

# The **NASA** Journal

VOLUME LVIII NUMBER 7

JULY 2018



**FEBA-SEYHELLES**

CONFIRMING YOUR REPORT

on *15.186* MHz, at *0258* hours, GMT

on *September 8th 1970*

With thanks,

*Brenda Swan*

QSL Secretary

For Test Broadcasting Ant's,  
P. O. Box 234, Victoria,  
Seychelles (via Mombasa Kenya)

FEBA - Seychelles  
is a member station of  
FEBIC Radio International



**FEBA SEYHELLES**

Confirming your report

on *11.985* MHz at *17:55* hrs. GMT  
on *12th April 1973*.

With thanks,  
QSL Secretary

*Mary Barry*

F.E.B.A., Box 234, MAHE, SEYHELLES (Indian Ocean)



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## WORLDWIDE LISTENING GUIDE

By **J. Figliozzi**. Modeled on the author's popular **Worldwide Shortwave Listening Guide**, this new book covers all of today's formats: live on-demand, podcast, satellite, Internet, digital, analog, AM, FM, shortwave and wi-fi. Learn what can be heard how, where and when! Spiral bound 8th Ed. 192 p. ©2017. List \$29.95. Order #6521 ..... \$27.95



## 2018 WORLD RADIO TV HANDBOOK

This respected publication is filled with schedules, frequencies and addresses of shortwave broadcast stations. Organized primarily by country. Also includes a by-frequency listing of shortwave broadcast stations, plus receiver reviews. ©2017. 72nd Ed. 672 p. List \$49.95. Order #2018 ..... \$44.95



## ANTENNA BASICS

By **Bob Grove**. If you are new to the radio monitoring hobby, and want a great introduction to antenna topics, this book is for you. Noted author, Bob Grove covers a wide range of topics in his usual clear and understandable manner. © 2017 Grove 75 p. Order #3773 ..... \$9.95



## SHORTWAVE RECEIVERS PAST & PRESENT

By **F. Osterman**. A comprehensive guide to over 1700 shortwave, amateur and commercial communications receivers (plus 1200 variants) made in the last 70 years. With 1800 photos and information including: coverage, circuit, display, features, performance, new & used values (for most), reviews, etc. Over 360 manufacturers are represented. Become an instant receiver expert. Hard bound Fourth Ed. Second Printing. ©2014 UFR. 800 p. Order #0004 ..... \$49.95



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With this edition of The Journal we should be back on our regular monthly publication schedule. For those that don't know, historically the last Saturday of the month is when The Journal was taken to the printer. However, as we modify things going forward that could change slightly in the future. Any changes will be reflected in the 2019 publication and editorial deadline schedule.

Thanks to Mark Taylor and Bill Dvorak we have news about the rapidly approaching Madison-Milwaukee DX Get-together for 2018. It is almost time for this year's Madison-Milwaukee DX Get-together and this one is a milestone edition! The Madison-Milwaukee DX Get-together has been held on the third Saturday in August in every year since 1994. The purpose from the beginning has been to promote camaraderie among all DXers and radio hobbyists - "making new friends and renewing old friendships." This is an all-band event and brings together a diverse group of hobbyists who have one thing in common - a love of radio. The 25th annual Madison-Milwaukee Get-together for DXers and Radio Enthusiasts will be held on Saturday August 18, 2018 from 1:00 to 9:30 PM CDT. (Come when you can, leave when you must.) This year's location is Madison, WI. Like two years ago the venue is beautiful and spacious Lake Farm County Park (4330 Libby Road Madison 53711). Join hosts are Mark Taylor and Bill Dvorak who would be very pleased if you joined them in celebration of the group's long history. Interested? For more information e-mail Mark at markopik@gmail.com or Bill at dxerak@gmail.com (please include "Madison DX Get-together" in the subject line). Participation by NASWA members is strong every year for this event, and this year should be no exception. Hosts Mark and Bill hope you can join them at this year's event! They look forward to seeing everybody on August 18th!

This month John Herkimer has prepared another interesting cover featuring the Far East Broadcasting Association (FEBA) that transmitted from Mahe in the Seychelles. This station was well heard around the world with their well-known interval signal, "Oh What a Friend we have in Jesus", and was an excellent verifier of listener reception reports. Although FEBA no longer broadcasts from the Seychelles, they do still utilize shortwave from various different transmitters around the world to reach their target audience. It just isn't the same as when they transmitted from their own facility in the Seychelles. Thanks to our publisher, Rich Cuff, we get to enjoy the cover in color this month.

Rich Cuff is still trying to get an accurate handle on how many Internet capable members we currently have in the club. If you have not provided Rich with your e-mail address, please take a few minutes to send him an e-mail with that important information. Thanks! Having an accurate e-mail database would enable the club to contact the membership quickly should another emergency situation arise. We know how many club members participate in the NASWA Yahoo Group, Facebook and weekly Flash-sheet, but we suspect there are many other Internet capable members out there. Please drop Rich an e-mail at [hq@naswa.net](mailto:hq@naswa.net) indicating your e-mail address. Thanks again!

As we have mentioned previously, 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). All membership business activities and publication activities are now from Allentown.

That's it for this month.



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## Unity and Friendship

# Publisher's Corner

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

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

Hello again from NASWA's new publishing headquarters in Allentown, Pennsylvania. We're now fully ported over to operating out of Allentown, and I *think* we have the kinks largely worked out after transitioning from Levittown.

I was contacted this past month by one member who had sent in a renewal right before Bill Oliver's passing; the check had been deposited, but Bill didn't get a chance to update the membership expiration date information for this member. I've now taken care of that. This might be a good time for everyone to check their address information on the back cover; we've added one month to everyone's membership (since we combined the May / June edition), and that new expiration date should be correct on your information; please advise via postal or electronic mail if this isn't the case. You can also let me know via the NASWA Facebook page.

Since we are now using a digital printing system for the Journal, we are now able to incorporate color covers every once in a while – and we decided the July *Journal* would be a great one to try out in color. John Herkimer creates our covers each month, and he deserves the credit for setting up this first color cover.

I was chatting with NASWA's QSL Editor, Sam Barto, the other day – and he tells me his mailbox is getting lonely, as members haven't been contributing QSLs at the same pace as years ago. Even if all you are receiving nowadays are "e-QSLs", please print them off and send them to Sam via postal mail; you can find his address on the back cover of the Journal. Or, forward them via e-mail to me at [hq@naswa.net](mailto:hq@naswa.net) and I will get them into the mail to Sam. QSLing is a

great tradition of the shortwave hobby, one that we want to keep on going. However we can only do that if folks send QSLs into Sam. If you send us originals, please include a self-addressed, stamped envelope if you want Sam to send them back to you.

As for new and renewing members since last month: Giovanni Serra of Italy has rejoined NASWA; I know I've seen Giovanni's name for years in hobby reports, and it's great to have him back with the club! We also received renewals this past month from Eugene Johnson, Stephen E. Foisey, Charles Lang, Stanley Cabral, and Kenneth Godfrey. Thanks to all who continue to support the club by being members!

A reminder – if you check e-mail on any sort of regular basis, please send us a note with your e-mail address. It's cheaper and quicker to send out renewal reminders that way, and we can also get in touch quickly if we encounter any problems with the mails.

Please note that membership dues are increasing by \$1 effective July 1<sup>st</sup>, to \$32 for USA residents, \$39 for our Canadian friends, and \$54 for overseas members. With our transition to a new printer, monthly printing costs have gone up a bit. One of Bill Oliver's great legacies was a very cost-effective printing contract, but that printer's ownership has changed, and was not very convenient for me here in Allentown.

I'd also like to remind everyone to contribute something to one (or more) of our fantastic column editors in addition to those QSLs you're sending over to Sam Barto. Are there online tools that you find very handy to augment your listening and DXing? Share 'em in a *Musing*. Is there a specific shortwave memory you hold dear? That, too, could easily go into a *Musing*. Get a new radio? We'd love to hear that, too! A *Musing* would be a great place to mention

that. Find a broadcaster on a changed schedule or frequency? Rich D'Angelo would certainly incorporate that within *Listener's Notebook*. Find an interesting article that mentions shortwave? Pass that article onto John Figliozzi for *Shortwave Center*. Were you lucky enough to catch a listen to a shortwave pirate? Send that information off to George Zeller. And, of course, loggings are always appreciated; you can send those off to Mark Taylor ([markokpik@gmail.com](mailto:markokpik@gmail.com)) for the weekly e-mailed Flashsheet, and you

can also copy Dave Turnick on those for the printed *Journal*. You could also post those to the NASWA Yahoo Group or Facebook group.

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), or write me at the Post Office Box address shown above.

See you in August!. Most folks should hopefully see the August *Journal* early the week of August 6<sup>th</sup>.

## Musings

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

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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 July 25, 2018.

**Dan Robinson, [dxace1@gmail.com](mailto:dxace1@gmail.com)**

Got the NASWA bulletin in the mail. Many thanks to all for the hard work getting this edition out with the great stories in it about Bill.

Please support *Musings* by contributing your thoughts. Thanks to our contributors. 73 de JAL 

### NASWA Flashsheet

Are you getting the latest hot information about what is happening on the shortwave bands? If you have not signed up for the club's electronic *Flashsheet* service, you are missing out on timely news and information about the DX scene that will enhance your shortwave listening pleasure. If you are a current member of the club and want to receive the electronic Flashsheet just drop Rich D'Angelo ([rdangelo3@aol.com](mailto:rdangelo3@aol.com)) a note with your e-mail address, location and membership expiration date from your mailing label. You can participate by sending your latest logs to the electronic *Flashsheet* edited by Mark Taylor, [markokpik@gmail.com](mailto:markokpik@gmail.com). The club's electronic *Flashsheet* helps members stay on top of the action with breaking shortwave news and information. The electronic newsletter is an excellent supplement to the monthly *Journal* for the timely dissemination of DX loggings and breaking news.

# Listening Review

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

Hello and welcome to Listening Review for this July edition of NASWA Journal.

Here is my updated list of music programs on Shortwave in English languages for the A-18 period to complement the list last time of programs in other languages. I have produced a consolidated list including programs in both English and non-English languages (plus a few entries - low power German and Australian stations - which I have edited out of this list for space reasons). The full 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	su	Mighty KBC	Radio, Not As We Know It 9925-nau (to Aug) 5960-nau (from Sep)
0000-0100	su	WBCQ	Radio Timtron Worldwide 5130
0000-0300	mo	WBCQ	R New York Int 5130 (every other week)
0000-0100	tu	WBCQ	From the Isle of Music 7490
0000-0100	daily	WRMI	Oldies (Bob Biermann) (alt prgm) 9455
0000-0100	mo	WRMI	Countdown2.Christmas R 5950 9395
0000-0100	tu,th,sa	WRMI	Oldies (Bob Biermann) 5950 9395 (th,sa: 0030-)
0000-0100	we	WRMI	Jazz From the Left 5950 7730 9395
0000-0100	fr	WRMI	VORW R Int 5950 7730 9935
0000-0030	su	WWCR	Talking Machine Show 7520
0000-0100	sa	WWCR	Last Radio Playing (Blues) 4840 (sa following 1st fr)
0015-0030	mo-sa	All India R GOS	Film music or duets; Indi-pop (var.) 6045 7550 9445 11645
0015-0025	su	V of Vietnam	Weekend Music 7315-hri
0030-0040	su	R Romania Int	su:All That Jazz; mo:Music Time; tu: Your Music 7375 9730 w,sa:Truly Romanian (Trad); th,f:Music Highlights (Classical)
0045-0057	sa	R Slovakia Int	Musical Crossroads 5850-rmi 7780-rmi
0100-0200	su	Mighty KBC	The Giant Jukebox 9925-nau (to Aug), 5960-nau (from Sep)
0100-0200	tu	RAE Argentina	Argentine Tango 5950-rmi 9395-rmi
0100-0200	we	RAE Argentina	Folklore 5950-rmi 9395-rmi
0100-0200	su	WBCQ	The Lumpy Gravy Radio Show 5130
0100-0200	mo	WBCQ	R New York Int 5130 (every other week)
0100-0200	su, mo	WRMI	Oldies (Bob Biermann) 5950 9395
0100-0200	th-tu	WRMI	Oldies (Bob Biermann) (alt prgm) 9455
0100-0130	mo	WRMI	Blues Radio International 9955
0100-0200	fr	WRMI	VORW R Int 5850 5950 7780
0100-0200	su	WTWW	Theater Organ From the Ozarks 5085
0100-0200	mo-sa	WTWW	Music Programme (irreg) 5085
0100-0130	su	WWCR	Musical Memories 3215
0100-0130	su	WWCR	Talking Machine Show 4840
0110-0200	sa	R NewZealand Int	Music 101 13840
0115-0125	su	V of Vietnam	Weekend Music 7315-hri
0130-0200	fr	WRMI	Blues Radio International 9955
0135-0157	mo	R Havana Cuba	From Havana (2-weekly) 6000 6165
0140-0157	su	R Havana Cuba	Music with a Message alt with The Jazz Place 6000 6165
0145-0200	su	WRMI	Mike's Gospel music 5850 5950 7780
0200-0300	su,mo	KBS World R	Weekend Playlist 2 9580
0200-0300	sa	R NewZealand Int	Music 101 13840
0200-0300	su (irr)	WBCQ	Lost Discs Radio Show 5130 (every 4-6 weeks)

0200-0300	mo	WBCQ	R New York Int 5130 (every other week)
0200-0300	th-tu	WRMI	Oldies (Bob Biermann) (alt prgm) 9455
0200-0600	dly (irr)	WTWW	Music Programme (irreg) 5085
0210-0227	su	R Tirana	Folk Traditional Music 9395-rmi
0215-0227	th	R Tirana	Hits Through the Years 9395-rmi
0215-0227	fr,sa	R Tirana	Music (modern) 9395-rmi (sa: 0220-)
0230-0300	mo	R Prague	Sunday Music Show 7780-rmi
0230-0300	daily	WRMI	Oldies (Bob Biermann) 9395
0235-0257	mo	R Havana Cuba	From Havana (2-weekly) 6000 6165
0240-0257	su	R Havana Cuba	Music with a Message alt with The Jazz Place 6000 6165
0300-0330	mo	R Prague	Sunday Music Show 9395-rmi 9955-rmi
0300-0400	su (irr)	WBCQ	Lost Discs Radio Show 5130 (every 4-6 weeks)
0300-0400	mo-fr	WRMI	Oldies (Bob Biermann) 5950
0300-0400	daily	WRMI	Oldies (Bob Biermann) (alt prgm) 9455
0300-0315	sa	WRMI	Mike's Gospel music 9955
0300-0400	dly (irr)	WTWW	Music Programme (irreg) 5085
0306-0400	su	BBC WS - ME	Global Beats (Monthly) 9410-sla 12095-sla
0330-0340	su	R Romania Int	su: All That Jazz; mo: Music Time 7375 9730 9740(drm)11825 tu: Your Music; w,sa Truly Romanian; th: Music Highlights
0330-0355	mo	R Taiwan Int	Jukebox Republic 15320
0330-0350	daily	V of Turkey	Music selection (varying time) 6165 9515
0330-0400	we	WRMI	Blues Radio International 9955
0335-0357	mo	R Havana Cuba	From Havana (2-weekly) 6000 6165
0335-0355	we	R Taiwan Int	Jade Bells and Bamboo Pipes 15320
0340-0357	su	R Havana Cuba	Music with a Message alt with The Jazz Place 6000 6165
0345-0357	sa	R Slovakia Int	Musical Crossroads 9395-rmi
0345-0400	sa	WRMI	Mike's Gospel music 5985
0400-0500	sa	R NewZealand Int	Music 101 13840
0400-0500	daily	WRMI	Oldies (Bob Biermann) 9395
0400-0500	fr	WRMI	VORW R Int 7730
0400-0500	dly (irr)	WTWW	Music Programme (irreg) 5085
0400-0430	mo	WWCR	Talking Machine Show 4840
0435-0457	mo	R Havana Cuba	From Havana (2-weekly) 6000 6165
0440-0457	su	R Havana Cuba	Music with a Message alt with The Jazz Place 6000 6165
0500-0530	mo-fr	V of Hope-Africa	Joyce Mwanza: Mx in the Morning 9680 11680
0500-0600	daily	WRMI	Oldies (Bob Biermann) 5950 9395
0500-0600	dly (irr)	WTWW	Music Programme (irreg) 5085
0500-0600	daily	WWCR	World Wide Country Radio 3215 4840(su, mo)
0510-0530	su	NHK R Japan	Up From the Underground (2rd sun) 5975-mos 9860-smg 11970-iss
0510-0530	sa	NHK R Japan	Hit Tunes(1st)/Musician Portraits(2nd) 5975-mos 9860-smg 11970-iss
0535-0557	mo	R Havana Cuba	From Havana (2-weekly) 5040 6000 6060 6100 6165
0540-0557	su	R Havana Cuba	Music with Message alt with Jazz Place 5040 6000 6060 6100 6165
0600-0700	mo-fr	V of Hope-Africa	Joyce Mwanza: Mx in the Morning 9680 11680 (exc m,w,f: 0630-0645)
0600-0700	su,tu-fr	WRMI	Oldies (Bob Biermann) 5950 9395
0600-0700	mo-fr	WWCR	Inspirations Across America 3215 (Gospel Rock)
0600-0700	sa	WWCR	Last Radio Playing (Blues) 3215
0600-0700	sa	WWCR	World Wide Country Radio 4840
0635-0657	mo	R Havana Cuba	From Havana (2-weekly) 6000 6060 6100 6165
0640-0657	su	R Havana Cuba	Music with a Message alt with The Jazz Place 6000 6060 6100 6165
0645-0655	th	R France Int	World Music Matters 11830-iss
0700-0800	su	China Tibet R	Holy Tibet:Mx Shangri La 4905 4920 6025 6110 6130 6200 9490 9580

0700-0800	mo-fr	V of Hope-Africa	Joyce Mwanza: Mx in the Morning	9680 11680	(except: 0730-0745)
0700-0800	daily	WRMI	Oldies (Bob Biermann)	5950 9395	
0700-0800	mo-fr	WWCR	Inspirations Across America	4840	(Gospel Rock)
0708-0800	sa	R NewZealand Int	Saturday Night with Paul Brennan	7425	
0800-0900	sa	IRRS	Radio City	9510-sof	
0800-0900	sa	R NewZealand Int	Saturday Night with Paul Brennan	7425	
0800-0900	daily	WRMI	Oldies (Bob Biermann)	9395	
0808-0900	su	R NewZealand Int	Sunday Night with Grant Walker	7425	
0810-0900	sa,su	KBS World R	Weekend Playlist 1 (Hour 1)	9770	
0810-0900	mo-fr	KBS World R	One Fine Day with Lena Park	9770	
0900-1000	sa,su	KBS World R	Weekend Playlist 1 (Hour 1-2)	9770	
0900-1000	mo-fr	KBS World R	One Fine Day with Lena Park	9770	
0900-1000	su	R NewZealand Int	Sunday Night with Grant Walker	7425	
0900-1000	sa	R NewZealand Int	Saturday Night with Paul Brennan	7425	
0900-1000	daily	WRMI	Oldies (Bob Biermann)	9395	
0905-0930	su	V of Mongolia	Sunday music programme	12085	
1000-1010	sa,su	KBS World R	Weekend Playlist 1 (Hour 2)	9770	
1000-1010	mo-fr	KBS World R	One Fine Day with Lena Park	9770	
1000-1100	sa	R NewZealand Int	Saturday Night with Paul Brennan	7425	
1000-1100	daily	WRMI	Oldies (Bob Biermann)	9395	
1000-1030	tu	WRMI	Blues Radio International	5950	
1000-1100	th	WRMI	VORW R Int	5950	
1000-1100	mo-fr	WWCR	Inspirations Across America	15795	(Gospel Rock)
1000-1030	sa	WWCR	Talking Machine Show	4840	
1010-1030	we	KBS World R	Sounds of Korea	9770	
1015-1030	fr-we	All India R GOS	Hindustani or Folk songs	7270 13605 13695 15410 15770	
			17895		
1015-1025	sa	V of Vietnam	Weekend Music	9840 12020	
1040-1055	sa-th	All India R GOS	Film music or Indi-pop	7270 13605 13695 15410 15770	
			17895		
1100-1200	sa	R NewZealand Int	Saturday Night with Paul Brennan	7425	
1100-1200	su-fr	WRMI	Oldies (Bob Biermann)	9395	
1105-1200	su	R NewZealand Int	Hymns on Sunday	7425	
1105-1200	sa	WWCR	World Wide Country Radio	4840	
1110-1130	su	NHK R Japan	Up From the Underground (2rd sun)	11695-sng	
1110-1130	sa	NHK R Japan	Japan Hit Tunes (1st sat) / Musician Portraits (2rd sat)	11695-sng	
1130-1159	su	IRRS	16 Gwendoline Street	9510-sof	
1130-1140	su	R Romania Int	su: All That Jazz; mo: Music Time	13750 15130 15320 17670	
			tu: Your Music; w,sa: Truly Romanian; th,f: Music Highlights		
1145-1155	sa	V of Vietnam	Weekend Music	9840 12020	
1200-1300	mo-sa	WRMI	Oldies (Bob Biermann)	9395	
1205-1230	daily	R NewZealand Int	Music after Midnight	7425	
1245-1255	sa	V of Vietnam	Weekend Music	9840 12020	
1300-1400	sa,su	KBS World R	Weekend Playlist 2	9570 15575	
1300-1400	sa	V of Hope-Africa	Pat Conrad: Jazz Session	9680 13680	
1300-1320	daily	V of Turkey	Music selection (varying time)	15450	
1300-1400	mo-sa	WRMI	Oldies (Bob Biermann)	9395	
1306-1400	su	BBC WS - sAS	Global Beats (Monthly)	11890-sla 12065sng	
1306-1400	sa	BBC WS - sAS	BBC Music on the WS	11890-sla 12065sng	
1345-1355	daily	All India R GOS	Light or film music & duets	9690 13695	
1345-1355	sa	V of Vietnam	Weekend Music	9840 12020	
1400-1500	sa,su	KBS World R	Weekend Playlist 1 (Hour 1)	9785	
1400-1500	daily	WRMI	Oldies (Bob Biermann)	5950	
1405-1500	mo	R NewZealand Int	Music with Cerys Matthews	5980	

1405-1500	daily	V of America	VOA1 - The Hits (irreg) 4930-bot 6080-bot 15580-bot
1410-1455	daily	All India R GOS	Film music & duets; Indi-pop (various times/days) 9690 13695
1410-1500	mo-fr	KBS World R	K-POP Connection 9785
1410-1430	su	NHK R Japan	Up From the Underground (2rd sun) 11705-hbs 11935-tac
1410-1430	sa	NHK R Japan	Japan Hit Tunes (1st)/Musician Portraits (2nd) 11705-hbs 11935-tac
1410-1500	daily	R Sult. Oman	Usually Western/English pops 15140
1430-1500	su,th,sa	R NewZealand Int	su: Music Feature; th: The Sampler; sa: Hymns on Sunday 5980
1500-1600	sa,su	KBS World R	Weekend Playlist 1 9515 (Hour 1); 9785 (Hour 2)
1500-1600	mo-fr	KBS World R	K-POP Connection 9515 9785
1500-1600	sa	Mighty KBC	The Giant Jukebox 9400-sof
1500-1600	su	SpaceLine	From the Isle of Music 9400-sof
1500-1600	sa	V of Hope-Africa	Pat Conrad: Jazz Session 9680 13680
1500-1530	sa	V of Hope-KVOH	Music in the Morning 17775
1500-1600	su-th	WRMI	Oldies (Bob Biermann) 5950
1500-1600	su	WWCR	Nashville Cowboy Church 12160
1505-1600	sa,su	V of America	Music Time in Africa 4930-bot 6080-bot 15580-bot 17530-bot
1505-1600	mo-fr	V of America	Border Crossings 4930-bot 6080-bot 15580-bot 17530-bot
1515-1525	sa	V of Vietnam	Weekend Music 9840 12020
1535-1600	su	V of Mongolia	Sunday music programme 12015
1545-1557	fr	R Slovakia Int	Musical Crossroads 6005-klI
1600-1700	su	China Tibet R	Holy Tibet: Mx Shangri La 4905 4920 6025 6110 6130 6200 7255 7385
1600-1700	sa,su	KBS World R	Weekend Playlist 1 (Hour 2) 9515
1600-1700	sa,su	KBS World R	Weekend Playlist 2 9640 9785
1600-1700	mo-fr	KBS World R	K-POP Connection 9515 9785
1600-1630	mo-fr	V of Hope-Africa	Lombe Machilika: Mx in the Evening 4965 6065
1600-1700	sa	V of Hope-Africa	Song in the Night 9680 13680
1600-1700	tu-su	WRMI	Oldies (Bob Biermann) 5950
1615-1625	sa	V of Vietnam	Weekend Music 7220 7280 9730
1630-1655	su	R Taiwan Int	Jukebox Republic 9405
1630-1650	sa,su	V of America	Nightline Africa - Music from Af 4930-bot 6080-sao 15580-bot
1630-1700	sa	WWCR	Musical Memories 12160
1635-1655	tu	R Taiwan Int	Jade Bells and Bamboo Pipes 9405
1700-1800	mo-fr	V of Hope-Africa	Lombe Machilika: Mx in the Evening 4965 6065 (except 1730-1745)
1700-1800	sa	V of Hope-KVOH	Song in the Night 17775
1700-1720	daily	V of Turkey	Music selection (varying time) 15520
1700-1800	m,tu,th,f		WRMI Oldies (Bob Biermann) 5950
1700-1800	su	WWCR	Inspirations Across America 12160 (Gospel Rock)
1700-1730	sa	WWCR	Talking Machine Show 12160
1705-1747	su	R NewZealand Int	Hymns on Sunday 6115(drm)
1730-1740	su	R Romania Int	sa: All That Jazz; su: Music Time; 9760(drm) 11810 mo: Your Music; tu,f: Truly Romanian; w,th: Music Highlights
1745-1800	daily	All India R GOS	Devotional Music 7550 9445 9910 11935 13695
1800-1900	fr	IRRS	Radio City (3rd Fri) 7290-sof (or irreg: 2nd/4th fri)
1800-1900	daily	R Kuwait	Mix of talk and western mx 15540(drm) (irreg)
1800-1900	mo-fr	V of Hope-Africa	Lombe Machilika: Mx in the Evening 4965 6065 (except 1830-1845)
1800-1900	daily	WRMI	Oldies (Bob Biermann) 5950 (su: 1830-)
1800-1900	sa	WTWW	Theater Organ From the Ozarks 9930
1800-1830	su	WWCR	Musical Memories 12160
1800-1900	sa	WWCR	World Wide Country Radio 12160
1815-1830	fr-we	All India R GOS	Hindustani classical or light music 7550 9445 9910 11935 13695
1825-1900	daily	Bangladesh Betar	Local & western mx (varying time) 13580
1830-1850	sa,su	V of America	Nightline Africa - Music from Af 4930-bot 6080-sao 15580-bot
1900-2000	daily	R Kuwait	Mix of talk and western mx 15540(drm) (irreg)
1900-2000	daily	WRMI	Oldies (Bob Biermann) 5950

1900-2000	sa	WWCR	Last Radio Playing (Blues) 12160
1915-1927	fr	R Slovakia Int	Musical Crossroads 3985-kll
1915-1925	sa	V of Vietnam	Weekend Music 7280 9730
1920-1945	su-fr	All India R GOS	Film music or duets; Indi-pop 7550 9445 9910 11935 13695
1935-1957	su	R Havana Cuba	From Havana (2-weekly) 15140
1940-1957	sa	R Havana Cuba	Music with a Message alt with The Jazz Place 15140
2000-2100	daily	R Kuwait	Mix of talk and western mx 15540(drm) (irreg)
2000-2100	sa,su	V of America	MusicTime in Africa 4930-bot 4960-sao(2030-) 6195-bot 15580-bot
2000-2100	mo-fr	V of America	African Beat 4930-bot 6195-bot 15580-bot
2000-2100	su	WRMI	VORW R Int 9395
2000-2100	th	WRMI	VORW R Int 5950 7780
2000-2100	sa	WRMI	Oldies (Bob Biermann) 9395
2000-2100	mo	WWCR	Inspirations Across America 9350 (Gospel Rock)
2045-2055	sa	V of Vietnam	Weekend Music 7220
2050-2100	daily	All India R GOS	Hindustani light or Regional/folk song 7550 9445 9910 11620 11740
2100-2120	daily	V of Turkey	Music selection (varying time) 9620
2100-2200	su	WBCQ	Marion's Attic 7490
2100-2200	th	WBCQ	VORW R Int 7490
2100-2200	fr	WBCQ	Behaviour Night 7490
2100-2200	sa	WBCQ	Radio New Music 7490
2100-2200	su	WRMI	VORW R Int 5950 7780
2100-2200	daily	WRMI	Oldies (Bob Biermann) 5950 9395 (sa,su: -2130)
2100-2200	fr	WRMI	Space Phono 9955
2105-2200	sa-th	V of America	VOA1: su: Country Hits USA; mo: Soul Lounge 6195-bot 15580-bot tu,w,sa: The Hits; th: Top 20 countdown
2105-2200	fr	V of America	Music Time in Africa 6195-bot 15580-bot
2110-2200	daily	All India R GOS	Hindustani classical mxmusic (var.) 7550 9445 9910 11620 11740
2130-2200	we	WBCQ	Goddess Irena 1 Music Show 7490
2145-2155	sa	V of Vietnam	Weekend Music 7280 9730
2200-2300	sa,su	KBS World R	Weekend Playlist 2 11810
2200-2230	su	WBCQ	Uncle Bill's Melting Pot 7490
2200-2300	sa-th	WRMI	Oldies (Bob Biermann) 7780 9395
2200-2300	th	WRMI	VORW R Int 5950 9955
2230-2240	su	R Romania Int	sa: All That Jazz; su: Music Time 7315 7325 9760 9790 mo: Your Music; tu,f: Truly Romanian; w,th: Music Highlights
2230-2250	daily	V of Turkey	Music selection (varying time) 9830
2245-2300	daily	All India R GOS	Devotional Music 6045 7550 9445 11645
2300-2400	su	WBCQ	Grits Radio 5130
2300-2400	sa	WBCQ	Radio Timtron Worldwide 5130
2300-2400	mo	WWCR	World Wide Country Radio 9350
2300-2400	fr	WWCR	Last Radio Playing (Blues) 9350
2306-2400	we	BBC WS - eAS	Global Beats (Monthly) 3915-sng 6195-sng 7305sla 9740-sng
2315-2330	daily	All India R GOS	Hindustani light or Regional/folk song 6045 7550 9445 11645
2315-2327	fr	R Tirana	Music (modern) 5850-rmi
2335-2357	su	R Havana Cuba	From Havana (2-weekly) 5040 11880
2340-2357	sa	R Havana Cuba	Music with a Message alt with The Jazz Place 5040 11880
2345-2355	sa	V of Vietnam	Weekend Music 9840 12020
2350-2400	daily	All India R GOS	Film music or duets; Indi-pop (var) 6045 7550 9445 11645

As always, I appreciate any updates, corrections or suggestions for these lists.

Are you a regular listener to any of these programs? If so, please do write and let us know which ones you listen to and why.

Until next time, 73's Alan



# International Broadcasting

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## You can receive DRM. Really.

It was around the turn of the century (20th to 21st) that Digital Radio Mondiale (DRM) emerged as the way forward for shortwave (and medium wave and longwave). I remember organizing DRM reception and decoding events for the Winter SWL Fest, starting in 2004. DRM-capable receivers were rare then, as now. Our flagship receiver for the 2004 Fest was an AOR 7030 modified to contain the IF output necessary for DRM reception.

But that was just the beginning of the chain. That IF had to be ported into a PC with sufficient processing power (not ubiquitous back then) to decode DRM. Also required was a second sound card, a display big enough so that everyone could see the waterfall and other indicators, and, of course, speakers.

And because DRM needs a big signal, I had to climb to the roof of the Inn at Towemencin to help Ed Mauger set up a very long wire antenna.

It worked. Some of the time. It helped that in 2004 there were DRM-capable shortwave broadcast transmitters in the Western Hemisphere: Sackville, Bonaire, Montsinéry.

The AOR 7030 was sent to us from the UK for evaluation, so no duty had to be paid. We (the North American DRM association) decided we wanted to buy the 7030 for more tests. So I drove to the U.S. Customs office near Dulles Airport near Washington to find out what we would owe for duty. The officer there demanded my ID and otherwise was menacing. I thought I was going to be arrested for attempting to import a DRM-capable shortwave receiver into the United States. I showed him my Voice of America (agency of the U.S. government) ID, and

he backed off somewhat. Still, I decided to avoid the minefield and just send the radio back to the UK.

## But I digress...

Fast forward to 2018 and DRM capable shortwave radios are still rare as yellow-bellied sapsuckers. But there is hope in the form of the new crop of software defined receivers (SDRs), some of which are not very expensive. And even if you don't have your own SDR, you have access to SDRs all over the world by way of the wonderful fleet of KiwiSDR receivers that can be accessed via <https://sdr.hu>. With the help of software, you can decode DRM broadcasts.

It does require a few technical steps. First, you need to download the Dream 2.1.1 DRM decoder from [sourceforge.net/projects/drm/](https://sourceforge.net/projects/drm/). In the same folder where you unpack those files, you also need to add `faad2_drm.dll`. Finding that one takes some searching. Try [bit.ly/2N4IPLx](https://bit.ly/2N4IPLx).

Instructions for making the Dream software work with the KiwiSDRs at [sdr.hu](https://sdr.hu) are available at [hobbyradio.se/en/drm/kiwisdr.html](https://hobbyradio.se/en/drm/kiwisdr.html). The gist is that you select the IQ mode on the KiwiSDR. In Dream, adjust the settings so the Sound Card > Signal Input > Channel is I/Q Pos Split.

You will need a second sound card. Otherwise, you will hear the DRM hash and the DRM audio output through the same speaker, which is not a pleasant experience. Fortunately, outboard USB sound cards are not expensive. I use a StarTech ICUSBAU-DIO7D, which is also handy for laptops without a separate mic jack. In Dream: Settings > Sound > Audio Output - select the sound card to which your speaker or earphones is connected.

## Where are the DRM broadcasts?

To find a schedule of DRM broadcasts now available, visit <http://www.drm.org/what-can-i-hear/broadcast-schedule-2/>. That page has DRM.org's own schedule and the HFCC DRM schedule. Combined, these schedules are somewhat accurate. Select a KiwiSDR that might be able to receive a DRM transmission at any given time. You will probably need to try more than one.

The major DRM players these days are Radio Kuwait and Radio Romania International. For the most part, you will hear these via receivers in Europe, but occasionally they cross the Atlantic and can be decoded here in North America.

The BBC DRM transmission daily at 0500-0600 UTC on 3955 kHz is also interesting because it includes Journaline® text. Allow a few minutes for the text to populate. There will be links to European news and Asian news. Then click on the individual news items. Unfortunately, the detail is limited to one sentence each. It's the same as you can find at [feeds.bbc.co.uk/news/world/europe/rss.xml](http://feeds.bbc.co.uk/news/world/europe/rss.xml) and [feeds.bbc.co.uk/news/world/asia/rss.xml](http://feeds.bbc.co.uk/news/world/asia/rss.xml).

## WINB DRM

A new entry to DRM shortwave broadcasting is WINB in Pennsylvania – a station that has been around since the early 1960s. Their new transmitter has been testing DRM on 15670 kHz from 1100 to 1700 UTC. I am hearing this with good signals using receivers in Europe, but the DRM audio decodes only occasionally, and only for a few seconds at a time. Longer stretches of audio are sometimes decoded on some of the US KiwiSDRs.

The interesting thing about the WINB DRM signal that it is not audio across the entire 10-kHz swath, as with all the other DRM signals I have seen and (sometimes) heard. On the spectrum, the upper 5 kHz of the WINB signal is the usual DRM audio.

The lower 5 kHz is some sort of data which can be seen as vertical lines. I don't know what it is. The German company RFmondial has a DRM content server that supports "broadcaster specific data services." One is tempted to conclude that it might have something to do with the high-frequency trading information transmitted by high-frequency (shortwave) radio that has been in the news recently.

## Does DRM work?

It is fun to listen to shortwave broadcasts with fidelity that we are not used to on shortwave (or any AM radio), and without fading and background noise. But the amazing thing about DRM is how often it does not work. Very often, I hear big DRM signals that fail to decode, or drop out so often that listening is not worth the effort.

I could dismiss DRM as a failure, but it is possible that decoding on standalone DRM receivers might work better than with the free Dream software. It might be that the best software is reserved for the receiver manufacturers who have paid license fees to the DRM consortium.

Nevertheless, with those big signals on which DRM fails, the Shortwave Radiogram concept of text and images via analog radio would thrive. Text could be transmitted and decoded at 480 words per minute at least, and maybe up to 3000 wpm. Images would be crisp.

It would be great to have shortwave broadcast transmitters allowing side-by-side comparisons of DRM, text and images via analog radio (the Shortwave Radiogram concept), and any other new solutions that might come along. My white lab coat is dry cleaned and ready for experimentation.

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# Shortwave Center

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*As I put this together here in my little 8'x8' home office, the weather forecast is for 8 straight days of off the charts hot and humid. Even though its summer with all the static crashes and less than ideal seasonal propagation, I suspect I'll be spending some quality time with the radio until it is safe to go outside again. Hope your summer is going well too. We start with a review from the British DX Club about one of those newfangled software defined radios...*

## SW RECEIVER REVIEW

### SDR Review: Airspy HF+

By Damien Read

(British DX Club)

No doubt by now you may have heard or read references to the Airspy HF+. It's true that there are many other SDR (software-defined radio) units on the market, in fact Airspy also produce two other SDR units, so it was a bit of a surprise when Airspy started making big claims about their latest SDR unit - the Airspy HF+.

I guess when any manufacturer states "A paradigm shift in high performance HF radio design" you will naturally sit up and pay attention. So, in a nutshell, the Airspy HF+ has improved architecture, in what is claimed will bring top performance reception at a very affordable price.

Without going all "hi-fi serious" about technical specs, the result is improved signal handling and better dynamic range, as the HF+ uses a 18 Bit chip that is scaled down to 16 Bit for USB operation. If you enjoy the technical side, take a visit to <https://airspy.com/airspy-hf-plus> where there is plenty of information.

In order to operate the HF+ you will need a PC; the good news is the HF+ runs on lots of different operating systems, Windows 7,8,10, Linux, OSX, and if you a running Window based you can get away with an old 1GHz

with 1Gb of Ram, it's harder to find a PC not able to run the HF+ with such a small powered PC needed.

On top of this, you get really spoiled by the amount of SDR software that will drive the HF+ for reception, naturally Airspy offers its own software SDR#, I would recommend SDR# for starters, as it's easy to navigate, and less of a steep learning curve. The HF+ is also supported by the superb SDR Console and HSDR, also the HF+ is plug and play and doesn't require any PC drivers, it is just a case of selecting the HF+ in whatever software you like in an option menu. As long as you have a USB socket, you are good to



go. Honestly the HF+ is so small, about the size of a credit card, and roughly as thick as a box of matches.

Naturally the HF+ covers all reception modes AM, LSB, USB, FM, etc. In terms of bandwidth coverage, the HF+ can record up 600kHz, which by modern standards is pretty small. I believe that by reducing the bandwidth this allows the HF+ to offer such good technical specs. Frequency coverage is 9kHz to 31MHz (HF) and 60MHz to 260MHz (VHF), both HF and VHF have their own independent antenna sockets.

The moment of truth ... What is the HF+ like reception wise? It's good, very good. Over the past weeks I have compared and run in parallel the HF+ with my other SDR, the Winradio G31DCC, and in most instances, the HF+ matched the G31DCC. The only noticeable failing seem to be apparent as you started getting below 800kHz down to LW. When listening to 648kHz Radio Caroline on my G31DCC the signal is weak, but loud enough to be heard, and no issues with ID's. When I tried the HF+, it simply wasn't there. It's really noticeable on LW, sure you can still hear the big signals, but everything is so attenuated.

I have to say the HF+ noise is not as quiet as my G31DCC, this is probably because you have to run the HF+ off your PC power supply via USB. I power my Winradio G31DCC these days via a 12Volt Car Battery, the drop-in noise is from running off mains is big. A noticeable -20db! Of course, this depends on your QTH.

I also tried different antennas, Wellbrook ALA100, Cross Country Inverted U, and both together with a Quantum Antenna Phaser unit, certainly no overload issues at my end. This brings me back to my only minor disappointment, the 600kHz worth of bandwidth. If only they had extended it up to 1500kHz, then you could capture all the

MW overnight using DCC recording. There are plenty of ways and different software plug-ins, for the replay of data files.

With VHF covering so many different modes types of transmission, I thought I should stick to Band 2 87.5MHz to 108MHz. I am happy to report that the HF+ is sensitive straight out of the box. I am unable to test the HF+ for overload since I have moved away from any local FM TXs.

Although I no longer own an Elad FDM-S2, I still have a record of the fringe reception stations. 106.9MHz Silk FM from Macclesfield is about 60 miles away and is a 300w TX, I can pull this in, no problem with the HF+, and all the usual other fringe stations, having adjustable bandwidth, variable noise filtering, simply makes for an excellent Band 2 receiver. I also tried the HF+ with my TGN preamp, and it didn't seem to make any difference, this shows that the HF+ is very sensitive, I used a Blake FM8 on a rotator for the tests.

In terms of reading RDS data, I found SDR# not to be that good, unless the signal was strong, it struggled. I saw an improvement on the RDS data when using SDR Console V3 (below), and also in audio terms, this



is down to the software. SDR Console is an amazing software package, however it has a steep learning curve, and offers an amazing arrange of tools, which is why I originally suggested starting with Airspy's SDR# software. I would imagine that it would be better again using RDS Spy Plug-in. Again, with only 600kHz you can forget any DCC

recordings, however if you are not bothered, and prefer to listen like a tradition FM tuner, you have an amazing DX machine, that is small and portable. Another reason to be disappointed with the bandwidth is that the HF+ can actually cover and receive DAB signals, but sadly you need around 1500MHz bandwidth to decode DAB signals, such a shame.

One of the early issues I had with the HF+ was the inability to upgrade the unit's firmware. Thankfully after following online instructions that are provided with the firmware, it was a case of opening up the HF+ and shorting 2 very small contact points for a second, so small I had to use tweezers! All went well, and the new firmware works, it's worth pointing out, that this only needs to be done once, so you are ready for any other firmware upgrades and if you are not up to the task you should be able to return it back, if you are thinking of purchasing, ask the supplier to do it for you, and save yourself a job.

Another interesting development on the HF+ was its LW and MW sensitivity, when it was first released, MW DXers were mentioning that the further down the MW band and when you move into LW there was a dip in sensitivity. This is referred to as the "R3" mod, and simply involves soldering a bypass pin on the HF+ board where it's marked "R3". I haven't undertaken this, as being that the HF+ circuit board is tiny, I don't have the eye sight, or the experience to work on small boards, the job is a simple one, so I am going to get a man who can.

Is the "R3 mod needed? In stock form on MW, I could only detect a difference below 800kHz. It's worth pointing out that if you

## SHORTWAVE HISTORY

### Adrian Peterson's Diary

# The Northern Quebec Shortwave Service from RCI Shortwave in Sackville

It was in the Summer of the year 1923 that the Westinghouse radio complex in Pitts-

don't have a low noise floor to start with, and most UK DXers suffer with QRM, these differences won't always be apparent, especially if you're using a Wellbrook antenna with a preamp.

Bjarne Melde, who runs the Arctic DX Blog, has been testing various receivers over the years; he lives near the Arctic Circle and is able to test receivers' sensitivity due to having such a low noise floor. In his tests the HF+ at 1000kHz is -95db, with the R3 mod is drops to an excellent -110db. To put this in comparison to other receivers, the AOR 7030+ is -106db, Winradio G31DCC SDR -107db, Perseus SDR -103db, the best in SDR terms is the RF Cloud IQ at -111db, and the crown is held by a non SDR unit the classic R 390A at -116db. Although this makes good reading, it's enough to cement in my mind the HF+ is very capable, even though most can only dream of Bjarne's low noise floor.

The Airspy HF + retails for £229.99 and in performance terms is quite outstanding. Yes, I would like more bandwidth, but if this is your first SDR and you have decided to make the jump from a traditional receiver, then this is a bargain. There are plenty of other SDR units on the market, and they may offer larger amounts of bandwidth, but in RF terms and around the £200 mark, the HF+ is way ahead for digging the signals out and not suffering from overload.

The HF+ gives you more flexibility than an AOR 7030. It's also portable, so you could take it with a laptop or notebook on holiday and DX with a choice of different software packages. I highly recommend the Airspy HF+ but, be warned, you may never go back to a standard receiver again.

burgh, Pennsylvania launched its earliest programming that was beamed on shortwave to the frigid areas of the far north in Canada. This early programming grew into what became the KDKA-8XS Far Northern Service, and it was on the air from 1923 to 1940, a total of 18 years.

Out of the KDKA-8XS Far Northern Service grew the equally famous Canadian Northern Messenger Service, a program that was originally produced by CRBC, the Canadian Radio Broadcasting Commission, in its Toronto studios at mediumwave **CRCT** in 1933. This radio program, the **Canadian Northern Messenger**, was taken over by **CBC**, the Canadian Broadcasting Corporation, nearly four years later towards the end of the year 1936.

However, radio coverage of the far northern areas of Arctic Canada grew from this single weekly program on mediumwave and shortwave into a multi-station network of programming services, again on mediumwave and shortwave.

Back in 1938, **CBC** established a 50 kW mediumwave station, **CBA**, on the edge of the huge Tantramar Marshes near Sackville in the province of New Brunswick. The Tantramar Marshes, one of the largest tidal salt water marshes in the world, cover an area of nearly 80 square miles. They are located on the edge of the Bay of Fundy, which claims the highest tidal movement in the world, a rise and fall of 55 feet twice each day. The maximum tidal rise there of 71 feet occurred in 1869.

At the same location, they later installed an RCA 50 kW shortwave unit, and the first test broadcast on shortwave took place on December 16, 1944. A few days later, on Christmas Day, **CBC** made a special broadcast for the benefit of Canadian personnel on duty in Great Britain and continental Europe. A second shortwave transmitter was then added, and a regular daily international shortwave service via the two RCA 50 kW transmitters began exactly two months later, on February 25, 1945.

A year or two later again, **CBC** began special programming that was beamed to the frozen

north, and the two shortwave transmitters carried the same programming in parallel on 6090 and 9620 kHz. At this stage, the northern programming was presented under the title **CBC North West & Arctic Settlements**. During the winter, the **Northern Messenger** program was included in this shortwave scheduling.

In 1958, the **CBC** announced plans to install a 50 kW shortwave transmitter in Vancouver, British Columbia, for coverage into the western areas of the Canadian Arctic, that is, the Yukon and the North West Territories. However, that project was never implemented, and instead the **CBC** augmented its daily Northern Service on shortwave from RCI Sackville and gave it a new name, the **CBC Northern Canada Service**.

At this stage, the **CBC** also took over a small community medium wave station in Yellowknife, station **CFYK** on 1450 kHz, which had been established by the Royal Canadian Signal Corps in 1948.

Nearly 40 years later, the Northern Canada Service became the **Northern Quebec Shortwave Service**, though it was still on the air from the same transmitter site at Sackville. However, over the intervening years, the older 50 kW transmitters (by this time now three RCA units on air) were retired in favor of newer transmitters rated at 100 kW and ultimately 250 kW.

In the 1960s, a total of eight northern medium wave transmitters were carrying a relay of the **CBC** northern service, generally as an off-air relay from shortwave RCI Sackville. In 1968, the **CBA** mediumwave transmitter and one 460 foot high antenna tower were removed from the Sackville shortwave station and re-installed near Moncton, New Brunswick, on Dover Road at Fox Creek.

During the 1970s, the specialized program service, the **Northern Messenger**, was phased out as no longer being necessary, due to other more modern forms of communication, though the Northern Quebec Shortwave Service itself continued as usual.

The international shortwave service from CBC-RCI Sackville, with its official call sign CKCX, ended on June 23, 2012; though the **Northern Quebec Shortwave Service** was continued for several more months, coming to a final end on November 30 in the same year, 2012. The northern Canadian programming was now available via satellite, and a total of five new low power FM relay transmitters took over this programming for the benefit of small local communities.

For much of the lifetime of the Canadian Broadcasting Corporation's northern programming, **CBC** issued a special QSL card for the verification of their shortwave programming from Sackville. At least half a dozen of these very attractive QSL cards are known over the years.

Interestingly, after the CBC-RCI shortwave station at Sackville was closed, the entire property was sold off. In February 2017, a

## SW NEWS

# China takes up Australia's former radio space in Pacific

1:21 pm on 21 June 2018

RNZ Pacific

<https://www.radionz.co.nz/international/pacific-news/>

China has taken over many of the Australian Broadcasting Corporation's former shortwave radio frequencies into the Pacific.

In response to budget cuts, the ABC last year ceased shortwave broadcasting in the Asia-Pacific region ahead of a switch to FM transmission.

Australia-based technology observer Peter Marks told Radio ABC's Tech Headprogramme that since that withdrawal, the space was swiftly being filled.

"Since Radio Australia has dropped off shortwave, many of the exact frequencies

First Nations group, MTI, bought the entire property, including the 2-1/2 story building with its bevy of transmitters and additional electronic equipment.

Included in the sale, was the on-site original RCA transmitter from 1944, Model MI733A, no longer in working condition, but preserved as a museum piece. In an endeavor to save this historic transmitter from destruction and sale as metallic scrap, MTI offered it to any interested buyers for \$5,000.

And just a couple of months ago, in February this year, William Steele purchased the historic old unit and announced plans to install it as a museum piece in an old and equally historic prison that he procured a few years ago. The prison is located in nearby Dorchester, New Brunswick. The building is now in use as a guest house, and the old transmitter will occupy pride of place in a former prisoner cell.

we used to use have been now taken over by Chinese stations targeting the Asia Pacific region," he explained.

"Now, shortwave bounces off the upper atmosphere, so a single shortwave transmitter can be heard over thousands of kilometers. It works particularly well over the many islands throughout the Pacific region."

The revelation that the frequencies have been snapped up comes at a time of heightened speculation in Australian media and commentariat about the motives behind China's growing influence in the Pacific.

"There's obviously a bit of interest there... the fact that China has been ramping up while we've been pulling back," Mr. Marks said.

"I should say that Radio New Zealand International (now known as RNZ Pacific) does a

terrific job in the Pacific. They're up there every day and they're managing to run it. It just seems odd that Australia wouldn't be doing it."

The withdrawal of ABC's shortwave presence in the Pacific is part of an ongoing Australian government review of the country's media services in the wider region.

## Push to fire up Radio Australia in the Pacific

1:32 pm on 29 June 2018

RNZ Pacific

<https://www.radionz.co.nz/international/pacific-news/>

Supporters of RA in Australia hope people around the Pacific will join them in sending submissions to inquiries underway in Canberra.

It comes after savage cuts at RA that included shutting down shortwave transmission, which is seen as a critical service in many parts of the Pacific, particularly during natural disasters.

It has recently been reported that those transmission frequencies have been taken over by China Radio International.

Former RA journalist Sean Dorney said the group, of which he's part, is trying to convince the Australian government to get back into that space.

"So there is a bit of concern in Canberra about this and I suppose the group that I'm part of are trying to convince the Australian government that it's time to re-focus our attention on the broadcast to the region."

*[Ed. Note: We intentionally used the RNZI reports on this subject in a small effort to shame the Australian government and ABC (mis)management into rethinking its idiotic shutdown of RA's shortwave service. I mean, little tiny New Zealand has a bigger and louder presence in the Pacific than the world's sixth continent.]*

## From the BBC World Service

'A genius on air' - tribute to Saturday Special legend Paddy Feeny (1931-2018)

Paddy Feeny, the legendary voice of "Saturday Special" (now Sportsworld) for 36 years has sadly passed away aged 87 after a short illness. Paddy hosted the show from 1959 until his retirement back in 1995. BBC correspondent Mike Costello was a colleague

of his, and remembers him with admiration as a genius, pioneer and meticulous professional.

<https://www.bbc.co.uk/programmes/p069rvkw>

FUTURE OF SW?

## Is Broadcast Radio Doomed?

With the BBC predicting an "Internet-only world" at some point in the future, where does broadcast radio fit in?

By James Careless

April 11, 2016

LONDON — Conventional radio and television broadcasting are doomed, eventually. Or so one might reasonably assume from reading "British, Bold, Creative," the BBC's broadcast charter proposal for the next decade of its mandate. The BBC's 10-year broadcast charter is up for renewal in 2016.

The proposal is the Beeb's funding pitch to Parliament.

To be sure, the BBC didn't use the word doomed, or put a timetable on it. However, over the next 10 years, "We will be moving to an Internet-fit BBC, to be ready for an Internet-only world whenever it comes," states the BBC proposal. The only limiting factor will be to "move at the pace of our audiences"; ensuring that older subscribers have access to content on radio and TV as long as they need it.

Subsequent to issuing this proposal, the BBC announced that it is reorganizing its internal divisions along content rather than platform lines. For instance, "Each overarching division would have subsidiary divisions such as BBC Youth, a mooted subdivision of BBC Entertainment, which would include the online channel BBC Three, and pop music station Radio 1," reported The Telegraph newspaper.

Having a respected broadcast institution like the BBC speak of an "Internet-only world" as a certainty is enough to give radio broadcasters pause. Is their over-the-air transmission medium doomed? To find out, and to put the shifting relationship between radio broadcasting and the Web/mobile into context, we spoke with the BBC, Australia's ABC Radio, the national U.K. DAB station Fun Kids, and Finland's Nelonen Media; maker of the Supla radio/audio streaming app.

## A Multiplatform Landscape

The BBC currently reaches big audiences via over-the-air radio broadcasting. For instance, "BBC Radio 1 has a reach of 11.36 million listeners a week and we reach 40 percent of 15- to 24-year olds in the U.K.," said Rhys Hughes, Radio 1 and 1Xtra's head of Programs. That said, Radio 1's YouTube channel receives an average of 1.25 million views a day, while Radio 1's online iPlayer channel receives over 1.4 million requests per month. So when it comes to overall reach, Web/mobile is a big part of Radio 1's distribution strategy — and growing in significance.

"FM and DAB are still very important — around 65 percent of Radio 1's listening is on FM — but there is no question that the Web is an increasingly important tool for distributing our content," Davies said. "The phrase we use is 'you have to fish where the fish are' and young audiences are online, so we are too," he added. "Whether it's YouTube, streaming services like Spotify, or social media, Radio 1 has a presence. The mantra is 'Right Content, Right Platform, Right Time.'"

Australia's ABC Radio also sees a growing role for Web/mobile distribution; even beyond its launching of the Internet-only service ABC Classic 2 (which features 100 percent Australian classical artists and performers). "As well as linear and digital platforms, all national, digital, online and capital city stations are streamed via radio. abc.net.au and via the ABC Radio app, which offers a range of user options including the ability to share on Facebook, Twitter or via email," said Linda Bracken, ABC Radio's head of Content & Digital Strategy. "The app includes a voiceover element developed in consultation with Vision Australia and ensures best practice accessibility for people without sight. There are also individual apps for youth networks triple j and triple j unearthed."

Clearly, both the BBC and ABC have embraced the Internet in all its forms as a distribution platform of growing importance. But despite the BBC's broadcast charter proposal predicting an "Internet-only world," neither broadcaster is buying flowers for broadcast radio's grave quite yet.

A case in point: Although Davies expects BBC's audience ratio (between broadcasting and streaming) to be "approaching 50/50" in five years' time, "conventional broadcasting is not doomed," he declared. "People said radio was over with the birth of television, but radio has remained a vital medium. The change has been that you cannot just provide a linear radio station, you need a visual strategy and a social media strategy; like Radio 1's 'Listen, Watch, Share.'"

## Maybe Not As Doomed

ABC Radio's Linda Bracken is similarly skeptical about radio's projected demise. "The tyranny of distance in Australia means that an AM transmitter has the capability to stretch thousands of kilometers across remote terrain, so we still see conventional broadcasting as a very important part of our strategy," she said. "A real strength of the ABC local radio network is in providing emergency broadcasting. In times of bushfire or floods, traditional broadcasting is still very important."

At the same time, Bracken echoes Davies' warning that "business as usual" for broadcast radio is no longer adequate. "Now we take a holistic multiplatform approach," she explained. "You can listen to the live radio coverage and get updates on our Websites and on social media from both our local stations and also the emergency services."


Fun Kids' Station Manager Matt Deegan also believes in the importance of terrestrial broadcasting; in this case via DAB, because Fun Kids has never been on either AM/MW or FM. "I am consistently shocked how low our Internet listening is. We think it's well below 10 percent of our total," Deegan said. "We are in a great market — there aren't loads of radio stations for kids — we're on all of the aggregators, and we're in the successful UK Radio Player. But there is absolutely no way we could run the station with this level of content, relying on our Internet listening alone."

Even Johannes Saukko, Nelonen Media's digital manager (radio), says that broadcast radio will still play a role in the years to

come; despite the Supla app maker's belief that "the future of radio is in portable [smartphone] or wearable devices and in connected cars." Even with this march away from broadcasting, "traditional FM radio in 2021 will still be bigger [than streaming] in terms of reach; especially among the older demographics," Saukko said.

In the current transitional environment, it is impossible to see just where broadcast radio will be in 10 and 20 years' time. The BBC's prediction of an inevitable "Internet-only world" notwithstanding, there are still many parts of the Third World where one-way radio broadcasts remain the only economical, effective way to reach mass audiences; no matter what advances are being made in 4G-and-beyond smartphones in the First World. Add broadcast radio's resiliency in the face of natural and man-made disasters — compared to the frequent overloading and failure of cellular telephone networks during such incidents — and the notion of shutting down broadcast lifelines seems unlikely in these regions.

That said, there is no doubt that content, rather than specific delivery platforms, is becoming the defining factor for radio broadcasters big and small. So although broadcast radio seems likely to endure in an increasingly Web/mobile-dominated distribution future, what role it will play is impossible to predict. "The speed of change is very hard to estimate," Saukko observed. "The only thing that is sure is that change is on the way."

James Careless reports on the industry for **Radio World** from Ottawa, Ontario. 

### 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.

**ALASKA** KNLS Alaska is on air only via tx#2 and tx#1 is off:

0800-0900 on 9610 English tx#1  
0800-0900 on 11885 Chinese tx#2  
0900-1000 on 9610 Russian tx#1  
0900-1000 on 9730 Chinese tx#2  
1000-1100 on 7355 English tx#1  
1000-1100 on 9710 Chinese tx#2  
1100-1200 on 6185 Russian tx#1  
1100-1200 on 9655 Chinese tx#2  
1200-1300 on 6075 English tx#1  
1200-1300 on 7355 English tx#2  
1300-1400 on 7395 Chinese tx#2  
1300-1400 on 9760 Chinese tx#1  
1400-1500 on 6090 English tx#1  
1400-1500 on 7355 Chinese tx#2  
1500-1600 on 9730 Chinese tx#2  
1500-1600 on 9760 Russian tx#1  
1600-1700 on 9560 Russian tx#1  
1600-1700 on 9655 Chinese tx#2  
1700-1800 on 9560 Russian tx#1  
1700-1800 on 9655 Chinese tx#2  
(DX Mix-Bulgaria)

**ANTARCTICA** 15476, LRA 36, Radio Nacional Arcángel San Gabriel, Base Esperanza, 1635-1840\*, 13-06, at first only carrier detected, at 1830 some audio with songs can be heard. Extreme weak here in Friol. Via remote SDR Kiwi Paraguay, fair signal, Latin American songs. (Méndez-Spain/PlayDX)

**ARMENIA** Adventist World Radio AWR via Yerevan on June 18:

1500-1530 on 15590 ERV Telugu, very good  
(DX Mix-Bulgaria)

**ASCENCION** Akhbar Mufriha via BaBcoCk Ascension, June 3:

2145-2215 on 9530 ASC Hassinya Thu-Tue  
(DX Mix-Bulgaria)

Radio Dandal Kura Int'l via BBC Transmitter. Rec'd back with-in two hours after posting my report

too: Ops.Asc@babcock.co a very nice full data QSL sheets, with Information about the site, very nicely done. v/s: Lucceena Leo-Francis. (Edward Kusalik-Canada)

**AUSTRALIA** Reception of Reach Beyond Australia RBA in 31m, June 12:

1230-1245 on 9670 KNX English Mo-Sa, weak  
1245-1300 on 9690 KNX English Daily, fair  
(DX Mix-Bulgaria)

4835, Ozy Radio, 1307, June 12. Very clear laughing kookaburra, then nice "Waltzing Matilda." This was about equal strength to 4KZ, up on 5055. No hint of AIR Gangtok or their hum on 4835. (Ron Howard-CA)

5055, 4KZ, on both June 4 & 6, noted 1353\*, after mostly pop songs (Pablo Cruise - "Love Will Find A Way," etc.); IDs ("More music. More variety"); almost readable ads. Much better reception than Ozy Radio (4835). (Ron Howard-CA) 5055, 4KZ, at 1319, on June 17. Noted was off the air. Early sign off? Ozy Radio (4835) was broadcasting at that time. (Ron Howard-CA) 5055, 4KZ, 1307-1335, June 18. Decent reception for this very nice summertime entertainment, even with QRN (static); Bellamy Brothers - "Let Your Love Flow," Loretta Lynn - "He's Got The Whole World In His Hands," Diana Ross - "Touch Me In The Morning," Electric Light Orchestra - "Strange Magic," Anne Murray - "Daydream Believer"; series of commercial announcements that were almost readable ("quality eye care," etc.). My local sunrise was at 1248. (Ron Howard-CA) 5055, 4KZ, intermittent listening 1115-1315, on June 21. Another day with enjoyable reception; pop songs (Creedence Clearwater Revival - "Have You Ever Seen The Rain," John Denver - "Sweet Surrender," The Animals - "We Gotta Get Out Of This Place," Billy Joel - "Only the Good Die Young," Blood Sweat & Tears - "You've Made Me So Very Happy," Dionne Warwick & Bee Gees - "Heartbreaker," etc.); commercial announcements & promo for joining Australian Radio DX Club. Heard at such a good level as to make IDing the songs easy! (Ron Howard-CA)

7190, Reach Beyond Australia on new frequency (in the ham band, where they shouldn't be), on June 11, at 1458. IS and ID in English; 1500 intro in English; then into program in Korean. (Ron Howard-CA)

9670, Reach Beyond Australia at 1237 in English, "Spotlight" program with a slow, deliberate speaking style by man and woman, 1243 website and Facebook for program, 1245 invitation to tune in again tomorrow (sked is 1230-1245), freq announcement and off. - Poor due to very heavy splatter from 9665, June 11. (Harold Sellers-BC/DXplorer)

**AUSTRIA** Reception of HCJB Voice of The Andes via MBR Moosbrunn on June 9:

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

Reception of Oesterreichischer Rundfunk-1 on June 28:

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

**BAHRAIN** Summer Schedule 2018 for Radio Bahrain in Arabic:

0000-2400 daily on 9745abh in AM/USB mode. (WRTH Update)

**BANGLADESH** Reception of Bangladesh Betar in 31mb and 19mb on June 23:

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

Reception of Bangladesh Betar in English on June 20:

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

13580, Bangladesh Betar, QSL card arrived in post 70 days after email report (with MP3 recording) sent to rrc@dhaka.net (with copy to betar.external@yahoo.com) for English International Service broadcast. QSL card pictures "Tea Garden in Sylhet" with v/s Abu Tabib Md. Zia Hasan (Senior Engineer, Research & Receiving Centre) who also enclosed a letter and SW Schedule. Full postal address on

letter: Research & Receiving Centre, Bangladesh Betar, 31, Mahbub Morshed Sarani, Sher-E-Bangla Nagar, Dhaka-1207. Envelope had 30 stamps on it totaling 42 taka (= just £0.35!). (Alan Pennington-UK/British DX Club)

**BHUTAN** 6035 Bhutan Broadcasting Service Corporation, Thimphu. After numerous attempts finally got an e-mail reply to my July 29th 17 report. E-mail verification statement on letter head, with full data. Total time of 8 months, 2.5 months after second follow-up. E-mails used: request@bbs.com.bt and katatshering@bbs.bt v/s: Kaka Tshering General Manager, BBS Radio. (Edward Kusalik-Canada) 6035, June 21, very pleased to find that for the second consecutive day that BBS is again on the air 1320+, with the usual format; especial nice selection of solo indigenous stringed instrumental music, very unique, from 1225 to 1230. (Ron Howard-CA)

**BOLIVIA** 4410 Radio Eco, Reyes. Daniel Wyllyans in Brazil is hearing this CP station on 24 hours a day with 200 watts. The bad news is that even he, from a privileged location, doesn't hear it very well. Still, nice to know it's still on the air. (Ralph Perry-IL)

6134.82, Radio Santa Cruz, Santa Cruz de la Sierra is now out of air because a transmitter failure, a week ago was in the air with strong distorted signal and now, since about three or four days the station is inactive. I contacted with the station via e-mail and in three hours here is the answer: "Estimado Manuel: Agradecerte por la comunicación y el seguimiento que haces a nuestra programación. Estamos con problemas en nuestro transmisor de OC, hasta el lunes tendremos solucionado y emisión en aire. Ruego hacerme conocer el estado de la señal. Un fuerte abrazo". They say they have problems with the shortwave transmitter. Monday, June 18 this problem would be solved, and Radio Santa Cruz will be back on air and they ask me to inform them how the signal is heard. E-mail address: direccion@irfabolivia.org. (Manuel Méndez-Spain/Shortwave Bulletin)

6134.83, R. Santa Cruz, 0200, June 28. Usual theme music and series of full IDs; ending 0201-0204 with the "Santa Cruz" song; not that bad a reception, as they were cutting through heavy summertime QRN (static). Nice to have them back. Thanks to Manuel Méndez (Spain), for keeping us up-to-date about what has been happening recently with this station. (Ron Howard-CA)

**BRAZIL** 4885, Radio Clube do Pará, Belém, 0345-0510, 14-06, Brazilian songs, ID. "Radio Clube do Pará, ... emisoras da Rede Amazonia de Comunicação", program "Clube da Madrugada". 25322. (Méndez-Spain/PlayDX)

11735, Radio Trans Mundial. Portuguese programme. Received QSL in 90 days for report sent to: qsl@transmundial.com.br v/s Rudolf Grimm. (Christian Ghibaudo-France/British DX Club) 11735, Radio Transmundial, Santa Maria, 2010-2025, 01-06, Portuguese, religious comments, id. "Transmundial". QRM from Zanzibar. 23322. (Méndez-Spain/PlayDX) 11735, Radio Transmundial, Santa Maria, 2002-2033, 13-06, Portuguese, news, "Estas foran as principais noticias aqui na Transmundial", "5 horas 1 minuto en Brasilia", "Esta e a Radio Transmundial, transmitindo de Santa Maria, Rio Grande do Sul, Brasil...". 23322. (Méndez-Spain/PlayDX)

11855.8, Radio Aparecida, Aparecida, 2008-2019. 01-06, Portuguese, religious comments, id. "Esta e a Radio Aparecida", religious songs. 24322. (Méndez-Spain/PlayDX)

11895.1, Radio Boa Vontade, Porto Alegre, 2007-2018, 01-06, Portuguese, religious comments. Very weak. 14321. (Méndez-Spain/PlayDX) 11895.2, Radio Boa Vontade, Porto Alegre, 2006-2018, 13-06, Portuguese, religious comments. 13321. (Méndez-Spain/PlayDX)

11934.9, Radio Evangelizar, Curitiba, 2005-2015, 01-06, Portuguese, religious comments and songs. 13321. (Méndez-Spain/PlayDX)

**BULGARIA** Reception of End Times Coming ETC Radio via SPL Secrethrod, June 13:

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

**CANADA** 6030, CFVP, Calgary, at 1134 with "All new Funny 10-60, Calgary" ID sandwiched between two male comedians. Poor to fair with QRM, June 22. (Harold Sellers-BC/DXplorer) 6030, Calgary - CFVP relaying CKMX (AM 1060), on June 27, a rare treat to hear this 100w station in the clear (CNR1 off the air here); 1250-1327; many comedians (Debra DiGiovanni, Russell Peters, the late Mitch Hedberg, Jackie Kashian, Doug Benson, Bob Smiley, Jeff Foxworthy, etc.). (Ron Howard-CA)

6070, CFRX, Toronto, 0400-0450, 13-06, English, news, "the weather forecast", advertisements, "Connecticut ... Technology...", comments. 25322. (Méndez-Spain/PlayDX)

**CHINA** Summer Schedule for CRI - Voice of the South China Sea (Ex. Voice of the South China Sea) in Filipino:

1200-1230 daily 11955xuw and 17510xia  
(WRTH Update)

Summer Schedule for Yunnan Radio and Television International (Ex. Yunnan People's Broadcasting Station) - The Voice of Shangri-La (Gov):

2300-1630 daily in Chinese on 6035sha relay of Kunming based station "FM 99".  
1630-1700 daily in Vietnamese on 6035sha  
(WRTH Update)

Reception of China Domestic Service PBS Xinjiang on June 4:

1200-1230 on 9705 URU Kyrgyz, good signal  
1200-1230 on 11975 URU Kyrgyz, fair signal  
(DX Mix-Bulgaria)

Reception of PBS Xizang Holy Tibet Radio in English, June 13:

0700-0800 on 9580 LHA English, good signal  
(DX Mix-Bulgaria)

6035, FM99 relay via Yunnan, at 1220, on June 22. No Bhutan (BBS) extended broadcast today; usual FM style format; Shakira singing "Waka" (This Time for Africa); have found a number of stations recently playing this song during the current World Cup games. (Ron Howard-CA)

6155, CNR2/China Business Radio, 1211-1230, June 27; strong signal; comedy/variety show "Haiyang Live," in Chinese; is a regular feature on CNR2. (Ron Howard-CA)

**CLANDESTINE** New clandestine via BaBoCk Wooferton & Al-Dhabayya:

0400-0500 on 9665 WOF Multi from July 1  
0500-0600 on 17775 DHA Multi from July 1  
1500-1700 on 13810 DHA Multi from July 1

- Reception of BRB Radio Que Me via WHRI T8WH Angel 3 on June 22:
- 1200-1230 on 9930 HBN Vietnamese Fri, fair/good (DX Mix-Bulgaria)
- Reception of Voice of Oromo Liberation via MBR Nauen on June 27:
- 1700-1800 on 15420 NAU Oromo/Amharic Wed/ Fri/Sun, very good (DX Mix-Bulgaria)
- Radio Dandal Kura Int & Radio(Ndarason)International on June 2:
- 0600-0700 on 11910 ISS Kanuri Radio Dandal Kura Int.
- 0700-0800 on 13810 WOF French ONLY! R. International. 0737 frequency announcements in French: FM 107.1 in N'djamena & SW as follows 0500-0600 on 5960; 0600-0700 on 7415; 0700-0800 on 13810 & 1800-2100 on 12050. (DX Mix-Bulgaria)
- Summer A-18 schedule of Dandal Kura Radio International via MBR Issoudun:
- 0500-0600 on 7220 ISS Kanuri  
0600-0700 on 11910 ISS Kanuri  
1800-2000 on 11830 ISS Kanuri (DX Mix-Bulgaria)
- Dandal Kura Radio Int via MBR Issoudun, June 18-19
- 1800-2000 on 11830 ISS Kanuri, very good  
0600-0700 on 11910 ISS Kanuri, fair/good (DX Mix-Bulgaria)
- Summer A-18 schedule of Radio (Ndarason) International via BaBcoCK is:
- 0500-0600 on 5960 ASC Kanuri/French  
0600-0700 on 7415 ASC Kanuri/French  
0700-0800 on 13810 WOF Kanuri/French  
1800-2100 on 12050 ASC Kanuri/French (DX Mix-Bulgaria)
- Dandal Kura Radio Int via Ascension/Woofferton on June 18-19:
- 1800-2100 on 12050 ASC Kanuri, very good signal  
0700-0800 on 13810 WOF Kanuri, fair/good signal.
- June 19 is NOT program of Radio(Ndarason)International in Kanuri/French. (DX Mix-Bulgaria)
- Oromo Voice Radio via TDF Soudan on June 13:
- 1600-1630 on 17850 ISS Afan Oromo Mon/Wed/Sat, fair. June 18, 23 and 27 again no signal from other BRB Oromo Voice Radio via TDF. Cancelled. (DX Mix-Bulgaria)
- Voice of Amara Radio via TDF Issoudun on June 27:
- 1700-1758 on 15360 ISS Amharic Sat/Sun/Mon/Wed, very good (DX Mix-Bulgaria)
- Reception of Radio Xoriyo Ogaden via MBR Issoudun on June 26:
- 1600-1630 on 17630 ISS Somali Tue/Sat, very good (DX Mix-Bulgaria)
- Reception of BRB Radio Xoriyo Ogaden via TDF Issoudun, June 22:
- 1600-1630 on 17770 ISS Somali Mon/Fri, very good (DX Mix-Bulgaria)
- Reception of Voice of Independent Oromiya via TDF Issoudun, June 17:
- 1600-1630 on 17850 ISS Afan Oromo Sun (DX Mix-Bulgaria)
- Radio Nigeria Hausa Sce/Radio of Truth via SPL Secretbrod, June 3:
- 1800-1900 on 15110 SCB Hausa Radio Na Gaskiya, good signal (DX Mix-Bulgaria)
- Reception of Nippon no Kaze via Tamshui, June 4
- 1300-1330 on 9465 TSH Korean, fair  
1300-1330 on 9900 TSH Korean, weak  
1300-1330 on 9940 TSH Korean, poor (DX Mix-Bulgaria)
- Reception of Furusato no Kaze via Tamshui, June 4
- 1330-1400 on 9455 TSH Japanese, weak  
1330-1400 on 9705 TSH Japanese, fair  
1330-1400 on 9950 TSH Japanese, poor (DX Mix-Bulgaria)

National Unity Radio via Dushanbe, June 4:

1200-1500 on 9885 DB Korean, good  
(DX Mix-Bulgaria)

Radio Free North Korea via Tashkent, June 4:

1200-1300 on 15630 TAC Korean, good  
(DX Mix-Bulgaria)

Summer Schedule for Dengé Welat (Ex Dengé Kurdistané) in Kurdish:

0230-0500 daily on 9525iss  
0500-0600 daily on 11530iss  
0600-1600 daily on 11530kch  
1600-2100 daily on 11530iss  
(WRTH Update)

Strong signal of BRB Dengé Welat, June 5:

till 0459 on 9525 ISS Kurdish  
from 0500 on 11530 ISS Kurdish  
from 0600 on 11530 KCH Kurdish  
(DX Mix-Bulgaria)

SPL relay BaBcoCk Dimtse Radio Erena via Secret-brod, June 13:

1700-1800 on 9720 SCB Tigrinya/Arabic Mon-Fri, fair  
(DX Mix-Bulgaria)

The following clandestine stations are no longer active on shortwave: Voice of Khmer M'Chas Srok, Front for Independence of Oromia, Radio OMN - Oromia Media Network, Open Radio for North Korea, Radio Herwa International, Somaliland Voice, and Eye Radio. (WRTH Update)

Radio República, 7350iss in Spanish 0100-0300 daily. (WRTH Update)

Summer Schedule for Radio Munansi in English/Luganda:

1400-2100 Sat/Sun on 15240wrb. Start/End times variable. (WRTH Update) Confirmed here via SDRs in the USA with good signal at 1730 talks in presumed Luganda. And again, on Sat-Sun 2-3 June on 9370v. This frequency is too low to propagate to Uganda at this time but seems to provide fair reception in many parts of North America. It was much stronger in Europe when on 15240. (Dave Kenney-UK/British DX Club)

Reception of Radio ERGO via BaBcoCk Al-Dhabayya, June 7:

1200-1300 on 17845 DHA Somali, weak signal  
(DX Mix-Bulgaria)

Frequency changes of Voice of Tibet on June 16:

1200-1205 NF 11646 DB Chinese, ex 11513  
1205-1230 NF 11656 DB Chinese, ex 11507  
(DX Mix-Bulgaria)

Voice of Wilderness via Tashkent, June 20:

1330-1530 on 7625 TAC Korean, fair  
(DX Mix-Bulgaria)

Frequency change of North Korea Reform Radio on June 25-26:

1430-1530 NF 7580 TAC Korean, ex 7590 from  
June 22  
(DX Mix-Bulgaria)

**CUBA** 4765, Radio Progreso, Bejucal, 0344-0400\*, 02-06, songs, Spanish, comments, "Un programa de Radio Progreso", news, "Reportero RP", "Radio Progreso, Cadena Nacional les ha ofrecido su programación del día de hoy", anthem and close. 25322. (Méndez-Spain/PlayDX)

6145, Radio Havana Cuba. QSL card received in post one year after email report on their English broadcast sent to inforhc@enet.cu Usual RHC card pictures Faro Castillo del Morro (lighthouse and fort) in Havana. (Alan Pennington-UK/British DX Club)

**EGYPT** Reception of Radio Cairo West European Service in 31mb on June 22:

1700-1900 on 9799.7 ABS Turkish, off air at 1800  
1800-1900 on 9490.0 ABS Italian, good modulation,  
1900-2000 on 9604.7 ABS Russian-not on air today  
1900-2000 on 9570.0 ABS German, good modulation,  
2000-2115 on 9894.7 ABS French, good modulation,  
2115-2245 on 9799.7 ABS English, good modulation  
(DX Mix-Bulgaria)

**ENGLAND** Akhbar Mufriha via BaBcoCk Woofferton, June 10:

2100-2115 on 7300 WOF Tachelhit  
2115-2145 on 7300 WOF Arabic  
(DX Mix-Bulgaria)

**EQUATORIAL GUINEA** 5005, Radio Nacional de Guinea Ecuatorial, Bata, \*0517-0524, 14-06, due to daylight only carrier detected. (Méndez-Spain/PlayDX) 5005, RNGE/R. Bata, on June 18, with an early sign on; already on at 0516; music was above threshold level audio; songs sounded religious; still with audio by 0530; not often heard at this level. (Ron Howard-CA) 5005, RNGE/R. Bata, on June 28, with rather an early sign on; already noted at 0506; very poor, but quickly improved; repetitive African singing; nicely above threshold level audio; re-checked at 0530+ and still with same type of singing. (Ron Howard-CA)

**ERITREA** Good signal of VOBME 2 Dimtsi Hafash, June 26:

1700-1800 on 7180 ASM Amharic  
1800-1833 on 7180 ASM Arabic  
(DX Mix-Bulgaria)

**ESWATINI** Reception of Trans World Radio Africa via Manzini in 19 mb, June 21

1400-1415 on 15360 MAN Urdu Daily, very good signal  
1557-1627 on 15105 MAN Kirundi Mo-Fr, strong signal  
(DX Mix-Bulgaria)

Very good signal of Trans World Radio Africa, June 20:

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

Reception of Trans World Radio Africa via Manzini on June 6:

1820-1850 on 6130 MAN Umbunbu Mo-Fr, fair/good  
1905-1935 on 9940 MAN Lingala Daily, very good  
(DX Mix-Bulgaria)

Very good signal of Trans World Radio Africa, June 15:

1557-1627 on 15105 MAN Kirundi Mon-Fri  
(DX Mix-Bulgaria)

**ETHIOPIA/ERITREA** Ethiopia accepts peace deal with Eritrea. It looks like there will be some kind of agreement between the two countries, both sources of interference and intrusion on our 40m band [https://www.nytimes.com/2018/06/05/world/africa/ethiopia-eritrea-peace-deal.html?smid=fb-](https://www.nytimes.com/2018/06/05/world/africa/ethiopia-eritrea-peace-deal.html?smid=fb-nytimes&smtype=cur)

[nytimes&smtype=cur](https://www.nytimes.com/2018/06/05/world/africa/ethiopia-eritrea-peace-deal.html?smid=fb-nytimes&smtype=cur). Let's keep an ear on 40mb and see if there are any news regarding the illegal broadcasts. (Paulo, CT2IWW, IARU Bandwatch intruderalert June 6) Interesting development. May be the "end" of the clandestine programs via an Ethiopian transmitter on v7236, listed in WRTH 2018 on page 513? (Harald Kuhl-D, BrDXC-UK news-group June 7/Worldwide DX Club)

Good signal of Radio Deegaanka Soomaalida Itoobiya on June 21:

from 1951 on 5940 JYG Somali & off at 1930  
(DX Mix-Bulgaria)

**FRANCE** Reception of TDA Telediffusion d'Algerie via Issoudun, June 2:

2100-2159 on 5930 ISS Arabic Holy Quran, very good  
2100-2159 on 9655 ISS Arabic Holy Quran, very good  
(DX Mix-Bulgaria)

Reception of Radio France International RFI, June 21:

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

Lutheran World Federation/Voice of Gospel via MBR Issoudun on June 27:

1830-1900 on 15315 ISS Fulfulde Sawtu Linjilia,  
very good  
(DX Mix-Bulgaria)

Reception of KBS World Radio via TDF Issoudun, June 8:

till 2001 on 5950 GDR VofTigray Revolution  
2000-2100 on 5950 ISS French, fair to good  
(DX Mix-Bulgaria)

NHK World Japan Network Radio Japan via TDF Issoudun June 16:

0500-0530 on 11970 ISS English, fair/good signal  
0600-0630 on 11975 ISS Arabic, very good signal  
(DX Mix-Bulgaria)

Radio Taiwan International via TDF Issoudun, June 19:

1700-1800 on 11955 ISS Russian, very good  
(DX Mix-Bulgaria)

9770 Adventist World Radio Burkina Faso Studio via Issoudun. Within two hours of sending my report rec'd back a nice e-mail reply confirming my reception (audio file attachment via box.com) plus sent a photo of the studio, staff and console. Report sent to: missionadventiste.bf@gmail.com & kamosou@gmail.com v/s: Amos Sougrinoma Kougwindiga Director. (Edward Kusalik-Canada)

9680, Radio Taiwan Int. (via Issoudun). French programme. Received QSL in 30 days for report sent to: fren@rti.org.tw. (Christian Ghibaudo-France/British DX Club)

**GERMANY** Good signal of DWD Deutscher Wetterdienst on June 27:

0600-0628 on 5905 PIN German AM mode

0600-0628 on 6180 PIN German AM mode

(DX Mix-Bulgaria)

NHK World Japan Network Radio Japan via MBR Nauen, June 13:

0430-0500 on 6165 NAU Russian, very good signal (DX Mix-Bulgaria)

BVBroadcasting Dardasha 7 via MBR Nauen on June 23:

0600-0615 on 11655 NAU Arabic, very good

(DX Mix-Bulgaria)

Radio Waves International RWI via Channel 292, June 23:

0600-0700 on 6070 ROB French Sat, weak/fair

(DX Mix-Bulgaria)

**GREECE** 9420, VOG, 0255, June 13. Fair-good reception of their IDs in Greek & English ("This is Athens. You are listening to the Voice of Greece"), along with IS and assume National Anthem. Seems to be a daily feature at this time. (Ron Howard-CA)

**GUAM** Reception of KTWR Trans World Radio Asia in English, June 23:

1230-1300 on 12160 TWR English Sat, good

(DX Mix-Bulgaria)

Reception of KTWR Trans World Radio Asia in English, June 3:

1102-1146 on 9910 TWR Chinese/English Sun

(DX Mix-Bulgaria)

**GUINEA** 9650, Radio Guinea, Conakry, 0655-0740, 02-06, French, ID. "Vous ecoutez Radio Guinée, notre journal", news, at 0700 religious program. 45444. (Méndez-Spain/PlayDX)

**INDIA** Happy to inform that a [new] 100 kW SW transmitter is on air from Delhi for about one month now. The second of same power will be on air shortly. (these replaces 2 old tx of 100 kW). The schedule of new tx varies but it can be heard on 11620 at 0700-0800 in Nepali with excellent signals now. Look out on the following frequencies for signals from the new 100 kW tx: 4870 7250 7380 7505 7555 9835 9950. (Jose Jacob, DX\_India 8 May/British DX Club)

Unscheduled transmission of AIR Vividh Bharati Service, June 1:

0700-0720 on 9380 ALG Hindi, in A18 scheduled 0900-1200 on 9380 ALG Hindi, very good signal Parallel freq 9865 BGL Hindi, weak/fair signal (DX Mix-Bulgaria)

Reception of All India Radio in English in 31&25mb, June 10:

1135-1140 on 9620 ALG English, fair/good  
1135-1140 on 11560 DEL English, distorted  
(DX Mix-Bulgaria)

5040, AIR Jeypore, 1242, June 16. In Hindi and with subcontinent music. Not bad for summertime listening, but of course with QRN (static). (Ron Howard-CA)

**INDIA (Andaman & Nicobar Islands)** 4760, AIR Port Blair (presumed not to be AIR Leh [Kashmir]). On June 12, with better than normal reception 1215-1305; seemed in Hindi and with subcontinent music/singing; my local sunrise was at 1248, with Port Blair sunset at 1213; poor reception, but decent signal strength cutting through the summertime QRN (static). (Ron Howard-CA)

**INDIA (Sikkim)** 4835, AIR Gangtok, at 1315, June 5. Heard with a very prominent hum; their transmitter has had this problem for over six weeks now; could just make out some faint audio underneath from Ozy Radio, but Gangtok was blocking most of Ozy's signal. Gangtok local sunset was at 1257 and my local sunrise was at 1249, so strong grayline reception. (Ron Howard-CA)

**INDONESIA** Voice of Indonesia (Pub): Inactive on shortwave at time of publication. (WRTH Update) Sorry to say I received an email yesterday (June 13) from Wolfgang Büschel, with info that the VOI SW antenna site for 9525.95 is totally gone now. They have just this month started building a new university on the site! Very sad!!! (Ron Howard-CA)

3325, RRI - Palangkaraya. Voice of Indonesia programming with English news at 1303, then a current affairs commentary at 1311. At 1316, "Today in History" program, June 22. (Rob Wagner-Australia VK3BVW) 3325, Voice of Indonesia, via RRI Palangkaraya, on June 24. In Chinese at 1103; into Japanese at 1200; into English at 1300; ID - "From Jakarta, RRI World Service, Voice of Indonesia, English Service . . . You can listen to our broadcast via shortwave on 9 5 2 5 kilohertz"; strong QRM from NBC Bougainville, which ended at 1245; at 1300+, with schedule for today, VOI news, "Today in History," etc. My local sunrise at 1248. (Ron Howard-CA)

9525 RRI German Broadcast to Europe. After sending a follow-up to their announced e-mail address, my report bounced back, so fired off another report to the RRI Voice of Indonesia website, (<http://www.voiceofindonesia.co.id/>) and rec'd back in six hours, explaining the delay and promised a QSL is going to be sent to me. Reply from Puji Astuti. (Edward Kusalik-Canada)

**IRAN** Reception of PARS TODAY VIRI IIRIB on June 8:

1923-2020 on 9800 SIR English  
1923-2020 on 9810 SIR English  
(DX Mix-Bulgaria)

**JAPAN** NHK World Japan Network Radio Japan via Yamata, June 1:

0530-0600 on 11790 YAM Russian, good &  
0700-0800 on 11825 YAM Japanese, good  
(DX Mix-Bulgaria)

**KOREA (North)** 9435, Voice of Korea at 1302 signing on in English, national anthem, woman with greeting and into chorus singing. - Excellent, //11710 very good, June 11. (Harold Sellers-BC/DXplorer)

**KOREA (South)** Weak signal of KBS World Radio on June 21:

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

4885, June 22 - Interesting happenings with Echo of Hope - Voice of Hope (VOH). At 1105, noted 4885 was off the air; very unusual for them to be off; while all the other VOH frequencies were jammed by N. Korea (3985, 5995, 6250, 6350, and also 9100). Hiroyuki Komatsubara (Japan), at 0918, also found 4885 silent. Rechecking at 1148, I heard 4885 back on the air with their usual good signal and as is normally the case with no jamming at all. 4885 (not jammed) // 9100 (jammed), had singing station jingle at 1157, along with chimes and full ID in Korean; 1200 with "Onule Soshi" (Today's News), but then very surprised to hear the jamming on 9100 ended at 1200, becoming as good as 4885. (Ron Howard-CA)

9100, Echo of Hope - Voice of Hope (VOH), with new development. In the past this frequency was always clear of N. Korea jamming, but on June 21, at 1043, founded them jammed, along with the normally jammed 3985, 5995, 6250 and 6350. No jamming, as usual, on 4885. This was also confirmed by Chulsu (Seoul, South Korea), per YouTube posting today, which switched reception between jammed 9100 and unjammed 4885. So now 4885 remains the only VOH frequency free of jamming or are their days of clear reception numbered? (Ron Howard-CA)

**KUWAIT** Very good signal of MOI Radio Kuwait on June 2:

0500-0900 on 15515 KBD Arabic  
1000-1200 on 17760 KBD Filipino  
(DX Mix-Bulgaria)

Radio Kuwait has finally started long-dormant broadcasts to North America from 5 May:

2000-2400 on 17550 Arabic General Service, strong  
(DX Mix/British DX Club)

Reception of MOI Radio Kuwait General Service on June 10:

2002-2400 on 17550 KBD Arabic, very good  
(DX Mix-Bulgaria)

Good signal on MOI Radio Kuwait on June 20:

1600-1800 on 15540 KBD Urdu  
(DX Mix-Bulgaria)

- MOI Radio Kuwait in Arabic General Service, instead of Urdu on June 27:
- 1550-1600 on 15540 KBD Arabic General Sce, unscheduled
- 1600-1800 on 15540 KBD Arabic Gen. Sce, instead of Urdu
- 1800-2100 on 15540 KBD English in DRM, no signal today!  
(DX Mix-Bulgaria)
- MADAGASCAR** Good signal WCB Madagascar World Voice, June 13:
- African Pathways Radio
- 0400-0500 on 11825 MWV English tx#1
- The Light of Life
- 0400-0500 on 17530 MWV Chinese tx#2  
(DX Mix-Bulgaria)
- Evening reception of WCB Madagascar World Voice on June 12:
- African Pathways Radio
- 1800-1900 on 17640 MWV English tx#2, fair/good
- KNLS New Life Station
- 1800-1900 on 9570 MWV Russian tx#1, very good  
1900-2000 on 9755 MWV Russian tx#2, fair/good
- Radio Feda
- 1900-2000 on 11965 MWV Arabic tx#1, very good  
2000-2100 on 13710 MWV Arabic tx#1, fair/good
- The Light of Life
- 2100-2200 on 11610 MWV Chinese tx#1, very good  
(DX Mix-Bulgaria)
- Radio France Int via Talata-Volonondry on June 14:
- 0530-0600 on 11790 MDC Swahili, good signal  
(DX Mix-Bulgaria)
- MALAYSIA** 9835, Sarawak FM at 1155 in Bahasa Malay with Malaysian pop song, 1158 into Islamic call to prayer. Poor-fair, June 11. (Harold Sellers-BC/DXplorer)
- 11665, Wai FM at 1250 in Bahasa Malay, announcer said "bye bye", into song to time pip at 1300, into national news. Good, checked 9835 and it was fair and in parallel, June 22. (Harold Sellers-BC/DXplorer)
- MEXICO** 6185, Radio Educación, Ciudad de México, 0342-0509\*, 02-01, Spanish comments, music. Between 0358-0455 strong QRM from Radio Romania on 6180. (Méndez-Spain/PlayDX)
- MOLDOVA** Fair signal of Trans World Radio India on June 6:
- 1345-1400 on 12160 KCH Marwari Mon-Wed  
(DX Mix-Bulgaria)
- Trans World Radio Africa via BaBcoCk Grigoriopol on June 15:
- 1815-1845 on 9940 KCH Tigrinya Fri, very good  
(DX Mix-Bulgaria)
- Trans World Radio Africa via BaBcoCk Grigoriopol, June 27:
- 1630-1700 on 11780 KCH Somali, fair/good & 1800-1845 on 9940 KCH Tigrinya, very good  
(DX Mix-Bulgaria)
- MONGOLIA** 7260, Mongolian Radio 3 (presumed), at 1103, on June 27. Pop songs; heard with faint QRM from China far underneath; 4830 & 4895 not heard today. (Ron Howard-CA)
- MYANMAR** 5985, Myanma Radio, P/D eQSL and friendly message (Dear, Mr. Antonio Napolitano, Greeting from Myanmar! Sorry for our late reply. We are very glad for your kind attention to our station, Myanma Radio. Programs you received was our transmission of Myanmar language. We are broadcasting in Myanmar, English and Nationalities languages. Thank you very much for your report. We've attached our QSL and program schedule. And you can see us via Facebook page English Program Myanma Radio <https://www.facebook.com/English-Program-Myanma-Radio704110519623905/>. Have a nice time. Sincerely yours Myanma Radio (English Program) in 395 days!! E-mail: [npradio.eng@gmail.com](mailto:npradio.eng@gmail.com). (Antonello Napolitano-Italy/DX Fanzine)
- 6165, Thazin Radio (presumed) at 1121 with easy listening style of Burmese music. Fair, June 22. (Harold Sellers-BC/DXplorer)

7200, Myanmar Radio at 1225 in Burmese, man and woman, pop song, 1230 stringed instrument and into presumed news. No English broadcast this Monday, as Ron Howard frequently reports. //5985 very poor. - Fair, June 11. (Harold Sellers-BC/DXplorer)

**NETHERLANDS** On behalf of the Central Government Real Estate Agency, RGS has dismantled the antenna park at the former Zeewold shortwave transmission station [Radio Netherlands former SW site]. It consisted of 23 masts which varied in height between 12 and 125 metres. The broadcasting station (of former Wereldomroep) purchased by the Ministry of Defence in 2012 will be set up as a sending station. The sending station will take care of communication over long distances with, among other things, ships and mission areas all over the world. The Ministry of Defence intends to put this broadcasting station into operation by mid-2020. (British DX Club)

**NEW ZEALAND** Changes of Radio New Zealand Pacific in AM mode from June 22:

2051-0358 on 13840 RAN English, ex 2051-0458  
0359-0558 on 11725 RAN English, ex 0459-0658  
0559-1058 on 7425 RAN English, ex 0659-1058  
(DX Mix-Bulgaria)

**NIGERIA** 7255, Voice of Nigeria, Ikorodu, 1840-1857, 13-06, English, comments, news, "The main points", "Thank you for listening the English service of the Voice of Nigeria". 34433. (Méndez-Spain/PlayDX)

**PAPUA NEW GUINEA** 3260, NBC Madang (Maus Blong Garamut), on June 23 (Saturday), noted at 1201 with EZL song; promo for "NBC Radio"; suddenly cut off at 1203\*; very decent reception. (Ron Howard-CA)

**PAPUA NEW GUINEA (Bougainville)** 3325, NBC Bougainville, on June 24. One of their longest, extended broadcasts; 1103-1245\*; religious (Christian) songs 1103-1110; then preaching till 1145; followed mostly with non-stop religious songs till suddenly off at 1245\*, whereas they normally go off about 1200. (Ron Howard-CA)

**PHILIPPINES** Reception of Vatican Radio via IBB Tinang, June 1:

1230-1300 on 9890 PHT Russian, good signal  
1230-1300 on 11875 PHT Russian, good signal  
(DX Mix-Bulgaria)

Very good signal of FEBC Radio on June 12:

1115-1200 on 15330 BOC Mon/Karen  
(DX Mix-Bulgaria)

Reception of FEBC Radio Teos Buryatia on June 14:

1530-1600 on 11650 BOC Russian, good  
(DX Mix-Bulgaria)

Very good signal of Radio Veritas Asia in 25mb on June 12:

1200-1227 on 11760 PUG Karen  
1200-1227 on 11935 PUG Hmong  
(DX Mix-Bulgaria)

Very good signal of Radio Veritas Asia, June 8:

1230-1257 on 15225 PUG Kachin  
(DX Mix-Bulgaria)

Good signal of FEBC Radio in Chinese in 31mb on June 15:

1000-1400 on 9275 BOC Chinese, not // on 9400  
1000-1400 on 9400 IBA Chinese, not // on 9275  
1400-1600 on 9275 BOC Chinese, not // on 9345  
1400-1600 on 9345 IBA Chinese, not // on 9275  
(DX Mix-Bulgaria)

Reception of Radio Pilipinas PBS via Tinang, June 22:

1730-1930 on 9910 PHT Filipino, very good  
1730-1930 on 12120 PHT Filipino, very good  
1730-1930 on 15190 PHT Filipino, very good  
(DX Mix-Bulgaria)

Radio Veritas Asia is to close at the end of June due to cuts in funding (Allen Dean-UK) It has been reported in online forums that the closure of SW by Radio Veritas may be the result of a reduction in funding by German sponsors in recent years. (British DX Club) From June 30 Radio Veritas Asia will close its SW broadcasts! (DX Mix-Bulgaria)

7410, F.E.B.C. at 1052 playing musical IS until 1100 s/on in Khmer. Began with brief chorus, ID, frequency, music and then male speaker at 1101. Good, June 22. (Harold Sellers-BC/DXplorer)

**RUSSIA** Summer Schedule for GTRK "Adygeya" (Gov) in Adyge:

1800-1900 Mon and Fri on 6000arm (Mondays also in Arabic and Turkish)

1900-2000 Sun on 6000arm  
(WRTH Update)

**SAUDI ARABIA** Summer Schedule 2018 for Radio Al-Azm (Saudi Broadcasting Corporation - SBC) (Gov) (Ex. Radio Al-Azm) in Arabic 0000-2400 daily on 11745jed. (WRTH Update)

**SOLOMON ISLANDS** SIBC Solomon Islands Update. Following DXer reports that SIBC 5020 seemed to be having transmission issues, WRTH collaborator Martin Hadlow has been in contact with SIBC who advised him that, "yes, the SIBC is having technical problems. The Hitachi transmitter is malfunctioning and the SIBC is awaiting spare parts from Japan. So, in the meantime, 9545 is off the air and 5020 is operating on only half power (i.e. 5KW)." (Bryan Clark via NZ Radio DX League's DX Dialog newsgroup/Shortwave Bulletin)

5020, SIBC (presumed), on June 21, at 1212, with strong carrier, but again with no trace of any audio; by 1316 could make out the faint voice of announcer (extremely weak modulation). (Ron Howard-CA)

**SOUTH AFRICA** South African Radio League "Amateur Radio Today", June 17:

0800-0900 on 17760 MEY English Sun, good signal (DX Mix-Bulgaria)

Good signal of Channel Africa in English, June 13:

0600-0655 on 11925 MEY English Mon-Fri (DX Mix-Bulgaria)

**SRI LANKA** Summer Schedule for Sri Lanka Broadcasting Corporation (SLBC) (Pub):

0115-0130 daily in Bengali on 11905trm  
0130-0230 daily in Hindi on 11905trm  
1115-1215 daily in Hindi/Malayalam/Tamil/  
Telugu on 9720trm

1630-1730 daily in Sinhala on 11750trm irregular  
1700-1800 daily in Tamil on 11835trm  
(WRTH Update)

Reception of Sri Lanka Broadcasting Corporation SLBC on June 4:

1115-1200 on 9720 TRM Hin/Mal/Hin, fair to good  
1200-1215 on 9720 TRM scheduled Tamil, but is off  
(DX Mix-Bulgaria)

Reception of Sri Lanka Broadcasting Corporation SLBC, June 4:

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

**TAIWAN** 9410, Fu Hsing BS, 1211-1300\*, June 6, in Chinese. At 1259, sounded like a singing station jingle? Of course, this was only possible after BBC (Singapore) off at 1200\*. No longer any CNR5 here. 9774 not on the air and 9410 is certainly not on daily but is erratic. (Ron Howard-CA) 9410-USB+carrier, Fu Hsing BS, brief check at 1218, on June 9. In Chinese and with singing jingle; the signal format today matches my May 7 UNID heard here, so that would confirm my UNID as Fu Hsing BS; almost fair; 9774 still silent. (Ron Howard-CA)

14560, Sound of Hope, F/D QSL card in 10 days. E-mail address: joanna.xia@bayvoice.net. (Jürgen Waga-Germany/DX Fanzine)

**TAJIKISTAN** Adventist World Radio The Voice of Hope KSDA on June 1:

1300-1330 on 12055 DB Kachin, weak/fair signal (DX Mix-Bulgaria)

**THAILAND** Summer English Schedule for Radio Thailand:

0000-0100 daily on 15590udo  
0200-0230 daily on 15590udo  
0530-0600 daily on 17640udo  
1230-1300 daily on 9390udo  
1400-1430 daily on 9390udo  
1900-2000 daily on 9390udo  
2030-2045 daily on 9390udo  
(WRTH Update) New 9920 is reported with a good signal. (Alan Roe, David Ansell, David Morris, Harald Kuhl/British DX Club)

Reception of HSK9 Radio Thailand World Sce on June 7:

1000-1100 on 17850 UDO Thai, very good  
(DX Mix-Bulgaria)

- Strong signal of HSK9 Radio Thailand WS, June 14: 0330-0400 Thurs 5985rmi  
0330-0400 Sun 5130bcq  
2000-2015 on 9920 UDO German 0330-0400 Sun 9955rmi  
2030-2045 on 9920 UDO English 2230-2300 Tues 5950rmi  
(DX Mix-Bulgaria) 2230-2300 Tues 9955rmi  
2330-2400 Sat 7780rmi  
(WRTH Update)
- 5875, Radio Thailand at 1114 ending Malay broadcast with schedule announcement in English, bells tune repeated, 1116 different tune on bells, English ID then into Chinese. - Poor, June 11. (Harold Sellers-BC/DXplorer)
- 9390, Radio Thailand at 1250, detailed news item on volcano eruptions in Hawaii and Guatemala then a few news headlines, 1253 ads for Thai Airways and eco-tourism business. - Fair, June 11. (Harold Sellers-BC/DXplorer) 9390, Radio Thailand. English Programme. QSL received in 110 days for report sent to: Radio Thailand World Service 236 Vibhavadi Rangsid Rd, Dindang Bangkok 10400, Thailand. (Paul Gager-Austria/British DX Club)
- TURKEY** Several reports recently of various Voice of Turkey frequencies being slightly off channel, it appears that at least one transmitter is faulty. (British DX Club)
- 9785, Voice of Turkey (VOT). English programme. Received QSL card and SW broadcast schedule 25/3-28/10/2018 in 17 days for report sent to englishdesk@trt.net.tr. (Albert Ford-UK/British DX Club) 5960, Voice of Turkey (VOT) - English language programme - (Mehmet Akif) QSL card; 2018 pocket calendar & fridge magnet received in 25 days for two reports sent (email) to englishdesk@trt.net.tr. (Albert Ford-UK/British DX Club)
- UNITED ARAB EMIRATES** Trans World Radio Africa via BaBcoCk Al-Dhabayya, June 22:
- 1300-1315 on 17680 DHA Afar Thu-Sun, good (DX Mix-Bulgaria)
- KBS World Radio via BaBcoCk Al-Dhabayya on June 7: 0000-2400 on 15810 TWW English, instead of A-18 inactive  
2000-2100 on 13585 DHA Arabic, strong 1700-0200 on 12105 TWW Eng/Spa/Por/Fre/Ara/You/Rus/Eng  
(DX Mix-Bulgaria) (DX Mix-Bulgaria)
- USA** Summer Schedule 2018 for Hobart Radio International in English:  
0230-0300 Mon 5130bcq  
0330-0400 Mon 5130bcq
- Summer Schedule for Radio Ukraine International (RUI) (Pub):  
0200-0230 daily in English on 7780rmi (WRTH Update)
- BBG - Afia Darfur Radio (Gov): Transmissions ceased in March 2018. (WRTH Update)
- Radio Payam-e Doost (Rlg): Inactive on shortwave at time of publication. (WRTH Update)
- Summer Schedule for Shortwave Radiogram (new entry) in English:  
0800-0830 Mon on 7730rmi\*  
0800-0830 Mon on 5850rmi\*  
1500-1600 Sat on Eu 9400sof\*  
1600-1630 Sat on 9400sof\*  
2030-2100 Fri on 7780rmi\*  
2030-2100 Fri on 5950rmi\*  
2030-2100 Sun on 7780rmi\*  
2330-2400 Sun on 7780rmi\*  
\* Text and images are broadcast in various sound-card generated digital modes (AM modulation + digital subcarrier), such as MFSK32, Olivia and others. (WRTH Update)
- WMLK (Rlg): Inactive on SW at time of publication (due to fire damage in March '17). Plans to return to SW in late 2018 or early 2019. (WRTH Update)
- New registered frequency of We Transmit World Wide WTWW-3 in HFCC Database:  
Fair/good signal of WRNO Radio in Chinese, June 18:  
from 0502 on 7505 RNO Chinese  
(DX Mix-Bulgaria)

Fair/good signal of WRNO Radio in English, June 26:  
from 0500 on 7505 RNO English  
(DX Mix-Bulgaria)

7505, WRNO Worldwide. Colourful full-data world map QSL card received in 40 days by post for report sent via online contact form at <http://www.wrno-worldwide.com/contact/> (Dave Kenney-UK/British DX Club) 7505v, WRNO, 0434, June 18. Very strong signal; one of their best receptions; in Chinese with the program called "Grace for Today"; in the past I mistakenly called this "Praise for Today," but I was wrong; correct name found on their website; have also seen others incorrectly call it "Pray for Today"; still good at 0540. (Ron Howard-CA)

**UZBEKISTAN** Bible Voice Broadcasting BVE via Tashkent on June 10:

1130-1200 on 15640 TAC English Sun, fair/good  
(DX Mix-Bulgaria)

**VIETNAM** VIETNAM RFA Vietnamese began all digital broadcasting June 16. For decades RFA Vietnamese was primarily heard on radio. As our news coverage continues to evolve, we are leaving radio behind to concentrate on reporting the news and information of Vietnam online. We will continue to be heard, and seen, at [www.rfa.org/vietnamese](http://www.rfa.org/vietnamese), [www.facebook.com/RFAVietnam](http://www.facebook.com/RFAVietnam) and [www.youtube.com/user/RFAVietnamese](http://www.youtube.com/user/RFAVietnamese). Our award-winning staff will continue uncensored coverage of Vietnam providing accurate and timely news and information. You are receiving this because you have expressed interest in Radio Free Asia's QSL cards. (Andrew "A.J." Janitschek, Radio Free Asia)

7155.0, VOV, at 1148, on June 6. Still am hearing this spur that is clearly // 7285. Thanks again to Jim Young, Mauno Ritola and Thorsten Hallmann for their original comments regarding this. (Ron Howard-CA)

**UZBEKISTAN** Bible Voice Broadcasting via Tashkent on June 3:

1130-1200 on 15640 TAC English Sun, good. Today new announcement: Bible Voice Broadcasting across Far East! (DX Mix-Bulgaria)

**ZAMBIA** Summer Schedule for the Voice of Hope - Africa (Rlg) in English:

0500-0800 Mon-Fri on 11680luv  
0500-0800 Mon-Fri on 9680luv  
1200-1700 Sat/Sun on 13680luv  
1200-1700 Sat/Sun on 9680luv  
1600-1900 Mon-Fri on 6065luv  
1600-1900 Mon-Fri on 4965luv  
1700-1730 Sun on 9680luv  
(WRTH Update)

Good signal of KVOH Voice of Hope Africa on June 18:

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

5915 Zambia NBC. Fair signal on June 26, OM in African language at 0443 tune-in, looks like Lusaka is back on the air. Thank goodness! (Ralph Perry-IL)

9680, Voice of Hope Africa, 0507, June 28. Religious songs in English; 0523, with segment "Our Daily Bread," with reading from the Bible; 0524, African announcer talking about mining at "Black Mountain," in Zambia, with a religious tie-in. (Ron Howard-CA)

**ZANZIBAR** Summer Schedule for Zanzibar Broadcasting Corporation (Pub):

1800-1810 daily in English/Swahili on 11735dol  
0300-0600 daily in Swahili on 6015dol  
1500-1800 daily in Swahili on 11735dol  
1810-2100 daily in Swahili on 11735dol  
(WRTH Update)

6015, Zanzibar Broadcasting Corporation, Dole, 0408-0423, 14-06, Swahili, comments. 25432. (Méndez-Spain/PlayDX)

11735, Zanzibar Broadcasting Corporation, Dole, 1755-1809, 13-06, Swahili, comments, at 1800 time signals, English, "It's 9 O'clock African time, this is Zanzibar Broadcastin Corporation, the news, the main points", news in English. 34433. (Méndez-Spain/PlayDX)

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](mailto: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

Shortwave pirate broadcasting continued at a very brisk pace once again during the past month. Pirate broadcasting inevitably increases around major North American holidays. July is relatively has one major holiday in North America. The USA Independence Day on the 4<sup>th</sup> of July is always among the top few holidays of the year for shortwave pirate activity. With the 4<sup>th</sup> of July on a Wednesday this year, activity should expand to both Tuesday and Thursday, as well as the preceding and following weekends.

One major downside this month is that darkness propagation in North America remains at its lowest seasonal level during mid-Summer, and seasonal static levels on the shortwave bands remain at frequent high levels, thus diminishing reception quality for shortwave DX of all kinds.

Tom Taylor last month sent us a major 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, with a maximum fine of \$2 million. The bill is sponsored by Rep. Leonard Nance (R-NJ) and Rep. Paul Tonko (D-NY). As of the end of June, this bill's prognosis in the Congress remains uncertain. But, on June 13 *Radio World* reported that this legislation passed unanimously in the US House of Representatives. The fate of this bill in the US Senate and on the desk of President Trump remains uncertain at column deadline time. 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)

Our Executive Director Rich D'Angelo for-

wards remarks on pirate enforcement made by FCC Chair Ajit Pai at the National Association of Broadcasters conference in Las Vegas on April 10 Chairman Pai said that FCC enforcement actions have increased by 101% during the past year, including fines of \$323,688.

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 Monique C. Pierre for operating an FM pirate on 99.3 Mhz from a commercial property in Irvington, NJ. The FCC issued a Notice of Unlicensed Operation to Andre Wey LLC for owning the commercial property in Delray Beach, FL where an FM pirate operated on 104.7 Mhz. The FCC issued a Notice of Unlicensed Operation to SIJC Trusted LLC for owning a commercial property where an FM pirate operated on 91.7 Mhz from Delray Beach, FL. The FCC issued a Notice of Unlicensed Operation to Bishop Kingsford A. Bloomfield for operating an FM pirate on 93.3 Mhz from the Gospel Tabernacle Church of Jesus Christ in Irvington, NJ. The FCC issued a Notice of Unlicensed Operation to John Hart of Blackstone, VA for operating an FM pirate on 103.1 Mhz from an antenna located in Crewe, VA. The FCC issued a Notice of Unlicensed Operation to Alexander J. Brittin for operating an FM pirate on 95.5 Mhz in Boulder, CO. The FCC also issued a Notice of Unlicensed Operation to Phillip Brittin for being the owner of the FM pirate on 95.5 Mhz broadcasting from a residential property in Boulder, CO. The FCC issued a Notice of Unlicensed Operation to Claude and Edma Saintilmar for operating an FM pirate on 90.1 Mhz from a residential property in Miami, FL. The FCC issued a Notice of Unlicensed Operation to Geovanni Valdez for operating an FM pirate on 94.1 Mhz from a residential property in Brooklyn, NY. The FCC issued a Notice of Unlicensed Operation to Godfrey Jones of Brooklyn, NY for operating an FM pirate on

87.9 Mhz from a building in Bronx, NY. The FCC issued a Notice of Unlicensed Operation to Timber Trail LLC for operating an FM pirate on 106.5 MHz from their commercial property in Bridgeport, CT. The FCC issued a Notice of Unlicensed Operation to California State University in Hayward, CA for operating an unlicensed transmitter causing interference to Land Mobile Radio Service operations on 464.6375 Mhz. The FCC issued a Notice of Unlicensed Operation to Daniel Sigcho for operating an FM pirate on 92.5 Mhz from a residence in Orange, NJ. The FCC issued a Notice of Unlicensed Operation to Ahmed Fakakser of Falek Real Estate LLC for operating an FM pirate on 92.5 Mhz from a property in Orange, NJ. The FCC issued a Notice of Unlicensed Operation to Greg Banks for operating an FM pirate on 94.1 Mhz from a property in Huntingdon, PA. The FCC issued a Notice of Unlicensed Operation to Pastor Ragive Dulcio for operating an FM pirate on 93.3 Mhz from a property in Irvington, NJ. The FCC issued a Forfeiture Order against Ravi's Import Warehouse Inc. in Dallas, TX for a previous citation for jamming cell phone frequencies in Dallas. They were fined \$22,000 by the FCC. The FCC issued a Notice of Unlicensed Operation to Jean Charles for operating an FM pirate on 95.1 Mhz from a commercial property in East Orange, NJ. The FCC also issued a Notice of Unlicensed Operation to Matt Twersky for being the property owner of the site where Jean Charles operated the FM pirate on 95.1 Mhz in East Orange, NJ. The FCC issued a Notice of Unlicensed Operation to Cayemite J. Edner for being the property owner where an FM pirate operated on 99.7 Mhz in Brockton, MA. The FCC issued a Notice of Unlicensed Operation to Nicolas Ronald for operating an FM pirate on 107.7 Mhz from a property in Orange, NJ. The FCC also issued a Notice of Unlicensed Operation to Tanjiv Jain for being the property owner of the location in Orange, NJ where Nicolas Ronald's pirate operated. The FCC issued a Notice of Unlicensed Operation to John G. Pierre for operating an FM pirate on 93.7 MHz from a property in Brooklyn, NY. The FCC issued a Notice of Unlicensed Operation to Thomas Eugene Barnes for operating an FM pirate on 92.3 MHz from the Orchard


Motel in La Grande, OR. The FCC issued a Notice of Unlicensed Operation and Harmful Interference (sic) to Primera Iglesia Batista Del Sur for operating an FM pirate on 87.9 Mhz in San Francisco, CA. The FCC issued a Notice of Unlicensed Operation to Brenda McHardy for being the owner of property in Miami, FL where an FM pirate operated. On 89.5 Mhz. The FCC also issued a Notice of Unlicensed operation to Cameron Brown for being the operator of an FM pirate on 89.5 Mhz from Miami, FL. The FCC issued a Notice of Unlicensed Operation to CREDO LLC for operating an FM pirate on 88.7 Mhz from Miami, FL. The FCC issued a Notice of Unlicensed Operation to Pastor Francisco Guzman of Iglesia La Nueva Jerusalem Ciudad De La Verdad Monte de Santidad, Inc. for operating both an FM pirate on 87.9 Mhz and an expanded MW band pirate on 1710 Khz from Baton Rouge, LA. The FCC issued a Notice of Unlicensed Operation to Steffon Samaroo for operating an FM pirate on 104.7 Mhz from Brooklyn, NY. The FCC issued a Notice of Unlicensed Operation to 110 Washington EO LLC for operating an FM pirate on 104.7 Mhz from East Orange, NJ. The FCC issued a Notice of Unlicensed Operation to Cornelius Medas for operating an FM pirate on 106.5 Mhz from Bridgeport, CT. Once again this month the FCC issued no citations to shortwave pirates in the United States, with the single unusual exception of the 1710 Khz station in Baton Rouge, LA.

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.** 6925 2224-2230\* 4/20/18 poor. Prgm of rock mx. (Montney-MI)

**Captain Morgan Shortwave** 6924.206p 0006 4/7/18 S7. Prgm of mx w/no clear ID. (Hauser-OK)

**Captain Morgan Shortwave** 6924.3t 0008-0015 4/7/18 fair. Prgm rock mx w/no clear ID. (Taylor-WI)

- Captain Morgan Shortwave** 6935.7 0012 4/19/18 fair. Eagles Hotel California and other rock mx. (Taylor-WI)
- Cool AM** 6905p 0120-0133 4/6/18 S6-S8. Prgm of electronic dance mx apparently switching modes during smxn. (Hauser-OK)
- Cool AM R.** 6905 AM 0005-0029 4/14/18 fair. Prgm of techno & rock mx. (Taylor-WI)
- Koot R.** 6930 0122 4/2/18 fair. Banjo mx into prgm of rock mx and political poems. (Taylor-WI)
- Koot R.** 6930 0033 4/5/18 fair. Prgm of Kinks rock mx. (Montney-MI)
- Koot R.** 6930t 0002-0004\* 4/6/18 S9+10. Prgm of rock mx. (Hauser-OK)
- Koot R.** 6930t 0122 4/7/18 fair. Prgm of political poems and ambient mx. (Taylor-WI)
- Koot R.** 6930 0019 4/9/18 fair. Prgm of rock mx w/SSTV image at close. (Taylor-WI)
- Koot R.** 6915 1915 4/21/18 fair. Prgm of oldies rock mx w/SSTV image of bald eagle at close. (Montney-MI)
- Old Time R.** 6945 0013-0030 4/11/18 good. Relay of an old Dimension X prgm from the early 1950s w/Martians parading down 5<sup>th</sup> Avenue. (Montney-MI)
- R. Illuminati** 6970 2226-0006\* 4/1-2/18 fair. Prgm of rock & synthesized mx. (Montney-MI)
- R. Illuminati** 6970 2321-2333 4/1/18 fair. Prgm of rock mx. (Taylor-WI)
- R. Illuminati** 6970 2327-2333 4/7/18 fair. Prgm of rock mx w/NA at close. (Taylor-WI)
- R. Peace** 6930 0115 4/22/18 fair to good. Prgm of rock mx w/eagle & peace dove SSTV image at close. (Taylor-WI)
- Seven Trees** 6905 0050-0132\* 4/6/18 fair. Prgm of mainly dance mx w/siren at close. (Taylor-WI)
- Seven Trees R.** 6905p 0001-0018 4/6/18 S9. Prgm of mx, big signal but no clear ID copied. (Hauser-OK)
- Seven Trees** 6905 AM 0027 4/15/18 fair. Prgm of rock & blues mx incl tunes by The Doors. (Taylor-WI)
- Seven Trees** 6905 AM 0110 4/16/18 fair. Barking dogs into a prgm of rock mx. (Taylor-WI)
- Titanic Tribute** 6935.7 0027 4/15/18 poor. OM discussing ship hitting iceberg w/some CW during prgm. (Taylor-WI)
- Wolverine R.** 6950 0017 4/15/18 poor. Prgm of rock mx w/animals in song title and SSTV image of giraffe at close. (Taylor-WI)
- Wolverine R.** 6950 0025 4/15/18 good. Prgm of rock mx w/animals in song title. (Montney-MI)
- XLR8** 6955 0126 4/14/18 poor to fair. Prgm of rock mx. (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.

# Contributors' Page

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

The following members sent in contributions:

- Bob BROSELL**, Pewaukee, WI  
JRC NRD-545 (Godar DXR-1000 antenna); DRAKE DSR-2 (Longwire); SONY ICF 6700W; ETON E1; SONY ICF SW77
- Ed CICHOREK**, Somerset, NJ  
IC-R-75, Eavesdropper
- Rich D'ANGELO**, Wyomissing, PA  
RX340, DX Sloper
- Mick DELMAGE**, Sherwood Park, ALB  
Perseus SDR, Wellbrook ALA-100, Collins HF-2050, KLM 7-30 MHz log periodic
- Jim EVANS**, Germantown, TN  
R75, ICF-SW7600G, Perseus, Eavesdropper, random wire
- Walt FAIR, Jr.**, TX  
No equipment listed
- Robert FRASER**, Belfast, ME  
YB 300, whip antenna
- Vince HENLEY**, Anacortes, WA  
PL-380, NRD-525, R8B, ICF-2010, RX-340, Alpha-Delta DX Ultra, whip
- Bob LAUER**, Rochester Hills, MI  
Kenwood R-5000 & AOR LA400 (indoor)
- Ralph PERRY**, Wheaton, IL  
R8B, NRD-545, E1, 355' bi-dir LW
- Anker PETERSEN**, DENMARK  
no equipment listed
- Gianni SERRA**, Roma, ITALY  
JRC NRD 525 receiver; Alpha Delta DX-SWL Sloper-S antenna; RG 8 mini coaxial cable; JPS NIR 12 Noise & Interference Reducer-Dual DSP outboard audio filter; JRC NVA 319 external loudspeaker unit.
- Ronald SIVES**, South Plainfield, NJ  
Eton field radio and 66' SWL dipole
- Mark TAYLOR**, Madison, WI  
Mini DXpedition, Lake Farm Park near Madison, WI, 6/13/18, 1130 - 1300. E1, 100' random wire. (Taylor - Lake Farm Park, WI)
- David TURNICK**, Sinking Spring, PA  
RX340, WinRadio g31DDC, Alpha Delta DX sloper, 49m dipole 

2000-30000 kHz

## Loggings

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

- 3320 **SOUTH AFRICA Radio Sonder Grense** 2250-2255 3.6 AFS R Sonder Grense, Meyerton Afrikaans Ann, English pop songs 35433 (AP-DNK)
- 3915 **CHINA BBC** 2255-2300 3.6 SNG BBC World Service, Kranji English talk, ID's 35333 (AP-DNK)
- 4765 **TAJIKISTAN Tajik Radio Dushanbe** Yangiyul in Tajik 05132018 00570115 local chant, music and man announcement, woman and man announcements (poss. ID), choral anthem, local music with woman and man announcements over music, , almost fair. (Serra Roma-Italy)
- 4765 **TAJIKISTAN Tajik Radio Dushanbe** Yangiyul in Tajik 05192018 00150052 local songs, woman talk over slow music with unclear ID (mentioning Radio...), other woman talk over slow music with same unclear IDs alternated by local chants, then same woman and man talk, chant, in // mediabay.tv/channels/radio Stations/122RadioiTojikTJ with several seconds of delay from broadcast on shortwaves; heard in usb, fast qsb, moderate qrn, fair, (Serra Roma-Italy)

- 4765 **TAJIKISTAN Tajik Radio Dushanbe** Yangiyul in Tajik 05272018 00150029 two local chants with instrumental music, man talk with low modulation after first chant, brief music pause, same man talk, choral chant, heard in lsb and from 0020 better in usb with fast qsb and strong qm statics, poor (Serra Roma-Italy)
- 4765 **TAJIKISTAN Tajik Radio 1** 2305-2310 3.6 TJK Tajik R 1, Yangiyul Tajik Ann, Tajik songs 45444 (AP-DNK)
- 4774 **PERU Radio Tarma** (please, also see my log 05272018), 05192018 01050202\* LA fast ballads and one romantic song, with men dj fast talk after each song (mostly unclear), man excited announcement (at 0122), other man unclear brief announcement, fast ballads and dj talk, 2 men announcements (all unclear), with frequency quote and presumed ID at 0200, slow music, brief carrier on only and S/OFF at 0202 heard in usb (from 0115 in Lsb), qrm moderate ute, fast qsb and strong qrn, almost fair/poor (Serra Roma-Italy)
- 4774 **PERU Radio Tarma Internacional** in Spanish 05272018 01000201\* fade in at about 0100 but sound heard from 0104, LA ballads with man dj fast unclear talk, other man excited unclear announcements and IDs at times (sometimes over music), man talk, music pause with other man talk with final IDs (Serra Roma-Italy)
- 4800 **CHINA Voice of China** 2310-2315 3.6 CHN Voice of China, Golmud Chinese talk 35232 (AP-DNK)
- 4820 **CHINA Xizang PBS** 2315-2320 3.6 CHN Xizang PBS, Lhasa, Tibet Chinese talk by man and woman 35333 (AP-DNK)
- 4835 **AUSTRALIA Hearing Ozy Radio** back on the air at 1234 UTC May 30th with news bulletin then back into pop music. Weak by readable, (Delmage, AB)
- 4835 **AUSTRALIA Ozy Radio** June 6 at 1130 UTC with News, Market Reports and Sports from Australian Independent News followed by "Emma" by Little River Band and "The Horses" by Daryl Braithwaite. Good signal. 4KZ 5055 kHz was there but noisy. At this time of year our sunrise is at 5 AM so quite light at 1130 UTC (local 5:30 AM). Welcome to summer up North. (Delmage, AB)
- 4885 **BRAZIL Radio Clube do Para Belem** in Portuguese 05082018 01080119 men chatting over slow song (possible other unid Brazil. Radio), man enhanced talk mentioning Radio Clube do Para, jingle and other men announcements, IDs, excited talk, heard in ssb, moderate qrn and qsb, almost fair (Serra Roma-Italy)
- 4885 **BRAZIL Radio Clube do Pará** 2320-2325 3.6 B R Clube do Pará, Belém, PA Portuguese fast talk 35333 (AP-DNK)
- 4905 **CHINA Xizang PBS** 2325-2330 3.6 CHN Xizang PBS, Lhasa, Tibet Tibetan talk with musical interludes 35333 // 4920 (35333) (AP-DNK)
- 4949 **ANGOLA Radio Nacional de Angola** 2330-2335 3.6 AGL R Nacional de Angola, Mulenvos Portuguese conversation 35232 (AP-DNK)
- 4965 **ZAMBIA Voice of Hope Africa** Makeni Ranch in English 05242018 1837 1854 man long talk (no much clear) till 1845, music pause and ID, slow pop song, woman and presumed man unclear talk, slow pop song, , poor/almost fair at times (Serra Roma-Italy)
- 5010 **INDIA AIR** Thiruvananthapuram 05222018 17161731 Indian vocals chants, woman unclear announcement and talk, heard better in Lsb to avoid lite rtty, fast qsb and strong qrn, very poor/barely audible (audio on and off) about 1 hour before sunset in my qth. (Serra Roma-Italy)
- 5010 **UNITED STATES Family Radio** 2335-2340 3.6 USA Family R via R Miami International, Okeechobee, FL Spanish talk, ex 5950 35232 (AP-DNK)
- 5020 **SOLOMON ISLANDS SIBC** 1145 UTC June 6 with the tunes "Forever Country" and "Art of Love" by Guy Sebastian with female DJ chat in between. Full sign off announcement and National Anthem at 1159 UTC then off air at 1201 UTC. Fair (Delmage, AB)
- 5025 **CUBA Radio Rebelde** Bauta in Spanish 05032018 02020220 woman reading news with music breaks, man / woman announcements over music, other man talk (with some interviews to other men, mentioning torneo de Radio Rebelde, Santa Clara, deportivamente), music pause and men announcements (mentioning deportivamente), and continuing man talk, heard better in usb to avoid lite rtty, lite qrn and fast qsb. Good (Serra Roma-Italy)
- 5025 **CUBA Radio Rebelde** 2340-2345 3.6 CUB R Rebelde, Bauta Spanish talk, Cuban classical music 34433 CWQRM and SSB talk (AP-DNK)
- 5040 **INDIA AIR Jeypore** in local language 05012018 16401705 man singing endless Indian vocal chant with instrumental sounds till 1700, man announcement, man singing local song, better in ssb, fast qsb, moderate qrn, fair. (Serra Roma-Italy)
- 5040 **CHINA Radio Habana Cuba** 2345-2400 3.6 CUB R Habana Cuba, Bauta English Ann, Cuban pop songs 35333 (AP-DNK)
- 5920 **GERMANY Radio HBR** (Missionswerk Werner Heukelbach)(presumed) via HCJB Weenermoor in German 05052018 06200635 choral religious chants (hallelujah), at 0625 woman talk (mostly unclear), chant and talk by same woman, music pause at 0630, men announcement with possible ID, 3 train whistles, man talk, with some music breaks, then chatting with other man. Heard

- better in ssb with moderate qsb and qrn, almost fair / very poor/barely audible. (Radio HCJB also broadcasts Radio HBR, which is created and broadcasted in partnership with the Foundation Missionswerk Werner Heukelbach via andenstimme.org/empfang in German, translated in English with Google translator) (Serra Roma-Italy)
- 5965 **CHINA China Radio Int'l** in RR. SIO 555, May 29, 2018, 1516 – 1521. OM with commentary, some audio clips of interviews and comments in Russian. Listed target is Siberia. (Henley, WA)
- 5965 **CHINA China Radio Int'l** in RR. SIO 454, May 31, 2018, 1537 – 1542. OM and YL announcers, MX and talk. Listed target is Siberia. (Henley, WA)
- 6060 **CUBA Radio Habana Cuba** Bauta in Spanish/English 05062018 04400522 music program with a miscellany of Latin American, Cuban fast ballade music and songs, romantic slow song, with man dj talk over or after each track and musical announcements /fair/almost fair (Serra Roma-Italy)
- 6070 **GERMANY Channel 292** Rohrbach Waal in English 05052018 06580752 pop song, man rumbled ID “two nine two! “Other man ID “You are listening....Channel two nine two”, nonstop reggae songs (No woman no cry; Could you be loved; One love;), with one rap song. heard in usb, lite qrn and qsb, good /fair at times. (Serra Roma-Italy)
- 6105 **FRANCE NHK World Radio Japan** 6/16, 0335-0350, in JJ; the presumed radio variety show with the usual Japanese jocularity and high jinks. SIO 333 (Sives-PA)
- 6125 **CHINA CNR 1** in CC. SIO 454, May 29, 2018, 1522 – 1528. Round-table discussion in CC with multiple OMs. Talk strident at times. One YL in round-table mix. (Henley, WA)
- 6180 **CHINA CNR 1** in CC. SIO 333, May 31, 2018, 1543 – 1549. CNR 1 Jamming RTI. I can hear RTI underneath the CNR 1 signal. Heavy QRM, slow QSB. (Henley, WA)
- 6185 **UNITED KINGDOM Radio Taiwan** Woofferton in German 05042018 19171926, woman talk, other woman announcement, brief song, two women chatting, better in ssb, moderate qrn and qsb. Fair (Serra Roma-Italy)
- 7300 **CHINA CNR 1** in CC. SIO 545, May 29, 2018, 1530 – 1534. Strong signal with echo. Time pip at bottom of hour. CNR likely jamming RTI on the same frequency. Ads, MX, strident talk. Bad echo and QRM. Unpleasant listening. (Henley, WA)
- 7305 **CHINA CNR 1** in CC. SIO 454, May 28, 2018, 1440 – 1446. YL announcer with interview clips, talk and commentary. Very strident at times. (Henley, WA)
- 7305 **CHINA CNR 1** in CC. SIO 434, May 31, 2018, 1555 – 1608. MX and talk, domestic program with ads, etc. Some MX. Various announcers. Time pips at top of hour, followed by ID and strident YL. Pleasant instrumental MX. Listed language is Mandarin. (Henley, WA)
- 7325 **CUBA Radio Havana Cuba** 5-27, 2324. Romantic Cuban vocals followed by man with ID in Spanish and talk. Good (Cichorek-NJ)
- 7325 **CHINA China Radio Int'l** in Tagalog. SIO 444, May 28, 2018, 1447 – 1451. YL announcer, oriental MX, and talk. Listed target is Philippines. (Henley, WA)
- 7325 **CHINA China Radio Int'l** in EE. SIO 343, May 29, 2018, 1535 – 1547. OM and YL commentators with international and national news. Sanctions remaining in place for Venezuela. Talk and opinion with interviews. Talk of telephone apps influencing Chinese youth and popular culture. Discussion of love versus sex in Chinese youth. (Henley, WA)
- 7365 **GERMANY HCJB** Weenermoor in German 05052018 08040816 classic music break, man sermon with reverberation (no much clear). Heard better in ssb, moderate to strong qrn and qsb. Almost fair/poor at times. (Serra Roma-Italy)
- 7365 **CHINA CNR 1** in CC. SIO 333, May 24, 2018, 1442 – 1448 YL commentator. Considerable QRM from several stations on this frequency at this time. Poor listening due to QRM. (Henley, WA)
- 7365 **UNITED STATES Radio Marti** Greenville SC 6/17, 1200- 1222, in SS; YL and OM host a music program, mostly with commentary. SIO 333 (Sives-PA)
- 7395 **CHINA China Radio Int'l** in JJ. // 7410. SIO 343, May 24, 2018, 1448 – 1456. OM in JJ, Oriental MX with F vocalist. YL announcer in JJ with commentary. Heavy QRN. Listenable on 7396, SIO 555 on 7410. (Henley, WA)
- 7410 **CHINA China Radio Int'l** in JJ. SIO 544, May 27, 2018, 1434 – 1438. Chinese MX followed by YL announcer with monologue, followed by more Chinese MX. (Henley, WA)
- 7410 **CHINA China Radio Int'l** in JJ. SIO 555 May 28, 1433 – 1440. //7395. Pop MX, YL announcer, very clear signal. Long monologue talk. (Henley, WA)
- 7465 **GUAM Adventist World Radio** – Agana, 1236, 6/13/18, in Korean. Man and woman with musical bridges between sections. Fair. (Taylor – Lake Farm Park, WI)
- 7485 **SINGAPORE BBC WS** in Burmese. SIO 454, May 28, 2018, 1454 – 1459. Talk, MX clips. YL announcer at 1457, followed by alternating YL and OM announcers. ID in Burmese with contact information, then off air at 1459. (Henley, WA)
- 7530 **MARIANA ISLANDS. Radio Free Asia** – Tinian (P), 1243, 6/13/18, in Burmese. Man interview-ing a man. Fair. (Taylor – Lake Farm Park, WI)

- 9275 **PHILIPPINES Far East Broadcasting Corp.** – Bocaue, 1138, 6/13/18, in Mandarin. Program of mellow instrumental music hosted by woman announcer. Fair. (Taylor – Lake Farm Park, WI)
- 9320 **PHILIPPINES Voice of America** in KK from Tinang. SIO 444, May 24, 2018, 1456 – 1500. OM and YL in KK commentary and talk. Several IDs and contact information given. Final ID in EE. Off air with “Yankee Doodle” at 1500. (Henley, WA)
- 9320 **PHILIPPINES Voice of America** from Tinang in KK. SIO 454, May 26, 2018, 1445 – 1455. American pop MX in EE. OM announcer. Listed target is Far East. News at 1453 announced as “VOA News” in EE. (Henley, WA)
- 9350 **UNITED STATES WWCR**, 5-26, 2020. Classic Radio Theater featuring a 1950 re-broadcast of a comedy play starring Lucille Ball... ID followed by a reading of news headlines from May 19, 1950. Play resumes. Very good armchair listening. (Cichorek-NJ)
- 9435 **NORTH KOREA Voice of Korea** in EE. SIO 333, May 28, 2018, 1502 -1505. VOK sign-on in EE, MX opening. YL announcer, some noise jamming or a bad transmitter. Choral martial MX. (Henley, WA)
- 9550 **SAUDI ARABIA BSKSA**, 2146, two men in Arabic, sounded like a drama. Fair to good. (Cichorek-NJ)
- 9550 **CHINA China Radio Int’l** in Vietnamese. SIO 343, May 28, 2018, 1506 – 1514. YL announcer with interview clips and commentary with long monologues. OM announcer at 1512, alternating with YL. (Henley, WA)
- 9650 **GUINEA Radio Guinea** Conakry in French 05052018 10231110 pop songs with man dj announcements, at 1035 man talking for about 1 minute, local songs and afropops with man brief announcements and ID “Radio Guinee” at 1043. Almost fair/fair (Serra Roma-Italy)
- 9650 **GUINEA Radio Guinee**, 2219, 5-28-18. Two men in vernacular language in discussion. Nonstop talk. Fair. (Cichorek-NJ)
- 9675 **CHINA China Radio Int’l** in RR. SIO 555, May 26, 2018, 1455 – 1457. MX, announcements and ID in RR. Chinese MX after announcements by YL. Off air and carrier gone by 1457. (Henley, WA)
- 9675 **CHINA China Radio Int’l** in EE. SIO 555, May 28, 2018, 1515 – 1520. Excellent signal. CRI business and trade talk with YL announcer interviewing OM about China’s future business strategy. Round table discussion about trade, especially in the high tech segment. Focus on China’s strengths in International Trade. (Henley, WA)
- 9705 **VATICAN Vatican Radio**, 2019, 6-5-18 African service of Vatican Radio. Man in English with religious talk. ID at 2026, brief IS and carrier off. (Cichorek-NJ)
- 9760 **ALASKA KNLS** in CC. SIO 545, May 26, 2018, 1542 – 1548. Religious broadcaster. YL with talk and contact information, followed by OM with homily. Listed language is Mandarin, listed target is Far East. Very good signal. (Henley, WA)
- 9760 **ALASKA KNLS** in CC, religious broadcaster. SIO 555, May 28, 2018, 1525 – 1540. Listed language is Mandarin. OM announcers, possibly with a homily. YL singing group with hymn. OM announcers follow with CC/EE language lesson using the word “line.” YL with contact information, followed by more religious talk. (Henley, WA)
- 9785 **SOUTH KOREA KBS World Radio** in EE. SIO 333, May 28, 2018, 1540 – 1548. Pop MX, OM and YL announcers in EE. MX commentary and discussion. Increasing QRN, slow QSB. ID given throughout the programming. (Henley, WA)
- 9900 **CHINA CNR1** in CC. SIO 555, May 26, 2018, 1458 – 1500. Listed language is Mandarin, target is Far East. OM announcer, time pips at top of hour, off air and carrier gone by 1500. (Henley, WA)
- 9940 **CHINA CNR1** in CC. SIO 544, May 24, 2018, 1537 – 1547. Echo on signal. OM commentator. This is probably designed to be a jamming signal on top of RFA broadcast on same frequency. I can hear bits of RFA under the CNR signal. Moderate QSB and Increasing QRN. OMs in long harangue followed by strident YL. Listed language is Mandarin, target is Far East. (Henley, WA)
- 11530 **MOLDOVA Radyo Denge** Welat Grigoriopol in Kurdish 05012018 07020717 man talk with music breaks till 0712, music pauses and women / men announcements over music, man talk over music, heard in ssb. Very good (Serra Roma-Italy)
- 11530 **MOLDOVA Radyo Denge** Welat Grigoriopol in Kurdish 05262018 08140827 music pause and woman ID (Radio Denge Welat), middle east chant, woman ID and brief announcements over instrumental percussions sound, man long speech, heard in ssb and am, lite qsb and qrn at times, very good (Serra Roma-Italy)
- 11675 **TURKEY Voice of Turkey** Emirler in Turkish 05012018 0727 0742 man very long speech only, heard in ssb better with Nir 12, moderate qsb and qrn, fair (Serra Roma-Italy)
- 11675 **TURKEY Voice of Turkey** Emirler in Turkish 05062018 08310850 slow pop songs, with man announcements after each song, heard better in ssb, fast qsb, moderate qrn from about 0841 increased qsb and qrn; good/almost fair poor at times (Serra Roma-Italy)
- 11695 **SINGAPORE NHK World Radio Japan** in English at 1115 UTC June 6 with Meet the People program followed by a song in Japanese “Summer Rain”. Frequency and time schedule at 1129 UTC then off. Excellent (Delmage, AB)

- 11710 **NORTH KOREA *Voice of Korea*** in EE. SIO 444, May 25, 2018, 1504 – 1518. YL announcer with ID. Followed by choral and instrumental martial MX. QSB and minor QRN, but otherwise strong and listenable. Continued choral martial MX with YL announcer between pieces. Listed target is North America. YL with short local news clips and propaganda monologue. Commentary on fishing rights. OM with talk of reunification of the Koreans, nature conservation, migratory birds, foreign relations with China, visit by UN World Health Organization officials, increase in funding for universal health care in N. Korea. No mention of potential summit with Trump while I listened today. Quite a good signal here. (Henley, WA)
- 11710 **NORTH KOREA *Voice of Korea*** in EE. SIO 555, May 26, 2018, 1501 – 1525. Good signal. VOK ID followed by MX. YL announcer between MX pieces. Very martial MX with instrumental and choral pieces. Minor QRM from some noise jamming or a faulty transmitter. YL with mostly internal news and propaganda. OM announcer with praise of Kim dynasty, talk of Koreans resident in Japan. Much commentary of the Japanese “occupation.” Talk about the dismantlement of the nuclear test site with the untrue claim that it was witnessed by western diplomats. Mention of Trump cancelling the planned summit with Kim. Considerable discussion of the proposed summit with a claim of “hostility” from Trump and his rhetoric. Much complaint of the joint American and South Korean joint military exercises. The entire broadcast sounded as if they expected to drive the car, but were relegated to the back seat. They did not anticipate this. (Henley, WA)
- 11735 **BRAZIL *Radio Transmundial*** in Portuguese at 1659 UTC May 30 with full station ID and web address. Good (Delmage, AB) I have not heard Zanzibar on this frequency at this time for a few weeks now. Brazil is not a usual visitor at this time of day either. (Delmage, AB)
- 11745 **SAUDI ARABIA *Al Azm Radio*** Jeddah in Arabic 05122018 11431202 Arab chant, man long speech with other man talk at times, heard better in usb with and without Nir 12, strong rustle qrm and deep slow qsb, poor/almost fair. (Serra; Roma-Italy)
- 11750 **CHINA *China Radio Int'l*** Jinhua heard at 1909 on 5/31/18 with a man speaking in Portuguese. Fair-to-poor. (Brossell, WI)
- 11795 **TURKEY *Voice of Turkey*** Emirler in Farsi 05262018 08320844 man Middle East vocals chant, man talk, music break, woman brief announcement and talk, music break, man brief announcement, woman talk, heard better in ssb, moderate qrm and qsb (strong at times), fair/almost fair/poor at times (Serra Roma-Italy)
- 11885 **SOUTH AFRICA *Channel Africa*** Meyerton in English 05182018 17201746 woman reading African news with men and women correspondents and external services talk with IDs, (till 1730), man announcement into other man current affairs news, good (Serra Roma-Italy)
- 11885 **SOUTH AFRICA *Channel Africa*** at 1735 UTC May 31 with African Digest program. Fair. (Delmage, AB)
- 11900 **CHINA *China Radio Int'l*** via Jinhua-Youbu at 1638 UTC May 30 in English with “Alight On Literature” followed by Chinese language lessons at 1655 UTC to abrupt cut off at 1657 UTC. Very Good (Delmage, AB)
- 11915 **SAUDIA ARABIA *BSKSA*** heard at 1915 on 5/31/18 with on-going Koran recitations. Fair. (Brossell, WI).
- 11955 **AUSTRIA *Adventist World Radio*** Austria relay heard at 1920 on 5/31/18 with a man and woman speaking in listed Hausa. Fair. (Brossell, WI).
- 11995 **SINGAPORE *BBC WS*** in Burmese. SIO 555, May 25, 2018, 1445 – 1500. YL and OM announcers in discussion in Burmese. Sign-off and carrier gone by 1500. Henley, WA)
- 12035 **THAILAND *Voice of America*** Deewa Radio in Pashto from Udon Thani. SIO 444, May 24, 2018, 1527 – 1537. Listed target is Afghanistan. OMs in discussion and interview. ID at breaks. (Henley, WA)
- 12,060 **FRANCE *Radio Algerienne*** France relay heard at 1923 on 5/31/18 with Koran recitations and announcements in Arabic. Fair. (Brossell, WI).
- 12160 **UNITED STATES *WWCR 2*** in EE from Nashville, TN. SIO 343, May 26, 2018, 1534 – 1538. Religious broadcaster. OM fire and brimstone preacher with considerable in-studio audience participation. Increasing QRN and QSB. (Henley, WA)
- 13570 **CHINA *CNR 1*** in CC. SIO 555, May 28, 2018, Pop MX, YL vocals. Very strong and clear signal. OM announcer with long monologue. Possibly jamming RFA on same frequency. Ads in the broadcast. (Henley, WA)
- 13605 **UNITED STATES *Radio Marti*** in SS SIO 444, May 24, 2018, 1502 – 1508. OMs in conversation / talk / commentary. From Greenville, NC. Listed target is Cuba. Several IDs given. Heavy QRN with shallow QSB. (Henley, WA)
- 13605 **UNITED STATES *Radio Marti*** in SS. SIO 454, May 28, 2018, 1616 – 1622. YL and OMs in lively discussion about Columbia political situation. Modest QSB, increasing QRN. Latin MX at 1621. (Henley, WA)

- 13675 **CHINA CNR 1** in CC. SIO 444, May 26, 2018, 1550 – 1603. Multiple OMs in talk / conversation with American pop MX interspersed. Steep QSB, increasing QRN. Listed language is Mandarin, listed target is Far East. (Henley, WA)
- 13700 **CUBA Radio Havana Cuba** in SS. SIO 555, May 27, 2018, 1440 – 1445. OM announcer with ID in SS and MX announcements. Pleasant instrumental MX. (Henley, WA)
- 13740 **CUBA China Radio Int'l** in EE from Havana. SIO 544, May 24, 2018, 1508 – 1518. Interviews about USA / Germany / China trade and foreign policy relations. OM and YL commentators. Slight QRN and QSB, no QRM. Listed target in western North America. Good signal with increasing QRN after 1515. (Henley, WA)
- 15110 **THAILAND Voice of America** Thailand relay heard at 1341 on 6/2/18 with a man and woman conversing in Mandarin. Fair-to-poor. (Brossell, WI)
- 15140 **OMAN Radio Sultanate of Oman** at 1431 UTC May 30 in English with the program lineup for the "Nations Station". Quran at 1434 UTC. Very Good (Delmage, AB)
- 15165 **AUSTRIA AWR** at 1630 UTC May 30 in Urdu with beautiful Indian music, ID's and contact information at 1612 UTC then presumed religious programming. Very Good (Delmage, AB)
- 15175 **INDIA All India Radio** in Gujarati. SIO 333, May 28, 2018, 1553 – 1557. Indian MX, heavy QRN, but listenable. MX was the bulk of the programming heard. (Henley, WA)
- 15200 **FRANCE Deutsche Welle** France relay heard at 1850 on 5/31/18 with both a man and woman speaking alternately in listed Hausa. Fair. (Brossell, WI)
- 15244 **NORTH KOREA Voice of Korea** Kujang in English/ French 05122018 13401409 music, man brief announcement, local song, brief music break, man talk (no much clear), brief music pause, man /woman announcements, far east music, man announcement with ID as English service of Voice of Korea, , fair/almost fair. (Serra Roma-Italy)
- 15285 **SINGAPORE (P) BBC World Service** at 1250 UTC May 30th talking about the evolution of the English language. Abrupt off at 1259:45 UTC Excellent (Delmage, AB) The BBC website shows the frequency for SE Asia but no transmitter site listed. With the strength of the other stations from the area at this time I suspect they are using the Singapore site. (Delmage, AB)
- 15300 **FRANCE Radio France International** heard at 1855 on 5/31/18 with a man speaking in French to 1857 ID of, "Ici Radio France International," then off at 1858. Fair. (Brossell, WI)
- 15315 **FRANCE Sauti Linjilia** France relay heard at 1858 on 5/31/18 with talks by a man in listed Fulani to clear ID at 1859 of "Sauti Linjilia." Shut down immediately after ID. Fair. (Brossell, WI)
- 15,400 **ASCENSION ISLANDS BBC** Ascension relay heard at 1902 on 5/31/18 with news headlines and a report on Trump's upcoming meeting in Singapore with Kim Jong UN. Mostly fair. (Brossell, WI)
- 15430 **CHINA CNR 1** in CC. SIO 444, May 28, 2018, 1558 – 1600. CNR Jamming RFA on same frequency. Time pips at top of hour, then off the air at 1600. (Henley, WA)
- 15520 **SPAIN REE** at 1730 UTC June 3 in Spanish with rock songs "My God" by Jethro Tull. "Hijos De Cain" by Baron Rojo, "I Say A Little Prayer" by Aretha Franklin and "Pa Dentro" by Juanes. Six time pips to 1800 UTC ID and news. Very Good (Delmage, AB)
- 17775 **UNITED STATES KVOH** "Voice of Hope" religious broadcast in SS from Los Angeles, CA. SIO 444, May 31, 2018, 1617 – 1626. OM and YL announcers. Listed target is Central America. Listenable signal, mild QRN, slow QSB and no QRM. ID at 1625, then back to religion. (Henley, WA)
- 17815 **UNITED STATES WHRI** in EE from Cypress Creek, SC. SIO 242, May 26, 2018, 1538 – 1542. Religious broadcaster, listed target is Africa. YL preacher. Signal just barely readable through the noise. Poor overall. (Henley, WA)



## NASWA Yahoo Group

Join moderator **Dan Ferguson**, the club's Yahoo Group, and other club members to discuss reception of shortwave radio broadcasts, program content, propagation, reception conditions, loggings, hot news and information as well as radio equipment and accessories and any topics related to shortwave radio in general. Please keep in mind that loggings, QSL news, schedule changes should also be reported to the appropriate column editor of the Journal for publication. This forum is a supplement to, not a replacement of, The Journal. Subscribe by going to <http://groups.yahoo.com/group/NASWA/>. Any club members wishing to participate in the NASWA Yahoo Group, moderated by Dan Ferguson (k4voa@zerobeat.org), but not interested in registering direct with Yahoo should contact Dan direct by e-mail for further information. Dan can manually add you to the group.





# On the Short Waves



by Jerry Berg

<[www.ontheshortwaves.com](http://www.ontheshortwaves.com)> Update, June 3, 2018—Under “DX History/SWLing & DXing,” we have posted a file with some examples of reception report forms. (1) The first item looks like standard Newark News Radio Club member stationery that was made into a report form, seemingly by the club itself rather than by the member. (2) Second, a Pennsylvania monitor turned this Short Wave League letterhead into a report of amateur reception in 1937 (noting that he was also going to enclose his SWL card). The Short Wave League was a project of Short Wave Craft magazine. (3) Canadian DX Relay was a Canadian club. Third in the file is their report form, which was used by an English listener to report to a Florida ham (the form is 5-1/2 x 8-1/2” in the original). The envelope is postmarked May 31, 1935. (4) The British Long Distance Listener’s Club was begun in December 1935 as a project of Wireless Magazine & Modern Television, and was taken over by Practical Amateur and Wireless magazine the following year. The fourth item in the file is a form that was used by a British reader to report to a Nova Scotia ham. The forms could be purchased in pads of 50. (5) Last: The venerable New Zealand DX Radio Association was in operation from 1933 to 2006.

<[www.ontheshortwaves.com](http://www.ontheshortwaves.com)> Update, June 10, 2018—2018 is Deutsche Welle’s 65th birthday. DW is still a media powerhouse in Germany, but only a few of its broadcasts, and a few languages remain of DW on shortwave. One of the world’s best-heard international stations in its prime, the future on shortwave was evident in 2006, when DW transmissions from Wertachtal came to an end (DW had already stopped using another major transmitting site, Julich, in 1996). For those who would like to know more about the technical side of DW in shortwave’s “good old days,” we have posted, under “DX History// Stations,” a booklet, “Deutsche Welle Engineering,” a 104-page, extensively-illustrated description of the technical side of Deutsche Welle, including the Antigua, Kigali, Malta and Sines relay stations. It looks like it was published circa 1980.

<[www.ontheshortwaves.com](http://www.ontheshortwaves.com)> Update, June 17, 2018—This time we have two items from “Down Under.” Under “DX History/Stations,” we have three original photos of the Amalgamated Wireless (Australasia) Ltd. transmitting station at Pennant Hills, near Sydney, Australia. The first photo is dated 1930, and the others are likely from around the same time. And under “DX History/Philately” we have posted an interesting radio item from New Zealand. On November 4, 1992, the New Zealand post office issued a set of six 1920s-motif postage stamps under the title “Painting the Clouds With Sunshine.” They depicted various scenes from the “good days” between the wars, highlighting planes, cars, rugby, etc. One of the stamps acknowledged the arrival of radio and Dr. Robert Jack, a pioneer of New Zealand commercial radio broadcasting. Most of the 1992 first day covers for the set contained all six stamps. However, the New Zealand Radio DX League issued a separate, similar cover, featuring only the radio stamp and adding the words, “Celebrating the Golden Age of Radio in New Zealand.” The file contains the NZRDXL cover, with a descriptive insert, plus the regular six-stamp cover. Proceeds from the sale of the NZRDXL cover went to the club’s Handicapped Aid Program.—And Adrian Peterson brings us more from Australia. Look under “Specialized Resources/Wavescan” for “The Highest Powered Mediumwave Station in the Southern Hemisphere” (Wavescan N485, June 10, 2018).

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