
2320-2330	sa	R Romania Int	SP	Music Programme	9760 11700 11800 13730
2330-2340	tu	R Romania Int	SP	Folk Music Programme	9760 11700 11800 13730
2330-2340	fr	R Romania Int	SP	Romanian Folk Music	9760 11700 11800 13730
2330-2400	tu	RAE Argentina	FR	Tango Argentin	7780-rmi
2330-2400	we	RAE Argentina	FR	Le Folklore Argentin	7780-rmi

Until next time, 73's Alan



# International Broadcasting

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## Remembering Bill Oliver

Somewhere, up there, Bill Oliver is listening politely while Bill Eddings waxes eloquent. Some of you remember Bill Eddings, the late executive editor of NASWA, would begin each issue of the mimeographed NASWA bulletin with a thoughtful essay. I remember Bill Oliver, holding court at the NASWA table at the Winter SWL Fests, listening patiently while we shortwave listeners would talk to him about this or that. Bill Oliver spared us the essays, but for decades he kept NASWA going by maintaining the membership list, printing the bulletins, affixing the stamps, sealing the envelopes. When the NASWA Journal arrived in the mail, before I would open the envelope, I would look at it and note to myself that Bill did that, month after month and month.

## Remembering Caversham Park

The last day of BBC Monitoring at Caversham Park, near Reading, England, was May 25. On May 28, they moved to BBC's Broadcasting House in London. In 2012, BBC World Service moved from Bush House, another iconic location, to Broadcasting House. Seems that Broadcasting House might be getting crowded. I will ask about that.

BBC Monitoring was created in 1939 primarily "to inform the War Office of broadcasts by Nazi-controlled media outlets." Originally it was located in Wood Norton, Worcestershire, but moved to the Caversham Park estate in 1943, where it has remained until just a few days ago. (See [bbc.in/2H4nPAC](http://bbc.in/2H4nPAC) and [bbc.in/2kCOCNd](http://bbc.in/2kCOCNd) for more history.)

I had the privilege of visiting BBC Monitoring in the 1990s, or maybe it was the 1980s. It was an amazing place, with its shortwave antennas and satellite dishes occupying the grounds. The building itself was majestic,

although the many activities going on inside were even more fascinating. I even met BBC Monitoring's cat, a vital member of the team to keep the inevitable mice of an old building at bay.

## "All media will be distributed over the internet"

From the BBC's past we move to the BBC's future as predicted by Matthew Postgate, BBC's chief technology and product officer: "We believe that the days when all media will be distributed over the internet are not too far away." ([bit.ly/2LaCOLF](http://bit.ly/2LaCOLF))

This can't be good news to us NASWA members because shortwave is not the internet. But we also know that content on the internet is often and increasingly blocked. Furthermore, we know that content on shortwave, while it can be jammed, is more difficult to interdict than content conveyed via the internet.

Still, the allure of the internet for mass media is understandable: "Twenty-four per cent of all media consumption across the world will be mobile this year, up from just 5 per cent in 2011, according to advertising and marketing agency Zenith's *Media Consumption Forecasts 2018*." ([bit.ly/2xvDaKM](http://bit.ly/2xvDaKM)) People in developing countries used to own radios, often with at least one shortwave band. Now many of them they own mobile devices capable of internet access. So that is where they get their news. Until it is blocked.

## "Shortwave is not the internet"

On May 17 and 18, I attended the annual meeting of the National Association of Shortwave Broadcasters ([shortwave.org](http://shortwave.org) – the private US shortwave stations), which this year happened to be in my hometown

of Elkhart, Indiana. Half of my hour presentation was a talk about the competing media that have cut into the audience for shortwave: 1) Placement of programs on domestic radio and television stations in the target country; 2) Satellite broadcasting; and 3) the internet – now the biggest competitor for reasons discussed above.

Then I discussed the vulnerabilities of those three competitors to shortwave as media of international broadcasting. In particular, more and more nations are finding more and more ways to block internet content. I concluded by stating that shortwave's biggest advantage in the modern global media environment is that is *not the internet*.

The second half of my presentation was a pitch for my Shortwave Radiogram project ([swradiogram.net](http://swradiogram.net)). My objective was to get Shortwave Radiogram's digital modes via WRMI or WWCRC special transmissions into the RF-infested steel building of meeting host SonSet Solutions (successor to the HCJB Technology Center), to be received on a \$40 (street price) SonSet radio. What could possibly go wrong?

Well, it succeeded. Partially. The very slow Olivia 64-2000 (25 wpm) and 32-2000 (50 wpm) modes decoded without error. MFSK16 (55 wpm) did well, including text in Russian, Chinese, and Persian. MFSK32 (120 wpm), the usual mode of Shortwave Radiogram, was flawless, including an image. Then came MFSK64 (240 WPM), obviously a bridge too far. The faster modes are, understandably, fussier. The two MFSK64 modes didn't make it, either. One problem is that I did not turn off the AFC in the new installation of the Fldigi software, so Fldigi wandered up in down in audio frequency looking for the signal.

A nice surprise at the NASB meeting was the presentation of a nicely framed certificate to me, of all people, for "many years of contributions to the shortwave broadcasting communities in the United States and around the world."

## DRM at NASB

Digital Radio Mondiale (DRM) was also discussed at the NASB meeting. My friend Christopher Rumbaugh, K6FIB ([drmnna.info](mailto:drmnna.info)) (who helped me set up the Shortwave Radiogram demonstration) spoke about DRM. Then George Ross of TWR discussed the Titus DRM receiver/tablet that, unfortunately, was not available for the meeting. But later that afternoon, Christopher, who *did* have a Gopell GR-216 DRM receiver, successfully decoded Radio Kuwait's DRM transmission.

There may be some good-natured competition between DRM and the Shortwave Radiogram concept, although DRM has an entire organization behind it, and I am just one retired guy. At the meeting, I acknowledged that DRM makes beautiful music, while Shortwave Radiogram cannot make music at all. But, if a country blocks your internet content, it will probably jam your shortwave signal. My experience (hundreds of hours) decoding DRM is that it folds like a five-dollar suitcase in the face of substantial interference. Digital modes via analog broadcast have successfully been decoded in the face of Chinese and Cuban jamming.

## Shortwave propagation on a flat earth

On May 11, Allan Weiner on his WBCQ show let slip that the client and benefactor for WBCQ's new Continental 500-kW transmitter and Ampegon rotatable antenna is the religious organization World's Last Chance ([worldslastchance.com](http://worldslastchance.com)). Among other things, they believe the earth is flat. Which will be hard to explain if their broadcasts reach their target areas, in accordance with the precepts of ionospheric propagation.

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# Shortwave Center

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*We were all saddened to hear of the passing of Bill Oliver, a revered and vital member of the NASWA community. Personally, I knew Bill for a much shorter time than many in the club and my times with him were limited to his visits to Kulpsville and then later Plymouth Meeting, PA for the annual Winter SWL Fest. Still, one thing that distinguished him in my mind was the fact that in an age of "blowing" Bill had a way of expressing all matters — whether serious or frivolous — in an exceedingly economical fashion. He was a man of few words but great deeds, something we could all do well to emulate. Hope the DX is better in heaven, Bill, than it is here!*

## Let's All Grow Old Together, Right Here in Pennsylvania

By MARY WALTON

New York Times, FEB. 16, 2000

IT is scarcely news that Florida has the nation's highest percentage of residents 65 and older — 18.3 percent, according to 1998 Census Bureau figures.

What is surprising, though, is that the second-highest percentage of older people live in Pennsylvania, a rust-belt state with a roster of aging towns and cities, blustery winters and the kinds of recreation — hunting, fishing and skiing — best undertaken by the physically fit. Nevertheless, 15.9 percent of its population is 65 or older.

"As a state official, I would tell you that it's because it's such a wonderful place to live," said Richard Browdie, the secretary of aging. "But as a demographer, I would say that if you look at the composition of the commonwealth, it has a lot of extended family structures that have just been in the state for a long time." In other words, he said, "People don't want to get too far away from families."

Pennsylvanians tend to stay put. In the 1990 census, 80 percent of the state's residents said they had been born there, a higher percentage than any other state. That is not to say Pennsylvanians do not move. The cities

and suburbs are full of people who were born elsewhere. They just do not move far. And as they age, they remain where they are.

Among the fastest growing pockets of older Pennsylvanians are postwar suburban developments, which once harbored young families.

Between 1952 and 1958, the developer William J. Levitt constructed 17,311 moderately priced single-family houses on concrete slabs in Bucks County, just outside Philadelphia, and gave the development his name. Today, those homeowners are, in the words of professionals who work with older people, "aging in place."

A World War II Army veteran, William Oliver, 71, and his wife, Evelyn, 73, arrived in Bucks County in 1954 from Ashland, in the played-out coal regions of northeastern Pennsylvania. Mr. Oliver found work in a steel-products plant, but it was 1965 before he and his wife could afford a four-bedroom, two-bath Levittown ranch, which cost \$10,000. They reared three daughters in Levittown, and two still live nearby.

On a recent January morning, with temperatures in the single digits, Mr. Oliver was sitting at a computer in the Bristol Township Senior Center. He wore blue suspenders and a colorful Panama Canal T-shirt, a gift

from a sister-in-law who volunteers for the international relief agency Doctors Without Borders. Hooking his hands inside his waistband as he leaned back in his chair, he said: "All the things for a nice, peaceful life are here. We have libraries, which are important to me. I'm not an opera buff, so I don't need opera. We don't have a crime rate like you have in the cities." A smile creased his countenance. "And I have a daughter in Texas. I need to stay here as a beacon if she ever decides to come back home."

Mr. Oliver's Levittown home has served him well in retirement. He has converted the two upper bedrooms into an office, where he publishes journals for two radio clubs that he belongs to. The upstairs bathroom contains equipment that he uses to make beer with his next-door neighbor, a widower. From their front yard, the Olivers can point to a half-dozen neighbors whom they have known for decades. The senior center,

where Mr. Oliver teaches computer classes and his wife teaches needlepoint, is a five-minute drive away.

FROM 1990 to 1998, the population of residents 65 and over in Bucks County grew an estimated 24.9 percent. Bristol Township, home of Levittown and other postwar developments, where local officials once scrambled to build schools and recreation facilities for children, is now laboring to provide services for its older citizens.

"We see people all the time in need of low-income housing," said Bonnie Worth, the director of the center, which is often the first stop for people who need help.

"They can't keep up their homes or keep up with property taxes," she said. "The original homeowners aged right along with their homes, and they're older and their homes are older at the same time."



Bill and Evelyn Oliver moved to Levittown, Pa., in 1965, and found "all the things for a nice, peaceful life."

Tom McDermott, the director of community development for the township, said the number of older people applying for federal aid to rehabilitate homes has grown, but funds have shrunk. Unless there is an emergency, applicants may have to wait five years, he said.

Transportation is a pressing problem for those who can no longer drive. When callers complained that the line to Bucks County Transport was always busy, the nonprofit agency, which uses state lottery profits to provide modestly priced rides for people 65 and over, installed a new telephone system and doubled the reservation staff. But because people can now get through, requests have soared, said Vincent Volpe, the executive director. The waiting period for a ride has increased from several days to as long as 10.

Philadelphia, where 15.2 percent of the population was 65 or over in 1990, is struggling to meet the needs of an aging minority population. Of the population 60 and older, one in four residents is at, or near, poverty level.

"We're seeing more people who are elderly or poor," said Karen Mudd, the communica-

tions director of the Philadelphia Corporation for Aging. "It's not a wonderful trend."

The state's Pocono Mountains region is also attracting more older people. Many young families moving into the area from New York take their parents with them, said Linda Peifer, the director of the agency on aging in Pike County, where the population grew to an estimated 40,172 from 27,966 between 1990 and 1998, and the 65-and-over segment grew 41.4 percent in that period.

In addition, people are retiring to second homes there, despite a shortage of medical facilities and little public transportation. To reach the closest hospital, Ms. Peifer said, it "takes at least 20 to 25 miles anywhere you live."

With no family members nearby, older people who can no longer drive are often isolated. "They don't have transportation, but they stay because that's where they ended up, and they don't want to go back to the city."

*Mary Walton is a freelance writer who lives in southern New Jersey.*

## STATION NEWS

# GERMANY -DW

Deutsche Welle (DW), Germany's public international broadcaster, marked its 65th anniversary in May.

DW was launched on 3 May 1953 with a speech by then Federal President Theodor Heuss who addressed the "dear listeners in faraway countries". DW started broadcasting three hours a day on shortwave in German only. It added five-minute news bulletins in English, French, Spanish in October 1954 and gradually expanded its offer.

No longer just an international radio broadcaster DW is now a global multimedia network.

DW introduced television in 1992, DW TV is now available round-the-clock in four

languages: German, English, Arabic (Middle East, North Africa and Europe) and Spanish (for Latin America).

DW offers a variety of audio content and publishes online news in 30 languages on dw.com. It is seen as a trustworthy service, according to 96 per cent of its worldwide users.

In 1965 Deutsche Welle launched its Academy which has trained thousands of journalists from around the world.

Deutsche Welle's 2017 budget was around €326m, from the federal tax budget.

DW says it employs some 3,400 people from 60 countries in Bonn and Berlin.

The Channel interviewed then DW DG Erik Bettermann in 2103 when DW marked its 60<sup>th</sup> anniversary. (Source: AIB May Industry Report)

## NEW ZEALAND - RNZI

### RNZ welcomes investment in public media

May 17, 2018

RNZ welcomes the injection of \$15m to the public media sector in Budget 2018, says chief executive Paul Thompson.

"This is good news and signals the Government's commitment to investing in a stronger, multimedia RNZ that provides freely-available, high-quality journalism and programming."

"While we have yet to receive detail of RNZ's share of the funding we are preparing our plans to ensure the public benefit from any increase.

"RNZ is the nation's commercial-free public broadcaster and we will play a growing role in ensuring New Zealand is a connected and informed democracy."

"We are also encouraged by the indication that further funding will be allocated in future budgets for full implementation of the Government's public media policy."

(Source: RNZ press release.) [No word yet on how much, if any, of this increased funding will go to RNZI. - ed.]

## FRANCE - RFI

On 18 April, Marie-Christine Saragosse was reappointed CEO of the France Médias Monde (FMM) the group in charge of French international broadcasting for another five-year term. Saragosse, who had been in charge of FMM since 2012, had to leave her post in mid-February when her mandate lapsed after she failed to provide details of her statement of assets and interests on time owing to an administrative oversight.

France Médias Monde, includes the news channels France 24 (in French, English, Arabic and Spanish), RFI (Radio France Internationale), the news and current affairs radio station that broadcasts worldwide in French and in 13 other languages, and the Arabic-language radio station Monte Carlo Doualiya, which broadcasts from Paris to the Middle East, Mauritania, Djibouti, and South Sudan on medium wave, FM, via satellite and partner radio stations. FMM employs 1,856 people (full time equivalent).

According to the draft budget law being currently examined in Parliament France

Médias Monde 2018 budget is to be set at some €263m.

Saragosse presented her Strategic Plan for FMM in April.

This plan lists FMM's core principles as the need to abide by the group's code of ethics, to defend freedom of information through increased security, including cyber security, and to combat fake news.

The plan stresses also that FMM is to strive to promote respect for human rights and diversity, by combating stereotypes.

FMM's missions include, among others, "telling France's narrative" in all its aspects, including in the political, social and economic spheres, but also its cultural and research achievements

[Source: AIB May Industry Report]

## America's Oldest Commercial Shortwave Station Testing in DRM

**WINB**, America's oldest commercial shortwave station, is testing in DRM via two transmitters. The test transmissions are directed to both parts of Europe and North America.

A new ASI transmitter, a CE-5000WS, is on the following test schedule: Monday-Friday 1100-1700 UTC on 15670 kHz. The transmitter is rated at 15 kW and is using a rhombic antenna at 62 degrees.

At times when the ASI transmitter is not being tested, WINB will be testing in DRM

via its existing Continental 417B transmitter on 9265 kHz via a rhombic antenna beamed 242 degrees.

Programming is from WINB's Internet audio stream and is in English and Spanish.

WINB is America's oldest commercial shortwave station, having come on the air in 1962. The station is located in Red Lion, Pennsylvania, USA

(via Hans Johnson, WINB Sales Manager, [winb.com](mailto:winb.com) [winb40th@yahoo.com](mailto:winb40th@yahoo.com))

### DRM/RECEIVER REVIEW/NEWS

[Ed. Note: The following was gleaned from the DRMNA web site and refers to some members' experience with the Gossell GR-216 receiver that was demonstrated at this year's NASB Conference in Elkhart, Indiana. We should have a fuller report on the conference in general next month.]

## CONUS-wide Gossell GR-216 review!

Special thanks to Haochun of [Gossell](#) for the demo unit. As you will read below, we really put it through its paces. Haochun allowed us a test unit and this single radio was all over the USA in states from the West Coast to the East Coast in 6 months.

We were particularly fortunate to present the demo unit at NASB 2018 at SonSet Solutions in Elkhart, Indiana. Kuwait DRM came through for a solid hour on two frequencies from 7000 miles away! Here is a short clip as an example. If this doesn't convince you that we have a winner here, then nothing will!

It is a pity there is so little DRM available in North America. After our experience with Kuwait, the consensus is that the GR-216 works well overall and very well with DRM (remember, this is an early release with early firmware) and I believe it represents

hope that tabletop DRM reception is now within reach.

Fibber

I have been taking my time to enjoy the new GR-216. The unit is a full featured table top with traditional AM and FM offerings plus Shortwave and DRM (for AM and Shortwave bands). Build quality is really nice. It is a solid feeling radio, with a crisp looking LCD display. It sports BNC connectors for antennas and RCA and 1/8" jacks for audio output. It has a physical switch for using internal versus external antennas.

I'm going to quickly cover AM and FM reception. Here in the Pacific Northwest, DRM is just about non-existent currently. Shortwave reception is fair this time of year so here is an example of daytime VOA Korea.

On a quick trip to the Oregon coast, I caught this Classical music station transmitting full RDS. Nice to see the scrolling text descriptions on such a nice, bright display.

I did have several brief opportunities to compare signal levels on DRM broadcasts. Kuwait and Romania both presented on the radio, Kuwait with bits of audio. I ran these concurrently with a recent build of DReaM and found the Gspell comparable to what I was getting via the ELAD FDM-S1 using DReaM.

I must say that the variable AM bandwidths have quickly become my favorite feature. The wide settings are more than generous for high-fidelity listening. The medium and narrow settings provide the ability to avoid adjacent squawk in even the overcrowded 49M bands on my West Coast mornings.

If I had any suggestions with would variable AGC options for AM and possibly speaker modifications as the AGC seems to on-occasion clamp and then release on deep fades to big signals, causing physical speaker distortion or almost rattle even. No doubt some of the problem is simply a firmware adjustment.

This is by far the most stout and robust feeling DRM receiver I have encountered. Once the price-point approaches that of conventional (but high-quality) tabletops, we will have a global winner here. xHE-AAC compatibility on DRM too, so this one will be ready for my Global DRM Domination plan!

**BRENDAN:**

First Impressions: after the box arrived, I carefully pulled out all of the contents and studied the radio itself. Larger and heavier than the DR111, it has a sturdy plastic case and knobs. A separate 110V power supply with Euro-style pins had been sent along, but a pin adapter fixed that issue. Plugged it in and was greeted by the radio as it booted up. It worked!

But what kind of radio is this? Is it a geek's radio or a consumer's radio? It's a bit of both actually. You can choose to just set and use the memories and be happy, or manually

tune it and listen to DX. With both internal antennas and BNC connectors for external ones, you can choose to use it as a tabletop receiver in the kitchen or living room. Think of it this way: the looks of an MW/FM receiver, with a decent HF SDR receiver inside.

Build quality is something I'd like to talk about before my operating observations. The case is sturdy, but the knobs and buttons need a better mechanical foundation. They are wiggly when they're not supposed to be and feel cheap. The sub-assembly that the front control buttons are attached to is not very strong, since a single button push would move them all within their casing holes. All controls actually worked fine, so the electrical aspect was good, just not the structural assembly. The main tuning knob is used for several functions just like the DR111, but it too needs some work. It often overtunes (too fast), even in 'slow' mode, so manual tuning has to be carefully done, and the detents in the knob's action don't help either. There is an extensive frequency/channel memory system built-in, but I did not use it.

Operating the radio, I found not all controls to be entirely obvious, nor did the instruction booklet provide much help actually. I still don't really know what "VF/VM" means, outside of perhaps meaning "Visible Frequency/Visible Memory." Never did function that I could tell...

However, most of the other control functions were easy to understand and/or figure out, so I was able to get it working reasonably quickly. Analog FM reception is quite good, and I was pleased at the fringe reception results for my location. The GR216 has a good speaker, and you can separately adjust the treble, midrange, and bass using the button control commands, a neat touch (no extra knobs). Stereo outputs are available on the back plane, so you can connect the radio to an outside stereo system. A 3.5mm headphone jack, 2 RCA connectors for both channels, and power inputs.

Analog MW/AM operation was very straight forward, and proved to be quite good with external antennas connected. The internal

antenna was not that good in my experience, due to AC hum like I have not heard in years. The FM band was only somewhat affected by the hum, but the MW/AM band was virtually useless. Not even the local MW stations located only about 5miles/8Km away completely overwhelmed, making listening very difficult. Connect an external antenna and the noise disappears, WITH the same power supply. Hmmm...

HF analog reception was good, especially with an external antenna connected, but the internal rod antenna was not that effective for HF purposes

A very neat feature that works on all modes is what appears to be an automatic filter bandwidth setting, and it works well. I could set the radio to FM, tune a local station which would then show a wide(r) bandwidth, while moving to what is a DX station showed a narrower width. Very effective, even on HF.

While I could not 'catch' any DRM signals during my review period, I have no doubt that the GR216 would work well, based on my previous experience with my own DR111. I would also rate the GR216 as a better all-around radio than the DR111, given the higher quality speaker and more refined operating controls.

In summary, I found the GR216 to be a good consumer-oriented radio. The bells and whistles that we enthusiasts like are there, but this is a radio even my 88 year mother could use once set up. She is not a tech whiz, and has difficulty with a smartphone, and I do cut her a lot of slack (she is my mother, after all!). For most people, this radio will be enough for them, and it certainly would be for my mother.

A good effort, now make it smaller!

MEL:

My reception of DRM has always been with a ham transceiver (Flex 5000) and DREAM software which meant I had to boot up a computer and load software. With the GOSPELL, power up is immediate and ready to receive. For me, this was nice.

As we know, there isn't much DRM available now due to poor propagation and the loss of stations on this continent. But I was able to decode the State of Kuwait well here in the Midwest. A couple times I decoded a few words from Radio Romania International on 6030 kHz. The GOSPELL displays the sending stations transmission parameters including SNR which tracks within a few dB of what DREAM reports.

There was little difference in the decoding sensitivity between the Flex/Dream and GOSPELL. The dropouts are handled eloquently with soft fade out/fade in vs. the more abrupt off/on of DREAM. Audio fidelity was very good. The front firing speaker was great and headphones worked well using the rear "socket" connection.

Functionally, all the controls and memories worked as described in the GOSPELL user manual. Programming the memories was not real intuitive (stores up to 20 frequencies across 5 banks) but I soon got use to storing/recalling them. The radio's confirmation "beep" is not set as a default but I believe would make memories easier to use. The two alarm timers are very loud so no fear of missing a scheduled time to listen!

For antennas, I used a "ham bands only" Yagi and 52 foot vertical. There are separate BNCs jack for connecting both FM and AM(DRM) antennas. I found the whip antenna adequate for medium wave and some shortwave listening and great for local FM stations. I did very little listening on AM shortwave, however the sensitivity/selectivity was good for the bands I scanned. Both slow and fast tuning is available on 15 bands (530 through 26100kHz). Status of the AM signal is given too. At the push of a button RF level in dBuv, frequency offset/bandwidth in kHz and carrier modulation in percentage is displayed.

It's 12 push buttons appear to be physically mounted on one inside panel. All these buttons slightly wiggle when any one is pushed as if they were "loose." This may be by design, however to ensure they will never stick. They have good tactile feel so I do not believe there is any reason for concern.

I had one issue with the radio. The display froze once on the station it was receiving (in this case, "Galeni TX1") and I could no longer change frequencies or recall memories on DRM. This was easily fixed using the radio's "Reset" command but at the sacrifice of losing all presets and memories.

Would I buy one? Yes, I would. The radio has good aesthetics would look fine anywhere in the house and it sounds great. Thanks to Fibber for loaning me the radio to try out.

ZYG:

The radio doesn't have an attenuator but I did try the BW settings. As I have not seen the schematic or even a block diagram of the receiver the following is only speculation on my part.

The radio needs a wide band IF filter to allow for the 10 kHz DRM signal. This IF filter appears to have a fixed (non-adjustable) bandwidth, and the adjustable menu BW filter appears to affect only the audio, as the adjacent strong station splatter can still be heard at the narrowest BW setting.

A good test for a MW receiver during the day, here in the metro Atlanta area, is to tune to 50 kW station WSM 650 kHz in Nashville, Tennessee, 308 km away from my house. With an outside long wire antenna the station can be heard by a good receiver, even though there is an adjacent local 50 KW station WGST on 640 kHz (31 km away). The radio in my wife's car (Subaru, Forrester) can clearly pick up WSM, without splatter during the day, in our driveway with just the stock car antenna! Similarly, during the night hours with a good receiver I can receive 50 KW station CFZM 740 kHz near Toronto, Ontario, Canada, without adjacent channel splatter even though the adjacent channel of 750 kHz is occupied by local 50 KW station WSB (25.5 km away).


The Gospell can hear WSM with the long wire but unfortunately underneath the very strong splatter of WSB. The same occurs with CFZM. As for shortwave, I compared the GR-216 using its internal telescoping whip antenna side-by-side with my Tecsun PL-880 using its telescoping whip. I find the Tecsun to be a little more sensitive than the Gospell.

## AVION DRM Digital Receiver Upgraded

Communications Systems Inc. in India, the manufacturer of the Avion DRM digital receiver AV-1401, have started their second production after undertaking several enhancements to the device.

They have upgraded the model **AV-DR-1401** with a new PCB design with enhanced sensitivity, and improved FM signal. The screen benefits from a change of the front lens into crystal die giving an improvement to the big LCD window. The manufacturer has

also upgraded the software for the Emergency Warning Functionality, so that it can be used when the receiver is in standby as well. Moreover, the receiver is now able to pick up weaker signals delivering those in better digital audio quality. Improvements have been done also on the antenna by providing a complete new design.

The manufacturer can receive orders for the production of the receiver on info@avionelectronics.in . 

### NASWA Facebook Page

Join moderator **Richard Murphy** <richard.murphy@swri.org> at the club's Facebook page which provides members with another way to keep in touch. While the existence of the group is visible to all Facebook users, the online postings are available only to group members and group members must be NASWA members. Comments and suggestions from the membership are welcome. To locate the NASWA Facebook page, simply enter "North American Shortwave Association" into the search box on the top toolbar. If you are into social media, give it a try. 

# Listener's Notebook

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Times are UTC and frequencies in kHz.

**AFGHANISTAN** Good signal of Radio Afghanistan External Service, April 15:

1530-1654 on 6100 YAK English/Urdu/Arabic & off (DX Mix-Bulgaria)

**ALASKA** Frequency changes of World Christian Broadcast, KNLS The New Life Station. All frequencies are registered May 17 in HFCC Database:

0800-0900 NF 9610 English tx#1, ex 9655

0900-1000 NF 9610 Russian tx#1, ex 9655

1000-1100 NF 9710 Chinese tx#2, ex 9655

1200-1300 NF 6075 English tx#1, ex 6045

1300-1400 NF 9760 Chinese tx#1, ex 6075

1400-1500 NF 6090 English tx#1, ex 6075

1500-1600 NF 9730 Chinese tx#2, ex 6075

1500-1600 NF 9760 Russian tx#1, ex 9730

1600-1700 NF 9560 Russian tx#1, ex 9730

1700-1800 NF 9560 Russian tx#1, ex 9730 (DX Mix-Bulgaria)

6045, KNLS, 1229, April 20. Strong signal but mixing with equally strong Voice of Freedom (Korea). What was unusual was that // 7355 was not on the air today (had recently been heard with good signal). (Ron Howard-CA) 6045, KNLS, \*1200, April 28. Voice of Freedom already on frequency with good signal, along with N. Korea jamming; suddenly on with ID & IS; // 7355. (Ron Howard-CA) 6045, KNLS, 1208, May 2. Interesting anomaly. During my daily monitoring of the Voice of Freedom here from Korea, I had recently been observing KNLS with strong \*1200, in English, but not so today; had Russian audio feed instead; normally would have been // 7355, but not so today, as that frequency indeed was carrying the correct schedule of English audio feed. Probably a one day mix up? (Ron Howard-CA) KNLS, on May 15, noted they were completely off the air on 6045, but as usual heard on 7355, in English, from scheduled 1200 to 1300. Probably just a one day anomaly? (Ron Howard-CA)

**ANGOLA** 4949.75, Radio Nacional de Angola, Mulenvos, 1840-1950, 12-04, Portuguese, songs, id. "Radio Nacional de Angola, servicio público",

"Radio Nacional de Angola, emitindo desde Luanda para todo o país em onda corta, banda de 25 metros, 11955 kHz, ..., banda de 60 metros, 4950 kHz, onda media...", at 1900 time signals, "20 horas no país, transmite Radio Nacional de Angola", news. 35333. (Méndez-Spain/PlayDX)

**ARMENIA** Very good signal of FEBA Radio via BaBcoCk Yerevan, April 26:

1600-1630 on 12125 ERV Guragena Mon-Wed

1600-1630 on 12125 ERV Amharic Thu-Sun

1630-1700 on 12125 ERV Amharic Daily

(DX Mix-Bulgaria)

Reception of Trans World Radio India via Yerevan on May 3:

1245-1300 on 9910 ERV Kuruk Thu-Sun, very good (DX Mix-Bulgaria)

Reception on TWR Trans World Radio India in 31mb, May 16:

1245-1300 on 9910 ERV Mundari Mon/Tue, strong

1245-1300 on 9910 ERV Kuruk Wed-Fri, fair

1300-1315 on 9330 ERV English Mon-Sat, strong

**AUSTRALIA** Very good signal of Reach Beyond Australia on April 9:

1315-1330 on 15320 KNX English Mon/Wed/Fri (DX Mix-Bulgaria)

Reception of Reach Beyond Australia on April 15:

1145-1200 on 11905 KNX English Sat/Sun - fair

1245-1300 on 9685 KNX English Dly, fair/good

1300-1330 on 9610 KNX English Sun, very good

(DX Mix-Bulgaria)

Reception of Reach Beyond Australia RBA on April 22:

1100-1130 on 15400 KNX Japanese Sat/Sun, weak

1245-1300 on 9685 KNX English Dly, fair/good

1300-1330 on 9610 KNX English Sun, very good

(DX Mix-Bulgaria)

Frequency changes of Reach Beyond Australia RBA from May 26:

1115-1245 NF 9670 KNX Various Daily, ex 9685  
1230-1245 NF 9670 KNX English Mo-Sa, ex 9685  
1245-1300 NF 9690 KNX English Daily, ex 9685  
(DX Mix-Bulgaria)

Good signal of Reach Beyond Australia in English, May 28:

1116-1131 on 15575 KNX English Mon-Wed/Fri  
(DX Mix-Bulgaria)

4835, Ozy Radio, March 30 was the best day so far; 1204 (after the news) the usual format of commercial announcement for radios ("We have thousands of satisfied customers around the world. So why not join them today?"), followed by laughing kookaburra, then nice "Waltzing Matilda"; followed by former Australian jazz-rock group, The Southern Contemporary Rock Assembly (SCRA), with "Roly Poly." Any day that this is strong enough for me to ID a song that I had never heard before, well that's a good day, even if it's poor reception. At 1220, started to notice a definite second audio that was mixing here with Ozy Radio; assume was AIR Gangtok (Sikkim); by 1305 could only make out a distinctive het (SAH); Glenn today reported 1229-1234 with SAH, along with Ozy Radio. Was perfect timing to hear audio from AIR Gangtok, as their local sunset was at 1222. Today was the first time I have heard Gangtok since Craig started broadcasting here. Gangtok had recently been broadcasting rather erratically, as was not on the air every day. (Ron Howard-CA) Low-powered Australian Ozy Radio (New South Wales) has now switched frequency to 4835, after a few weeks off air to retune their transmitter and antenna. 4835 was used by the ABC domestic shortwave service originating from Alice Springs until transmissions ceased in January 2017. According to Garry of Tecsun Radios Australia: "Expansion plans have also been made to re-deploy previous frequency 5045 to another location and to also commence DRM transmissions for Sydney in the near future". (British DX Club) 4835, Ozy Radio, April 1, yet another day with improved reception; getting better and better; 1017 sounded like a drama(?); pop songs; 1025 spot mentioning "Melbourne" (?); Australian singer Olivia Newton-John with "If You Love Me, Let Me Know." Sweeping sounds of QRM from CODAR; no OTH radar or utility QRM. (Ron Howard-CA) 4835, Ozy Radio, April 2. Day by day slightly improving; 1034 with Australian duo, Air Supply, with "Making

Love Out Of Nothing At All"; 1100 news ending at 1106 with the usual commercial announcement for radios, laughing kookaburra, "Waltzing Matilda" and brief ID; still with QRM from CODAR. (Ron Howard-CA) 4835 Ozy Radio has suffered a power supply issue (cooked).....like it's been 100F plus in April! Anyway, off air till at least 15th May. Crazy winter here soon!!! (Johno Wright-Australia/ARDXC) 4835, Ozy Radio, on April 29, continues to be silent here. Only hearing some faint audio from AIR Gangtok (presumed), at 1257. (Ron Howard-CA) 5045, Ozy Radio, QSL in 25 days. The report was sent to this E-mail address: dxe1234@gmail.com. (Dieter Sommer-Germany/DX Fanzine)

4835, Ozy Radio with eQSL and also a postal QSL card, received from John Wright (dxe1234@gmail.com). Thanks very much to Johno, who is the QSL manager for Ozy Radio. "Hi Ron, Johno here mate. Okay I can eQSL your reception....OZY RADIO! 1401-1406 28th March 2018 on 4835 kHz. I picked out the voice of AIR News and the Waltzing Matilda. Your a first day listener for this frequency of Ozy Radio! So well done! AIR= Australian independent Radio News. 1000 watts into the inverted V antennae at Razorback near Camden 25 NM SW of Sydney. Yes Craig is testing this frequency! Thank you for the information about the interference. Will pass onto Craig." On May 16, received in the mail, a full data QSL card confirming my April 1 reception of Ozy Radio. Johno noted on the card - "The last ever Australia native bird card!" (Ron Howard-CA) 4835, Ozy Radio, 1220+, on May 28. No trace of any carrier, so no Ozy. Also, no AIR Gangtok, which had been heard recently with serious transmitter problems (strong hum). (Ron Howard-CA) 4835, today (May 30) did note Ozy Radio back on the air. (Ron Howard-CA)

5055, 4KZ, with well above average reception, 1039-1107, April 1. Mostly pop songs (Bee Gees "How Deep Is Your Love," Bobby McFerrin "Don't Worry Be Happy," Eagles "One Of These Nights," etc.); 1100-1107 news & weather ("chance of thunderstorm"); best in USB due to QRM from China (Beibu Bay Radio) on 5050. (Ron Howard-CA) John Wright (Australia) indicates that the 5055 station, as of April 26, is now 1kW. On April 28, I did in fact note a slight improvement and was almost able to catch a song title, checking from 1119+. So is worth starting to monitor 4KZ again, especially on days with good propagation. Thanks to Johno for this info. (Ron Howard-CA) 5055, 4KZ, on April 29. Yes, all the evidence here points to being 1kW now; 1214+ with mostly pop songs and some commer-

cial announcements; above threshold level audio; finally, at 1315 was able to ID a song (Dobie Gray - "Drift Away"), whereas the other songs played I was not familiar with. My local sunrise was at 1316. This station started last year on Dec 20. Was doing fairly well for only 500w back in Dec-Jan, but Feb-Apr found most days with below threshold level audio (unusable), so was very nice today to be able to actually hear this at a level that I could ID a song. Look forward to days with even better propagation here. (Ron Howard-CA) May 1 - Another day with above threshold level audio on 5055.0 and best in USB to avoid the QRM from China (BBR) on 5050; from 1331 till cut off at 1356\*; playing EZL pop songs (Barbra Streisand with "The Way We Were," etc.). (Ron Howard-CA) 5055, Radio 4KZ, QSL card, 3 stickers in 40 days. The report was sent to this E-mail address: AL@nqradio.com.au. (Dieter Sommer-Germany/DX Fanzine) 5055.0, 4KZ, on May 7, with very respectable reception from this now 1kW station; 1324 till timer cut off at 1356\*; mostly pop songs (Isaac Hayes - "Shaft," Dan Fogelberg - "Longer," The Beatles - "Let It Be," Lovin' Spoonful - "Daydream," etc.). Daily am hearing this fairly well during the last half hour they are on the air. My local sunrise was at 1307. (Ron Howard, Asilomar State Beach, CA) 5055, 4KZ, 1048-1134, May 26. Mostly pop songs (Michael McDonald - "What a Fool Believes," Spandau Ballet - "True," etc.); commercial announcements; 1100-1106 with news, ad, sea conditions (wind direction & speed, etc.) and "on AM, FM and shortwave"; very decent signal strength, but up against heavy QRN (static); without QRN would have been fairly readable. (Ron Howard-CA)

**AUSTRIA** 6155, Radio Oesterreich International, QSL, pen in 14 days. E-mail address: roi.service@orf.at (Hubert Wilczynski-Poland/DX Fanzine)

Strong signal of Oesterreichischer Rundfunk, May 26:

0500-0620 on 6155 MOS German Mon-Fri  
0500-0610 on 6155 MOS German Sat/Sun  
(DX Mix-Bulgaria)

Relays of ORF in German are now on the air Mon 6155. (Allen Dean-UK/British DX Club)

HCJB Voice of The Andes via MBR Moosbrunn, April 7:

1530-1602 on 13800 MOS Russian Sat  
1602-1630 on 13800 MOS Chechen Sat  
(DX Mix-Bulgaria)

HCJB Voice of The Andes via MBR Moosbrunn on May 12:

1530-1602 on 13800 MOS Russian Sat, good  
1602-1630 on 13800 MOS Chechen Sat, fair  
(DX Mix-Bulgaria)

**BAHRAIN** Good signal of Radio Bahrain on May 7:

from 0537 on 9745 ABH Arabic CUSB  
(DX Mix-Bulgaria)

**BANGLADESH** Good signal of Bangladesh Betar on April 3:

1315-1345 on 9455 DKA Nepali  
1400-1430 on 15505 DKA Urdu  
(DX Mix-Bulgaria)

Current shortwave broadcast schedule direct from Bangladesh Betar:

1230-1300 on 15105 English  
1315-1345 on 9455 Nepali  
1400-1430 on 15505 Urdu  
1515-1545 on 15505 Hindi  
1600-1630 on 7250 Arabic  
1630-1730 on 7250 Bangla  
1745-1900 on 13580 English  
1915-2000 on 13580 Bangla  
(Abu Tabib Md. Zia Hasan, Senior Engineer)

Good signal of Bangladesh Betar, May 6:

1315-1345 on 9455 DKA Nepali  
(DX Mix-Bulgaria)

Strong signal of Bangladesh Betar, May 20:

1400-1430 on 15505 DKA Urdu  
(DX Mix-Bulgaria)

Bangladesh Betar in English & Bangla on May 12:

1745-1900 on 13580 DKA English, strong  
1915-2000 on 13580 DKA Bangla, very good  
(DX Mix-Bulgaria)

Strong signal of Bangladesh Betar, May 29:

1745-1900 on 13580 DKA English  
(DX Mix-Bulgaria)

4750, Bangladesh Betar - HS, 1235-1242, April 30. The Monday only SAARC (The South Asian Association for Regional Cooperation) news bulletin in English; "Assalamu alaikum. This is Bangladesh Betar"; items - three members of the UN Security Council delegation visiting Bangladesh held news conference, loan agreement for railroad project signed Friday in Beijing between Bangladesh & China, eleven children died Thursday due to train hitting a school bus in India and Indian guru sentenced to life in prison for rape; very rare that I can make out so many news items, as usually there is too much CODAR and CNR1 QRM; at 1255 the end of the daily very brief segment with the weather in English. (Ron Howard-CA) 4750, Bangladesh Betar - HS. May 15, noted for a second day that they were off the air; 1212+; only hearing the usual CNR1. (Ron Howard-CA) 4750, Bangladesh Betar - HS. On Monday (May 28), checked 1235-1242 for the once-a-week SAARC news bulletin, but as normally happens during Ramadan, was preempted; usual CNR1 QRM. (Ron Howard-CA)

**BHUTAN** 6035, BBS, 1143-1156\*, March 30. In English; playing pop songs in English; mixing with PBS Yunnan, which fortunately was mostly announcers in Chinese; clearly two stations on frequency; BBS with decent signal, but the PBS QRM made Bhutan unreadable. Thimphu sunset was at 1218. (Ron Howard-CA)

**BOLIVIA** 3310, Radio Mosoj Chaski, Cotapachi, 0022-0035, 13-04, Quechua, comments, Bolivian songs. Clear signal. 25432. (Méndez-Spain/PlayDX)

4410, just saw a report of Radio Eco, Reyes, Bolivia online being active on 4410 still. This is a good time to get them grayline, too, in early evening in USA. (Ralph Perry-IL) 4410, Radio Eco Reyes is on in Tropical Band. Date: Sun, 08 Apr 2018 21:00:30 +0000. (Via HardCoreDX & Daniel Wyllyans/New Zealand DX Times)

5952.47, R. Pio Doce. Nice clear strong steady signal w/camposina mx at 0148 t/in. 0154 M DJ anncr in Aymara w/TC, ment of Christa, etc. 0155 brief pleasant flute mx bridge, then M took phone call by lady w/horrible phone connection. 0159-0204 ad/promo block, one w/ments of Cochabamba and camposina, and Pio Doce, then M returned. More campo mx at 0220 recheck. Nice "Pio Doce" shouted singing jingle at 0225, long closing prayer by M and W, full canned closing ID anmnt by M over "Colonel Bogey" march, Vibraphone IS 3 times, deadair, and

off at 0230:32. Best hrd in a while. (Dave Valko-PA 12 May)

6134.8, Radio Santa Cruz, Santa Cruz de la Sierra, 0027-0038, 13-04, Spanish, comments. Very weak, best on LSB. 13321. (Méndez-Spain/PlayDX)

**BRAZIL** 4875.2, Radiodifusora Roraima, Boavista, 0027-0034, 13-04, Portuguese, comments. 25322. Also 0350-0358\*, 13-04, Brazilian songs, id. At 0353: "23 horas 53 minutos, Radio Roraima", at 0358: "Boa noite, para todo o Brasil e o mundo, Radio Roraima, AM 590 kHz, onda tropical, 4875 kHz", closing. 25322. (Méndez-Spain/PlayDX)

11735, Radio Transmundial, Santa Maria, 1751-1830, 12-4, Portuguese, religious comments and songs, id. "Você esta ouvindo a Radio Transmundial". Zanzibar out of air. 24332. (Méndez-Spain/PlayDX) 11735, Radio Trans Mundial, QSL in 90 days. Report in Portuguese sent to: qsl@transmundial.com.br. V/S: Rudolf Grimm (Christian Ghibaudo-France/DX Fan-zine) 11734.95, R. Transmundial. Over ZBC Zanzibar again today at 2054 w/Pop-like mx, 2056 canned PT anmnts including IDs and website, and off in mid-anmnt at 2058:26 leaving ZBC along playing Afro Pop mx. (Dave Valko-PA 11 May) 11735, Radio Transmundial, Santa Maria, 1935-2005, 26-05, religious songs and comments, id. "Esta e a Radio Transmundial...". 34433. (Méndez-Spain/PlayDX)

11855.7, Radio Aparecida, Aparecida, 2005-2014, 12-04, religious songs and comments, ID. "Aparecida". 34433. (Méndez-Spain/PlayDX) 11855.79, R. Aparecida. Excellent signal w/"Voz do Brasil" pgm at 2256 // to massive 11780.01 Nac. Amazonia but it went off at 2359:50. 2300 full canned ID by M. (Have been noticing what I believe is Aparecida signing on daily at 1000 on 5035, but can't get any useable audio.) (Dave Valko-PA 4 April)

11895, Radio Boa Vontade, Porto Alegre, 2003-2012, 12-04, Portuguese, religious comments and songs. 13321. (Méndez-Spain/PlayDX)

11915, Radio Gaucha, Porto Alegre, 1745-1758, 12-04, Portuguese, comments. Very weak, barely audible. At this time Arabia out of air, but at 1758 on air again and Radio Gaucha completely eclipsed. 14321. Also 2001-2045, 12-04, Portuguese, comments, female and male, ID. "Gaucha". Interference from Arabia, but at this time BSKSA weak and with strong fading and the Brazilian station was audible above BSKSA. 13321. (Méndez-Spain/PlayDX)

**BULGARIA** Reception of End Times Coming ETC Radio via SPL Secretbrod, May 16:

1800-1830 on 9400 SCB English Ex-Catholics For Christ, good  
(DX Mix-Bulgaria)

Adventist World Radio via SPL Secretbrod, April 19:

1600-1630 on 11950 SCB English, good signal  
(DX Mix-Bulgaria)

**CANADA** 6030, Calgary - CFVP relaying CKMX (AM 1060), 1208+, on April 25; mixing with stronger CNR12; comedians with lots of canned laughter; several clear IDs; "Laugh your ass off to and from work with Calgary's all new funny 10-60 AM" and "share a laugh with us . . . Calgary's all new funny 10-60 AM. Jerry Seinfeld"; Calgary and Monterey today with same sunrise time (1320). Surprising how well 100w was doing up against 100kW. (Ron Howard-CA)

6070, CFRX, Toronto, QSL card in 12 days. V/S: Steve Canney, QSL Manager. Reception reports can be sent to: cfrbcfrxreport@gmail.com or: CFRX, Steve Canney, VA3SC, 1831 Waterdown Rd., Burlington, Ontario, Canada, L7P 5A2. Criteria to receive a CFRB/CFRX QSL card: <http://cfrx.webs.com/> "Return postage is greatly appreciated and ensures a faster response. For Canadians, include one \$1 or an SASE, U.S. listeners \$2 dollars, and for international listeners, \$3 in Canadian or U.S. funds. Date you heard CFRB or CFRX; Time you heard the transmission (local or UTC); Frequency (specify CFRB 1010 or CFRX 6070 kHz); Program material (at least 10 minutes of specific program material heard, i.e. name of announcer, commercials heard, news items etc.); Signal report (a general overview of how well you were hearing the signal in your location); Mention of the type of equipment and antenna you were using to hear the signal is helpful as well." (Manuel Mendéz-Spain/DX Fanzine)

**CENTRAL AFRICAN REPUBLIC** Shortwave schedule of Radio Maingo:

0600-1100 on 6030 BLI Sango/French  
1300-1600 on 6030 BLI Sango/French  
(DX Mix-Bulgaria)

**CHINA** CRI and CCTV, down to the programming and production level. How they will do this across several media forms and transmission modes, e.g.

domestic and international radio across 70 languages, domestic and international tv, web sites, podcasts etc. remains to be seen, but expect this to be the largest shake up and restructuring since the founding of the People's Republic in 1949. The English language reporting of this has been appalling in its ignorance to date, all seem to be regurgitating an 'expert source' who equate 'Voice of China' to be a mimicry of Voice of America. 'Voice of China' was used by the Chinese Nationalist government in Chongqing (Chungking) from 1937-1949, broadcast via XGOY and XGOX. This later became the Voice of Free China after the retreat of the Nationalists to Taiwan, and later Radio Taipei International and Radio Taiwan International. CNR-1 has been broadcasting with the banner of 'Zhongguo zhi sheng' (Voice of China) since 2012(?) and it is this that will be the new brand of the merged media network. (Edwin Lowe-Australia/ARDXC) Voice of China, as the new outlet will be known internationally, will be formed by combining three mammoth state-run national networks: China Central Television (CCTV), China National Radio and China Radio International. It will employ more than 14,000 people. The merger was revealed in a Communist Party document on a sprawling government reorganization program, championed by President Xi Jinping to reinforce the party's absolute control in all aspects of state governance. State news agency Xinhua released the document Wednesday after it was approved by China's rubber-stamp parliament. With echoes of the Voice of America radio service created by the US government during World War II, Voice of China is tasked with "propagating the party's theories, directions, principles and policies" as well as "telling good China stories," according to the document. It will be under the direct control of the party's central propaganda department. (Stephen Jiang, CNNMoney, Beijing, via Edwin Lowe- Australia/ARDXC)

Summer A-18 frequency changes of China Radio International CRI:

0900-1057 NF 11905 JIN English, ex 13790 A-17  
1000-1057 NF 9820 BEI Chinese, ex 17540 A-17  
1200-1457 NF 15590 URU English, ex 17630 A-17  
1300-1357 NF 12025 XIA Korean, ex 13570 A-17  
1400-1457 NF 9740 JIN Sinhala, ex 11900 A-17  
1600-1657 NF 9605 BEI Russian, ex 13580 A-17  
1600-1657 NF 9730 SZG Russian, ex 13860 A-17  
1600-1757 NF 11690 KAS French, ex 15680 A-17  
1700-1757 NF 7265 URU Russian, ex 13640 A-17  
1700-1757 NF 7330 JIN English, ex 11900 A-17

1700-1757 NF 9750 BEI Esperanto, ex 13570 A-17  
2030-2227 NF 9720 URU French, ex 9430 A-17  
2300-0057 NF 7430 HUH Russian, ex 7405 A-17  
(DX Mix-Bulgaria)

**CLANDESTINE** Updated schedule of Dengé Welat,  
May 17:

0230-0500 on 9525 ISS Kurdish as scheduled A18  
0500-0600 on 11530 ISS Kurdish, ex same via KCH  
0600-1500 on 11530 KC Kurdish, ex 0500-1400  
1500-1900 on 11530 ISS Kurdish, ex 1400-1900  
1900-2100 on 11530 ISS Kurdish, ex same via KCH  
(DX Mix-Bulgaria)

Radio Ndarason International via BaBcoCk on April 9:

0700-0800 on 13810 WOF Kanuri, very good  
1800-2100 on 12050 ASC Kanuri, very good

Radio Ndarason International via BaBcoCk Ascension on May 22:

1800-2100 on 12050 ASC French/Kanuri, fair/good  
(DX Mix-Bulgaria)

Radio Ndarason Int via BaBcoCk Ascension on April 18:

0500-0600 on 5960 ASC Kanuri, poor/weak  
0600-0700 on 7415 ASC Kanuri, very weak  
(DX Mix-Bulgaria)

Radio Dandal Kura Int via MBR Issoudun, April 9:

0600-0700 on 11910 ISS Kanuri, very good  
1800-2000 on 11830 ISS Kanuri, very good  
(DX Mix-Bulgaria)

Radio Dandal Kura Int via TDF Issoudun, April 18

0500-0600 on 7220 ISS Kanuri, fair  
0600-0700 on 11910 ISS Kanuri, good  
(DX Mix-Bulgaria)

Radio (Ndarason) International & Radio Dandal  
Kura Int, April 27:

from 1800 on 12050 ASC French Radio International???

from 1803 on 11830 ISS Kanuri Radio Dandal  
Kura Int  
(DX Mix-Bulgaria)

Radio Ndarason International in Kanuri & French  
to lake Chad region:

0500-0600 on 5960-asc  
0600-0700 on 7415-asc  
0700-0800 on 13810-wof  
1800-2100 on 12050-asc  
(British DX Club)

Radio Dandal Kura International

0500-0600 on 7220-iss  
0600-0700 on 11910-iss  
1800-2000 on 11830-iss  
(British DX Club)

Radio Dandal Kura International via MBR Issoudun,  
May 25:

0500-0600 on 7220 ISS Kanuri, fair/good signal  
0600-0700 on 11910 ISS, very good signal  
(DX Mix-Bulgaria)

Radio Munansi broadcasts in Lingala to Uganda  
via WWRB, Morrison, Tennessee, USA. Following  
the introduction of DST in the USA from 12 March  
the schedule has changed to: 1400-2100 SaSu on  
15240. (Observations by Dave Kenny 10-11 March/  
British DX Club)

Reception of Voice of Oromo Liberation via MBR  
Nauen, May 27:

1700-1730 on 15420 NAU Oromo Wed/Fri/Sun,  
strong  
(DX Mix-Bulgaria)

Shiokaze Sea Breeze & Furusato no Kaze via  
Yamata, April 5:

JSR Shiokaze Sea Breeze

1300-1400 on 6040 YAM English, fair to good

Furusato no Kaze via JSR Shiokaze Sea Breeze

1405-1435 on 6070 YAM Japanese, very poor  
(DX Mix-Bulgaria)

Radio Voice of Independent Oromiya via TDF Issoudun,  
May 20:

1600-1630 on 17850 ISS Oromo Sun, fair  
(DX Mix-Bulgaria)

- Voice of Amara via TDF Issoudun May 28:  
1700-1800 on 15360 ISS Amharic Sa-Mo/We  
(DX Mix-Bulgaria)
- Reception of Radio Xoriyo Ogaden via MBR Issoudun on May 5:  
1600-1630 on 17630 ISS Somali Tue/Sat, fair/good  
(DX Mix-Bulgaria)
- Frequency change of BRB Radio Xoriyo Ogaden via TDF Issoudun on May 7:  
1600-1630 NF 17770 ISS Somali Mon/Fri, weak/  
fair, ex 17870  
(DX Mix-Bulgaria)
- Frequency change of BRB Radio Xoriyo Ogaden via TDF Issoudun (May 28):  
1600-1630 NF 17770 ISS Somali Mon/Fri, ex 17870
- Reception of BRB Oromo Voice Radio via TDF Issoudun on May 14:  
1600-1630 on 17850 ISS Oromo Mon/Wed/Sat, good  
(DX Mix-Bulgaria)
- Reception of Radio Xoriyo Ogaden via MBR Issoudun on May 22:  
1600-1630 on 17630 ISS Somali Mon/Fri, good signal  
(DX Mix-Bulgaria)
- Reception of BRB Radio Xoriyo Ogaden via MBR Issoudun, May 25:  
1600-1630 on 17770 ISS Somali Mon/Fri, fair to good  
(DX Mix-Bulgaria)
- Reception of Radio Xoriyo Ogaden via MBR Issoudun on May 29:  
1600-1630 on 17630 ISS Somali Mon/Fri, good signal  
(DX Mix-Bulgaria)
- New time & frequency of Radio Nigeria Hausa Sce via SPL Secretbrod:  
1800-1900 on 15110 SCB Hausa Radio Na Gaskiya/  
Radio of Truth  
1600-1700 on 15115 SCB Hausa registered in HFCC  
is inactive  
(DX Mix-Bulgaria)
- Radio Nigeria Hausa Sce/Radio of Truth via SPL Secretbrod, May 27:  
1800-1900 on 15110 SCB Hausa Radio Na Gaskiya,  
fair signal  
(DX Mix-Bulgaria)
- Oromo Voice Radio via TDF Issoudun on May 28:  
1600-1630 on 17850 ISS Oromo Mon/Wed/Sat  
(DX Mix-Bulgaria)
- Dimtse Radio Erena via SPL Secretbrod on May 8:  
1700-1800 on 9720 SCB Tigrinya/Arabic  
(DX Mix-Bulgaria)
- Radio Nigeria Hausa Sce via SPL Secretbrod, April 19:  
1800-1900 on 15110 SCB Hausa, poor/weak signal  
(DX Mix-Bulgaria)
- Reception of Radio Itahuka via MBR Talata Volonondry on May 5:  
1800-1900 on 15420 MDC Kirundi Sat, weak plus  
jamming  
(DX Mix-Bulgaria)
- Reception of Radio Free North Korea via Tashkent, May 16:  
1200-1300 on 15630 TAC Korean, very weak signal  
(DX Mix-Bulgaria)
- Frequency change of Voice of Tibet, May 23:  
1300-1313 NF 11628 DB Chinese, ex 11633  
1313-1330 NF 11626 DB Chinese, ex 11627  
(DX Mix-Bulgaria)
- Reception of BRB Radio Que Me via T8WH Angel 3 on May 25:  
1200-1230 on 9930 HBN Vietnamese Fri, poor  
(DX Mix-Bulgaria)
- Eye Radio appears to have dropped SW broadcasts for the time being. There have been no reports of it being heard since last November and its not currently listed by brokers Alyx & Yeyi. (British DX Club)  
11530, Radio Dengê Welat (formerly Dengê Kurdustane), via Kishinev, F/D eQSL via PRTC Moldova

in 1 day for e-report to: prtc@idknet.com. (Juergen Waga-Germany/DX Fanzine)

**COLOMBIA** 5910, Alcaraván Radio, Puerto Lleras, 5910.3, 0455-0523, 28-05, Latin American songs. Very weak. Very irregular, most days out of air. 15321. (Méndez-Spain/PlayDX)

**CONGO (REPUBLIC OF)** Good signal of Radio Congo Brazzaville on May 10:

1805-1830 on 6115 French & off  
(DX Mix-Bulgaria)

6115, Radio Congo (presumed), on March 30, at 0555; had just missed the sign on; announcers in French; mixing with stronger Japan ("RN2"), which had mostly pop songs in Japanese or English; Congo with no music. Brazzaville local sunrise was at 0501, so by 0605 signal was unusable against the more powerful RN2. (Ron Howard-CA) 6115, Radio Congo (presumed), on April 27, with \*0538; programming entirely with announcers in French (no music) till tuned out at 0555; mixing with Japan (IDing as "RN2, Radio Nikkei"), which was playing mostly non-stop music; today RN2 weaker than normal; Brazzaville local sunrise was at 0457. (Ron Howard-CA)

**CONGO (DEM. REP)** Shortwave schedule of Radio CANDIP Bunia:

0300-0700 on 5066v BUN French  
1300-1900 on 5066v BUN French  
(DX Mix-Bulgaria)

**CUBA** Summer A-18 frequency changes of Radio Habana Cuba from April 8:

1100-1500 on 13740 BAU Spanish, ex 17580 A-17  
1300-1500 on 13700 BAU Spanish, ex 15370 A-17  
1930-2000 on 11860 BAU French, ex 15370 A-17  
2000-2030 on 11860 BAU Portuguese, ex 15370 A-17  
2030-2100 on 11860 BAU Arabic, ex 15370 A-17  
2100-2300 on 11860 BAU Spanish, ex 15370 A-17  
2100-0400 on 7330 BEJ Spanish, ex 7340 A-17  
2100-0400 on 12000 BAU Spanish, ex 13740 A-17  
2200-2300 on 11700 QVC Portuguese, ex 15230 A-17  
2300-0500 on 11700 QVC Spanish, ex 15230 A-17  
0100-0700 on 6180 BAU English, ex 6145 A-17

**DENMARK** 5840, World Music Radio, two nice eQSL cards received in 13 and 9 days for two reception reports sent to: wmr@wmr.dk. The email was sent by Stig Hartvig Nielsen, World Music Radio.

(Manuel Méndez-Spain/DX Fanzine) 5840, World Music Radio, F/D eQSL 2 days after F/UP (Total Time 61 days) and friendly message from by Stig Hartvig Nielsen. E-mail: wmr@wmr.dk. (Antonello Napolitano-Italy/DX Fanzine)

World Music Radio is currently trying to get a very old Siemens transmitter which will operate on 15805 and be aimed at Southern Europe. If all goes well, another new 250-watt transmitter will be put into operation in late May 2018 for airing Radio 208 on 11440. They also plan to start broadcasting on medium waves in Copenhagen. About contents, there is no plan to include any DX programme. (Stig Hartvig Nielsen-Denmark, World Music Radio/DX Fanzine)

**ENGLAND** Akhbar Mufriha via BaBoCk Woofferton/Ascension, May 17:

2100-2115 on 7300 WOF Tachelhit  
2115-2145 on 7300 WOF Arabic  
2145-2215 on 9530 ASC Hassinya Thu-Tue  
(DX Mix-Bulgaria)

**EQUATORIAL GUINEA** 5005, Radio Nacional, Bata, \*0512-0520, 27-05, songs. Extremely weak, best on LSB. 15321. (Méndez-Spain/PlayDX)

**ESWATINI** Swaziland's King Mswati III, Africa's last absolute monarch, said on Thursday he was officially renaming the country as the Kingdom of eSwatini. Swaziland King Mswati III addresses the 72<sup>nd</sup> United Nations General Assembly at U.N. headquarters in New York, U.S., September 20, 2017. REUTERS/Lucas Jackson: He announced the change to eSwatini, meaning "land of the Swazis", in the local Swati language at Golden Jubilee celebrations of the 50<sup>th</sup> anniversary of Swazi independence and of his 50<sup>th</sup> birthday. The king has referred to the "Kingdom of eSwatini" several times in recent years - in an address to the UN General Assembly in 2017 and at African Union and other international conferences. Addressing a large gathering in a stadium in the second city of Manzini, 40 km (25 miles) east of the capital Mbabane, the king said Swaziland was reverting to the original name it had before being colonized by the British. The impoverished southern African nation - a member of the Commonwealth - gained independence from Britain in 1968. "I would like to announce that from today onwards, our country will be known as the Kingdom of eSwatini," the king said. (Reuteurs April 19<sup>th</sup>/NZDXTimes)

Trans World Radio Africa on April 22:

1400-1415 on 15360 MAN Urdu, with old TWR IS: "This is Trans World Radio Swaziland". Very good signal (DX Mix-Bulgaria)

Reception of Trans World Radio Africa via Manzini on April 24:

1557-1627 on 15105 MAN Kirundi Mon-Fri, strong. Continues with old TWR Africa IS: "This is Trans World Radio Swaziland". (DX Mix-Bulgaria)

Very good signal of Trans World Radio Africa, May 8:

1905-1950 on 9940 MAN Lingala/French with old TWR Africa ANN: "This is Trans World Radio Swaziland". (DX Mix-Bulgaria) Clearly, the new country name isn't universally accepted. (RAD)

Good signal of Trans World Radio Africa, May 17:

1905-1935 on 9940 MAN Lingala  
1935-1950 on 9940 MAN French  
(DX Mix-Bulgaria)

**ETHIOPIA** Good signal of Radio Deegaanka Soomaalida Itoobiya on May 12:

from 1918 on 5940 JGG Somali, off air at 1938  
(DX Mix-Bulgaria)

Good signal of Radio Fana and Radio Amhara on May 23:

from 0308 on 6110 ADD Amharic Radio Fana  
from 0312 on 6090 GDR Amharic Radio Amhara  
(DX Mix-Bulgaria)

5950 Voice of the Tigray Revolution, wonderful signal tonight at 0305 (April 23) t/n with unending stringed riff of HOA mx with drum, almost like jazz, really nice. Then segue to milder song next. Super signal tonight, no QRM, no static, just glorious. (Ralph Perry-IL)

7236.36v, Voice of Peace & Democracy - Geja Jewe. At 1830 in the presumed Tigrinya language to Eaf, frequency drift observed while listening for only 5 min, eventual s/off at 1838. Audio was a bit scratchy at times although a good signal, but listened in USB to avoid VoIRI 7235, Apr 2. (Rob Wagner-Australia) 7235 Voice of Peace Democracy of Eritrea from Gedja Ethiopia on 20 April with carrier

from 0340, s/on at 0354 with drums and ID; prgr in Vernaculars on 7235.0. On Mon, Wed, Fri rather VoEritrea in Tigrinya. (Rumen Pankov-BUL, via wwdxc BC-DX TopNews April 21)

**FRANCE** Reception of Radio France International RFI on May 22:

0600-0700 on 11830 ISS English, very good  
(DX Mix-Bulgaria)

Reception of TDA Telediffusion d'Algerie via TDF Issoudun, May 23:

0500-0559 on 7295 ISS Fre/Ara Holy Quran px,  
fair/good  
0500-0559 on 9535 ISS Fre/Ara Holy Quran px,  
very good  
0600-0659 on 9620 ISS Arabic, Holy Quran px,  
very good  
(DX Mix-Bulgaria)

6050, Radio Algeria, via France, \*0358, on May 5. Started with choral National Anthem; 0400 time pips; I like the ID at 0401 in English - "Radio Algeria"; into Arabic; almost fair (Ron Howard-CA)

**GERMANY** Reception of DWD Deutscher Wetterdienst on May 14:

0600-0630 on 5905 PIN German AM mode  
0600-0630 on 6180 PIN German AM mode  
1200-1230 on 5905 PIN German AM mode  
1200-1230 on 6180 PIN German AM mode  
(DX Mix-Bulgaria)

Weak/fair signal of HCJB Weenermoor on May 19:

from 0500 on 5920 WNM German  
(DX Mix-Bulgaria)

6180, Deutscher Wetterdienst, QSL in 21 days. Report in English to: info@dwd.de and wilfried.behncke@dwd.de. (Hubert Wilczynski-Poland/DX Fanzine) 6180, Deutscher Wetterdienst, Pinneberg, 0600-0612, 27-05, German, weather report. // 5905. 35433. (Méndez-Spain/PlayDX)

Radio Mi Amigo International update "You may be aware that our leader Captain Kord is seriously ill in hospital. As we wait for the news that he is well enough to continue the great work he has started with the radio station, we have organised ourselves into an interim Management Team to keep

his dream alive. The team has been appointed with one aim R to keep Radio Mi Amigo International "bringing back the golden era of AM offshore radio". Whilst some parts of the operation are temporarily proving difficult to maintain to Kord's high standard, we'll get their R One of our first priorities is to sort out the problems with our website, <http://RadioMiAmigoInternational.com>. Wrapped up with that problem is a backlog of orders from our webshop and our e-mail system not working. Of course, the website problem has made listening difficult for online listeners. We are working on it. Our shortwave transmissions are unaffected and continue as normal. If you'd like to listen digitally, you can still do this. The easiest way is to simply type: [miamigointer.radio.net](mailto:miamigointer.radio.net) into your web browser and then press the play button. So, thank you for your understanding. And thank you for your support. Together, we will keep Captain Kord's dream alive. Together, we will keep Radio Mi Amigo International on the air." (Radio Mi Amigo International via Alan Roe 6 March/British DX Club)

**GUAM** Reception of KTWR Trans World Radio Asia in English, April 7:

1230-1300 on 12160 English Sat, good  
1317-1346 on 7510 English Sat, good  
(DX Mix-Bulgaria)

**GUATEMALA** 4055, Radio Verdad, Chiquimula, 0424-0510, 13-04, religious songs and comments, Spanish, English. Very weak, best on LSB. 15321. (Méndez-Spain/PlayDX)

**INDIA** 4970, AIR Shillong, 1316, April 17. A day with much stronger than usual audio; in Hindi and subcontinent music; almost fair. (Ron Howard-CA) 4969.984 (off frequency slightly), AIR-Shilling, 1209-1230 May 5. Not as strong as Port Blair's signal, but only measured freq. Audio almost as good as Port Blair. (Jim Young-CA)

#### **INDIA (ANDAMAN & NICOBAR ISLANDS)**

4760, AIR Port Blair (presumed not to be AIR Leh [Kashmir]). On April 17, with better than normal reception 1343-1353; my local sunrise was at 1330; good signal strength cutting through the QRN (static) and CODAR QRM. (Ron Howard-CA) 4760, AIR-Port Blair. Extremely strong (audio) this day (May 5)! Never heard them this strong since my first logging 25 years ago in February, 1993. F announcer, and F singer(s) with lite mx background from t/in at 1209 to 1230. Audio was superior

during this segment. Anmts at 1230 were lower in audio levels. M ann from 1233 to 1242. More singing continued, but signal dropping by 1251. Had no recording ability as I was at my radio site (to earlier view the Mars spacecraft launch from Vandenberg AFB. (Jim Young-CA)

**INDONESIA** 3325, Pro 1 RRI Palangkaraya, 1200, on May 26. Time pips; into the relay of the Jakarta news, ending at 1227 with the usual playing of the patriotic song "Bagimu Negeri." This continues to be the only Indonesian station on SW! (Ron Howard-CA)

9525.95, VOI, through May 26, still no sign of their return. (Ron Howard-CA)

**IRAN** A18 schedule for Voice of the Islamic Republic of Iran in English:

1520-1620 on 9540-sir  
1920-2020 on 9800-sir 9810-sir  
(HFCC/British DX Club)

**IRELAND** 12255, Reflections Europe. Surprised to find a visible signal abt 1808. Started getting a M tlking at 1817. Then women's choir mx plainly audible at 1825. Then M tlking again at 1838, 1839, 1848, 1855, 1900, and at 1902 suddenly shouted "Eternal!!". Hrd M and W tlking 1904-1907 w/ments of Canada, New Zealand, Australia. 1907 gave US addr. Diff. pgm at 1911 w/M preaching and mentioning "...Jesus name we pray, amen", and "... in the Bible...all their children..." at 1912. Gave scripture chapter and verse at 1914. Still same M preaching at 1920 and giving at least 3 "Hallelujah's" at 1925. Later, hrd womens choral group at 2105. 2115 contact info, and what sounded like Reflections Europe ID at 2117. Still a little audible when it suddenly went off at 2127:16. Heavy QSB, sometimes fading out for long periods. But also audible on short peaks. Best hrd 1902-1907. (Dave Valko-PA 1 April)

**ITALY** Here is the new A18 Schedule of IBC - Italian Broadcasting Corporation from various locations: English to Europe: Wednesday, 20.00-20.30 on 5845 via Gavar (Armenia) and 6070 via Rohrbach (Germany) Sunday, 10.30-11.00 on 6005 via Kall Krekel in Germany. English to the Americas via WRMI, Okeechobee, Florida, USA: Tuesday, 01.00-01.30 on 5850, 5950 7780, Friday, 01.00-01.30 on 9955, 03.30-04.00 on 5985; Saturday, 00.30-01.00 on 9395, 9455; Saturday, 01.30-02.00 on 5850, 5950 7780, Sunday,

00.30-01.00 on 7730. Italian to Europe: Wednesday, 19.00-20.00 on 5845 from Gavar (Armenia) and 6070 from Rohrbach (Germany). Saturday, 13.00-14.00 on 6070 from Rohrbach Waal in Germany. E-mail address: [ibc@europe.com](mailto:ibc@europe.com). (DX Fanzine)

**JAPAN NHK World Japan Network R.** Japan via 5 txs sites on April 17:

0430-0500 on 6165 NAU Russian  
0500-0530 on 5975 MOS English  
0500-0530 on 9860 SMG English  
0500-0530 on 11970 ISS English  
0530-0600 on 11730 ISS French  
0530-0600 on 13840 MDC French  
0600-0630 on 11975 ISS Arabic  
(DX Mix-Bulgaria)

**KOREA (NORTH)** North Korea to shift time zone from GMT+8.5 to GMT+9 from May 6. (DX Mix-Bulgaria) See below for how it impacts the international broadcasting schedules. (RAD)

The declaration issued at the Korean summit says: "South and North Korea agreed to completely cease all hostile acts against each other in every domain..." We should be watching to see if this means a halt to any of the cross-border radio stations that both sides operate. Kim Jong-un also said he would move North Korea back to the GMT+9 time zone (the same as South Korea and Japan). It will make the change on 5 May so all NK broadcasts will be 30 minutes earlier according to GMT from that date. (Chris Greenway-UK/British DX Club)

A18 schedule for Voice of Korea, Pyongyang, in English:

0400-0500 on 7220 9445 9730 11735 13760 15180  
0500-0600 on 13650 15105  
0600-0700 on 7220 9445 9730  
1000-1100 on 11710 11735 13650 15180  
1300-1400 on 9435 11710 13760 15245  
1500-1600 on 9435 11710 13760 15245  
1600-1700 on 9890 11645  
1800-1900 on 13760 15245  
1900-2000 on 7210 9875 11635 11910  
2100-2200 on 13760 15245  
(British DX Club/DX Mix-Bulgaria)

3320 // 6400, Pyongyang BS, 1244 & 1322, April 26, with 6400 much stronger, but this frequency certainly not on the air daily, while 3320 is every day. (Ron Howard-CA) 3320 // 6400, Pyongyang

BS, 1124, May 2. With 6400 strong signal, but this frequency certainly not on the air daily, while 3320 is daily. (Ron Howard-CA)

**KOREA (SOUTH)** Reception of KBS World Radio in English, May 9:

1300-1400 on 15575 KIM English, weak  
(DX Mix-Bulgaria)

The Voice of Freedom broadcast to North Korea nominally on 5920v has wandered down to as low as 5917.6. (WB observations on remote SDRs 15-20 March/British DX Club)

4885, Echo of Hope - Voice of Hope (VOH), with new developments. On May 10, suddenly found 4885 being // to the primary VOH program on 3985, 5995, 6250, 6350 and 9100. So, they have finally dropped the program that consisted of a series of IDs for all the different stations that were heard in Korea. Now all the VOH frequencies carry the same program. May 10, noted 1138+, for about 15 minutes with no N. Korea jamming at all, of any of the VOH frequencies (3985, 4885, 5995, 6250, 6350 and 9100). May 10, at 1200+, heard 4885 (// to all the other VOH frequencies) with news items in Korean. (Ron Howard-CA)

5920.0, Voice of Freedom, ex: 6045.0. On May 24, good reception at 1300 with "Huimang-ine jib" program ("Hope-chan's house"); clear frequency with no N. Korea jamming yet. (Ron Howard-CA) 5920.00, Voice of Freedom, 1236, May 26. Good reception with no jamming yet; frequency is stable here now, with no drifting at all. (Ron Howard-CA) 5920.0, Voice of Freedom, May 27 (Sunday - weekend schedule), at 1300, with the start of the program in Korean called "Nolaesil-eun tong-il-yeolcha" ("Unified train on a song"). (Ron Howard-CA)

6015, KBS Hanminjok Bangsong 1, on April 13, from 1006+. Mostly in Korean; pop songs (John Denver - "Annie's Song," etc.); series of IDs ("Now you are listening to KBS, Pop's Freedom"); segment "Everyday English" ("... wrong side of the road. Sure was a close call."); readable due to the absence of the N. Korea white noise jamming. Also in the clear 1222. (Ron Howard-CA)

A18 schedule for KBS World Radio in English:

0200-0300 on 9580  
0800-1030 on 9770

1300-1400 on 9570, 15575

1400-1700 on 9785

1500-1700 on 9515

1600-1700 on 9640

2200-2300 on 11810

(KBS World web site/British DX Club)

**KUWAIT** Fair/good signal of MOI Radio Kuwait, April 20:

1000-1200 on 17760 KBD Filipino

(DX Mix-Bulgaria)

Reception of MOI Radio Kuwait General Service on April 23:

0200-0630 on 5959.9 KBD Arabic, weak/fair

0500-0900 on 15515.0 KBD Arabic, very good

1000-1200 on 17760.0 KBD Filipino, good

(DX Mix-Bulgaria)

Good signal of MOI Radio Kuwait on May 23:

1600-1800 on 15540 KBD Urdu. Repeatedly the transmitter switches on/off & on/off. (DX Mix-Bulgaria)

**LIBERIA** Shortwave schedule of Radio ELWA:

0530-1000 on 6050 MNR English/Vernaculars

1700-2230 on 6050 MNR English/Vernaculars

(DX Mix-Bulgaria)

6050, ELWA Radio, Monrovia, 0639-0648, 13-04, religious comments, English. 14321. (Méndez-Spain/PlayDX)

**MADAGASCAR** A18 schedule for Madagascar World Voice:

0200-0300 Spanish 6190

0200-0300 English 9600

0300-0400 Spanish 6190

0300-0400 English 15515

0400-0500 English 11825

0400-0500 Chinese 17530

1800-1900 Russian 9570

1800-1900 English 17640

1900-2000 Russian 9755

1900-2000 Arabic 11965

2000-2100 Arabic 13710

2000-2100 English 17640

2100-2200 Chinese 11610

2200-2300 Chinese 9490

2200-2300 Arabic 11790

(Alokesh Gupta-India DX\_SAsia/British DX Club)

**MALAYSIA** 9835, Sarawak FM via Kajang (on the west coast of the Malaysia peninsular), 1408-1448, April 3. In vernacular; coverage of the competition for recitations from the Qur'an (Majlis Tilawah Dan Menghafaz Al-Quran Peringkat Kebangsaan), being held this year at the Putrajaya Islamic Complex; sponsored by the Islamic Development Department of Malaysia; series of about 10 minutes of reciting, with both men and women in the competition; very rare to hear women, but they have a women's division in the competition; 1445 mentioned "RTM." This was a RTM TV1 audio feed. Being held from April 1-6, so there should be more days with this coverage here; fair. 1500-1510 news in vernacular (not // 11665). (Ron Howard-CA)

**MALI** 9635, Radio Mali, Bamako, \*0800-0815, 13-04, tuning music, French, comments. Strong carrier and extremely weak audio, barely audible. 14321. (Méndez-Spain/PlayDX)

**MALAYSIA** 9835, Sarawak FM, via Kajang (on the west coast of the Malaysia peninsular), 1311-1402, May 8. Live coverage of the 60th International Qur'an Recitation and Memorization competition being held May 7 to 12, at Merdeka Hall, Putra World Trade Center, Kuala Lumpur; many segments of about 10 minutes with reciting from the Qur'an; a number of women reciting. (Ron Howard-CA)

**MONGOLIA** During April Mongolian Radio has reactivated it three domestic SW frequencies for the first time in years: 4830, 4895 and 7260. All three are carrying the 3<sup>rd</sup> network. (Ron Hill, Bernt Trutenau, Mauno Ritola WRTH 8-26 Apr) Probable span is 2200-1500 but likely intermittent and very weak in Europe. (British DX Club)

4830, 4895 & 7260, Mongolian Radio 3 (presumed), on April 26, after 1114+; only carrier on 4830 & 4895, with audio on 7260 (QRN China); 7260 is noted daily, while 4895 is on some days, while 4830 has not been used often. Jim Young (Calif.) was also hearing these today. (Ron Howard-CA) 4830 and 7260, seemed the only active frequencies for Mongolian Radio 3 (presumed), on April 30, at 1205; 4830 with decent level carrier and 7260 the usual audio mixing with China; while 4895 was completely silent; both still noted at 1245, but 4830 was off the air by 1258, with 7260 still on. (Ron Howard-CA) 4830, Mongolian Radio 3, on May 28,

from 1210+; nice strong carrier, but no audio; 4895 remains silent, with 7260 being just to much of a mess to differentiate the several stations there. Also reported to me being heard today by Jim Young (Calif.) and in WRTH Facebook: "Japanese DXing BBS Information. 4830kHz Mongolian Radio return on air. 7260kHz parallel" posted by Hiroyuki Okamura. Previously heard carrier on 4830, on May 24, at 1120 till checking past 1228. (Ron Howard-CA)

7260, Mongolian Radio 3, on April 9, from 1128 to 1157; same format as noted yesterday; non-stop EZL songs ("While My Guitar Gently Weeps," etc.); QRM from China on frequency. R. Vanuatu has not returned yet to the air. April 10, at 1040+, noted carrier on 4895, which was Mongolian Radio 3, as confirmed by Mauno Ritola in WRTH Facebook: "Also 4895 kHz is reactivated today, also carrying the 3rd network." First noted on this frequency recently by Jim Young. (Ron Howard-CA) Posted to WRTH Facebook page (April 10) - regarding Mongolian Radio 3 being heard on 4895 & 7260: Mauno Ritola-Finland - Funny coincidence, but two weeks ago I asked every possible source including Communications Regulatory Commission if the all the domestic shortwave transmitter are ever expected to return on the air or should they be written off. I never got any reply, but at least two of them are now back. Or maybe they simply decided not to use them in winter at all, when energy is more needed for heating. (Ron Howard-CA) 7260, Mongolian Radio 3 (presumed), on April 13, at 1217. EZL music, which is consistent with the program three format; mixing with China, in Chinese. Definite carrier also heard on 4895, but again with no audio detected. (Ron Howard-CA) 7260, Mongolian Radio 3 (pres.). Noticed apparently slightly stronger Xinjiang on 7259.992 going off as scheduled at 1205:12 leaving this on 7260. Hrd a little bit of the mx on very brief peak at 1206 (mx and W in Mongolian alternating using South Korean web rx). Would have guessed Mongolia would be the one off-freq. (Dave Valko-PA 15 April) 7260, Mongolian Radio 3 (presumed), on April 16, at 1032. Phone in program; same program heard again on April 17; not bad reception, as China had not propagated yet; both days not on 4830 nor 4895. (Ron Howard-CA) 7260, Mongolian Radio 3 (presumed), on April 20, at 1217. Pop music and announcers; clearly not in Chinese, but with China QRM. On 4895, heard OTH radar blocking frequency 1216-1318, but by 1324 no radar and no Mongolia; 4830 also silent. So 7260 is on daily, with 4895 being on erratically. (Ron Howard-CA) 7260 coming in here at fair to wobbly

level 1210 (April 21). Reception is poor tonight with the effects of a solar burst still being felt from a few hours ago. (Rob Wagner-Australia) 7260 being the only active frequency for Mongolian Radio 3 (presumed), on April 27; both 4830 & 4895 silent; 1245+; one of their better days here; mostly easy-listening pop songs; briefly with announcers; slight China QRM. (Ron Howard-CA)

**MYANMAR** 5985, Myanmar Radio, on May 9, with special coverage (preempted regular programs); soccer/football game between English championship team Leeds United vs Myanmar National League All Stars, played in Yangon; was somewhat controversial, as a number of people in England had urged the team to cancel the tour, due to the situation with the Rohingya refugees; certainly sounded like a TV audio feed, as it was not play-by-play coverage; noted at 1208 UTC. Game not on 5915 (Myanmar Radio) nor 7345 (Thazin Radio) and unable to hear 6165 (Thazin Radio), due to QRM. (Ron Howard-CA)

9460, Thazin Radio, friendly N/D E-OSL and schedule in 3 days after reminder for e-report from March 2017 to: thazinradio6@gmail.com. NB: Heard in Thailand. (Juergen Waga-Germany/DX Fanzine)

9730, Myanmar Radio, 1118-1131\*, May 15. Phone in program in vernacular; singing ID at 1130, then cut off; the whole time // 5985, with that frequency continuing on 1131+. (Ron Howard-CA)

**NEW ZEALAND** Frequency changes of Radio New Zealand Pacific from May 6:

2051-2358 NF 13840 RAN English, ex 13730  
2359-0458 NF 13840 RAN English, ex 15720  
(DX Mix-Bulgaria)

**NIGERIA** Fair signal of Voice of Nigeria on May 10:

0600-0700 on 7254.9 AJA Hausa  
(DX Mix-Bulgaria)

7255, Voice of Nigeria, Ikorodu, 1808-1822, 12-04, English, news, comments, id. "Voice of Nigeria". 34433. (Méndez-Spain/PlayDX) 7255 Voice of Nigeria. Happened to be up around 0600+ last night and tuning a little bit; quite surprised with the signal from Ikorodou. Voice of Nigeria in Hausa had the power and clarity of a local FM station. Not a lot of other stations noted in 60/49/41 meter bands,

though, but this one was phenomenal. OM chatting away in Hausa, clear enough to be a language lesson! (Ralph Perry-IL)

**OMAN** Good signal of Radio Sultanate of Oman on May 18:

from 1400 on 15140 THU English  
(DX Mix-Bulgaria)

**PALAU** A-18 changes of WHRI T8WH Angel 3, Angel 4 & T8WH Angel 5:

Angel 3

1100-1200 on 9930 HBN English Sat/Sun, ex 1000-1200

Angel 4

1430-1600 on 9930 HBN English Sat/Sun, deleted, but

1430-1600 on 9930 HBN English was on air on March 25 (DX Mix-Bulgaria)

World Harvest Radio International T8WH Angel 4 and Angel 5 on April 8

1200-1300 on 9930 HBN English Sat/Sun Angel 4, good

1230-1430 on 9965 HBN English Sat/Sun Angel 5 (DX Mix-Bulgaria)

**PAPUA NEW GUINEA** 3260, NBC Madang, 1111-1204\* cut off, on May 7. Long monologue 1111-1201 (no break at ToH); then filler music (music only from Sarah Brightman - "He Doesn't See Me"); one of their strongest receptions, as at times slightly better than Bougainville, which is very rare. (Ron Howard, Asilomar State Beach, CA) 3260, NBC Madang. This was my May 7 observation for NBC Madang, "at times slightly better than Bougainville, which is very rare." I had attributed the improvement to perhaps just better propagation, but as of May 10, Madang continues to have an infinitely stronger signal than formerly heard. Dave Valko, on the East Coast (USA), has also noted the same significant improvement for 3260 and questions if something has in fact changed at NBC Madang to cause this boost in reception (more power, etc.?). He is right to question what is happening, as Madang had been very consistent over the past

few years with normally much weaker reception than Bougainville. Wonder if any Asian DXers have noted similar recent 3260 reception? May 10, from 1111 to 1134, with NBC Madang again better than normal reception and about equal strength to NBC Bougainville; mostly discussions in Pidgin; whereas 3325, NBC Bougainville, was mostly pop songs. (Ron Howard, Asilomar State Beach, CA) 3260, NBC Madang (Maus Blong Garamut), on May 24, noted off the air today; 1116+. On May 26, mostly with pop music; 1136-1201\* cut off (Ron Howard-CA) 3260, NBC Madang (Maus Blong Garamut), on May 27, with Sunday programs of mostly religious music, till cut off at 1204\*; QRN (static). May 28, from 1128 till cut off at 1204\*; DJ in Pidgin playing pop songs (Glen Campbell - "Rhinstone Cowboy," etc.); 1155 with montage of clips from pop songs, along with "NBC Madang" ID; QRN (static). (Ron Howard-CA)

**PAPUA NEW GUINEA (BOUGAINVILLE)** 3325, NBC Bougainville, on April 29, with another Sunday of religious (Christian) programs; impassioned preaching in Pidgin; religious/inspirational songs ("Keep On the Sunny Side," "Show Me The Way To A Brighter Day," etc.); above average reception; 0937-1054 & 1205\*. Also, this Sunday with the same format of religious programs was NBC Madang (3260), with even more preaching in Pidgin than on 3325. 1001-1010, on 3325, with NBC news/sports, but 3260 didn't carry the news, but instead more preaching. A rare day with both stations well above the norm. (Ron Howard-CA) 3325, NBC Bougainville, 1111 till off about 1152, on May 7. From 1111 to 1124 monologue in Pidgin; 1124-1152 mostly pop songs. At times fair and equal strength to Madang. (Ron Howard-CA) 3325, NBC Bougainville, 1117-1156\*, on May 24. DJ in Pidgin playing pop songs (Chicago - "Hard To Say I'm Sorry," etc.); some RRI Palangkaraya QRM. On May 26, from 1141+, NBC off the air, with only RRI present. (Ron Howard-CA) 3325, NBC Bougainville, 1109-1119\*, May 27. Usual Sunday religious programs of mostly music; 1117 "NBC Bougainville" ID. Early cut off. On May 28, from 1042 till cut off at 1126\*; series of interviews, one in Pidgin and one in English ("local departments," "co-funding," "applications for," "people of Bougainville," etc.); some RRI QRM, as well as QRN (static). Again, earlier than normal closing down (usually closer to 1200\*). (Ron Howard-CA)

**PERU** 4774, Radio Tarma uses a 500 Watt tube transmitter that was built in 1958 by the station's founder, father of current owner / manager Mario

Monteverde. However, by the end of May they hope to replace that with a modern solid-state 2 kW transmitter. The new transmitter is currently in Lima, where it is being checked by the Ministry of Communications. (Don Moore, visiting Tarma Peru/ British DX Club)

4955, Radio Cultural Amauta, Huanta, 0024-0036, 13-04, talks, Peruvian songs. Extremely weak, barely audible. 15321. (Méndez-Spain/PlayDX)

5025.03, R. Quillabamba. Noticed Rebelde's audio was way down at 1001. Just OC from Quillabamba to at least 1005 when I tuned away. Came back at 1021 and found Quillabamba audio up w/apparent bdcst from children's classroom w/singing, a lot of tking, and ending w/all children individually saying hello to "mama" & "papa". No adult annrcs at all. 1029 pgm end and many nice canned promo IDs, one lifting the laser shooting SFX from the beginning of "Jungle Love" by The Steve Miller Band. Intro for next pgm at 1031, but Rebelde's audio coming up stronger by then. Glad to see Quillabamba still there. (Dave Valko-PA 16 April)

6173.9, Radio Tawantinsuyo, Cuzco, 0028-0037, 13-04, Peruvian songs, comments. Extremely weak, barely audible and only on LSB. 14321. (Méndez-Spain/PlayDX)

**PHILIPPINES** A18 schedule for PBS Radio Filipinas via VOA Tinang relay:

0200-0330 on 12010 15640 17820

1730-1930 on 9910 12120 15190 (HFCC) Beamed to the Middle East, usually in English at 0200 and Tagalog with some English at 1730. (British DX Club)

Very good signal of Radio Pilipinas PBS, April 13:

1730-1930 on 9910 PHT Filipino

1730-1930 on 12120 PHT Filipino

1730-1930 on 15190 PHT Filipino is not on air!  
(DX Mix-Bulgaria)

Good signal of FEBC Radio/Radio Teos on April 22:

1500-1530 on 11650 BOC Russian

1530-1600 on 11650 BOC Russian Mon-Sat

1530-1600 on 11650 BOC Ukrainian Sun

(DX Mix-Bulgaria)

Much odd frequencies of FEBC Radio, April 27:

1300-1330 on 11825.6 BOC Tibetan

1330-1400 on 9465.6 BOC Yunnan

1400-1430 on 11750.6 BOC Lahu

(DX Mix-Bulgaria)

Reception of Radio Veritas Asia in 19/25mb, May 10:

1230-1257 on 15225 PUG Kachin and

1300-1357 on 11850 PUG Vietnamese

1330-1357 on 11870 PUG Zomi-Chin

(DX Mix-Bulgaria)

Reception of Vatican Radio via Tinang on May 10:

1230-1300 on 9890 Russian, very good

1230-1300 on 11875 Russian, very good

(DX Mix-Bulgaria)

Good signal of Radio Veritas Asia, May 24:

1430-1457 on 9610 PUG Urdu

1500-1557 on 11675 PUG Filipino. Shortwave transmissions of RVA planned to stop on June 30. (DX Mix-Bulgaria)

9670, Radio Veritas Asia, QSL, brochure, sticker, keyring, pen in 36 days. Email: rveritas-asia@rveritas-asia.org. (Hubert Wilczynski-Poland/DX Fanzine)

Radio Veritas Asia's current shortwave broadcast schedule appears to be valid through June 30, 2018 implying that the station may be leaving shortwave commencing July 1, 2018. Appears to be first noted by Jeff White during a Wavescan feature. Ludo Maes, the RVA frequency manager, says they are going internet only. (RAD)

**ROMANIA** Another frequency change of Radio Romania International, April 14:

2100-2156 NF 15670 TIG Spanish AM mode, ex 13810 // frequency 11650 TIG Spanish DRM mode, x 15670 (DX Mix-Bulgaria)

Frequency change of Radio Romania International, May 14:

0000-0156 on 7395 GAL Romanian, ex 7335 to avoid on 7335 GB Spanish Radio Marti (DX Mix-Bulgaria)

Reception of IRRS Radio City via ROU RadioCom on May 19:

0800-0802 on 9510 SAF open carrier/dead air&  
0802-0900 on 9510 SAF German Sat, very good  
0900-0902 on 9510 SAF NEXUS IRRS SW ID & IS  
(DX Mix-Bulgaria)

**RUSSIA** Good signal of GTRK Adygeya/Adygeyan Radio on May 20:

1900-2000 on 6000 ARM Adygeyan Sun  
(DX Mix-Bulgaria)

Summer A-18 SW schedule of NBC Radio Sakha, Yakutsk Siberia:

2100-2400 7295 Russian/Iakutian Sun-Thu  
2100-2400 7345 Russian/Iakutian Sun-Thu  
0000-0300 7295 Russian/Iakutian Mon-Sat  
0000-0300 7345 Russian/Iakutian Mon-Sat  
0300-0500 7295 Russian/Iakutian Mon-Fri  
0300-0500 7345 Russian/Iakutian Mon-Fri  
0900-1200 7295 Russian/Iakutian Daily  
0900-1200 7345 Russian/Iakutian Daily  
1200-1300 7295 Russian/Iakutian Mon-Fri  
1200-1300 7345 Russian/Iakutian Mon-Fri  
(Ivo Ivanov-BUL, hcdx via wwdxc BC-DX TopNews April 8)

6000, 1900, GTRK Adygeyan Radio opens Sundays only w/tuning signal, annct & music, refs to Adygeyan, folk music & anncts. Fair, but initially suffered jamming from 5995 & 6004. Good by 1945. One of only 2 ways to hear Russia on SW now! (Bryan Clark-New Zealand/New Zealand DX Times)

7295, R. Sakha. Ad/promo block at 1050 including one at 1052 using the old R. Moscow IS!! Into several Pop songs. 4 time ticks at 1100 w/first and last being a double tick, then annmt by M annct including nice ID, and into nx by diff. M. Good signal and a rare day w/very little Ham QRM and none at ToH. But did have some CNR1 7300 slop QRM. (Dave Valko-PA 5 April) 7295 // 7345, Radio Sakha, via Yakutsk, 0950, April 15. Commercial announcements ("on-line" service, etc.) and music; ToH time pips (still with no IS); fair, with both frequencies doing well. (Ron Howard-CA) Radio Sakha on 7295 & 7345, remains silent during my local evening & morning monitoring. Today will send off an email asking when they plan to return to SW and that I miss listening to them. (Ron Howard-CA) 7295 & 7345, Radio Sakha, via Yakutsk, remains silent

through May 28. Several weeks ago sent off emails to three different addresses I have for them, saying how much I missed hearing their Radio Sakha SW programs and hoped for their return. No response yet (Ron Howard-CA)

**SINGAPORE** BBC WS and NHK World Radio Japan, April 23:

1000-1100 on 11695 SNG English BBC World Service  
1100-1130 on 11695 SNG English NHK World R. Japan  
(DX Mix-Bulgaria)

Frequency change of BBC World Service from May 2

1000-1200 NF 9410 SNG English, ex 9900  
1000-1200 NF 9410 SNG English, ex 9900  
2200-2300 NF 5845 SNG English, ex 5890  
(DX Mix-Bulgaria)

9410, BBC, 1033-1101, May 2. As I daily check here for Fu Hsing BS (Taiwan), was surprised today to find BBC for the first time (ex: 9900), in English, with a good signal; interesting story about former Soviet Union causing the drying up of the Aral Sea, located by Kazakhstan and Uzbekistan. So, 1000-1200 impossible to tell if Taiwan is here or not. 9774 (Fu Hsing BS) was silent today (Ron Howard-CA)

**SOLOMON ISLANDS** 5020, SIBC, on April 20, noted with extended broadcast; at 1224, with decent level carrier, but no audio (has been a long time since I last was able to make out any audio here); due to their being on the air longer than usual, was in fact able to faintly hear some music and announcers by 1256; went off the air sometime around 1319. In past years their audio level was fine. (Ron Howard-CA) 5020, SIBC (presumed), on May 15, with greatly extended broadcast; 1326-1350\* suddenly off in mid-song; with the expanded anomaly, was able to actually hear some audio above threshold level; non-stop EZL pop songs with no announcers, so no ID heard. (Ron Howard-CA)

**SOMALIA** Fair/good signal of Radio Hargeysa, April 4:

1500-2000 on 7120 HAR Somali (DX Mix-Bulgaria)

**SOUTH AFRICA** A-18 shortwave schedule of Channel Africa:

0300-0555 on 3345 MEY English Mon-Fri  
0400-0455 on 6040 MEY English Mon-Fri

0600-0755 on 7230 MEY English Mon-Fri  
0600-0655 on 11925 MEY English Mon-Fri  
0800-1200 on 9625 MEY English Mon-Fri  
1200-1300 on 9625 MEY Chinyanja Mon-Fri  
1300-1400 on 9625 MEY Shilozi Mon-Fri  
1400-1500 on 9625 MEY Portuguese Mon-Fri  
1500-1600 on 9625 MEY English Mon-Fri  
1500-1555 on 11880 MEY Swahili Mon-Fri  
1600-1655 on 15235 MEY French Mon-Fri  
1700-1755 on 11745 MEY English Mon-Fri

**SPAIN** Reception of Radio Exterior de España on 2 of 4 frequencies May 12:

1400-1800 on 15520 NOB Spanish Sat/Sun, very good  
1400-1800 on 17715 NOB Spanish Sat/Sun, NO SIGNAL  
1400-1800 on 17855 NOB Spanish Sat/Sun, weak/fair  
1400-1800 on 21620 NOB Spanish Sat/Sun, NO SIGNAL (DX Mix-Bulgaria)

**SRI LANKA** Additional broadcast of SLBC in Tamil on 11835 kHz, April 3:

1630-1730 on 11750 TRM Sinhala City FM, good  
1700-1800 on 11835 TRM Tamil, addit, good/fair (DX Mix-Bulgaria)

Reception of Sri Lanka Broadcasting Corporation, April 10:

1630-1730 on 11750 TRM Sinhala City FM, good  
1700-1800 on 11835 TRM Tamil, fair to good (DX Mix-Bulgaria)

Fair/good signal of Sri Lanka Broadcasting Corporation, May 10:

1115-1215 on 9720 TRM Hindi/Malayalam/Hindi/Tamil (DX Mix-Bulgaria)

Fair signal of FEBA Radio via Trincomalee, May 21:

1315-1345 on 11580 TRM Telugu/English Mon (DX Mix-Bulgaria)

**SUDAN** Good signal of Radio Omdurman Sudan on May 11:

from 0510 on 7205 ALF Arabic (DX Mix-Bulgaria)

**TAIWAN** Sound of Hope. Hiroshi-san (Japan), has provided some very helpful info regarding SOH, at his Japanese website that he updates daily (<http://hiroshi.mediakat-blog.jp/e128658.html>). He observes that SOH probably comes from Taiwan, but that has not been confirmed. Seems frequencies below 7 MHz are on 24 hours a day, while the other seems about 2100-1700. He makes an interesting comment that he finds CNR1 jamming on about 30% of the SOH frequencies, and even then is not continuous jamming. (Ron Howard-CA)

A18 schedule for Radio Taiwan International in English:

0300-0400 on 15320  
1600-1700 on 9405

English broadcasts at 1100 and 1500 are no longer listed and appear to have been dropped. (British DX Club)

From 24 March, the French service of Radio Taiwan International will leave the shortwave. But it's ONLY for the transmissions beamed to Europe. So, the weekly broadcast in French to Africa, will stay on the shortwave. So, from 25 March, RTI will be on the air in French only on Sunday from 1900-2000 on 13835, from Issoudun. (Christian Ghibaudo-France/British DX Club)

According to announcements Radio Taiwan International's Japanese service will be cut to just one hour a day on SW in A18 (from four hours per day). Only the 1100-1200 broadcast will remain. (Takahito Akabayashi-Japan via Wolfgang Bueschel-Germany/British DX Club)

9774, Fu Hsing BS, 1115 & 1243, on April 28. Best in LSB; faint audio; nothing on clear frequency of 9410. Same noted again on April 30. (Ron Howard-CA)

**THAILAND** New frequency of HSK9 Radio Thailand World Service to WeEu effective from today Fri, May 25:

1800-1900 Thai, 1900-2000 English, 2000-2015 German, 2030-2045 English, 2045-2115 Thai NF 9920, ex 9390. (DX Mix-Bulgaria)

Frequency changes of HSK9 Radio Thailand World Svc from May 31:

1800-1900 NF 9920 UDO Thai lang, ex 9390  
1900-2000 NF 9920 UDO English, ex 9390

2000-2015 NF 9920 UDO German, ex 9390  
2030-2045 NF 9920 UDO English, ex 9390  
2045-2115 NF 9920 UDO Thai lang, ex 9390. Good  
signal in all languages from 1800 to 2115  
on new 9920.  
(DX Mix-Bulgaria)

**UNITED ARAB EMIRATES** Reception of FEBA  
Radio via BaBcoCk Al-Dhabayya, April 24:

1200-1230 on 15215 DHA Tibetan, very good  
(DX Mix-Bulgaria)

Trans World Radio Africa via BaBcoCk Al-Dhabayya  
on May 18:

1300-1315 on 17680 DHA Afar Thu-Sun  
(DX Mix-Bulgaria)

**USA** The interim head of the U.S. Government's  
Cuba-focused Radio/TV Marti leaves: Andre Mendes  
had been interim chief since Malule Gonzalez left  
in September. The Miami Herald reports "A teary-  
eyed Mendes told employees that his last day as  
head of the Office of Cuba Broadcasting, which runs  
Radio and TV Marti, was Wednesday." The paper  
then explains that "his departure marks the end  
of a longtime internal saga and clashes with execu-  
tives of the Broadcasting Board of Governors and  
the Voice of America." Mendes also had a second  
job, as Director of Technology and Information of  
the BBG. New York State Democratic Congressman  
Eliot Engel allegedly tagged Mendes as part of what  
the Herald calls "an alleged 'coup' plot against BBG  
chief John Lansing and board members." The BBG  
has tried to shield itself from politics, but there's  
always pressure from Capitol Hill about just what  
the mission of various agencies should be. Now  
there's also, as you read here earlier this week,  
severe pressure on the budget. The Arabic language  
"Radio Sawa" music, news and information service  
will quit trying to reach listeners in the Middle  
East outside of Iraq. (Tom Taylor Now)

RFA A18 Broadcast Frequency Schedule Effective  
March 25 - through 27 October 2018:

Burmese

0030-0130 on 15700 17830 17845  
1230-1330 on 7530 11805 13630  
1330-1400 on 7530 11805 12140  
1400-1430 on 7530 11805

Khmer

1230-1330 on 9700 12140  
1430-1500 on 7530 12140  
2230-2330 on 13740 15275

Korean

1500-1700 on 5830 7545 11985  
1700-1900 on 9990 11985  
2100-2200 on 9540 11945 11985

Lao

0000-0100 on 15690  
1100-1200 on 15195

Mandarin

0300-0400 on 13790 15665 17520 17665  
0400-0500 on 13790 15615 17520 21505  
0500-0600 on 13790 15615 17520 21690  
0600-0700 on 13790 15615 17520 17810  
1500-1600 on 9940 13675 15430  
1600-1700 on 9910 11610 13570 13675  
1700-1800 on 9355 9965  
1800-1900 on 9355 9965 11745  
1900-2000 on 9355 9745  
2000-2100 on 6080 9355 9745  
2100-2200 on 7435 9685  
2300-2400 on 9535 11850 15570

Tibetan

0100-0200 on 9370 9480 11705 13765  
0200-0300 on 9370 11705 11745 13765  
0600-0700 on 15720 21540 21690  
1000-1100 on 13800 15330  
1100-1200 on 13830 15265 15745 17640  
1200-1300 on 11540 13830 15745 17690 17720  
1300-1400 on 11540 13830 15275 15745 17735  
1500-1600 on 9355 11870  
2200-2300 on 7505 9370  
2300-2400 on 5965 9555 9875

Uyghur

0100-0200 on 9350 9780 11640 11790 15580  
1600-1700 on 9355 9480 11670 15700

Vietnamese

1400-1500 on 9950 11985  
(Andrew "A.J." Janitschek, Director, Program &  
Operations Support)

Frequency changes of Voice of America:

0300-0500 NF 5925 BOT English, ex 15580

0400-0500 NF 7270 SAO Shona/Ndebele Mon-Fri, ex 9855

1030-1100 NF 11760 BOT Somali, ex 11750

1700-1900 NF 5885 KWT Pashto VOA Deewa Radio, ex 9370

2100-2130 NF 9740 SMG French Mon-Fri, ex 9885 (DX Mix-Bulgaria)

Additional broadcasts of Brother Stair via WRMI Okeechobee from April 21:

1000-1500 on 9395 English WRMI-06, new, additional

1500-1900 on 9395 English WRMI-06, ex 1500-1800

2300-0500 on 7570 English WRMI-11, new, additional

1000-1500 on 9395 English WRMI-06 Oldies, deleted  
1800-1900 on 9395 English WRMI-06 Oldies, deleted (DX Mix-Bulgaria)

America's Oldest Commercial SW station WINB testing in DRM mode:

1100-1700 on 15670 English/Spanish Mon-Fri. At times on 9265 English/Spanish Mon-Fri. 15670 via new ASI transmitter/CE-50000WS; 9265 via its Continental 417B. (DX Mix-Bulgaria)

**UZBEKISTAN** Bible Voice Broadcasting via Tashkent on May 27:

1130-1200 on 15640 TAC English Sun, weak. The transmission is beamed to EaAs, but announcement is BVB India. (DX Mix-Bulgaria)

**VATICAN** A18 schedule for Vatican News in English on SW:

1130-1200 Fri. on 15595-smg 17590-smg (Mass)

1615-1630 Daily on 15595-smg

1630-1700 Daily on 7360-mdc 15565-smg

2000-2030 Daily on 7360-smg 9670-smg

(British DX Club)

Voice of America via Santa Maria di Galeria, April 20:

0530-0600 on 9885 SMG French Mon-Fri, good (DX Mix-Bulgaria)

Voice of America via Santa Maria di Galeria, May 11:

1030-1100 on 15620 SMG Somali, very strong

1030-1100 on 17775 SMG Somali, very strong (DX Mix-Bulgaria)

**ZAMBIA** Fair signal of KVOH Voice of Hope Africa on May 27:

0500-0800 on 11680 LUV English Mon-Fri tx#2 (DX Mix-Bulgaria)

5915, ZNBC/R. One. Found completely in the clear at 0247 w/Fish Eagle IS. Into choral NA at 0250. M w/opening anmtn at 0252. Sounded like some canned anmtns, then into lively Afro Pops at 0256 and studio M anncr came in at 0257 to ToH. Not a great signal and fady but always nice to hear in the clear. Best on the Delta Loop. (Dave Valko-PA 5 April)


6065, Voice of Hope Africa, full detailed snail mail QSL card received in 9 months for a reception report sent by e-mail to reports@voiceofhope.com. Verification signer Ray Robinson, Vice President Global Operations. QSL card stamped and sent from Zambia, instead of other I received days ago (13680 in 13 days), stamped and sent from USA. (Manuel Méndez-Spain/Shortwave Bulletin)

11680, Voice of Hope Africa, F/D QSL card "TCI model 527 Super High Gain Log Periodic Antenna" in 231 days. E-mail: reports@voiceofhope.com. (Alexander Golovikhin-Russia/DX Fanzine)

**ZANZIBAR** Reception of Zanzibar Broadcasting Corporation on May 1:

1800-1810 on 11735 DOL English, good signal (DX Mix-Bulgaria)

11735, ZBC. 1809 EG ID by W at end of nx as "This is the English news from Zanzibar Broadcasting Corporation. Thank you for listening". Best signal during the EG nx in quite a while. (Dave Valko-PA 18 April)

Schedules, news and other information about shortwave broadcasting activity can be sent to Richard A D'Angelo, 2216 Burkey Drive, Wyomissing, PA 19610 or via e-mail to rdangelo3@aol.com (please indicate in the subject that your contribution is for Listeners Notebook). Thanks! 73, Rich 

# Pirate Radio Report

George Zeller • 3492 West 123<sup>rd</sup> Street • Cleveland, OH 44111 • georgez@nacs.net

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Shortwave pirate broadcasting continued at a very brisk pace once again during the past month. Pirate broadcasting inevitably increases around major North American holidays. June is relatively bereft of holidays, although some activity in advance of the major July 4 holiday normally can be heard toward the very end of June.

One major downside this month is that darkness propagation in North America reaches its lowest seasonal level with the beginning of Summer, and seasonal static levels on the shortwave bands simultaneously increase to frequent high levels.

We are all very sad this month, given the untimely death of our longtime publisher, Bill Oliver. We all miss Bill, who not only published NASWA each month but who also did the same thing with the Longwave Club of America.

I also want to thank the entire NASWA executive council, who did yeoman work during the transition to our new publisher Richard Cuff. Oliver left very big shoes to fill, but Cuff has stepped up to publish the bulletin that you are reading here. Thanks!

Tom Taylor sends us a story from the Tom Taylor Now program. Back in mid-March, the US House of Representatives Subcommittee held hearings on what they called the "Preventing Illegal Radio Abuse Through Enforcement" act, with an acronym of the "Pirate Act." This bill would provide for fines of pirate radio stations of \$100,000 per day. The bill is sponsored by Rep. Leonard Nance (R-NJ) and Rep. Paul Tonko (D-NY). As of the end of May, this bill's prognosis in the Congress remains uncertain. The full text of the house bill is on the internet at:


[https://docs.house.gov/meetings/IF/IF16/20180322/108059/BILLS-115pih-  
HR\\_\\_\\_-U13.pdf](https://docs.house.gov/meetings/IF/IF16/20180322/108059/BILLS-115pih-HR___-U13.pdf)

Pirate busts by the FCC during the past month were mostly concentrated in the New York City metro area and in Florida as usual. The FCC issued a Notice of Unlicensed Operation to Freddie Rodriguez of Fayetteville, NC for operating an FM pirate on 87.9 Mhz. The FCC issued a Notice of Unlicensed Operation to Jean Claude Michael of Brooklyn, NY for operating an FM pirate on 90.9 Mhz. The FCC issued a Notice of Unlicensed Operation to Jerome Moultrie of Miami, FL for operating an FM pirate on 90.1 Mhz. The FCC issued a Notice of Unlicensed Operation to Christian Torrez of Bridgeport, CT for operating an FM pirate on 100.9 Mhz using an ID of Radio Unidad. The FCC issued a Notice of Unlicensed Operation to Nnanna Okoro of Irvington, NJ for operating an FM pirate on 87.9 Mhz. The FCC issued a Notice of Unlicensed Operation to William Cotter of Bridgeport, CT for operating an FM pirate on 104.7 Mhz. The FCC issued a Notice of Violation to Truth Will Set You Free Inc. for operating low power FM station WEXI-LP on 102.3 Mhz from Hallendale, FL with excessive power of 1910 watts from an unregistered antenna site. The FCC issued a Notice of Unlicensed Operation to 4<sup>th</sup> Avenue West LLC for operating an FM pirate on 90.5 Mhz from Newark, NJ. The FCC issued a Notice of Unlicensed Operation to Monique C. Pierre of Irvington, NJ for operating an FM pirate on 99.3 Mhz. The FCC issued a Notice of Unlicensed Operation to an unidentified property owner for operating an FM pirate on 88.7 Mhz from Miami, FL, with the FCC notice unclear on whether the property owner or a tenant was actually operating the station. The FCC issued a Notice of Unlicensed operation to Dr. Andres Way for operating an FM pirate on 104.7 Mhz from Delray Beach, FL under the auspices of HP Andres Way LLC. The FCC issued a Notice of Unlicensed Operations to SIJC Trusted LLC of Delray Beach, FL for operating an FM pirate on 91.7 Mhz from a residence. The FCC issued a Notice of Unlicensed Operation to Bishop Kingsford A. Bloomfield of Irvington,

NJ for operating an FM pirate on 93.3 Mhz under the auspices of The Gospel Tabernacle Church of Jesus Christ. The FCC issued a Notice of Unlicensed Operation to John Hart of Blackstone, VA for operating an FM pirate on 103.1 Mhz. The FCC issued a Notice of Violation to Calvary Educational Broadcasting Network of Poplar Bluff, MO for numerous antenna lighting violations. The FCC issued a Notice of Unlicensed Operation to Alexander J. Brittan of Boulder, CO because an FM pirate on 95.5 Mhz and 90.4 Mhz operated from a residence that he owns. The FCC issued a Notice of Unlicensed Operation to Phillip Brittan of Boulder, CO for operating an FM pirate on 95.5 and 90.4 Mhz from a residence. The FCC issued a Notice of Unlicensed Operation to Claude and Edma Saintilmar of Miami, FL for operating an FM pirate on 90.1 Mhz from a residence. The FCC issued a Notice of Unlicensed Operation to Geovanni Valdez of Brooklyn, NY for operating an FM pirate on 94.1 Mhz from a residence. The FCC issued a Notice of Unlicensed Operation to Godfrey Jones of Brooklyn, NY for operating an FM pirate on 87.9 Mhz from Tilden Towers. The FCC issued a Notice of Unlicensed Operation to Timber Trail LLC of Bridgeport, CT for operating an FM pirate on 106.5 Mhz from a commercial property in Bridgeport. The FCC issued a Notice of Unlicensed Operation to Daniel Sigcho of Orange, NJ for operating an FM pirate on 92.5 Mhz from a residence. The FCC issued a Notice of Unlicensed Operation to Ahmed Falakasher of Falak Real Estate LLC of Piscataway, NJ for operating an FM pirate on 92.5 Mhz from Orange, NJ. The FCC issued a Notice of Unlicensed Operation to Greg Banks of Huntingdon, PA for operating an FM pirate on 94.1 Mhz from a residence. The FCC issued a \$22,000 forfeiture to Ravi's Import Warehouse Inc. of Dallas, TX following their appeal of a previous forfeiture for jamming A T & T cellular telephone signals, with the previous liability affirmed following the unsuccessful appeal. The FCC issued a Notice of Unlicensed Operation to Richard Bartell of Rand Redhots LLC for operating an unlicensed Land Mobile Radio Service Station on 465.0375 Mhz at the drive through window of Rand Redhots in Des Plaines, IL. The FCC issued a Notice of Unlicensed

Operation to Jean Charles of East Orange, NJ for operating an FM pirate on 95.1 Mhz from a commercial property. The FCC issued a Notice of Unlicensed Operation to Matt Twersky of East Orange, NJ for owning the property where the aforementioned 95.1 Mhz pirate operated. The FCC issued a Notice of Unlicensed Operation to Cameyte J. Edner of Brockton, MA for operating an FM pirate on 99.7 Mhz from her property. The FCC issued a Notice of Unlicensed Operation to Nicolas Roland of Orange, NJ for operating an FM pirate on 100.7 Mhz from a residence. The FCC issued a Notice of Unlicensed Operation to Sanjiv Jain of Orange, NJ for owning the property where the aforementioned 100.7 Mhz pirate operated. The FCC issued a Notice of Unlicensed Operation to John G. Pierre of Brooklyn, NY for operating an FM pirate on 93.7 Mhz from a residence. The FCC issued a Notice of Unlicensed Operation to Thomas Eugene Barnes of La Grande, OR for operating an FM pirate on 92.3 Mhz from the Orchard Motel. The FCC issued a Notice of Unlicensed Operation to Brenda McHardy of Miami, FL for operating an FM pirate on 89.5 Mhz. The FCC issued a Notice of Unlicensed Operation to Cameron Brown of Miami, FL for operating an FM pirate on 89.5 Mhz. The FCC issued a Notice of Unlicensed Operation to Credo LLC of Miami, FL for operating an FM pirate on 88.7 Mhz. The FCC issued a Notice of Unlicensed Operation to Pastor Ragive Dulcio of Irvington, NJ for operating an FM pirate on 93.3 Mhz from a residence. The FCC issued a Notice of Unlicensed Operation to Pastor Francisco Guzman of Baton Rouge, LA for operating an expanded MW pirate on 1710 Khz from Iglesia La Nueva Jerusalem, Ciudad de la Verdad, Monte De Santidad Inc. The FCC issued a Notice of Unlicensed Operation to Steffan Samaroo of Brooklyn, NY for operating an FM pirate on 104.7 Mhz. Once again this month the FCC issued no citations to shortwave pirates in the United States, unless we count the one bust in the expanded Medium Wave band.

Your pirate DX news and logs for this column are always welcome. Feel free to send them in so that others can follow trends on how and where others are hearing unscheduled and ever-changing pirate radio operations on shortwave. Modes are USB unless listed.

- Amphetamine R.** 6935 1911-1923\* 3/17/18 poor. Prgm of rock & punk mx by Patti Smith and others, with SSTV image at close. (Montney-NJ)
- Captain Morgan Shortwave** 6935.35 0025 3/17/18 good. Prgm of rock & blues mx. (Taylor-WI)
- Captain Morgan Shortwave** 6935 AM 0048 4/1/18 fair. Prgm of blues, rock, & soul mx . (Montney-NJ)
- Channel Z R.** 6935 AM 2204-2222 3/16/18 fair. Prgm of rock & pop oldies. (Montney-NJ)
- Clever Name R.** 6905 0305 3/31/18 good. Prgm of rock mx. (Taylor-WI)
- Coop R.** 6930 2103-2114 3/31/18 poor. DJ Coot w/Easter prgm of classic rock mx. (Taylor-WI)
- Dorm R.** 6930 0250 3/31/18 poor. Prgm of rock, blues, and soul mx w/SSTV image at close. (Taylor-WI)
- Dr. Detroit** 6935 2321-2357 3/16/18 fair. Prgm of rock mx de the 60s and 70s. (Montney-NJ)
- Insane R.** 6950.5 0006 3/17/18 poor to fair. Songs and voice clips frequently interrupted for IDs. (Taylor-WI)
- R. Illuminati** 6960 1303-1325 3/24/18 fair. Prgm of indie pop mx. (Montney-NJ)
- R. Olah** 6930 2329 3/30/18 fair. Prgm of rock, blues, and soul mx w/live TCs. (Taylor-WI)
- Skippy R.** 6950 0059 3/17/18 fair to good. Prgm of mostly Irish mx w/St. Patrick's day theme & some SSTV digital images. (Taylor-WI)
- Spectres of Shortwave** 4065 0115-0200 3/29/18 very good. Apparent relay of audio from this film that was being screened at this time in a Calgary theater. (Delmage-AB)
- Underdog R.** 6925 0110-0145 3/31/18 good. Prgm of rock mx & the Underdog cartoon theme. (Taylor-WI)
- V. of the Springfield Mission** 6930 2230-2236 3/7/18 fair. Relay via KIRK of semi-clandestine prgm from the Aryan Nation mostly of David Bowie mx. Ancr said that they burn loggings that they don't like. (D'Angelo-PA)
- WFDR** 6950 2330 3/17/18 poor but improving. World War II documentary w/many speeches by Roosevelt. (Montney-NJ)
- WFDR** 6950 2243-2309 3/17/18 fair. Documentary w/many speeches by Franklin Roosevelt including some period music. (Montney-NJ)
- WNBC** 6920.1 0007-0035 3/23/18 poor to good. Prgm of rock mx w/multiple ID's mentioning shortwave. (Taylor-WI)
- WNBC** 6920.1 0030-0101 3/23/18 poor to good. DJ Jack Scott playing rock mx w/multiple ID's mentioning shortwave. (Montney-MI)
- Wolverine R.** 6935 2344-2358 3/17/18 good. Prgm of classic rock mx, with SSTV image at close. (Montney-NJ)
- Wolverine R.** 6935 0007 3/17/18 very good, better than S9. Prgm of rock mx sometimes w/echo effect, with SSTV image at close. (Taylor-WI) 

## New Address

Please note that NASWA has a new address:

P.O. Box 3292, Allentown, PA 18106

E-mail can be sent to [hq@naswa.net](mailto:hq@naswa.net). The 45 Wildflower Road address is now closed.

# QSL Report

Sam Barto • 78 Blakeman Road • Thomaston, CT 06787



Radio Tamazuj

## Verification Card (QSL)

We send this verification card to those who have received the radio wave, as a proof of their reception.

Date: 14 January 2012  
Time: 0358 to 0428 UTC  
Frequency: 7.315 KHz  
Received place: U.S.A. WYOMISSING

Thank you for listening to Radio Tamazuj!  
www.radiotamazuj.org

For most people around the world, access to reliable information is by no means a matter of course. Nevertheless, everyone needs impartial information.

If you don't know what's going on around you, how can you make the right decisions? You can directly support Radio Tamazuj by donating any amount to NL2191 INGB000007476 BIC INGBNL22. Starting from Free Unlimited. Hivemum.

FREE  
PR  
SS  
UNLIMITED

**A Tribute to Bill:** I believe it was late in 1977 that I took over the duties of QSL Column from Bill. He was a mentor to me which I shall never forget. I had met him on several DX outings throughout the years. He always had a kind word and a lasting smile. You will be missed especially by me. . . Sam

**GERMANY: NDR - Grub an Bord**

5930 via Nauen Media  
Broadcast sent a partial data eQSL as a PDF attachment confirming my reception of this annual December 24th transmission in 19 ds. v/s Michael Pruett, Consultant, Business Unit Radio. (D'Angelo-PA).

**INDIA: All India Radio** 13695 via Bangalore The station verified my email report to: spectrum-manager@air.org.in with a full data "Tomb o of Salim Chrishti in 56 ds. from the Director os Spectrum Management and Synergy. (D'Angelo-PA).

**KUWAIT: Radio Kuwait** 15540 Full data very large "QSL Certificate" in 328 days from v/s Engineer Meshal A. Al-Megled for an email report. I also received a calendar, station sticker and a program schedule. (Delmage-

**TAIWAN: Radio Taiwan International** 15320 via Paochung The station AB) verified my email report with a full data "88th Anniversary" card in 31 days including a postcard of the "Southeast Coast National Scenic Area". (D'Angelo-PA).

**USA: RAE Argentina** via WRMI

7730 postcard received in @ 1 mo. (Miller-GA).

**ZAMBIA: Voice of Hope** 11680 full data "Antenna" card in @ 2 mos. v/s Ray Robinson, Vice President of Global Operations. (Miller-GA).

Bill, a lot of very nice things have been said about you by DXers and Editors but I'd like to add that you will always be Mr. NASWA to me. Keep tuning those dials because you have room for some great antennas...Sam

NDR.de

From: w.hennemann@nrd.de  
To: d'angelo3@ml.com  
Sent: Thu, Jan 3, 2013 6:11 am  
Subject: Gruss an Bord

Dear Mr. D'Angelo,

Thank you very much for your mail and the reception report which is very useful for me.

Your information are absolutely correct.

I am very sorry the Norddeutscher Rundfunk does not have QSL cards any more.

But I would like to send you another card with the dates and information you request.

The North German Radio and TV Network broadcasts only one programme on short wave: "Gruss an Bord" on Christmas Eve, just once a year. "Gruss an Bord", now in its 39th year, provides a popular platform for sailors to send greetings to their relatives. At the same time, families are given the opportunity to send season's greetings and best wishes for the new year to relatives working on board ships over the holiday period. To ensure that the popular Christmas programme can be heard on vessels across the seven seas, German public broadcasting station NDR has rented short wave frequencies for the occasion. The NDR - North German Radio - started to broadcast 1945 after World War II. It is the second biggest network in Germany - and a public owned one like NPR in USA. We are a part of the ARD, First German TV, have in addition an own tv station in North Germany, broadcast from South Denmark to the middle of Germany and from Netherlands to Poland. The NDR owns further 8 radio stations in North Germany. More information [www.nrd.de](http://www.nrd.de) resp. [www.nrd.de/pressinfo/](http://www.nrd.de/pressinfo/).

With best wishes for 2013,

Wolfgang Henemann

# Contributors' Page

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
## DEADLINE FOR CONTRIBUTIONS IS THE 10th OF THE MONTH

The following members sent in contributions:

Ed CICHOREK, Somerset, NJ  
Rich D'ANGELO, Wyomissing, PA  
Mick DELMAGE, Sherwood Park, ALB

Jim EVANS, Germantown, TN  
Robert FRASER, Belfast, ME  
Vince HENLEY, Anacortes, WA

Ralph PERRY, Wheaton, IL  
Ronald SIVES, South Plainfield, NJ  
David TURNICK, Sinking Spring, PA

IC-R-75, Eavesdropper  
RX340, DX Sloper  
Perseus SDR, Wellbrook ALA-100, Collins HF-2050,  
KLM 7-30 MHz log periodic  
R75, ICF-SW7600G, Perseus, Eavesdropper, randomwire  
YB 300, whip antenna  
PL-380, NRD-525, R8B, ICF-2010, RX-340, Alpha-Delta DX Ultra, whip  
R8B, NRD-545, E1, 355' bi-dir LW  
Eton field radio and 66' SWL dipole  
RX340, WinRadio G31DDC, Alpha Delta DX sloper,  
49m dipole 

## Loggings

2000-30000 kHz

Dave Turnick • 372 Spohn Road • Sinking Spring, PA 19608 • david.turnick@gmail.com

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- 3260 **PAPUA NEW GUINEA Radio Madang** at 1158 UTC May 19 with ID and frequencies for FM and SW. Back into local music thru top of the hour. Fair (Delmage, AB)
- 3260 **PAPUA NEW GUINEA Radio Madang** at 1128 UTC May 13 in presumed Pidgin with Late Night Show of soft pop music and long announcements sometimes mention of FM and SW frequencies. A new program in English at 1203 UTC starting with mention of Mother's Day. Very Good (Delmage, AB)
- 3325 **PAPUA NEW GUINEA NBC Bougainville** at 1015 UTC April 1 with pop music and talk in Pidgin and an English segment about the people of the island may or may not wanting independence. Some English pop songs like Dancing Queen by ABBA and mentions of Easter weekend. Good (Delmage, AB)
- 4750 **BANGLADESH Bangladesh Betar** in Bengali at 1220 UTC May 13 with a man and woman chatting. Very Good (Delmage, AB)
- 4765 **CUBA Radio Progreso** at 0212 UTC March 25 in Spanish with ID's and Cuban music. Fair. (Delmage, AB)
- 4835 **AUSTRALIA Ozy Radio** at 1212 UTC March 31 with Aussie pop song like Reminiscing by Little River Band etc. Poor and fading by 1233 UTC. Also noted April 1st 1005 UTC with sports followed by usual ad for shortwave radios, Kukabara and Waltzing Matilda then into uninterrupted program of Aussie pop hits except for news, sports ad and ID at the top of the hour. Good and improved over the next two hours with some noted splatter from WEWN on 4840 kHz. (Delmage, AB)
- 4835 **AUSTRALIA Ozy Radio** at 1352 UTC April 6 with Aussie pop tunes ABC News at 1401. Fair with noticeable buzzing noise underneath. (Delmage, AB) Also noted April 8th with a better signal around the same times. (Delmage, AB)
- 4835 **AUSTRALIA Ozy Radio** at 1210 UTC May 13 with This Day in History followed by ID and e-mail address. Pop songs like "River Deep Mountain High" by Cold Chisel and "Made My Day" by Tim Finn. Very Good (Delmage, AB)
- 4835 **AUSTRALIA Ozy Radio** NOT on the air at May 19 or 20th 1130 UTC check. (Delmage, AB)
- 4840 **UNITED STATES WWCR** 5/13, 0600- 0610; Dallas area preacher with religious harangue. 55445 (Sives- PA)
- 4840 **USA WWCR** Nashville 5/20, 0500-0515; the World Wide Country Radio program.45444 (Sives- PA)

- 4924 **BRAZIL Radio Educacao Rural**, Tefe, 1018-1022. Talk in Portuguese by a man. Very weak signal, just above the noise. 5/1/2018 (Evans - TN)
- 5020 **SOLOMON ISLANDS SIBC** with sign off announcements at 1201 UTC May 19 followed by National Anthem then another ID as "SIBC The Voice of the Nation" then relaying FM with no announcements between soft pop like ABBA. Fair. Carrier still noted past 1400 UTC with slight audio. (Delmage, AB)
- 5055 **AUSTRALIA 4KZ** at 1325 UTC March 25 with pop songs like "It's A Heartache" Bonnie Tyler, "You make me So Very Happy" by Blood Sweat and Tears, "Living Years" by Mike and The Mechanics etc. Between announcements and commercials. About off at 1359:50 mid song "Always Something There to Remind Me". Fair (Delmage, AB)
- 5055 **AUSTRALIA 4KZ** at 1321 UTC April 6 playing pop songs like "Compulsory Hero" by 1927 and "I Did What I Did For Maria" by Tony Christie. Very Good. Also noted April 7 and 8th with abrupt off at 1359 UTC mid song both days. (Delmage, AB)
- 5055 **AUSTRALIA 4KZ** at 1150 UTC May 19 with ads for local businesses in Innis fail. Pop music Very Good. Noted cut off at 1355.08 UTC (Delmage, AB)
- 5055 **AUSTRALIA 4KZ** at 1127 UTC thru to 1231 UTC May 20 with tunes like "Loving You" by Minnie Riperton, "Sink The Bismarck" by Johnny Horton, "The Happiest Girl In The Whole USA" by Donna Fargo, "Throwing It All Away" by Genesis and "Darlin'" by Frank Miller. Just an old fashion sing-a-long this morning. Promos and Ads for ARDXC, windscreen replacement and the Reading-Writing Hotline. Very Good (Delmage, AB)
- 5055 **AUSTRALIA 4KZ** at 1206 UTC May 13 with ID for KZ Network after the weather and seas report. Into post music. Good (Delmage, AB)
- 5055 **AUSTRALIA 4KZ** at 1340 UTC May 1 with pop music like "Moonlight Feels Right" by Starbuck and promos for the ZK Network. Cut off mid song at 1356 UTC. Fair (Delmage, AB)
- 5930 **FRANCE, Radio Algerienne**, 2128-2131, 4-8-18. Holy Quran recitation. SIO333. (Cichorek-NJ)
- 5950 **UNITED STATES Radiodiffusion Argentina Exterior**, Okeechobee, FL, 2232-2238. Talk in Spanish between two men. Guitar music at 2325. Talk by a man at 2237 over guitar music. Moderate signal strength with a few deep fades. 5/8/2018 (Evans - TN)
- 5960 **KUWAIT Radio Kuwait**, Sulaiyah, 0327-0335. Talk in Arabic by a man. National anthem of Kuwait at 0328, then talk in Arabic by a man and a woman alternating with short segments of music. Weak to moderate signal with slow but heavy fading. Recheck at 0402 found traditional Middle Eastern music with decreased signal strength. 3/28/2018. Also heard on 4/5, 0303-0330, with news in Arabic by a man, national anthem at 0328, and similar signal. (Evans - TN)
- 5980 **NEW ZEALAND Radio New Zealand Int'l** at 1515 UTC March 25 relaying RNZ talking about a local volcano. Very Good (Delmage, AB)
- 6045 **KOREA (ROK) Voice of Freedom**, Hwaseong, 1044-1047. Talk in Korean by a man and a woman. Very weak signal with minor fading. 5/1/2018 (Evans - TN)
- 6075 **ALASKA KNLS** Religious Broadcaster in EE. SIO 555, May 12, 2018, 1424 - 1434. "Radio History for Beginners" program. Discussion of radio broadcasting in the 1930s and 1940s. Discussion of the Jack Benny Show with origins in vaudeville. YL announcer, OM commentator. MX, mixed songs and a variety of "Christian Rock." Excellent signal. (Henley, WA)
- 6105 **FRANCE NHK World Radio Japan** 5/19, 0225- 0259, in JJ; one OM and one YL comment on various songs that they play in several different languages. They even slipped in a song by Elvis. 44333. (Sives- PA)
- 6125 **CHINA CNR 1** in CC. // 6175. SIO 434, May 18, 2018, 1502 - 1508. Multiple OM and YL announcers with talk or commentary. MX in background. (Henley, WA)
- 6185 **MEXICO Radio Educacion** at 0215 UTC in Spanish with English tune "When a Man Loves A Woman" by Percy Sledge followed by a full ID at 0233 UTC followed by a program of Mexican ballads. Very Good (Delmage, AB)
- 6185 **CHINA China Huayi Broadcasting Company**, Fuzhou, 1103-1107. Chinese vocal music. Talk in Chinese at 1105, then more music. Very weak signal, just above the noise. 5/1/2018 (Evans - TN)
- 6195 **BOTSWANA Voice of America** Selebi-Phikwe, 2136-2149, 4-8-18. Country and western selections hosted by female in English. SIO333 (Cichorek-NJ)
- 6600 **SOUTH KOREA Voice of the People** clandestine. SIO 323, May 18, 2018, 1511 - 1517. Heavily jammed with noise jamming. Poor listening, but can hear OM in talk under the jamming. (Henley, WA)
- 6600 **KOREA (ROK) Voice of the People**, Goyang, Gyeonggi-do, 1042-1045. Talk in Korean by a woman. Weak signal with minor fading and heavy jamming. 5/3/2018 (Evans - TN)
- 7140 **ERITREA Voice of Broad Masses of Eritrea**, Asmara (presumed), 0404-0412. Some audio finally heard on the carrier occasionally noted on this frequency. Talk by a woman 0404-0407, then down into the noise, audio reappearing at 0412 with talk by a man. Very weak signal, above the noise about 25% of the time. No jammer heard. 4/4/2018 (Evans - TN)

- 7300 **CHINA CNR 1** in CC. // 7305. SIO 434, May 18, 2018, 1518 – 1522. Clearly, this broadcast is intended to jam RTI in Taiwan on the same frequency OM and YL commentators, with mostly talk and some news or interview clips. (Henley, WA)
- 7325 **CHINA China Radio Int'l** in EE. SIO 555, May 18, 2018, 1522 – 1536. OM and YL in discussion or interview format, covering politics, trade, and Chinese popular culture. (Henley, WA)
- 7355 **ALASKA KNLS** at 1245 UTC May 20 in English with religious talk and music to 1257 sign off and schedule. Very Good (Delmage, AB)
- 7410 **CHINA China Radio Int'l** in JJ. SIO 555, May 18, 2018, 1527 – 1534. Pop MX in JJ. Excellent signal, YL announcer in JJ. More Pop MX with YL vocals. Excellent signal, very clear, no QRN, QRM or QSB. Armchair listening. (Henley, WA)
- 7410 **CHINA China Radio Int'l** in JJ. SIO 444, May 13, 2018, 1430 – 1438. YL announcer with MX. OM announcer with more MX, then commentary. Instrumental MX throughout the broadcast. Listed target is Far East. Good signal. (Henley, WA)
- 7555 **INDIA AIR Delhi** at 1530 UTC April 8 with English “News At Nine” followed by sports about India’s metal count at the Commonwealth Games. Very Good but started to fade at 1550 UTC. // 11560 Panaji that was poor. (Delmage, AB)
- 9100 **KOREA (ROK) Echo of Hope**, Goyang, Gyeonggi-do (presumed), 1234-1237. Talk in Korean by a woman. Weak signal with minor fading. Jammer was present, but not very effective. 4/28/2018 (Evans - TN)
- 9445 **INDIA AIR**, Bengaluru, 2208-2212, 5-4-18. Man in English with news summary and mentions of Korean peninsula news. ID at 2210 followed by subcontinent vocals. SIO444. (Cichorek-NJ)
- 9450 **TAIWAN Radio Taiwan Int'l**, Tamsui district, 2235-2300, Man and woman in listed Mandarin sounding like delivery of news items. 5+1 time pips at 2300 man with ID.Fair (Cichorek-NJ)
- 9490 **MADAGASCAR KNLS** 2239-2245, 5-6-18. Man and woman in Chinese with presumed evangelical message with some musical segues. Fair to good. (Cichorek-NJ)
- 9535 **CUBA Radio Havana Cuba**, Bejucal, 2354-2357, 3-26-18. Musical selections, romantic sounding vocals. ID by woman with presumed program anmts. and frequencies. SIO444. (Cichorek-NJ)
- 9555 **UNITED ARAB EMERATE Radio Free Asia**, Dhabbaya, 2345-0000, 4-16-18. Man and woman with talk in listed Tibetan, singing, instrumentals, 2359 ID by woman followed by 5+1 time pips and abrupt end of transmission. Poor (cichorek-NJ)
- 9560 **TAIWAN Furasato no Kaze** clandestine broadcast in JJ. SIO 343, May 13, 2018, 1440 – 1448. YL announcer with talk. Some QRN/QRM, but overall listenable. Listed target is North Korea. (Henley, WA)
- 9570 **CUBA China Radio Int'l** at 1300. ‘Chinese Theater’ – a tale of two families. 4543 (Fraser-ME)
- 9615 **PHILIPPINES BBC** in KK from Tinang. SIO 555, May 18, 2018, 1534 – 1547. YL announcer, talk of Royal wedding coming up, Trump – China politics relative to N. Korea. Many news clips in EE, including the “laurel / Yanni” clip that men and women hear differently. Listed target is Far East, but reception is excellent here in the USA Pacific Northwest. (Henley, WA)
- 9615 **PHILIPPINES Voice of America** in Khmer. SIO 444, May 20, 2018, 1403 – 1408. OM newscaster. Multiple news items, MX clips between items. YL announcer follows. (Henley, WA)
- 9625 **TAIWAN Radio Taiwan International** in Vietnamese. SIO 444, May 20, 2018, 1410 – 1414. YL announcer, some MX clips. Some QRM, but clearly listenable at my location. (Henley, WA)
- 9630 **BRAZIL Radio Aparacida**, 2359-0000, 3-26-18. Man in Portuguese with many ments of Aparacida. TP’s at 0000 with anmts. and “Radio Aparacida. Slight echo effect. SIO333. (Cichorek-NJ)
- 9630 **BRAZIL Radio Aparecida** in PP. SIO 544, May 20, 2018, 1413 – 1420. YL announcer in interview format alternating with OM announcer. Domestic broadcast. Slight QRM and QSB, but otherwise a clear signal. (Henley, WA)
- 9630 **BRAZIL Radio Aparecida**, 2252-2300, 5-6-18. Older English pop songs under strong “buzz sang” interference. 2+1 time pips at 2300 with ID.Poor (Cichorek-NJ)
- 9655 **ALASKA KNLS** at 1710 UTC April 6 in Chinese. Excellent (Delmage, AB)
- 9660 **CHINA CNR1** in CC. SIO 444, May 20, 2018, 1422 – 1425. Domestic broadcast with an echo on this signal and several other stations on this same frequency. Considerable QRM. OM and YL announcers alternating. (Henley, WA)
- 9665 **BRAZIL Radio Voz Missionaria**, Camboriú sc, 2225-2231, 4-1-18. Vocals and religious sounding marching vocals with trumpets. Man in preachy tone. Poor. (Cichorek-NJ)
- 9675 **CHINA China Radio Int'l** in RR. SIO 555, May 20, 2018, 1425 – 1428. OM and YL announcers in RR. Chinese MX in background. Strong and clear signal. Listed target is Siberia. (Henley, WA)
- 9675 **CHINA China Radio Int'l** in RR. SIO 343, May 12, 2018, 1447 – 1456. MX, OM announcer in RR. ID in RR. Off air at 1456. Also on May 13, 2018, SIO 323, 1448 – 1457. Off air at 1457. Listed target is Siberia. Considerable local QRN. (Henley, WA)
- 9685 **TAIWAN Nippon No Kaze** program at 1527 UTC May 19 // 7335 kHz and via PALAU 9975 kHz. All three were good in Korean. (Delmage, AB)

- 9720 **CUBA Radio Havana Cuba** in English at 2300 UTC March 30 with announcements leading to news at 2303 UTC. Fair to Good (Delmage, AB)
- 9730 **ALASKA KNLS** at 1703 UTC April 6 in Russian with some English pop songs and voice over translation of religious programming. Excellent (Delmage, AB)
- 9745 **BAHRAIN Radio Bahrain**, Abu Hayan, 2318-2345. Middle Eastern vocal music. Two very long selections. Possible quick comments by a woman between songs at 2327, but could have been part of the music. Weak signal in heavy noise with a few good peaks. Becoming weaker by 2338. Carrier plus USB with no LSB component. They usually appear here in late April or early May. Only hear them once or twice per year. 5/1/2018 (Evans - TN)
- 9750 **JAPAN NHK Radio Japan** in JJ. SIO 555, May 20, 2018, 1429 - 1432. OMs in conversation. Can hear other stations underneath on this same frequency, but NHK wins the receiver in this location. (Henley, WA)
- 9750 **UNITED ARAB EMERATE. FEBA Radio Pakistan**, Al-Dhabbaya, 0212-0230\*. Talk by a man alternating with local music. Talk by a woman from 0228 to 0230\*. Language listed as Urdu prior to 0215, Sindhi thereafter. Weak signal with significant fading, up a few times to moderate level. 5/15/2018 (Evans - TN)
- 9785 **SOUTH KOREA KBS World Radio** in EE. SIO 534, May 20, 2018, 1433 - 1440. Various announcers, Pop MX. Considerable QRM from several Asian stations on this same frequency. (Henley, WA)
- 9790 **CUBA China Radio Int'l** Quivican 5/20, 0445- 0455, in listed Cantonese; YL anc who plays music with apparent commentary. Some nice stuff. 55445 (Sives- PA)
- 9800 **EGYPT Radio Cairo**, Abis, 2211-2218, 4-1-18. Local music, vocals. At 2218 ID, poor audio, overall fair signal. (Cichorek-NJ)
- 9800 **PHILIPPINES Radio Vaticana** in Hindi. SIO 333, May 20, 2018, 1441 - 1444. Considerable QRM, poor listening. Various OM and YL announcers talking. Possibly a radio play or drama. Listed target is S. Asia
- 9804 **EGYPT Radio Cairo** at 2236 UTC April 29 with female talk in English with short intervals of music. Off air at 2245 UTC. Very distorted but strong enough to identify. (Delmage, AB)
- 9840 **UNITED ARAB EMERATE Voice of America Deewa Radio**, Al-Dhabbaya, 0212-0231. Talk in Pashto by a man. Weak signal with moderate fading. Difficult reception due to noise from something in my neighborhood. 5/15/2018 (Evans - TN)
- 9855 **TAJIKISTAN National Unity Radio**, Dushambe-Yangiyu, 1249-1254. Talk in Korean by a woman. A minute of traditional Korean music at 1252 followed by talk over music by a man and a woman. Moderate signal strength with minor fading. 4/28/2018 (Evans - TN)
- 9860 **CHINA CNR-1** Beijing, 2152-2200, 4-1-18. Choral vocals with man talking in Mandarin. 4+1 time pips with presumed ID and talk in listed Mandarin. Poor signal. (Cichorek-NJ)
- 9875 **NORTH KOREA Voice of Korea**, 2314-2319, 5-6-18. Man and woman in listed Chinese with back and forth discussion. Poor. (Cichorek-NJ)
- 9885 **TAJIKISTAN Clandestine, National Unity Broadcast Station**. Listed target is North Korea. Pop MX songs, YL and OM announcers. Lecture or homily by OM between songs. (Henley, WA)
- 9894 **EGYPT Radio Cairo**, Abis, 2031-2045. Talk in French by a woman, probably news. Talk over music at 2043. Moderate signal strength with low level hum and some voice distortion. Not good audio, but not as bad as in the past. 4/8/2018 (Evans - TN)
- 9900 **CHINA CNR 1** in CC. SIO 555, May 20, 2018, 1452 - 1500. Very strong signal jamming VOA on same frequency. OM and YL announcers, listed language is Mandarin Chinese pop MX ID and sign-off. Time pips at top of hour, then carrier gone at 1500. (Henley, WA)
- 9965 **PALAU World Harvest Radio** (T8WH), Medom, 1309-1313. Religious talk in English by a male evangelist. Weak signal, occasionally fading up to moderate strength. 4/1/2018 (Evans - TN)
- 11560 **INDIA AIR** at 1520 UTC March 31 in Pashto to off air at 1530 UTC, Excellent. Also noted April 1st when they stayed on to 1531:15 airing the English News at Nine. (Delmage, AB)
- 11560 **INDIA All India Radio**, Delhi (Kingsway), 1446-1451. Traditional subcontinent vocal music. Moderate strength signal with significant fading. 5/13/2018 (Evans - TN)
- 11645 **NORTH KOREA Voice of Korea** in Arabic. SIO 444, May 20, 2018, 1502 - 1511. OM and YL announcers, multiple martial choral MX pieces. OM with news. Mention of proposed summit with Trump, many mentions of Kim. (Henley, WA)
- 11665 **CHINA China Radio Int'l** in Pashto. SIO 343, May 20, 2018, 1512 - 1515. Listed target is Afghanistan. OM announcer. Some QSB but otherwise listenable. (Henley, WA)
- 11680 **NORTH KOREA KCBS** in KK. SIO 444, May 20, 2018, 1516 - 1520. MX solo YL singing, then instrumental MX. Good signal, with no QRM or QRN. This is mostly intended for domestic consumption. Slight QSB. (Henley, WA)

- 11710 **NORTH KOREA Voice of Korea** in EE. SIO 555, May 20, 2018, 1522 – 1528. Pleasant instrumental MX. YL announcer between songs. YL announcer with propaganda about what a great place North Korea is to work and live. Boring propaganda from a country that cannot feed its population. (Henley, WA)
- 11710 **NORTH KOREA Voice of Korea** in EE. SIO 343, May 12, 2018, 1505 – 1512. Martial MX, YL announcer followed by more martial MX and choral singing. YL announcer with news and commentary from Pyongyang follows. Moderate QSB, otherwise listenable. (Henley, WA)
- 11710 **NORTH KOREA Voice of Korea** at 1500 UTC May 6 with English sign on with Anthem followed by one "military" tune then ID as VOK Voice of Korea News Now. Newscast to 1518 UTC then into traditional Korean music. Schedule including new times given at 1555 UTC. Very Good // 9435 kHz also Very Good. Into French programs at 1600 UTC. (Delmage, AB)
- 11725 **NEW ZEALAND Radio New Zealand Int'l** at 0500 UTC April 25 with News starting with the events that happened in Toronto. At 0510 UTC they broadcast a program from Radio Netherlands. No Checkpoint this day? Excellent (Delmage, AB)
- 11730 **TURKEY Voice of Turkey** at 1748 UTC March 20 in English with a readable signal through the noisy bands. Fair (Delmage, AB)
- 11735 **ZANZIBAR ZBC** at 1800:35 UTC March 20 with time pips and ID and time check followed by news in English. Had not heard in a few days but that could be propagation? Poor (Delmage, AB)
- 11780 **BRAZIL Radio Nacional** at 2225 UTC March 30 with very nice music program and talk in Portuguese. ID and off at 2300 UTC. Excellent (Delmage, AB)
- 11780 **BRAZIL Radio Nacional de Amazonia**, Brasilia, 2215-2220. Talk in Portuguese between a man and a woman with an occasional few bars of music in the background. Moderate strength signal with slow fades. 5/8/2018 (Evans - TN)
- 11810 **ASCENSION ISLAND BBC**, 2104-2108, 3-30-18. World news in English. Casual ID at 2106 followed by discussion on the Facebook controversy. SIO444 Cichorek-NJ)
- 11810 **ASCENSION ISLANDS BBC @ 2100**. World News 454 4/12 (Fraser-ME)
- 11850 **ROMANIA Radio Romanian Int'l @ 2029/** Easter Celebrations. 453 4/11 (Fraser-ME)
- 11930 **USA Radio Marti** Greenville 5/20, 1452- 1458, in SS; OM in commentary. SIO 333 (Sives- PA)
- 11955 **GUAM Adventist World Radio**, Agat, 2222-2230. Talk in Indonesian by a man. Vocal music at 2223. Announcement by a man at 2228 followed by instrumental music. ID in English by a man at 2230, then back to Indonesian. Moderate strength signal with deep fades, almost into the noise. 5/22/2018 (Evans - TN)
- 12035 **UNITED STATES Voice of America Deewa Radio** in Pashto. SIO 354, May 20, 2018, 1536 – 1541. Listed target is Pakistan and Afghanistan. Clear signal with little QSB. Main show elements of talk and interviews are separated by MX clips. (Henley, WA)
- 12045 **JAPAN NHK Radio Japan** in JJ. SIO 343, May 20, 2018, 1542 – 1545. OMs in a discussion or humorous skit. Listed target is South Asia. Good signal. (Henley, WA)
- 12050 **UNITED STATES WEWN – EWTN Catholic Radio** in SS. SIO 333, May 20, 2018, 1545 – 1548. Catholic radio, with talk and MX in SS. Some QRM and QRN, moderate QSB. Listed target is S. America. (Henley, WA)
- 12120 **PHILIPPINES Radyo Pilipinas Worldwide** at 1730 UTC April 6 sign on with National Anthem and frequency announcements in English and mention of transmissions directed to overseas workers. Continued in Tagalog Good with CODAR //9910 fair and 15190 with deep fades. (Delmage, AB)
- 12120 **PHILIPPINES Radyo Pilipinas Worldwide** at 1730 UTC April 7 with National Anthem and sign on followed by "shout out" to watchers (on the website) and instructions to obtain passport renewal from the countries that listeners are working in. This went on for a while with ID's as "Radyo Pilipinas Special Coverage". They must be preparing for the Barangay elections in May. Good with CODAR // 15190 that was very strong. (Delmage, AB)
- 13580 **BANGLADESH Betar** at 1815 tune in April 29 with talk in English and ID at 1818 UTC. Music program at 1835 including "Born to Run" by Bruce Springsteen. Poor with CODAR. Gone at 1900 UTC. (Delmage, AB)
- 13580 **OMAN BBC** at 0426 UTC April 30 with Newsroom. ID and BBC program promos at 0429 UTC. Very Good (Delmage, AB)
- 13580 **BANGLADESH Bangladesh Betar** at 1955 UTC May 2 in Bengali with what sounded like a radio drama. Sign Off announcements with postal and e-mail addresses given then off air at 2000:13 UTC. Very Good (Delmage, AB)
- 13605 **UNITED STATES Radio Marti** in SS. SIO 344, May 20, 2018, 1549 – 1555. Multiple OM and YL announcers. ID given several times. Commentary and news. (Henley, WA)
- 13710 **SAUDI ARABIA BSKSA** at 1625 UTC March 31 with Holy Qur'an. Excellent (Delmage, AB)

- 13740 **CUBA China Radio Int'l** via Havana in EE. SIO 444, May 12, 2018, 1434 - 1440. OM and YL commentators on Chinese popular culture. Quite a good signal, some minor QSB. (Henley, WA)
- 15140 **OMAN Radio Sultanate of Oman**, Thumryat, 1434-1437. American pop music with short announcements in English by a woman. Moderate strength signal with some deep fades down into the noise. 5/13/2018 (Evans - TN)
- 15140 **CUBA Radio Cuba Habana** at 1915. Reports on child brutality in Mexico and Guatemala. 453 4/11 (Fraser-ME)
- 15140 **OMAN Radio Sultanate of Oman**, Thumryat, 1630-1632. Talk in Arabic by two men. Strong signal with slow fades. Recheck at 1709 found similar signal with traditional Middle Eastern vocal music. 4/8/2018 (Evans - TN)
- 15225 **ENGLAND Radio Liberty**, Wofferton, 1505-1508. Talk in Turkmen by a man and a woman. Very weak signal, above the noise about 75% of the time. 5/10/2018 (Evans - TN)
- 15235 **SOUTH AFRICA Channel Africa** at 1747 UTC March 23 in English with their "Africa Digest" program to sign off announcements at 1754 UTC than an African tune to transmitter off at 1756 UTC. Excellent (Delmage, AB)
- 15310 **GERMANY Radio Bible Voice**, Nauen, 1740-1742. Talk in Amharic by a man. Very weak, threshold level signal. Just a few words occasionally heard. 5/20/2018 (Evans - TN)
- 15400 **GERMANY Athmeeya Yatra Radio**, Nauen, 1438-1441. Talk by a man in Konyak. Weak signal with frequent deep fades. 5/17/2018 (Evans - TN)
- 15450 **TURKEY Voice of Turkey** at 1258. Report on foreign policy. 453 4/12 (Fraser-ME)
- 15505 **BANGLADESH Bangladesh Betar**, Dhakah, 1415-1430\*. Subcontinent vocal music. Talk by a man in Urdu at 1417. Music resumed at 1423. Announcements by a man at 1429. End of transmission at 1430:30. Weak signal with minor fading in heavy noise. 4/29/2018 (Evans - TN)
- 15540 **KUWAIT Radio Kuwait**, Sulaibiyah (presumed), 1722-1725. Urdu language broadcast (per schedule). Traditional music. Weak signal, just above noise level with moderate fading. 4/8/2018 (Evans - TN)
- 17640 **ASCENSION ISLAND BBC** at 1655 UTC March 31 with sports talk about tennis. BBC programming promo at 1659 UTC then off at 1700. Fair (Delmage, AB)
- 17855 **SPAIN RFE** 5/13, 1400- 1415, inSS; two OM ancr with commentary on apparent soccer game in excited tones. 24332 (Sives- PA)
- 17855 **SPAIN RFE** Noblejas 5/20, 1440-1450, in SS; one OM in commentary about soccer game in usual excitable manner. SIO 333 (Sives- PA)





# On the Short Waves

by Jerry Berg

<[www.ontheshortwaves.com](http://www.ontheshortwaves.com)> **Update, April 1, 2018** — We've already posted several items about Crosley station WLWO, Cincinnati, Ohio, later known as Bethany. (Post war, "Bethany" was commonly used to refer to both that location and the next-door site, Mason, which was in use through the 1950s.) These are: a 1940s promotional brochure containing some early station history; two ID recordings (1959 and 1962); and, under "Specialized Resources/Radio Postcards," some views of the facilities of WLW and related outlets. We are now posting several more items, under "DX History/QSLs & Other Station Memorabilia." From the station's early days we have a 1937 QSL-letter, when the station was still known as W8XAL, and a 1947 QSL-card (it looks like a prepared card but is believed to be the station's own). Some of the Crosley transmitters which had been installed in the 1940s were taken out of service in 1989, an event commemorated by a VOA QSL-card. The senders were replaced with 250 kw. Brown Boveri (ABB) units, and we have posted a brochure prepared in connection with their inauguration in 1991. In 1992 the station celebrated its 50th anniversary with a special QSL-card. The site was closed down in 1994, and local station staff memorialized the closing with a black-bordered QSL.

<[www.ontheshortwaves.com](http://www.ontheshortwaves.com)> **Update, April 8, 2018** — The Australian card we have posted under "DX History/People" caught my eye mainly because of the novelty of an early radio shop run by a woman. But I found that the card (which is actually a blotter) has some real historical significance, for Miss F. V. Wallace, later known as Mrs. Mac (she married Cecil Roland McKenzie), was a pioneer in technical education for women in Australia. Among her many accomplishments: she was the first Australian female amateur operator (1922); one of the founders of *Wireless Weekly* (1922); first Australian female Electrical Engineer (1923); and pioneer in wartime signal instruction through the founding of the Women's Emergency Signalling Corps (WESC) in Sydney in 1939, which led to the founding of the Women's Royal Australian Naval Service (WRANS) in 1941. There is an excellent 55-min. recording about Mrs. Mac online. "Signals, Currents, and Wires: the Untold Story of Florence Violet McKenzie" is a 2008 episode of "Hindsight," a program of Australia's National Radio (NR) <<http://www.abc.net.au/radionational/programs/archived/hindsight/signals-currents-and-wires-the-untold-story-of/3287402>> It first covers the World War II period, then (at 24 mins. in) shifts to earlier history. Miss Wallace attended Sydney Technical College for 6 yrs., and started her own electrical business, The Wireless Shop, which became Sydney headquarters for all things radio. She also started her own electrical school, the Electrical Association for Women. Give yourself a treat and listen to this program. As to the card's vintage, the call letters belong to stations of the early Australian coastal stations, most of which were established in the years 1912-1914. The NR program indicates that Wallace became an Electrical Engineer in 1923, and since the EE credential is shown on the card, it must date back to that time or later. There is more online about Mrs. Mac—Google "Florence Violet McKenzie Australia radio." — Under "Specialized Resources/Wavescan," we have four new entries from Adrian Peterson: (1) "The Radio Scene on Van Slyck Island [Schenectady]" (Wavescan N472, March 11, 2018); (2) "The Radio Scene in Zimbabwe" (Wavescan N473, March 18, 2018); (3) "The Radio Scene in Montserrat: Radio Antilles" (Wavescan N474, March 25, 2018); and (4) "Animals & Insects in Radio-1" (Wavescan N475, April 1, 2018).

<[www.ontheshortwaves.com](http://www.ontheshortwaves.com)> **Update, April 15, 2018** — This time, under "DX History/Lists, Logs, Guides & Columns," we have posted a 1934 edition of the Haynes' Long and Short Wave Radio Log Book. Many groups gave radio logs as favors to members and others. This one is from Mel Tierney Post, No. 247, American Legion, in Park Ridge, Illinois. Note the promotion for the Chicago Short Wave Club in the section, "Principal Short Wave Stations Being Heard in America."

<[www.ontheshortwaves.com](http://www.ontheshortwaves.com)> **Update, April 22, 2018** — This time, under "DX History//Stations," we have posted a promotional booklet from early BCber KTNT, Muscatine, Iowa. The station was owned by

promoter-huckster Norman Baker. After KTNT lost its license in 1931, Baker opened Mexican "border blaster" XENT. You can find a QSL from KTNT at < [http://www.ontheshortwaves.com/QSL\\_BCB/KTNT-1931.pdf](http://www.ontheshortwaves.com/QSL_BCB/KTNT-1931.pdf)> and a slightly tattered "QSL" at < [http://www.ontheshortwaves.com/QSL\\_BCB/KTNT.jpg](http://www.ontheshortwaves.com/QSL_BCB/KTNT.jpg)>

<[www.ontheshortwaves.com](http://www.ontheshortwaves.com)> **Update, April 29, 2018** — Under "DX History/QSLs & Other Station Memorabilia," "Trinkets-II," you will find a number of pins and other souvenirs issued by American mediumwave stations over the years. They are from: (1) KFNE, Shenandoah, Iowa [Henry Field Seed Co.] (ceramic dish); (2) KNFN again (spoon); (3) KMA, Shenandoah, Iowa [Earl E. May Seed & Nursery Co.]; (4) KCBS, San Francisco, California (1959, 50th anniversary); (5) KDKA, Pittsburgh, Pennsylvania (pressed penny from the October 1995 convention of the Pennsylvania Assn. of Numismatists [PAN]); (6) KFQD, Anchorage, Alaska (1973 on-air marathon); (7) KGIR, Butte, Montana (1939, 10 years of service); (8) WDIA, Memphis, Tennessee; (9) WIP, Philadelphia, Pennsylvania [Gimbel's Department Store] (Uncle WIP Kiddie Club); (10) WMEX, Boston, Massachusetts; and (11) WSPD, Toldeo, Ohio. — And under "Specialized Resources/Wavescan," Adrian Peterson has favored us with three new stories: (1) "The Lonely Little American Radio Station in Pakistan: AFRTS Peshawar" (Wavescan N476, April 8, 2018); (2) "The Northern Quebec Shortwave Service from RCI Shortwave in Sackville" (Wavescan N477, April 15, 2018); and (3) "Animals and Insects in Radio-2" (Wavescan N478, April 22, 2018).

<[www.ontheshortwaves.com](http://www.ontheshortwaves.com)> **Update, May 6, 2018** — Under "DX History/Literature & Humor" we have posted some more humorous postcards. (Maybe some are better termed "almost humorous.")

<[www.ontheshortwaves.com](http://www.ontheshortwaves.com)> **Update, May 13, 2018** — Under "Specialized Resources/Radio Postcards" we have added a number of new postcard views of stations located outside the U.S. They are: Argentina—LT5, Radio Chaco, in Resistencia; and Radio El Mundo (this is a medicinal advertising card). Belgium—two views of Radio Ruyselede, a 1930s commercial station that was also used for shortwave broadcasting. India—the All India Radio headquarters building in New Delhi (constructed in 1940). Indonesia—two views of the commercial station in Malabar (opened in 1923), and the station in Sabang. International Waters—the M/V Peace, home of the Israeli station Voice of Peace, which in 1983-84 broadcast on 6240 kHz. from off the coast of Tel Aviv. Panama—two exterior views of Radio Miramar, Panama City (HP5B on 6030 kHz. in the 1930s), and a card with several interior views. Portugal—two views of Radio Clube Portugues, Parede, which broadcast on 6080 kHz. in the 1940s and 1950s; and the Radio Free Europe antennas in Gloria (photo from around 1960). Sarawak—three views of the Radio Sarawak building in Kuching. Surinam—Radio Apintie, Paramaribo. — And under "Specialized Resources/Wavescan," Adrian Peterson has filed two new stories: "General Douglas MacArthur's Favorite Shortwave Callsign—KAZ" (Wavescan N479, April 29, 2018); and "The Radio Broadcasting Scene in Scotland" (Wavescan N480, May 6, 2018).

<[www.ontheshortwaves.com](http://www.ontheshortwaves.com)> **Update, May 20, 2018** — Under "DX History/Stations," we have posted another item from RCA—a World War II-era folder, "Radio's Role in the War," which includes a map of the worldwide communication links of RCA subsidiary, RCA Communications, Inc. — And under "Specialized Resources/Wavescan," Adrian Peterson has made another entry: "The Highest Powered Mediumwave Station in the Southern Hemisphere-2 [2CO, NSW] (Wavescan N481, May 13, 2018).

<[www.ontheshortwaves.com](http://www.ontheshortwaves.com)> **Update, May 27, 2018** — Under "CPRV/The CPRV Gallery," we have added a dozen "new-old" QSLs from utility stations (bottom of the Gallery page), all marked "New" in red. They are: (1) Canada-VED, Northwest Territories & Yukon Radio System, Calder, Alberta (1950); (2) Ethiopia-Radio Addis Ababa (1972); (3) International Waters-Conte di Savoia (1938); (4) International Waters-WCOQ, S.S. Cristobal (Panama, 1941); (5) International Waters-FNSK, S.S. Normandie (undated); (6) International Waters-S.S. Rex (1938); (7) International Waters-WLEE, S.S. Washington (undated); (8) Italy-Italo Radio (1939); (9) U.S.-USNY-W2XGB, Press Wireless, Inc., Hicksville, NY (1938); (10) U.S.-USIL-W9XDH, Press Wireless, Inc., Elgin, IL (1938); (11) U.S.-KFZT, station of Zenith President E. F. McDonald, Jr., aboard the Yacht Mizpah (location unknown, 1938); and (12) U.S.S.R.-Sputnik (1957). — And under "Specialized Resources/The DX Recordings of Colin Miller," you will find a new entry—the inaugural s/on of Capital Radio, Transkei, in 1979, transmitter failure and all..

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