

The **NASWA** Journal

VOLUME LVII NUMBER 12

DECEMBER 2017



North American Shortwave Association — America's Shortwave Broadcast Club

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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. Expected 12/15/17
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ICOM

IC-R8600

Ask about our free bonus offer for **NASWA** and **Spectrum Monitor** readers



The Icom **IC-R8600** wideband communications receiver raises the bar on sophisticated radio monitoring. This ground breaking receiver made its world debut at the **JARRL Tokyo Ham Fair** on August 19, 2016. The IC-R8600 covers 0.01-3000 MHz (less cellular) in analog and decodes multiple digital protocols, including D-STAR™, NXDN™, dPMR™ and APCO P25. It has a large 4.3 inch color TFT touch screen display with fast spectrum scope and waterfall display. The advanced circuit employs modern SDR FPGA/DSP base architecture with traditional superheterodyne circuitry. Optional RS-R8600 PC remote control software allows control of all receiver functions. There is a convenient SD card slot for received log, decode log and voice recording. The rear panel features: 10.7 MHz IF Output, LAN Port, Mute Line, Reference I/O, U/I output, External speaker jack, AF/IF output, CI-V remote terminal, USB port, DC power input jack, S meter output jack, Aux., 3 antenna jacks (N/SO239/RCA) and ground terminal. The U/I signal output supports use with third-party SDR software and/or external decoding. **On showroom display and in stock for immediate shipment!** Requires Icom AD-55-NS power supply or similar 4 amp 12 VDC regulated external power supply. An optional Icom SP-39AD (#2039) external speaker with integrated power supply is available. The IC-R8600 is available in both consumer (#8086) and government (#5866) versions.

Full features, specifications, pricing and accessory list can be viewed on the Universal Radio website.

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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 / 5 p. Order #3773\$9.95

SHORTWAVE RECEIVERS PAST & PRESENT

1942-2013
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 URR. 800 p.
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Prices shown are after mfg's coupons.
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Thanksgiving is behind us but we still have a pile of holidays on the horizon. Now is a good time to get some radio related products at Universal Radio into the shack but dropping clever hints around the house. If you are interested in trying out some interesting software, see what member **Bob Raymond** has available (below). Enjoy the upcoming holidays and hopefully get some quality listening time in behind the dials. Happy holidays, everyone!

First item of news this month comes from Awards Manager **Gary Neal**. Gary informs us that "**John Miller** of Ochlocknee, GA has qualified for the Ecclesiastic DXer Award." Congratulations to John Miller on his accomplishment! Remember, the club's awards program is open to all. The Country List and Awards Program booklet is available at the club's website.

Bob Raymond, NE1I, of DXtreme Software announces that the latest version of his logging software for radio and TV monitoring enthusiasts is now available. DXtreme Monitor Log 11 lets listeners and DXers log the stations they've heard using advanced features that can enhance their monitoring experience. The Schedule Checker™ lets users import schedules from Aoki, EiBi, and FCC AM web sites and display schedule data according to the filter criteria they specify. A list box lets users switch between schedule types, and depending on the schedule type selected, users can filter schedule information by band, frequency, station, country, city, state, time of day, language, antenna direction, and target area. When the What's On Now? function is activated, the schedule refreshes automatically at the top of each hour for Aoki and EiBi schedules. For each schedule item, Schedule Checker queries the Monitor Log 11 database to let users know – through user-defined, fore-

ground and background display colors – whether they need to monitor a station for a brand-new or verified country. Schedule Checker also displays bearing and distance, runs optional Afreet Ham CAP1 propagation predictions, draws optional Afreet DX Atlas2 azimuth plots, tunes supported radios to schedule frequencies when users double-click schedule items 3 4 5, and starts log entries for scheduled stations monitored. Users can create customized paper and e-mail reception reports for sending to stations plus club report entries for reporting catches to clubs and magazines. When users add or display a log entry, Monitor Log 11 prepares a post announcing their DX catch and displays it on the Social Media Post tab. From there, users can drag the post to their favorite social media web sites to share their catch with others. Using the Script Editor window, users can create and edit scripts that format reception reports, eReports, and social media posts to their liking. The software prompts users to select the script they want to use. Dozens of scripts come with Monitor Log 11. Users can also print SWL and Address labels on industry-standard label stock, and send eQSL requests to hams automatically through the popular www.eQSL.cc site. There are a lot more features included in the package which can be seen on Bob's website. DXtreme Monitor Log 11 runs in 32- and 64-bit versions of Microsoft® Windows® 10, 8.1, 8, 7, Vista®, and XP. It retails for US\$89.99 worldwide for electronic distribution. Pricing for CD versions and upgrading users is available on their website. All prices include product support by Internet e-mail. For more information, visit www.dxtreme.com or contact Bob Raymond directly at bobraymond@dxtreme.com.


John Herkimer has prepared our standard December cover since December 1980 which was in the old "cut and paste" era of pub-

lications. The annual cover depicts a nice summary of the previous eleven months covers as a kind of year in review approach that has always been popular among the membership. As John's noted recently, "The end-of-year cover montage is a nice tribute to the club and the folks that work hard to keep it running." I know it has been one of my favorite features for a long time.

Teak Publishing has just released its *Winter 2017-2018 International Shortwave Broadcast Guide* (ISWBG) electronic book by member **Gayle Van Horn, W4GVH**. This semi-annual information resource is an electronic guide to the world of shortwave radio listening. The release of this book is very timely for international radio monitors given the recent outbreak of tensions in the world hotspots of Eastern Europe, Middle East, East Asia and specifically, the Korean Peninsula. If you want to get in on the action, then this Amazon electronic book is your ticket the travel the world via radio. The ISWBG is a 24-hour station/frequency guide to "all" of the known longwave, selected mediumwave and shortwave radio stations currently broadcasting at time of publication. This unique radio hobby resource is the "only" radio hobby publication that has by-hour station schedules that include all language services, frequencies and world target areas. New in this ninth edition of the ISWBG is a feature, "North Korea, leading the march to a Second Cold War" by ISWBG author Gayle Van Horn. This timely article will guide you through the various broadcasts medium from rogue regime in Pyongyang. Other authors in this edition include *The Spectrum Monitor's* **Fred Waterer**, former *Monitoring Times* columnist **Loyd Van Horn**, and **Hans Johnson**. There is also an

expanded special feature on Who's Who in the shortwave radio spectrum by former *Monitoring Times* editor and *Spectrum Monitor* e-zine columnist/feature writer **Larry Van Horn N5FPW**. This story covers services and frequencies outside the regular broadcast and amateur radio bands, and includes our new, exclusive Hot HF 1000+ non-broadcast frequency list. The 9th edition of the semiannual *International Shortwave Broadcast Guide* (Winter 2017-2018 edition) will be available worldwide from Amazon and their various international websites in mid-December 2017. Check the author's page at <https://www.amazon.com/Gayle-Van-Horn/e/B0084MVQCM/> for additional release details and a link to the new book when it is released. The price for this latest edition is still US\$7.99. Since this book is being released internationally, Amazon customers in the United Kingdom, Germany, France Spain, Italy, Japan, India, Canada, Brazil, Mexico and Australia can order this electronic book (e-Book) from Amazon websites directly servicing these countries. All other countries can use the regular Amazon.com website.

Speaking of holiday gifts, the 8th edition of the *Worldwide Listening Guide* is available from Universal Radio and Amazon. **John Figliozzi's** *Guide* explains radio listening in all its formats including shortwave. The *Worldwide Listening Guide* shows you how to access all of this audio content using different delivery platforms. Definitely worth adding to your listening shack resources.

That's it for this month. Enjoy this month's edition of the *Journal*; it's another good one. 

Musings

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Please e-mail musings as MS Word attachments to jalinebk@gmail.com or mail to 3581 Sunview Dr., Paradise, CA 95969-8106. Next deadline is December 27, 2017.

Eric Bueneman (NØUIH), 631 Coachway Lane, Hazelwood, MO 63042-1347, n0uiheric@gmail.com

October 2017 marked two anniversaries for me. On October 6, I celebrated 25 years as an Amateur Radio operator. It was on October 6, 1992 that I was granted my first Amateur Radio license by the FCC; a Technician Class ticket. I passed the Tech exams that summer, with one element passed at a Hamfest in Washington, MO and the other element passed at a Hamfest in St. Charles, MO. I have had the same call sign ever since, even with upgrades to a General Class ticket in June 2007 and an Extra Class ticket in May 2012. I am the second generation of my family to hold an Amateur Radio ticket. A second cousin on my mother's side of the family got his first Amateur Radio license in 1965; he operated from Rogersville, MO (outside Springfield) and later from Hollister, MO (near Branson). He built a pair of Heathkit rigs; he worked as a television repairman for Sears, Roebuck and Company in Springfield, MO. Today, I primarily operate in SSB mode on HF, 6 and 2 Meters, but have made some CW contacts on 6 Meters.

On October 21, I marked 36 years since I entered the DX hobby. On October 21, 1981, I purchased my first receiver, a Realistic DX-60 AM/FM/CB/SW portable. I was so excited to hear the world's shortwave broadcasters on their true frequencies, not on image frequencies above the AM broadcast band. I heard the likes of Radio Canada International, the Voice of America, WYFR and HCJB on the image frequencies above the AM broadcast band, not to mention Radio Moscow's relay via Cuba on 600 kHz. For a 15-year-old high school freshman, a whole new world opened up. I started by sending for QSL cards to U.S. and Canadian stations, followed by the other broadcasters of the world. My first QSL card came from WWV for reception on 10 MHz. Not long thereafter, I began building my own antennas, starting with one made from speaker wire and a hacksaw blade. With that antenna, I heard the Voice of Nigeria on 15120 kHz. By the end of that year, I also began seriously DXing the AM broadcast band, after casually listening to the 50,000-watt stations since I was 10 years old. I received my first monitor call in August of 1982, when I was given KDXØSTL (at my request) by WDX Monitoring Service. The next summer, I registered with the old World Listening Service as WLS-5MO. In October of 1984, I registered with CRB Research as KMOØCN. Within two years of starting in the hobby, I was also DXing the FM broadcast band and television. I upgraded to a Realistic DX-200 in October 1982 and a Realistic DX-400 in June of 1985. I've DXed from four locations in that period: my original QTH on Lamplight Lane from October 1981 to August 1988, Woodstock, GA from August 1988 to June 1991, Marietta, GA from June 1991 to June 1992, and at my present location since July 1992. Today, I DX not only shortwave, but also the AM and FM broadcast bands, digital (and the little analog left) TV and NOAA Weather Radio, as well as monitoring local public service communications. Little did I know that when I started in the hobby, I would be following in the footsteps of Rich Eddie and Terry Klasek, both long-gone St. Louis area DXers. My hobby also led me to become a radio announcer and studio engineer, finishing up as the morning DJ at a suburban St. Louis Jazz station.

Today, I have a Sangean ATS-803A portable receiver, which I mainly use for shortwave DX. I bought it at a Hamfest in October 1995. Also in the shack is a Yaesu FRG-7, which I bought at a Hamfest in January 2011. I built a 150-foot dipole, which I have in the attic, in the spring of 2010; the MFJ-1778 G5RV antenna I used for SWL applications since 1997 was shifted to Ham Radio when I bought an ICOM IC-745 HF transceiver. Most recently, I harkened back to the early days of our hobby by taking a DX handle. The handle I came up with represents the area I live in, along with my hobby.

73 and good DX from the Florissant Valley Dial Twister.

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



Listening Review

Alan Roe • 33 Atbara Road • Teddington, TW11 9PA, United Kingdom • alan-roe-sw1@mail.com

Hello and welcome to Listening Review for December.

Here is my updated list of music programs on Shortwave in English language for the B-17 period. I'll be producing a consolidated list including selected programs in non-English languages which I'll post to the Facebook page and to the yahoo group for you to download in early December. Alternatively, please email me, and I'll send you a copy by email as soon as it is ready.

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

0000-0100	su	Mighty KBC	The Giant Jukebox 5960-nau
0000-0100	su	WBCQ	Radio Timtron Worldwide 5130
0000-0100	mo	WBCQ	Grits Radio 5130
0000-0100	sa	WBCQ	Fred Flintstone's Music Show 7490
0000-0100	fr	WRMI	VORW R Int 7730-rmi
0000-0100	daily	WRMI	Oldies (<i>Bob Biermann</i>) (<i>irreg</i>) 9455
0000-0100	we	WRMI	Jazz From the Left 7730
0000-0100	su	WWCR	World Wide Country Radio 7520
0000-0100	sa	WWCR	Last Radio Playing (<i>Blues</i>) 5935
0015-0030	mo-sa	All India R GOS	Film music or duets; Indi-pop (<i>var</i>) 6045 9445 9690 9705 11645
0015-0025	su	V of Vietnam	Weekend Music 7315-hri
0035-0057	mo	R Havana Cuba	From Havana (<i>2-weekly</i>) 5040 9720
0040-0057	su	R Havana Cuba	Music with Message/The Jazz Place 5040 9720
0045-0057	sa	R Slovakia Int	Musical Crossroads 5850-rmi 11580-rmi
0100-0200	su	Mighty KBC	The Giant Jukebox 5960-nau
0100-0200	mo	WBCQ	R New York Int 5130 (<i>every other week</i>)
0100-0200	tu	WBCQ	From the Isle of Music 7490
0100-0200	su	WBCQ	Radio Timtron Worldwide 5130
0100-0200	fr	WBCQ/WRMI	VORW R Int 3215-rmi 7490-bcq
0100-0200	mo	WRMI	Countdown2.Christmas R 9395 9455
0100-0200	we,sa	WRMI	Jazz From the Left 9395 9455
0100-0115	su	WRMI	Mike's Gospel music 9395 9455
0100-0200	s-s,t-t	WRMI	Oldies (<i>Bob Biermann</i>) 9395 9455 (<i>su: 0115-</i>)
0100-0130	su	WWCR	Talking Machine Show 7520
0100-0200	sa	WWCR	Last Radio Playing (<i>Blues</i>) 4840 (<i>sa following 1st fr</i>)
0115-0125	su	V of Vietnam	Weekend Music 7315-hri
0130-0200	sa	R NewZealand Int	Music 101 15720
0130-0140	daily	R Romania Int	<i>su: All That Jazz mo: Music Time 6130 7325</i> <i>tu: Your Music we,sa: Truly Romanian</i> <i>th,fr: Music Highlights (Classical mx)</i> Weekend Playlist 2 9580
0200-0300	sa,su	KBS World R	Weekend Playlist 2 9580
0200-0300	sa	R NewZealand Int	Music 101 15720
0200-0300	tu-sa	RAE Argentina	<i>tu: Argentine Tango to the World 9395-rmi</i> <i>we: Folklore</i>
0200-0300	su	WBCQ	The Lumpy Gravy Radio Show 5130
0200-0300	mo	WBCQ	R New York Int 5130 (<i>every other week</i>)
0200-0230	mo	WRMI	Blues Radio International 9955
0200-0300	su	WTWW	Theater Organ From the Ozarks 5085
0200-0300	mo-sa	WTWW	Music Programme (<i>irreg</i>) 5085
0200-0230	su	WWCR	Musical Memories 3215

0200-0230	su	WWCR	Talking Machine Show 4840
0230-0300	fr	WRMI	Blues Radio International 9955
0235-0257	mo	R Havana Cuba	From Havana (2-weekly) 6000 6165
0240-0257	su	R Havana Cuba	Music with Message/The Jazz Place 6000 6165
0300-0330	mo	R Prague	Sunday Music Show 9395-rmi
0300-0400	su (irr)	WBCQ	Lost Discs Radio Show 5130 (every 4-6 weeks)
0300-0400	mo	WBCQ	R New York Int 5130 (every other week)
0300-0400	dly(irr)	WTWW	Music Programme (irreg) 5085
0330-0355	mo	R Taiwan Int	Jukebox Republic 15320
0335-0357	mo	R Havana Cuba	From Havana (2-weekly) 6000 6165
0335-0400	sa	R NewZealand Int	Music 101 15720
0335-0355	we	R Taiwan Int	Jade Bells and Bamboo Pipes 15320
0340-0357	su	R Havana Cuba	Music with Message/The Jazz Place 6000 6165
0400-0430	mo	R Prague	Sunday Music Show 9395-rmi
0400-0500	su (irr)	WBCQ	Lost Discs Radio Show 5130 (every 4-6 weeks)
0400-0500	daily	WRMI	Oldies (Bob Biermann) 9395
0400-0430	tu	WRMI	Blues Radio International 9955
0400-0500	dly(irr)	WTWW	Music Programme (irreg) 5085
0430-0440	daily	R Romania Int	su: All That Jazz mo: Music Time 6020 7410 9800(drm) 11790 tu: Your Music we,sa: Truly Romanian th,fr: Music Highlights (Classical mx)
0430-0450	daily	V of Turkey	Music selection (varying time) 6125 7240
0435-0457	mo	R Havana Cuba	From Havana (2-weekly) 6000 6165
0440-0457	su	R Havana Cuba	Music with Message/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) 9395
0500-0600	dly(irr)	WTWW	Music Programme (irreg) 5085
0500-0530	mo	WWCR	Talking Machine Show 4840
0510-0530	sa	NHK R Japan	Hit Tunes (1st)/Music Journey (2nd) 6155-mos 9770-iss
0515-0530	th	NHK R Japan	Japanese Pop Culture (1st th) 6155-mos 9770-iss
0535-0557	mo	R Havana Cuba	From Havana (2-weekly) 6000 6165
0540-0557	su	R Havana Cuba	Music with Message/The Jazz Place 6000 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	daily	WRMI	Oldies (Bob Biermann) 9395 9455
0600-0700	dly(irr)	WTWW	Music Programme (irreg) 5085
0600-0700	su-mo	WWCR	World Wide Country Radio 3215(su) 4840
0600-0700	tu	WWCR	World Wide Country Radio 5935
0606-0700	sa	R NewZealand Int	Saturday Night with Paul Brennan 11725
0630-0700	th	R NewZealand Int	New Horizons 11725
0635-0657	mo	R Havana Cuba	From Havana (2-weekly) 5040 6000 6060 6100 6165
0640-0657	su	R Havana Cuba	Music with Message/The Jazz Place 5040 6000 6060 6100 6165
0645-0655	th	R France Int - Af	World Music Matters 9735-iss
0700-0800	daily	R Marabu	Varied mx (some occ in Engl). 6150-dat (via Europa24)
0700-0800	sa	R NewZealand Int	Saturday Night with Paul Brennan 11725
0700-0800	tu-sa	RAE Argentina	tu: Argentine Tango to the World 5850-rmi 7730-rmi we: The Folklore Reality
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) 9395 9455
0700-0800	sa	WWCR	World Wide Country Radio 4840
0708-0800	su	R NewZealand Int	Sunday Night with Grant Walker 11725
0735-0757	mo	R Havana Cuba	From Havana (2-weekly) 6000 6060 6100 6165
0740-0757	su	R Havana Cuba	Music with Message/The Jazz Place 6000 6060 6100 6165
0800-0900	sa,w,th	Channel 292	su: SuperClan R we: R Ohne Namen 6070-roh sa: R Waves Int

0800-0900	daily	R Marabu	Varied mx (some occ in Engl). 6150-dat (via Europa24)
0800-0900	su	R NewZealand Int	Sunday Night with Grant Walker 9765
0800-0900	sa	R NewZealand Int	Saturday Night with Paul Brennan 9765
0800-0900	daily	WRMI	Oldies (Bob Biermann) 9395 9455
0800-0900	mo-fr	WWCR	Inspirations Across America 4840 (Gospel Rock)
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	IRRS	Radio City 9510-sof
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	daily	R Marabu	Varied mx (some occ in Engl). 6150-dat (via Europa24)
0900-1000	mo	R Mi Amigo Int	Cpt. Kord: Now & Tha(e)n 6085-kll
0900-1000	fr	R Mi Amigo Int	Bob Lawrence: Buzbys Big Box 6085-kll
0900-1000	sa	R Mi Amigo Int	Emperor Rosko: LA Connection 6085-kll
0900-1000	sa	R NewZealand Int	Saturday Night with Paul Brennan 9765
0900-1000	daily	WRMI	Oldies (Bob Biermann) 9395 9455
0905-0930	su	V of Mongolia	Sunday music programme 12035
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	mo-sa	New Sw Station	varied pop/oldies 6160 (Testing)
1000-1100	daily	R Marabu	Varied mx (some occ in Engl). 6150-dat (via Europa24)
1000-1100	su	R Mi Amigo Int	Peter van Dam: Soundtrack of 70s 6085-kll
1000-1100	mo	R Mi Amigo Int	Cpt. Kord: Now & Tha(e)n 6085-kll
1000-1100	fr	R Mi Amigo Int	Bob James: The Man Cave 6085-kll
1000-1100	sa	R Mi Amigo Int	Emperor Rosko: LA Connection 6085-kll
1000-1100	sa	R NewZealand Int	Saturday Night with Paul Brennan 9765
1000-1030	tu	WRMI	Blues Radio International 5850
1000-1100	th	WRMI	VORW R Int 5850
1000-1100	daily	WRMI	Oldies (Bob Biermann) 9395
1006-1100	su-fr	R NewZealand Int	su: The Retro Cocktail Hour 9765 mo: Nashville Babylon tu: Worlds of Music we: Inside Out th: Music 101 Pocket Edition fr: The Mixtape
1010-1030	we	KBS World R	Sounds of Korea 9770
1015-1030	fr-we	All India R GOS	Hindustani Music (various) (incl: mo: Folk songs) 7270 13605 13695 15410 15770 17895
1015-1025	sa	V of Vietnam	Weekend Music 9840 12020
1040-1050	sa-th	All India R GOS	Film music or duets; except: 7270 13605 13695 15410 15770 17895 (exc: mo,tu: Indi-pop)
1100-1200	mo-sa	New Sw Station	varied pop/oldies 6160 (Testing)
1100-1200	daily	R Marabu	Varied mx (some occ in Engl). 6150-dat (via Europa24)
1100-1200	su	R Mi Amigo Int	Bob Lawrence: Buzbys Big Box 6085-kll 7310-kll
1100-1200	mo	R Mi Amigo Int	Ron O'Quinn: Time Machine 6085-kll (from Jan: Rock 'N Roll Rewind)
1100-1200	fr	R Mi Amigo Int	Bill Rollins: Rollin' the airwaves 6085-kll
1100-1200	sa	R Mi Amigo Int	Cpt. Kord: Mi Amigo Radio Shack 6085-kll 7310-kll
1100-1200	daily	WRMI	Oldies (Bob Biermann) 9395
1100-1130	sa	WWCR	Talking Machine Show 4840
1105-1200	su	R NewZealand Int	Hymns on Sunday 11610
1105-1130	sa	R NewZealand Int	Music after Midnight 11610
1110-1130	sa	NHK R Japan	Hit Tunes (1st)/Music Journey (2nd) 11825-sng
1115-1130	th	NHK R Japan	Japanese Pop Culture (1st th) 11825-sng
1130-1155	mo	R Taiwan Int	Jukebox Republic 7445 11600
1135-1155	we	R Taiwan Int	Jade Bells and Bamboo Pipes 7445 11600
1145-1155	sa	V of Vietnam	Weekend Music 9840 12020

1200-1300	sa	Channel 292	From The Isle of Music 6070-roh
1200-1300	daily	R Marabu	Varied mx (<i>some occ in Engl</i>). 6150-dat (<i>via Europa24</i>)
1200-1300	su	R Mi Amigo Int	Bruno Hantson: Bruno's Soulbox 6085-kll 7310-kll
1200-1300	mo	R Mi Amigo Int	Ron O'Quinn: Time Machine (<i>from Jan: Rock 'N Roll Rewind</i>) 6085-kll
1200-1300	fr	R Mi Amigo Int	Cpt. Kord:Jukebox/Personal Top11 6085-kll
1200-1300	sa	R Mi Amigo Int	Paul Graham: Soundtrack of 60s 6085-kll 7310-kll
1205-1300	sa	WWCR	World Wide Country Radio 4840
1215-1227	fr	R Slovakia Int	Musical Crossroads 6005-kll
1230-1259	su	IRRS	16 Gwendoline Street 9510-sof
1230-1240	daily	R Romania Int	<i>su</i> : All That Jazz <i>mo</i> : Music Time 15460 17650 17765 21490 <i>tu</i> : Your Music <i>we,sa</i> : Truly Romanian <i>th,fr</i> : Music Highlights (<i>Classical mx</i>)
1235-1300	sa	R NewZealand Int	Music with Graeme Downes 11610
1245-1255	sa	V of Vietnam	Weekend Music 9840 12020
1300-1400	sa	Channel 292	sIBC Radio 6070-roh
1300-1400	sa,su	KBS World R	Weekend Playlist 2 9570 15575
1300-1400	daily	R Marabu	Varied mx (<i>some occ in Engl</i>). 6150-dat (<i>via Europa24</i>)
1300-1400	daily	R Mi Amigo Int	Hello Europe! & other pgms 6085-kll 7310-kll(<i>sa,su</i>)
1300-1330	mo	R Prague	Sunday Music Show 9955-rmi
1300-1400	sa,su	V of Hope-Africa	Music in the Afternoon 9680 13680 (<i>su</i> : 1330-)
1340-1357	sa	R Tirana	Folk Traditional Music 6005-kll
1345-1355	daily	All India R GOS	Light or film music & duets 9690 13720
1345-1357	we	R Tirana	Hits Through the Years 6005-kll
1345-1357	fr	R Tirana	Music (<i>modern</i>) 6005-kll
1345-1355	sa	V of Vietnam	Weekend Music 9840 12020
1350-1357	th	R Tirana	Music (<i>modern</i>) 6005-kll
1400-1500	fr	Channel 292	R Ohne Namen 6070-roh
1400-1500	sa,su	KBS World R	Weekend Playlist 1 (<i>Hour 1</i>) 9630
1400-1500	mo-sa	New Sw Station	varied pop/oldies 6160 (<i>Testing</i>)
1400-1500	daily	R Marabu	Varied mx (<i>some occ in Engl</i>). 6150-dat (<i>via Europa24</i>)
1400-1500	su	R Mi Amigo Int	Paul Graham: Soundtrack of 60s 6085-kll 7310-kll
1400-1500	mo	R Mi Amigo Int	Cpt. Kord: Now & Tha(e)n 6085-kll
1400-1500	th	R Mi Amigo Int	Soul Classics (<i>th after last su</i>) 6085-kll
1400-1500	sa	R Mi Amigo Int	Peter van Dam: Manneke Pop 6085-kll 7310-kll
1400-1500	daily	R Sultanate Oman	Usually Western/English pops 15140 (<i>News 1430-1445v</i>)
1400-1420	daily	V of Turkey	Music selection (<i>varying time</i>) 12035
1405-1500	dly(irr)	V of America	VOA1 - The Hits (<i>irreg</i>) 4930-bot 15580-bot 17885-bot
1410-1455	daily	All India R GOS	Film music & duets; Indi-pop (<i>var</i>) 9690 13720
1410-1500	mo-fr	KBS World R	K-Pop Connection 9630
1410-1430	sa	NHK R Japan	Hit Tunes (<i>1st</i>)/Music Journey (<i>2nd</i>) 9560-tac 11925-hbs
1415-1430	th	NHK R Japan	Japanese Pop Culture (<i>1st th</i>) 9560-tac 11925-hbs
1500-1600	mo	Channel 292	R Ohne Namen 6070-roh
1500-1600	sa,su	KBS World R	Weekend Playlist 1 (<i>Hour 1</i>) Hour 1: 9515 Hour 2: 9630
1500-1600	mo-fr	KBS World R	K-Pop Connection 9515 9630
1500-1600	sa	Mighty KBC	The Giant Jukebox 9400-sof
1500-1600	mo-sa	New Sw Station	varied pop/oldies 6160 (<i>Testing</i>)
1500-1600	daily	R Marabu	Varied mx (<i>some occ in Engl</i>). 6150-dat (<i>via Europa24</i>)
1500-1600	daily	R Mi Amigo Int	Various pgms 6085-kll
1500-1600	irreg	R Sultanate Oman	Usually Western/English pops 15140 (<i>irreg ex1400-1500</i>)
1500-1600	su	SpaceLine	From the Isle of Music 9400-sof
1500-1600	sa,su	V of Hope-Africa	Music in the Afternoon 9680 13680
1505-1600	daily	V of America	<i>sa-su</i> : Music Time in Africa 4930-bot 7455-bot 15580-bot 17895-sao <i>mo-fr</i> : Border Crossings
1515-1525	sa	V of Vietnam	Weekend Music 9840 12020

1530-1555	su	R Taiwan Int	Jukebox Republic 11685
1535-1555	tu	R Taiwan Int	Jade Bells and Bamboo Pipes 11685
1535-1600	su	V of Mongolia	Sunday music programme 12015
1545-1557	fr	R Slovakia Int	Musical Crossroads 6005-kll
1600-1700	sa,su	KBS World R	W/E Playlist1 (<i>Hour 2</i>) / Playlist2 Hr 2: 9515 P'list 2: 9640 9630
1600-1610	mo-fr	KBS World R	K-Pop Connection 9515 9630
1600-1700	daily	R Marabu	Varied mx (<i>some occ in Engl.</i>) 6150-dat (<i>via Europa24</i>)
1600-1700	su	R Mi Amigo Int	Bruno Hantson: All Time Soul 500 6085-kll
1600-1700	mo	R Mi Amigo Int	Paul Graham: Mi Amigo Classics 6085-kll
1600-1700	fr	R Mi Amigo Int	Bob James: The Man Cave 6085-kll
1600-1700	su	SpaceLine	VORW R Int 9400-sof
1600-1630	mo-fr	V of Hope-Africa	Lombe Machilika: Mx in the Evening 4965 6065
1600-1700	su	WWCR	Nashville Cowboy Church 12160
1615-1625	sa	V of Vietnam	Weekend Music 7220 7280 9550 9730
1630-1655	su	R Taiwan Int	Jukebox Republic 9405
1630-1650	sa, (su)	V of America	Nightline Africa - Music from Af (<i>irr on sun</i>) 4930-bot 6080-sao 15580-bot 17895-smg
1635-1655	tu	R Taiwan Int	Jade Bells and Bamboo Pipes 9405
1645-1657	fr	R Slovakia Int	Musical Crossroads 6005-kll
1700-1800	su	R Mi Amigo Int	Cpt. Kord:Jukebox/Personal Top11 6085-kll
1700-1800	mo	R Mi Amigo Int	Johnny Lewis: Mi Amigo Classics 6085-kll
1700-1800	fr	R Mi Amigo Int	Bill Rollins: Rollin the airwaves 6085-kll
1700-1800	sa	R Mi Amigo Int	Bruno Hantson: All Time Soul 500 6085-kll
1700-1800	mo-fr	V of Hope-Africa	Lombe Machilika: Mx in the Evening 4965 6065 (<i>except 1730-1745</i>)
1705-1747	su	R NewZealand Int	Hymns on Sunday 5975(<i>drm</i>)
1730-1800	sa	WWCR	Musical Memories 12160
1745-1800	daily	All India R GOS	Devotional Music 7550 9445 9950 11935 13695 17670
1800-1900	su	Channel 292	R Ohne Namen 6070-roh
1800-1900	daily	R Kuwait	Mix of talk and western mx 15540(<i>drm</i>)
1800-1900	su	R Mi Amigo Int	Soul Classics (<i>last su of month</i>) 7570-tac (<i>alt 11845-arm</i>)
1800-1900	mo-fr	R Mi Amigo Int	Hello Europe! 3985-kll
1800-1900	mo-fr	V of Hope-Africa	Lombe Machilika: Mx in the Evening 4965 6065 (<i>except 1830-1845</i>)
1800-1820	daily	V of Turkey	Music selection (<i>varying time</i>) 11730
1800-1900	daily	WRMI	Oldies (<i>Bob Biermann</i>) 9455 9395
1800-1830	sa	WWCR	Talking Machine Show 12160
1810-1830	sa	NHK R Japan	Hit Tunes (<i>1st</i>)/Music Journey (<i>2nd</i>) 11800-mey
1815-1830	fr-we	All India R GOS	Hindustani classical or light music 7550 9445 9950 11935 13695 17670
1815-1830	th	NHK R Japan	Japanese Pop Culture (<i>1st th</i>) 11800-mey
1820-1900	daily	Bangladesh Beta	Local & western mx (<i>varying time</i>) 13580
1830-1840	daily	R Romania Int	sa: All That Jazz su: Music Time 5935 7350(<i>drm</i>) mo: Your Music tu,fr: Truly Romanian we,th: Music Highlights(<i>Classical mx</i>)
1830-1850	sa, (su)	V of America	Nightline Africa - Music from Af (<i>irr on su</i>) 4930-bot 13590-udo 15580-bot
1900-2000	tu	Channel 292	From the Isle of Music 6070-roh
1900-2000	fr	IRRS	Radio City (<i>3rd Fri</i>) 7290-sof (<i>or irreg: 2nd/4thfri</i>)
1900-2000	daily	R Kuwait	Mix of talk and western mx 15540(<i>drm</i>)
1900-2000	su	R Mi Amigo Int	Inside R Mi Amigo (<i>last su of month</i>) 7570-tac (<i>alt 11845-arm</i>)
1900-2000	daily	WRMI	Oldies (<i>Bob Biermann</i>) 9455 9395
1900-2000	sa	WTWW	Theater Organ From the Ozarks 9930
1915-1925	sa	V of Vietnam	Weekend Music 7280 9730
1920-1945	daily	All India R GOS	Film music or duets: Indi-pop (<i>various times</i>) 7550 9445 9950 11935 13695 17670
1940-2000	sa	NHK R Japan	Hit Tunes (<i>1st</i>)/Music Journey (<i>2nd</i>) 9485-smg 9625-yam

1945-2000	th	NHK R Japan	Japanese Pop Culture (<i>1st th</i>) 9485-smg 9625-yam
2000-2100	mo-sa	New Sw Station	varied pop/oldies 3975 or 6160 (<i>Testing</i>)
2000-2100	daily	R Kuwait	Mix of talk and western mx 15540(<i>drm</i>)
2000-2100	daily	V of America	<i>sa,su</i> : Music Time in Africa 4930-bot 4960-sao(2030-)(<i>sa,su</i>) <i>mo-fr</i> : African Beat 6195-bot 15580-bot
2000-2020	daily	V of Turkey	Music selection (<i>varying time</i>) 6050
2000-2100	th	WRMI	VORW R Int 11580
2000-2100	daily	WRMI	Oldies (<i>Bob Biermann</i>) 9395 (<i>or mo-sa only</i>)
2000-2100	su	WRMI	VORW R Int 9395 (<i>or at 2100</i>)
2015-2027	fr	R Slovakia Int	Musical Crossroads 3985-kl1
2035-2057	su	R Havana Cuba	From Havana (<i>2-weekly</i>) 15140
2040-2057	sa	R Havana Cuba	Music with Message/The Jazz Place 15140
2045-2055	sa	V of Vietnam	Weekend Music 7220 9550
2050-2100	daily	All India R GOS	Hindustani light or Carnatic music, or Regional/folk song 7550 9445 9910 9950 11620 11740
2100-2200	mo-sa	New Sw Station	varied pop/oldies 3975 or 6160 (<i>Testing</i>)
2100-2200	daily	WRMI	Oldies (<i>Bob Biermann</i>) 9395 (<i>or mo-sa only</i>)
2100-2200	su	WRMI	VORW R Int 9395 (<i>or at 2000</i>)
2100-2200	mo	WWCR	Inspirations Across America 9350 (<i>Gospel Rock</i>)
2105-2200	daily	V of America	<i>su</i> : Country Hits <i>mo</i> : Soul Lounge 6195-sao 15580-grv <i>tu,we,sa</i> : The Hits <i>th</i> : Top 20 Countdown <i>fr</i> : Music Time in Africa
2110-2200	daily	All India R GOS	Hindustani classical or instrumental music (<i>various times/days</i>) 7550 9445 9910 9950 11620 11740
2145-2155	sa	V of Vietnam	Weekend Music 7280 9730
2200-2300	sa,su	KBS World R	Weekend Playlist 2 11810
2200-2220	daily	V of Turkey	Music selection (<i>varying time</i>) 9610
2200-2300	su	WBCQ	Marion's Attic 7490
2200-2300	fr	WBCQ	Behaviour Night 7490
2200-2300	daily	WRMI	Oldies (<i>Bob Biermann</i>) 9395 9455
2230-2300	we	WBCQ	Goddess Irena 1 Music Show 7490
2230-2300	we	WRMI	Blues Radio International 5850
2245-2300	daily	All India R GOS	Devotional Music 6045 9445 9690 9705 11645
2300-2330	su	WBCQ	Uncle Bill's Melting Pot 7490
2300-2400	th	WBCQ	VORW R Int 7490
2300-2400	daily	WRMI	Oldies (<i>Bob Biermann</i>) 9395 9455
2310-2327	sa	R Tirana	Folk Traditional Music 5850-rmi
2315-2330	daily	All India R GOS	Hindustani light or Carnatic music or Regional/folk song 6045 9445 9690 9705 11645
2315-2327	we	R Tirana	Hits Through the Years 5850-rmi
2315-2327	fr	R Tirana	Music (modern) 5850-rmi
2320-2327	th	R Tirana	Music (modern) 5850-rmi
2330-0000	su	R Prague	Sunday Music Show 5850-rmi
2330-2340	daily	R Romania Int	<i>sa</i> : All That Jazz <i>su</i> : Music Time 5980 7220 7325 9620 <i>mo</i> : Your Music <i>tu,fr</i> : Truly Romanian <i>we,th</i> : Music Highlights(<i>Classical mx</i>)
2330-2350	daily	V of Turkey	Music selection (<i>varying time</i>) 5960
2345-2355	sa	V of Vietnam	Weekend Music 9840 12020
2350-2400	daily	All India R GOS	Film music or duets; Indi-pop (various times) 6045 9445 9690 9705 11645

Please let us know if you listen to any of the above (and also any comments you have about those programs), or if you have any additions to the above list.

Until next time, 73's Alan



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A perfect storm that could bring back shortwave

A November 15 piece by Timothy Karr at the Moyers & Company website (<http://bit.ly/2hDwGm1>) summarizes ongoing media developments that might eventually revive a need for shortwave to get news.

"[W]hile [President] Trump is attacking reporters on the front lines, he's quietly granting massive favors to any giant media company that's willing to toe the administration line. His lead henchman on this front, Federal Communications Commission Chairman Ajit Pai, has operated more discreetly to restructure media policy to suit a handful of news conglomerates."

One such conglomerate is Sinclair Broadcasting Group. Chances are Sinclair already owns one or more television stations in your market. The editorial stance of Sinclair is pro-Trump. Sinclair and Fox together have formed what has been described as "state broadcasting."

If the elimination of broadcast ownership limits diminishes the quality of journalism in your community, there is always the internet, right? Well, maybe not. Another initiative of Chairman Pai is to eliminate net neutrality. This is described by the New York Times as a move to "dismantle landmark regulations that ensure equal access to the internet, clearing the way for internet service companies to charge users more to see certain content and to curb access to some websites." (nyti.ms/2hJawLw)

Mostly this will serve to provide telecoms with ways to monetize the internet. Premium pricing may be required to access certain content or types of content. But internet providers could also limit content

that does not conform with their corporate viewpoint, or — for reasons of self-preservation — content that might incur the displeasure of whatever administration happens to be in power.

If journalism in the United States is squeezed, there are alternatives outside the United States. The BBC and the Guardian are two prime examples. But the internet-delivered content of those news organizations could become more difficult to access as the net-non-neutrality policy evolves.

And, so, BBC might regret its decision in 2001 to eliminate shortwave to North America. As would other international broadcasters who have eliminated their shortwave mission plants.

Whither CNN?

AT&T is attempting a corporate acquisition of Time Warner. The (Trump) Justice Department has filed an antitrust lawsuit to block the merger. There have been reports that the DOJ has demanded that the merger partners sell Turner Broadcasting before the deal is approved. CNN is part of Turner Broadcasting.

President Trump's animosity towards CNN is well known. Mark Joseph Stern in Slate: "Could the government be using antitrust as a pretext to retaliate against a news outlet it dislikes? Absolutely. The Trump administration's sudden and selective antitrust enforcement may very well be a front for an unconstitutional effort to punish expression it opposes." (slate.me/2jgv0eS)

CNN, despite its occasional mistakes and regrettable talking heads shows, is one of the broad-shouldered mainstays of American journalism. It has the chops to cover news around the world, as well as the many

aspects of U.S. news. Its CNN International (much better than CNN domestic) is the de facto "voice of America" to the English-speaking world. By most accounts, it is the most watched global English news channel, ahead of BBC World News and Al Jazeera English.

If Turner Broadcasting is divested to accommodate the merger, CNN would become an orphan. It would not have the bankroll of its corporate parent to expand its news coverage or to cover major events. CNN would be vulnerable to absorption by Lord-only-knows what entity. (Sinclair? News Corp?) CNN may no longer be one of the few journalistic organizations that can act as a bulwark against fake news.

All of the developments described above could create a scenario of news scarcity in the United States. This would be similar to situations in other countries where a substantial percentage of the population is compelled to turn to foreign media. If the American internet is no longer the unfettered conduit to diverse information sources that it is now, serious news consumers will have to turn to other media.

Satellite television is one possibility. It won't be DirecTV and DISH, which will likely face restrictions of their own. American newshounds will have to turn to non-mainstream platforms such as Globecast. But the satellite companies might themselves be under pressure to eliminate channels not in favor with an administration.

Shortwave radio is the other possibility. It is more compact, less conspicuous, and cheaper than satellite TV. In some ways it's simpler. There is, unfortunately, a paucity of shortwave transmitters capable of reaching the United States with the big signals required for inexpensive radios and whip antennas. In the past ten years, we have witnessed a massacre of Western Hemisphere shortwave sites: Sackville, Antigua, Montsinnery, Cariari, Quito, and others. New facilities would have to be built, at considerable expense.

Text via shortwave as an internet substitute

This would be a good opportunity to plug the Shortwave Radiogram project (<http://swradiogram.net>), successor to the VOA Radiogram project.

A problem with depending on shortwave radio for news is that it relies on the human voice. Spoken-word radio can be satisfactory for concise news bulletins (the old eight-minute newscasts on BBC World Service are an excellent example). For longer stretches of current affairs coverage, especially on shortwave, attention can flag, and comprehension can be compromised. And unless a recording device is activated, there is only one chance to consume such information.

VOA Radiogram and Shortwave Radiogram have placed the digital text modes familiar to amateur radio onto analog shortwave broadcast transmitters. These can be broadcast by any shortwave transmitter. A new or modified transmitter such as required for DRM is not necessary. They can be received by any shortwave radio, even an inexpensive portable with no SSB capability. Radios capable of receiving text and images in this fashion are therefore much more plentiful, and cheaper, than DRM capable receiver.

The strange sounding tones of the digital modes do need to be patched into a PC or Android device, where free software (Fldigi for PCs, TIVAR for Android) converts the tones to text and images. Maybe someday all the necessary hardware and software can be in one box. In any case, text via shortwave works better than voice via shortwave. It is more forgiving of difficult conditions. And it is certainly more forgiving than DRM, whose signals disappear in the face of modest adversity.

Visit swradiogram.net and www.kimandrewelliott.com.



Shortwave Center

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Under our tree this month is some news from Papua New Guinea that would be a great present to all of us if it every came to fruition. Then, one of today's most powerful (transmitter-wise) stations celebrates 89 years. Rich D'Angelo profiles Swaziland's Trans World Radio. Finally, in a shameless self-promoting act there's a book review. (Hey, at least I didn't write the review myself!) Season's Greetings!

SHORTWAVE NEWS

PNG Minister Proposes Revival of Provincial Shortwave

November 6, 2017

The Papua-New Guinea Post Courier

Minister for Communication, Information Technology and Energy Sam Basil wants all 22 provinces to have short wave frequency radio stations. He said this during the Central Province assembly induction program last week Friday in Port Moresby.

"My role as the minister is to make sure that we go back to all the 22 provinces to make sure that we revive the radio stations," Mr Basil said.

He said most of the radio stations currently using frequency modulation (FM) face the problem of signal loose in the rural settings as it is only powered by repeater and could not be able to penetrate when it meets obstacles.

"This is to ensure that people are kept informed and in tuned with the govern-

ment of the day," Mr Basil said. He said to achieve this he will need the assistance of each local PMs of the 22 provinces.

"We will also require the support of the provincial government and administration for my department to roll out the program because I believe that the past decision made by previous government that transfers the provincial radio assets back to the provinces, the National Broadcasting Corporation and Department of Communication took the step back because there's no funding to make sure we maintain those asset.

"I want to go short wave and we want to bring back to all the provinces capital in Papua New Guinea through National Broadcasting Corporation so that people in the mountains can have excess to communication," Mr Basil said.

SHORTWAVE STATION PROFILE

89 Years of Radio Broadcasting Radio Romania International

November 11, 2017
rri.ro

Ten years after WWI and the unification of Greater Romania, the most efficient

and popular means of communication was first introduced in Romania: the radio. On November 1, 1928, the newly founded Romanian Radio Broadcasting Corporation aired its first broadcast. From the very beginning

the radio was described as a means of public information, education and entertainment.

This year Radio Romania celebrates 89 years of continuous radio broadcasting. Despite having to constantly adapt its editorial policies, the public radio survived each radical change on the political spectrum, from the interwar democracy to right-wing dictatorships around the Second World War, and from the communist dictatorship to the democracy restored after the anti-communist revolution of 1989. For years now the Romanian Radio Broadcasting Corporation has been considered one of the most trustworthy and reputed media institutions in Romania, due to its large number of listeners.

Radio Romania addresses all generations and caters for all tastes, addressing society as a whole. It consists of channels with nationwide coverage, Radio Romania News and Current Affairs, Radio Romania Culture, Radio Romania Music and the Village Antenna, as well as regional and local studios, Internet platforms and a children's and youth station. The Romanian public radio has started broadcasting abroad ever since the 1930s.

Today, Radio Romania International tries to keep both international audiences and

DX TARGET

Romanians living abroad up to date with news from Romania and our traditional values. RRI broadcasts in 11 languages: Arabic, Chinese, English, French, German, Italian, Serbian, Spanish, Russian, Ukrainian and starting this year, Hebrew, as well as in Romanian and the Aromanian dialect. Its target audience virtually includes the entire world, from Alaska to Australia, from Argentina to the Russian Far East.

Nearly nine decades since its first broadcast, Radio Romania continues to innovate, to reinvent itself and to adapt to the ever-increasing market competitiveness and legislative changes. One such change was the recent scrapping of the radio license fee, traditionally covered by taxpayers, which now means the institution is fully funded by the state, amidst criticism from the political, civil and journalistic fields over editorial interference.

Similarly, other voices from outside or within the institution have over the years signaled controversial managerial practices of successive administrations. Thanks to its professionals, however, Radio Romania remains the leading media institution in the country to date.

Trans World Radio, Swaziland

Over Forty Years of Broadcasting from Swaziland

By Richard A. D'Angelo

Trans World Radio, commonly referred to as TWR, is a multi - international evangelical Christian media distributor. It has operated in the shortwave spectrum for many years. TWR was founded by the late Dr. Paul E. Freed on 11 February 1952, as a nonprofit organisation. In an attempt to reach the people of Spain, Dr. Freed realized that radio would be ideal to reach those in that spiritually needy land. He discovered an open door to establish a missionary radio station in Tangier, Morocco using a 2,500 watt former Army transmitter. TWR would

later role out in the subsequent years in different countries using different languages.

TWR is the largest Christian media organization in the world, it uses mediumwave or high-powered AM and shortwave transmitters, local FM radio stations, cable, satellite, Internet, and mobile device technologies to reach its target audiences. Currently, their programs can be heard in 160 countries in more than 230 languages and dialects. TWR distributes programs for ministries such as Thru the Bible, In Touch, and Insight for Living as well as their own programs. TWR is a member of Evangelical Council for

Financial Accountability, Evangelical Press Association, National Religious Broadcasters, and International Orality Network.

Trans World Radio, one of the world's early religious broadcasters utilizing shortwave, actually started out as the Voice of Tangier,

then leased back to TWR. In 1964 TWR opened a 250 kW shortwave transmitter, and 500 kW mediumwave, on Bonaire, from which it would broadcast on shortwave until 1993. Another transmitter came into use in Swaziland in 1974, first at 25 kW, later 100 kW, and this was followed in 1977 by a 100 kW station, KTWR, on Guam. Shortwave was added to mediumwave in Sri Lanka from 1987 to 1989, and again from 1993 to 1995. Swaziland and Guam are still on shortwave. Over the years TWR has broadcast on shortwave from many

other relay locations on a leased-time basis.

This DX target will focus on TWR shortwave broadcasting operations in Swaziland which is based in Manzini.

The Manzini Station

Transmissions began from a strategically placed shortwave transmitter in Manzini in the Kingdom of Swaziland on 1 November 1974 and it broadcast to Arab countries in North East Africa, the Middle East and other parts of Africa with programs offering practical information and daily advice along with biblical teaching. Today the transmitter in Swaziland broadcasts in 34 languages.

TWR Africa, with headquarters outside Johannesburg, coordinates a busy radio schedule broadcast from Swaziland and featuring many internationally renowned broadcasters as well as regionally produced and focused programs such as *Witness at the Water*, *Africa Challenge*, *Foundations for Farming* and *Tools for Wise Leadership*.

Trans World Radio Africa has a technical team of about 12 people. These people work in the areas of transmitter operation and maintenance, audio recording and playout, and studio and information technology. TWR broadcasts from various transmitter sites in Africa including the TWR Swaziland and TWR South Africa sites on shortwave and the West Africa Transmitting Station on medium wave (AM). In addition, TWR

the location from which it operated from 1954 until 1959, the year private stations in Tangier were required to close down. The following year the station was rebranded Trans World Radio and commenced transmissions from Monaco over a 100 kW transmitter purchased for Radio Monte Carlo and

broadcasts programs via several TWR-owned FM radio networks, various partner FM radio stations and two satellite channels that offer satellite-to-home services to various parts of the continent. To support this network of transmitters in Africa, TWR has studios in eight different countries and a playout center located in Johannesburg, South Africa.

On achieving forty years of broadcasting on October 31, 2014, the staff of TWR joined churches, partners and other friends in celebrating four decades of broadcasting from the ministry's powerful transmitter complex in Swaziland. Simultaneous commemorative events featuring songs of praise, speeches, testimonies and prayer were held Friday, October 31, 2014, at the transmitter site near Manzini and Croydon Baptist Church in Kempton Park, South Africa, where the headquarters of TWR Africa is located.

The Facilities

The Manzini operation comprises three 100-kilowatt transmitters, a 50-kilowatt transmitter and five antenna arrays. The staff was honored during a transmitter dedication ceremony in 1999 to hear the remarks of the Swaziland king, Mswati III Ngwenyama: "TWR's broadcasts to Africa have helped to put Swaziland on the map of the world. Everywhere the listeners know that TWR broadcasts from Manzini, Swaziland."

Several years ago, TWR was able to replace its old medium wave transmitter in Swaziland with a 50,000-watt transmitter that produces a clearer, stronger signal, with the conversion costs being covered by what they are saving in electricity! The rebuilt transmitter was a prototype, which was never intended to be sold or used on the open market. It was originally given by its manufacturer, Harris, to HCJB Global, as payment for work done. There it sat, without being used and with no real future possibility of use. At the request of Swaziland's Station Manager, Mark Blosser, HCJB Global agreed to give TWR the transmitter for a fraction of what it would have cost to buy a new one.

In January, 2017 Dr. Russell Farnworth, Chief Executive Officer, announced that he had "thrilling news to pass on about TWR's Swaziland transmitters! The medium wave (AM) transmitter - which stands alongside three short wave transmitters on the Swaziland site - has had a power boost to 100,000 watts, meaning that the signal will reach Zimbabwe, part of Malawi and into Mozambique. It is now on the air in southern Africa."

HCJB Global Technology Center allocated two of its engineers to refit the transmitter for use on TWR's frequency of AM 1170. The old Continental transmitter remains in Swaziland as a back-up. "It is a vintage one," Mark Blosser says, "that I'm told it could be the only transmitter of its kind still being used!" It is famously known as the "pirate transmitter." During the 1970s, radio stations illegally operated on ships out of the English Channel. When one of these ships entered into port, the transmitter was impounded, and then eventually sold to TWR.

Up until the year 2000, all TWR Malawi transmissions were on shortwave from Manzini but were produced in Chichewa, English and Chitumbuka languages. On 16 December 2000, TWR Malawi FM went on air with initial coverage to Blantyre and the surrounding areas. Four years later, TWR managed to expand its coverage to cover all the three regions of the country and beyond.

A new 100,000-watt shortwave transmitter built at the HCJB Global Technology Center in Elkhart, Indiana, is on the air at the TWR site in Swaziland, broadcasting a message of hope across Sub-Saharan Africa and beyond. Through a cooperative effort between the two organizations, the HC100 transmitter began broadcasting about 12 hours a day on 23 October 2008 replacing an outdated Continental unit and joining two other HC100s, also from Elkhart. The primary target areas are eastern and southern Africa, but the transmitters in Swaziland reach locations as far away as Pakistan. TWR broadcasts in approximately 30 languages with the three HC100 transmitters.

TWR's partnership with HCJB Global includes having a number of TWR missionaries serving at the Technology Center in Elkhart. Among those is veteran engineer Larry McGuire who lived in Swaziland for 16 years before moving to Elkhart in 1990. He helped build and install all three HC100s at the Swaziland site, spending 2 1/2 weeks in Swaziland in October to put the new transmitter on the air.

"The new transmitter is much more efficient and has a clearer, more understandable signal than the one it replaced," McGuire said. "The HC100 is also easier to maintain because it was designed by missionary engineers for that purpose."

Having three identical transmitters at the same site makes TWR's operation in Swaziland very efficient. In addition, they have purchased more than 20 suitcase transmitters through HCJB.

Tom Lowell, chairman of TWR's board of directors, said the new transmitter has many economic advantages. "For example, parts needed to keep the old equipment on the air were expensive. The Continental transmitter uses three large tubes, at \$13,000 each, compared to the HC100's single tube. That's an immediate savings of \$26,000 on parts alone. The HC100 also operates much more efficiently, saving us \$12,000 per year on our electric bill in Swaziland." McGuire added that the installation of the HC100 in Swaziland culminates years

of work and planning dating back to about 2000. Construction of this transmitter, the ninth of its type, was completed in 2005.

After TWR agreed to purchase the unit, it was modified and tested for Swaziland requirements. It was then packed and loaded onto a truck in Elkhart and traveled across the Atlantic Ocean by ship, arriving in Durban, South Africa. From there it went by train to Matsapha, Swaziland, where it cleared customs "almost immediately," McGuire said. Finally, it went by truck to TWR's transmitter site on a ranch 20 miles from Manzini along the White Mbuluzi River. "The day it arrived, there 'happened' to be a work crew from a church in Elkhart that had been renovating the building," McGuire continued. "They were way ahead of schedule, so they helped unload the transmitter from the container, got it in position, started putting up the heavy parts and then built the fascia — all before I started working on the installation. I was very amazed. That's never happened before."

McGuire said the entire installation process went smoothly. "The cooperation was great — very beneficial for both."

David Russell, director of the HCJB Global

ing Portuguese and French can be heard on these channels. Try 6,130 kHz from 1820 to 2005 UTC for programs mainly in various local African languages with some Portuguese

occasionally. Another frequency is 9,500 kHz with programming from 1802 until 1902 UTC in the English, Swahili and Juba Arabic languages. Also, 9,940 kHz carries programming from 1905-1950 UTC in various local the Lingala language with French programming at 1935 to 1950 UTC.

Technology Center, says while providing transmitters like the HC100 to ministries like TWR, "what really counts is the final results. Around 70 languages are being aired to date, and about a half-million broadcast hours have aired. There's no doubt that countless number of lives have been impacted for the kingdom."

When Can They Be Heard?

In North America, broadcasts from Trans World Radio Africa's Manzini transmitter site can be heard reasonably well signing on at 0255 until 0325 UTC on 3,200 kHz in various African language depending on the day of the week. Another outlet heard is 3,240 kHz with local languages from 0255 UTC until 0340 UTC although English can be heard Saturday from 0255-0325 UTC on 3,240 kHz. Another outlet heard is 4,775 kHz which is often reported in North America opening at 0342 UTC. English can be heard here and on 3,200 kHz, from 0430-0500 UTC Monday through Friday.

In Europe, the 49-meter band and 31-meter band broadcasts are good choices for hearing Trans World Radio Africa's Manzini transmitter site. Various languages, includ-

ing Portuguese and French can be heard on these channels. Try 6,130 kHz from 1820 to 2005 UTC for programs mainly in various local African languages with some Portuguese

Trans World Radio Swaziland

P. O. Box 64

Manzini

Swaziland

info@twr.org.za

As always, remember to send those loggings of Trans World Radio Swaziland to electronic *Flashsheet* editor Mark Taylor and to the *Loggings Report*, edited by Dave Turnick. Of course, QSL verifications should be sent to Sam Barto for inclusion in the *QSL Report* column. Good luck with this DX Target.

QSLing

TWR Swaziland is an excellent verifier of shortwave listener reception reports. Lorraine Stavropoulos the DX Secretary usually replies to listener reports with a nice QSL card through the postal system. Reports can be sent to her at:

The Worldwide Listening Guide

New 8th Edition!

By John A. Figliozzi

Reviewed by Richard A. D'Angelo

The new, expanded 8th edition of John Figliozzi's popular *The Worldwide Listening Guide* ("the Guide") is now available at your favorite places to buy radio related books. The Guide covers all forms of programming in all of today's most popular listening formats such as on-demand, podcast, terrestrial, Wi-Fi, medium wave, FM, analog, satellite, digital, Internet and, of course, shortwave. Long gone are the days where you could listen to everything you wanted by tuning only the shortwave bands. As the author notes, "*How the world listens to radio is changing in ways that Marconi could never have imagined!*" The Guide recognizes the current limitations of simply relying only on shortwave broadcast listening and continues to expand coverage to enable the astute listener an opportunity to hear old, and new, favorite radio programs on whatever medium they may be carried on in today's world. The Guide continues to evolve as listening formats continue to evolve.

The author has been an active shortwave listener and programming aficionado for several decades. He has been a regular participant at the French Creek State Park DXpedition get-togethers. John has always been a consumer of radio content critically analyzing and commenting upon the good, the bad and the ugly for several years. Currently, he is the editor for the club's Shortwave Center column and has been serving as a member of the club's Executive Council for quite a few years. Over the years, John has edited several other columns about shortwave radio and listening topics for other radio publications as well. In addition, each year he shares the hosting duties for the NASWA sponsored annual Winter Shortwave Listeners Festival in Plymouth Meeting, Pennsylvania with Rich Cuff.

The new Guide is modeled on the author's previous efforts of the popular *Worldwide Listening Guide* series. The new, expanded 8th edition of the Guide explains radio listening in all of today's favorite formats: "live," on-demand, podcast, terrestrial, satellite, Internet, digital, analog, medium wave, FM, shortwave and Wi-Fi. The Guide is a comprehensive compendium to what can be heard how, where and when. The introductory section explains the many new ways to enjoy world band radio listening opportunities. The main section details programming available to you on an hour-by-hour basis. It actually shows program names, so you may quickly scan it for items of interest. It discusses in detail, the many ways a listener can dial into programs using their computers, Wi-Fi radios, traditional shortwave sets, and more. However, I will discuss more about that a little later. The 8th edition of the *Worldwide Listening Guide* is a reference resource that should be sitting in your radio room next to your favorite piece(s) of listening gear (shortwave radio, Internet Radio, portable AM receiver, FM tuner, etc.) so you can hear what you want to hear as the listening world constantly evolves.

By checking the Table of Contents, you notice that the Guide is divided into eighteen separate sections. However, there are five main sections that would be used a lot on a day-to-day basis so those will be the primary focus of my comments. The first main section is a discussion of various platforms being used today mentioned previously. These include analog medium wave radio, analog FM radio, Sirius/XM Satellite Radio service, shortwave radio (divided into broadcasts in English to North America, other broadcasts to North America and further English broadcasts often heard in North America) and Internet radio. The next main section is a brief survey of radios and reception devices offering introductory remarks about radio receivers and acces-

series. This is followed by an interesting discussion of the "Big Six" which includes BBC Radio (United Kingdom), ABC Radio (Australia), CBC Radio (Canada), RTE Radio (Ireland), RNZ Radio (New Zealand) and NPR Radio (United States). In the author's opinion - and I heartily agree with him - the Big Six are the best English language radio networks in the world representing the finest the medium has to offer in terms of organization, scope of service and craft of programs. The pages devoted to the Big Six comprise an important component of the Guide. After a few smaller sections (Stations Listed in the Guide, About Newscasts and The Worldwide Listening Guide, UTC Time Conversation Chart and the Guide to Consolidated Program Lists), the next important subject portion of the book is the section called Consolidated Program Listing. This section would be considered by many radio listeners to be the principal highlight of the Guide with twenty-four hour listing of stations, in the various formats discussed earlier in the book, being presented. In this section, you will find over 4,000 individual broadcasts that you can receive on your medium wave, FM, shortwave analog sets as well as digital, Sirius/XM, Internet, Wi-Fi or smart phones. The concluding major section of the book is the Program Name and Description List which is an alphabetical listing of programs appearing in the Guide. Another interesting feature is the author's own private "Listening Favorites", a couple of dozen capsule reviews of his beloved programs, which rounds out the material.

SHORTWAVE HISTORY

Adrian Peterson's Diary

International Shortwave Broadcasting in the Caribbean Islands

At the present time, relief and recovery are underway on the many islands in the Caribbean that were devastated by the recent string of hurricanes that swept through the area. However at the same time, there is a lot of turmoil and chaos due to the destruc-

tion of so much of the basic infrastructure in these islands, with the lack of availability of necessities and commodities, such as food, water, gasoline, electricity, and even satisfactory accommodation.

Published by Master Publishing, Inc. the Worldwide Listening Guide - 8th Edition is over 190 pages of useful information in a wire-bound format that makes the Guide open flat in an easy-to-use format. The Guide can be purchased through Universal Radio for only \$27.95 plus shipping costs (Order #6521) or Amazon for \$29.95 (Amazon Prime customers don't need to pay additional shipping costs). The Guide is a very useful reference book that you will find yourself utilizing on a regular basis as you search for old favorites from the international shortwave broadcasting world and as well as many new favorites.

I've always liked the Guide since its early days when it helped me identify shortwave stations by some of the programs carried during their transmissions. Since then it has become a permanent reference book in my radio shack alongside other useful references such as the World Radio TV Handbook. There is a surprising amount of worthwhile material packed into this handy, spiral-bound book. Using the Guide will maximize your listening enjoyment of worldwide radio in all its forms whether listening to news, information, music or entertainment from around the broadcast world. John Figliozzi's the Worldwide Listening Guide - 8th Edition should hold a special position in every radio listener's favorite listening location!

We focus on the radio scene in the Caribbean as a tribute to the people who live in these island countries. We present our opening topic under the title, International Shortwave Broadcasting in the Caribbean Islands, the story of six major shortwave stations in the Caribbean, and we begin with the earliest, **Radio Antilles** on the Island of Montserrat.

On April 20, 1963, the Radio Antilles Corporation was formed, and five months later the government granted a radio broadcasting license. Much of the electronic equipment for the Montserrat station came from the previous Radio Africa in Tangier, Morocco and it was installed and operated with cooperation from the staff of Radio Andorra in Europe.

Some eight years later (1971), Radio **Deutsche Welle** (DW) in Germany injected a massive cash flow into Radio Antilles, and as a major shareholder/new owner of the station they took over the operation of the large facility. When DW engineers arrived on Montserrat in 1971, they found two shortwave transmitters at 15 kW each already installed. They soon afterwards installed an additional shortwave transmitter at 50 kW among the mediumwave transmitters on the ground floor of the two story building on the lower south west coast of the island of Montserrat.

In March 1977, **Radio Antilles** was taken into regular service as a relay station for the programming of **Deutsche Welle** in Cologne, Germany and for the **BBC** in London, England. However, just four years later (1981), the BBC withdrew from their usage of Radio Antilles, and eight years later again (1989), Deutsche Welle-Montserrat was closed. Soon afterwards, the electronic equipment was removed from the isolated country building, and the building was ultimately inundated by lava overflow from a nearby volcano, so much so that the exact location of the building is now indiscernible.

However, at the same time as Radio Antilles was under development as a relay station

for **Deutsche Welle** and the **BBC**, a new joint operation was under installation on the nearby island of Antigua. The development of this new international shortwave relay station was staged under the auspices of a joint holding company, the Caribbean Relay Company.

After a series of surveys on several of the Leeward and Windward Islands, Antigua was chosen because of its strategic location, together with sufficiently level ground that would be satisfactory for a large antenna farm. A tract of land, 240 acres, was procured near Seaview Farm in the center of the island of Antigua.

The BBC designed and constructed the transmitter station. They installed 4 Marconi transmitters at 250 kW each, Model BD272, and they erected 7 antenna towers supporting 18 curtain antennas. The locally available electrical power was somewhat unreliable, so the BBC installed 5 electrical power generators, each a Ruston at 1 megawatt, which was sufficient to power the entire station with one always available on standby.

The first transmitter was taken into service on November 1, 1976, and the other three were activated during the following year (1977). Original planning called for 2 transmitters and 9 antennas each, for the BBC and DW. However, as the scheduling was developed and implemented as time went by, it appears that the programming of both shortwave organizations, the BBC and DW, was carried by all 4 of the transmitters, though at approximately half time each.

Due to budget cuts, the BBC-DW relay station on Antigua was closed on March 26, 2005. Initially, the **Caribbean Relay Station** endeavored to find other clients who were willing to broadcast to the Americas from their shortwave station. However, there are no known additional relays from the Antigua station, and all that we can presume is that all usable equipment was removed and the property was sold off.

We cross over now to the Dutch islands in the Caribbean, and in particular to Curacao and Bonaire. Around the year 1960, **Trans World Radio** (TWR) gave consideration to constructing a large shortwave/medium-wave station on the island of Curacao. However, the entire project was soon afterwards transferred to the nearby island of Bonaire.

Construction at TWR-Bonaire began in September 1963, and the first test broadcasts on shortwave began almost a year later in August 1964. The very first shortwave frequency for the new TWR was 5955 kHz under the official Dutch callsign PJB.

Beginning in November 1964, the new Bonaire shortwave station broadcast the programming from Trans World Radio and it also relayed programming from Radio Netherlands in Hilversum, Holland. However, Radio Netherlands ended their relay via TWR soon after their own shortwave station on Bonaire was inaugurated.

On June 30, 1993, TWR closed down the usage of their two shortwave transmitters on Bonaire, one at 50 kW and another at 250 kW, and shipped them off to Swaziland for incorporation into their African shortwave station. However, in various configurations, a mediumwave station at TWR has remained on the air on Bonaire, and the space that was previously occupied by the shortwave transmitters now houses power generators that provide electricity for the island.

Test transmissions from the new relay station operated by **Radio Netherlands** on the island of Bonaire began in March 1969. At the height of its total capability, RN Bonaire contained 3 shortwave transmitters at 250/300 kW, 21 antennas on 17 towers, and 6 power generators at 500 kW each.

However, with the changing winds of fortune in the international shortwave world, Radio Netherlands Bonaire was closed on June 30, 2012. The station was totally dismantled and all that remains of this once majestic shortwave station is just an open field.

Radio Havana Cuba was organized as a government operated international shortwave facility in 1963. At that stage, 4 shortwave transmitters at 100 kW were installed at their shortwave station at Bauta near Havana, 2 from Russia and 2 from BBC (Brown Boveri Company) Switzerland. These days, Radio Havana Cuba operates a total of 3 shortwave sites with 16 shortwave transmitters rated at 50 kW, 100 kW and 250 kW.

The shortwave station known as the **Caribbean Beacon** is located on the island of Anguilla, a small British island in the eastern Caribbean. In June 1991, Dr. Gene Scott bought the mediumwave station Caribbean Beacon, and he installed a new Continental 100 kW shortwave transmitter at the same Sandy Hill site. The antenna system was previously in use with shortwave KGEI at Belmont in California.

The new shortwave Caribbean Beacon was inaugurated in December 1996, though it was hounded by subsequent local fears about radiation problems for more than a year. During the year 2008, the shortwave station previously on the air under the callsigns KUSW and then KTBN was closed and the electronic equipment was shipped to Anguilla for incorporation into the Caribbean Beacon.

As we mentioned previously here in Wavescan, the Caribbean Beacon was damaged in the recent hurricanes that swept through the Caribbean islands. The station has since been noted back on the air with test broadcasts, and it is doing its best to maintain its international shortwave service.

This has been the story of six international shortwave stations in the Caribbean. A total of four have come and gone: Deutsche Welle-BBC Montserrat and Antigua, Trans World Radio and Radio Netherlands on Bonaire. Two still remain: Radio Havana Cuba with 16 transmitters, and the Caribbean Beacon on Anguilla with 1 at 100 kW, hanging on tenuously after the onslaught of the recent hurricanes.



Listener's Notebook

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Times are UTC and frequencies in kHz.

ALASKA 7370 NF, KNLS - Anchor Point AK. English to SEAs and NEAs at 0830, ex 11870, very good signal, Nov 1. (Rob Wagner-Australia)

ANGOLA 4950, Radio Nacional de Angola, P/D word file letter in 1 day after F/Up. V/S: Josefa Magalhaes Kanzuela, Gabinete de Cooperaçao Internacional. Total time: 23 months. E-mail: josela.mami@hotmail.com. Thanks to Christian Ghibaudo for E-mail address. (Antonello Napolitano-Italy/DX Fanzine)

ARMENIA Reception of Trans World Radio on Nov. 10:

1300-1315 on 9745 ERV English Mon-Sat
(DX Mix-Bulgaria)

9745, TWR India, awfully nice signals as relayed by Erevan this Sunday morning (Nov. 19) around 1400. Hindi, English, the usual stuff. Great music. (Ralph Perry-IL)

9910, TWR India - Yerevan-Gavar. Service to SAs at 1250 in a minority South Asian language (listed from old schedule as Mundari on Mondays). Then into the Kharia language with clear ID and anncts. NF (believed to be ex 12055), excellent signal Oct. 30. (Rob Wagner-Australia)

AUSTRALIA New B-17 schedule of Reach Beyond Australia in English:

1115-1130 on 15575 KNX Mon-Wed/Fri
1145-1200 on 11915 KNX Sat/Sun
1200-1245 on 11865 KNX Fri
1245-1300 on 11865 KNX Daily
1300-1330 on 9610 KNX Sun
1315-1330 on 11865 KNX English Mon/Wed/Fri
1445-1500 on 11900 KNX Wed
2115-2130 on 9620 KNX Sat/Sun/Tue-Thu
2230-2245 on 15400 KNX Mon-Fri
0000-0015 on 15400 KNX English Wed/Fri
(DX Mix-Bulgaria)

5045, Ozy Radio, on Oct 29. As usual the "Waltzing Matilda" (WM) modulation was stronger than the rest of the broadcast. WM noted at 1130, 1230, 1259,

1305 & 1359. At 1300 time pips; YL with news, with several sound bites, but unreadable; break during the news to play WM. At times was close to being readable, but needs somewhat better propagation for that. (Ron Howard-CA) 5045, Ozy Radio, 1140-1243, on Oct 31. Mostly pop songs; 1204-1209 YL with the news (did not start at ToH); still poor, but getting better; considerable QRN (static). Today with a different format; after an hour on non-stop listening, Craig never played "Waltzing Matilda," not even once. (Ron Howard-CA) 5045, Ozy Radio, on Nov 13, heard with the strongest signal ever noted here, but unfortunately on a day when there was very heavy OTH radar; 1133 & 1255. Without the OTH radar, believe the news would have been fairly readable, as the Ozy signal was that strong. (Ron Howard-CA) 5045, Ozy Radio, 1126-1241, Nov 19. Several news segments; variety of Aussie songs; 1154 played one of my favorites, "Tie Me Kangaroo Down Sport" by Rolf Harris and at 1236, just after the news, played "Stayin' Alive" by the Bee Gees, who indeed at one time did emigrate to Australia. A very rare day for me to hear Craig's station so well. (Ron Howard-CA)

AUSTRIA Strong signal of Oesterreichischer Rundfunk on Nov. 8:

0600-0720 on 6155 MOS German Mon-Fri
0600-0710 on 6155 MOS German Sat/Sun
(DX Mix-Bulgaria)

BAHRAIN 9745, Nov. 15, 2030, R. Bahrain. There at 2030 once the offending co-channel QRM stn left. Much better and fairly decent, nice on brief peaks at 2105 w/usual AR Pop mx. 2111:55 short canned jingle by W between songs but didn't sound like an ID. (Valco-PA/Shortwave Bulletin)

BANGLADESH Reception of Bangladesh Betar on Nov. 7:

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

BOLIVIA 5952.477, Siglo Veinte 5 kW ND Emisora Pio XII, Nov 2 0228 - Very good reception, culminating with the ever enjoyable sign-off with the

Col Bogey March, then 3 harp (?) chords, and off. Much stronger than I ever receive them on the west coast! All in Spanish, of course! (Walt Salmaniw-PEI/DXplorer)

BRAZIL 11780, Nov. 17, Rádio Nacional da Amazonia is back on 11780! (Rudolf Grimm São Bernardo SP, Brazil via A-DX/Shortwave Bulletin)

BULGARIA Reception of End Times Coming ETC Radio via SPL Secretbrod, Nov. 20:

1900-1930 on 9400 SCB English Ex-Catholics For Christ, good (DX Mix-Bulgaria)

CANADA 6030, CFVP, Calgary at 2318, announcer mentioned Calgary, into ads, including for RBC (bank). Very poor, Nov 6. (Harold Sellers-BC/DXplorer)

CHILE 5825, R. Triunfal Evangelica. Just when I was about to give up hope on getting a reply from they sent an e-mail. Unfortunately, it was just a "thank you for your report" reply. So, in a sense, they verified that I heard them. We've all gotten those types of replies many times. Anyway, they also mentioned they're running 100 watts from a tube transmitter. I asked them in my e-report if they and could they broadcast in the morning. They said they never thought of it and asked if the signal would be better then and if I could advise them since I'm familiar with shortwave. Imagine that! (Dave Valko-PA) I sent R. Triunfal Evangelica a thank you this morning and got another response this evening. They mentioned all the countries where they've been heard and even said something to the effect that they were mentioned on R. Netherlands (with pride). Most all the countries where they've been heard are in Europe and South America, and added "...escucho con dificultad en Rusia y Canadá". Said they used to have a 50 watt transmitter. In my initial report, I asked if they transmit in the mornings, and if not, why. The first response said they never thought about it. Now they mentioned that they'll give it a try and let me know when they do so I can tune in!! So when I get the day and time, I'll let you guys know. Maybe we'll have better luck in the morning, if they go on early enough. (Dave Valko-PA)

CHINA 5990, Nov. 16, 1058, Qinghai PBS. Chinese Pop mx at 1058. 1100 2+1 higher pitched time ticks, then 2 canned anmnts both by W w/mx bed.

Ment of Qinghai. Another canned anmnt by M and W almost sounding like EG over mx at 1101, then live M and W anncr in CH. Not particularly good. (Valko-PA/Shortwave Bulletin)

6035, PBS Yunnan (Voice of Shangri-la), 1130, Nov 13. Nice English & Chinese ID - "S W liu(6) ling(0) san(3) wu(5). Yunnan Radio and Television International, the Voice Shangri-la"; 1201*. (Ron Howard-CA)

6145.02 PBS Qinghai. Nice subcontinental-influenced mx but not really Indian or Hindi, good signal at 1110 check (Nov. 21), suspect this is Qinghai right now. OM anmts in non-tonal language. (Ralph Perry-IL)

6200, Voice of Jinling. Wow, what a signal (Nov. 5), 1238, just came on w/ usual double fake-out. (Ralph Perry-IL)

7260, CRI, in Japanese. Oct 29, with the start of the B17 schedule, Radio Vanuatu is now totally blocked 1100-1257 by this powerhouse. (Ron Howard-CA)

CLANDESTINE Reception of Radio Xoriyo Ogaden via TDF Issoudun:

1600-1630 on 17870 ISS Somali Mon/Fri from Oct. 30 (DX Mix-Bulgaria)

Reception of Radio Xoriyo Ogaden via MBR Issoudun, Nov. 7:

1600-1630 on 11970 ISS Somali Tue/Sat, strong. Transmission is jammed by Ethiopia with weak white noise digital jamming (DX Mix-Bulgaria)

Radio Al-Mukhtar from Dec. 5:

1500-1558 on 17580 ISS Arabic Tue (DX Mix-Bulgaria)

Frequency change of BRB Suab Xaa Moo Zoo/Voice of Hope on Nov. 2:

1130-1200 NF 11530 TSH Hmong very weak, ex 11560 Nov. 1 (DX Mix-Bulgaria)

Voice of Wilderness via BaBcoCk Tashkent on Nov. 2:

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

- Voice of Independent Oromiya via TDF Issoudun on Nov. 5: 1730-1800 NF 9720 SCB Arabic Mon-Fri, ex 11965
1700-1800 NF 9720 SCB Tigrinya Sat, ex 11965
1700-1800 NF 9720 SCB Arabic Sun, ex 11965
(DX Mix-Bulgaria)
- 1600-1630 on 17850 ISS Oromo Sun, weak signal. Transmission is jammed by Ethiopia with white noise digital jamming (DX Mix-Bulgaria)
- Radio Voice of Amara via TDF Issoudun, Nov. 22: 0500-0600 on 7240 ISS 11530 YFR English
1900-2000 on 9580 ISS 11530 YFR English
(DX Mix-Bulgaria)
- 1700-1800 on 15360 ISS Amharic Mon/Wed/Sat. Transmission is jammed by Ethiopia with white noise digital jamming. (DX Mix-Bulgaria)
- BRB Denge Kurdistan ONLY on 7520/7320 kHz
- Voice of Oromo Liberation via MBR Nauen on Nov. 19: 0330-1600 on 7520 ERV Kurdish
1600-2200 on 7320 ERV Kurdish
(DX Mix-Bulgaria)
- 1700-1730 on 11810 NAU Afan Oromo Wed/Fri/Sun (DX Mix-Bulgaria)
- Radio Dandal Kura Int via BaBcoCk Ascension on Nov. 17: 1800-2100 on 12050 ASC Kanuri, fair/good
(DX Mix-Bulgaria)
- Reception of BRB Eye Radio via Alyx & Yeyi TDF Issoudun, Nov. 6: Shiokaze Sea Breeze on Nov. 16: 1300-1400 on 7410 YAM English Thu
(DX Mix-Bulgaria)
- 1600-1900 on 15250 ISS Arabic/English, very weak (DX Mix-Bulgaria)
- Frequency changes of Voice of Tibet, Nov. 13: New clandestine to Nigeria - Radio Herwa International, Nov. 23: 0700-0730 on 11530 YFR Hausa/Kanuri via WRMI tx10, poor
0700-0730 on 13710 ISS Hausa/Kanuri via TDF, fair/good
(DX Mix-Bulgaria)
- 1230-1233 NF 11603 DB Tibetan, ex 15533
1233-1240 NF 11603 DB Tibetan, ex 15525
1240-1300 NF 11603 DB Tibetan, ex 15517
(DX Mix-Bulgaria)
- Radio Free North Korea via BaBcoCk Tashkent on Nov. 7: 7625, Nov. 16, 1229, V.O. the Wilderness-Tashkent 1229 early s/on w/W talk, then wind blowing SFX, trumpet fanfare, and soft opening mx. 1333 talk by W in KR over mx, mx up briefly at 1335, then cont. talk. Into soft vcl song by W at 1335. Actually, not too bad. Still in at 1350 w/more talk by W host. (Valko-PA/Shortwave Bulletin)
- 1200-1300 on 9470 TAC Korean, fair/good (DX Mix-Bulgaria)
- Voice of the People of Somaliland via BaBcoCk Madagascar, Nov. 15: 9470, Nov. 16, 1201, Free North Korea-Tashkent. Just missed s/on. W anncr in KR at 1201. Not very strong and had an echo at this time. Much better at the end of the broadcast at 1256 w/end of KR tlc by W, somber vcl song until audio suddenly cut off at 1259:24 and signal gone abt 25 sec. later. (Valko-PA/Shortwave Bulletin)
- 1900-1930 on 9600 MDC Somali (DX Mix-Bulgaria)
- Reception of BRB Radio Que Me via T8WH Angel 3, Nov. 10: 1200-1230 on 9930 HBN Vietnamese Fri, good (DX Mix-Bulgaria)
- Frequency change of Dimtse Radio Erena via SPL Secretbrod: 1700-1730 NF 9720 SCB Tigrinya Mon-Fri, ex 11965

9600, Voice of the People of Somaliland with a nice signal at 1850 o/c and *1900 xmsn with musical clip (Nov. 17), then OM in Somali and a brief a capella Koranic chant and then into discussion program. Via Talata. This B17 choice of fqy and xmtr is a good fit for NA. Good signal. (Ralph Perry-IL)

11530, Radio Biafra. 1912 on Nov. 17) via WRMI, on 11530 with an enormous signal. Very full IDs with fqys and claim to be broadcasting "from London". Urging people into the streets to demonstrate, non-violently. IDs and fqys every few minutes and requests for reports to RadioBiafra@gmail.com which is a dud. (Ralph Perry-IL)

11627, Nov. 16, 1313, V.O. Tibet (via Dushanbe). Tlk by M and W in CH at 1313 and mx, then usual theme mx and ID anmnt by M. Best of the 3 freqs and none appeared to be jammed. (Valko-PA/Shortwave Bulletin)

12150, Nov. 16, 1130, V.O. Khmer M'Chas Srok (via Tashkent) (pres.). Signal at 1130 but way too weak. Finally, audio by 1147 w/traditional vcl mx, then M anncr and what sounded like a phoned-in report by M w/horrible audio at 1152. Gave up at 1154. (Valko-PA/Shortwave Bulletin)

ECUADOR 6050, Pico Pichincha HCJB, Nov 2 0923 - Crash start into Latin music from 09:23:10. From 09:27:45, horal NA, 'Salve, Oh Patria', then into ID in Quechua. All in Quechua. (Walt Salmaniw-PEI/DXplorer)

EQUATORIAL GUINEA 5005, RNGE, R. Bata, with Oct 29 anomaly. Definite carrier heard at 0415; checking on & off till 0531. Had a very decent carrier the whole time and quiet conditions, but no audio detected. This is the earliest I have ever heard their presumed signal. Helpful feedback from Manuel Méndez: "heard R Bata at 0459 with very weak signal, songs and comments, barely audible." [Oct 29]. (Ron Howard-CA)

ERITREA VOBME 1 Dimtsi Hafash

1400-1500 on 7140.0 ASM Tigrinya, weak/fair

VOBME 2 Dimtsi Hafash

1400-1500 on 7181.6 ASM Amharic, very good (DX Mix-Bulgaria):

ETHIOPIA 5940, Nov. 15, 1946, R. Deegaanka Soomaalida. Found w/HoA mx at 1946. Nothing but mx to ToH. Weak and fady but no doubt them. Blasted out by R. Algerienne s/on at 2000. (Valko-PA/Shortwave Bulletin)

6090, Amhara State Radio, 0250, Nov 3. Caribbean Beacon off the air. More strange happenings with the interval signals here. Today tuned in to hear a decent level carrier; 0252 clearly the start of the Radio Oromiya IS; at 0256 heard the start of the Amhara State Radio IS, which was weak and mixing well underneath the Radio Oromiya IS, which ended at 0259, leaving the Amhara State Radio IS in the clear till 0300. (Ron Howard-CA)

FRANCE Radio Oeoemrang on February 21, 2018:

1600-1700 on 15215 ISS Frisian dialect/German/English (DX Mix-Bulgaria)

GERMANY Winter B-17 schedule of New Shortwave Radio for Europe from Oct. 30:

1000-1200 on 6160 WIS English Mon-Sat, as of in A17

1200-1400 on 3975 WIS English Mon-Sat, as of in A17

1400-1600 on 6160 WIS English Mon-Sat, as of in A17

1600-1800 on 3975 WIS English Mon-Sat, as of in A17

2000-2200 on 6160 WIS English Mon-Sat, ex 1800-2000*

2200-2400 on 3975 WIS English Mon-Sat, ex 2000-2200

(DX Mix-Bulgaria)

Reception of DWD Deutscher Wetterdienst on Nov. 7:

0600-0628 on 5905 PIN German AM

0600-0628 on 6180 PIN German AM (DX Mix-Bulgaria)

NDR Hamburg program "Greeting on board" on December 24, 2017:

1900-2100 NF 6010 ERV 6080 NAU 9740 NAU 9790 MOS 9800 ISS 11650 ISS

2100-2300 on 5930 NAU NF 6155 ERV 9590 ISS 9650 MOS 9765 NAU 9830 ISS (DX Mix-Bulgaria)

GUAM Good signal of KTWR Trans World Radio Asia on Nov. 14:

1103-1133 on 11965 TWR English Mon-Fri
1133-1140 on 11965 TWR English Tue-Fri
1100-1200 on 11965 TWR English Sun
(DX Mix-Bulgaria)

11995, KTWR. QSL in 22 days. Report in English sent by postal mail. (Christian Ghibaudo-France/DX Fanzine)

INDIA More and more frequency changes of All India Radio:

0215-0300 NF 11740 PAN Pashto, ex 11670
0300-0345 NF 11740 PAN Dari, ex 11670
1300-1500 NF 11780 DEL Sinhala, ex 9425
1330-1500 NF 13695 BGL English, ex 13720
2245-0045 NF 7550 BGL English, ex 9690
(DX Mix-Bulgaria)

4760, All India Radio - Port Blair. AIR Port Blair is back after half a year of silence. Jose Jacob, India, told me, that they had received and installed new spare parts. (Anker Petersen-Denmark/PlayDX)

INDONESIA Reception of Voice of Indonesia on Nov. 13:

1300-1400 on 9525 JAK English
(DX Mix-Bulgaria)

Reception of Radio Xoriyo Ogaden via MBR Issoudun, Nov. 7:

1600-1630 on 11970 ISS Somali Tue/Sat, strong. Transmission is jammed by Ethiopia with weak white noise digital jamming (DX Mix-Bulgaria)

9524.94, VOI, on Oct 30, with anomaly. 1300-1400 no English, but instead in Dutch. Thanks very much to Wolfie, who confirmed my audio clip is in fact Dutch. Today had pre-1300 with the usual Japanese and post-1400 was the normal Indonesian. Reception much better than usual, but with some audio hum. Was this a one-day anomaly or is it a real change to their language schedule? What happened to their segment in English (ex: 13-14)? Needs more monitoring! (Ron Howard-CA) 9524.92, Voice of Indonesia, Jakarta, 2049 06 Nov 2017, very weak audio but I can make out an om in French w/a brief announcement then into local style music. Signal is only at S4 level and there is some moderate

fading and static. This is pretty good reception for them here at this time of day. Om is back at 2056 w/ long announcement brief music to yl w/ further announcements continuing past TOH, signal finally cut off @ 2102. (Stephen Wood-MA) 9524.94, Nov. 15, 1928, V.O. Indonesia. W in EG over mx. Weak mod. made it difficult w/few words readable. 1930 mx lvl pretty decent. 1931 couple ments of V.O. Indonesia by W. Just missed recording a nice clear ID by W at 1952 before Pop song. Getting useable audio on this isn't very common, so it's nice to ID. (Valko-PA/Shortwave Bulletin) 9524.94, Nov. 16, 1300, V.O.I. End of JP pgm, then in EG at 1300 w/ fanfare and canned ID by M and W over mx, then freqs and webstream by W, live W w/pgm rundown, and into the nx. Nice to get some readable audio on this for a change. (Valko-PA/Shortwave Bulletin)

KOREA (NORTH) B-17 Transmission English Schedule of the Voice of Korea, valid from Sunday, 29 October 2017:

0430 on 7220 9435 9730 11735 13760 15180
0530 on 13650 15105
0630 on 7140 9435 9730
1030 on 6170 6185 9435 9850
1330 on 7570 9435 11710 12015
1530 on 7570 9435 11710 12015
1630 on 9890 11645
1830 on 7570 12015
1930 on 7210 9875 11635 11910
2130 on 7570 12015
(Arnulf Piontek/Worldwide DX Club)

Voice of Korea are anxious to get reception reports and letters from their listeners. Please send all mail to: Voice of Korea, Pyongyang, D. P. R. Korea (North), e-Mail: VOK@star-co.net.kp. (Arnulf Piontek-Germany/TopNews)

3945 NF, Echo of Unification, ex: 5905, at 1350, Nov 2. Hearing two stations here; in past was only "RN2, Radio Nikkei" (Japan) here; now QRMed by weaker EOU till RN2 signed off at 1401*, leaving EOU in the clear, but fairly weak signal; in Korean; broadcasting from DPRK to ROK. Thanks very much to Hiroyuki Komatsubara (Japan) for the timely alert. He heard them first on Nov 1. (Ron Howard-CA)

KOREA (SOUTH) Bad frequency selection of KBS World Radio for B-17 period:

1400-1700 on 9630 KIM English (DX Mix-Bulgaria)
KBS World Radio in English schedule in B-17 is

unchanged from A-17 with the exception of 1400-1700 which has moved from 9785 to 9630. (Alan Roe-UK)

4885, presumed Echo of Hope at 1425 in Korean, 1426 a "VOA World News" ID and woman continued with what I assume was VOA news in Korean; at various checks to 1502 playing songs, no announcements at top of the hour. Fair, Nov 18. (Harold Sellers-BC/DXplorer)

5920, Voice of Freedom. On Nov 13, at 1203, almost fair, even with the usual light North Korea jamming. (Ron Howard-CA)

KUWAIT Winter B-17 shortwave schedule of Radio Kuwait:

0200-0900 on 5960*KBD Arabic General Service
0500-0800 on 11970 KBD English DRM
0500-0900 on 15515 KBD Arabic General Service
0800-1000 on 7250vKBD Persian
0930-1600 on 11630*KBD Arabic Holy Qur'an Sce
0945-1315 on 15110 KBD Arabic General Sce DRM
1000-1200 on 17760 KBD Filipino
1100-1600 on 9750*KBD Arabic General Service
1600-1800 on 15540 KBD Urdu
1600-2100 on 6050*KBD Arabic General Service
1700-2000 on 13650 KBD Arabic General Sce DRM
1800-2100 on 15540 KBD English DRM
2000-2400 on 17550*KBD Arabic General Service
* inactive at present (DX Mix-Bulgaria)

LIBERIA 6050, ELWA, Nov 2 0525-0730. Good reception with the famous ELWA IS starting a few seconds after 0525 until 0528:30. 'This is ELWA...6050 on the 49-meter band'. American gospel music at 0530:40. Another ELWA ID at 0533:20. Improved corresponding to LSR then gradual fade. (Walt Salmaniw-PEI/DXplorer)

MADAGASCAR Reception of World Christian Broadcast Madagascar World Voice, Nov. 4:

1800-1900 on 9570 Russian tx#1 KNLS New Life Station
1900-2000 on 9810 Russian tx#2 KNLS New Life Station
1900-2000 on 11945 Arabic tx#1 Radio Feda
2000-2100 on 11945 Arabic tx#1 Radio Feda
(DX Mix-Bulgaria)

5009.9, 1714-1726, 07/11, Radio Madagasikara, Ambohidrano. Tks, mx. 15331. (Carlos Goncalves-Portugal/PlayDX)

17730, AWR Pune, India via Talata, English program created in the Pune Media Center is now on the air at 1600-1630, fair signal and they even announce they are coming to you "from the broadcast center in Pune" and asking for reports to AWR, PO Box 17 Pune, 411 001 Maharashtra, India or by email to AdventistMediaCenter@gmail.com. Nice program, lots of mellow music and brief preaching. Nice, too, is that these guys QSL. (Ralph Perry-IL)

MALAYSIA 9835, Nov. 16, 1226, RTM-Sarawak FM. About best ever rcptn w/M doing nx at 1226, promo at 1229, then into Asian rom. ballad by M and W vclists, then 2 women DJs in discussion at 1234, ment of Sarawak. Surprised at the strength. (Valko-PA/Shortwave Bulletin)

MONGOLIA Frequency change of Voice of Mongolia effective from Nov.20

0900-0930 NF 12084.9 U-B English, ex 12034.9
0930-1000 NF 12084.9 U-B Mongolian, x 12034.9
1000-1030 NF 12084.9 U-B Chinese, ex 12034.9
1030-1100 NF 12084.9 U-B Japanese, ex 12034.9
(DX Mix-Bulgaria)

MYANMAR 5985, Myanmar Radio, 1212-1225, Nov 13. English language lesson program "Say It In English" starts and ends with same theme music; fairly readable. (Ron Howard-CA)

NEW ZEALAND Reception of Radio New Zealand Pacific AM mode, Nov. 13:

0459-0758 on 11725 RAN English, fair
0759-1058 on 9765 RAN English, weak
1059-1258 on 11610 RAN English, good
1259-1650 on 7355 RAN English, weak
(DX Mix-Bulgaria)

NICARAGUA 8989 USB, Radio El Buen Pescador at 2310, preacher in Spanish, many "hallelujah" and some "señor" and "Christo". Fair, Nov 6. (Harold Sellers-BC/DXplorer) Good catch on the Nicaraguan preacher. Despite trying for him for years, from Masset, I've never come close to receiving him! (Walt Salmaniw-BC /DXplorer) Gee, I find that surprising Walt. I don't know if he maintains any kind of schedule, but I don't think it's daily, so maybe you just haven't hit the right day. (Harold Sellers-BC/DXplorer) I don't look for him from Victoria, but he's been on my hitlist for Masset. Over the years, no luck, at least while I'm up there! (Walt Salmaniw-BC/DXplorer)

NIGERIA 7254.94, Nov. 15, 2050, V.O. Nigeria. End of Pop/Dance song at 2050 and W annr in pres. Hausa w/ID and tlk w/ments of Nigeria and "NDIC Lagos". Absolutely massive signal and obviously free of the Hams that were and always QRM earlier. (Valko-PA/Shortwave Bulletin)

OMAN Winter B-17 schedule of Radio Sultanate of Oman:

0000-0200 on 9500 THU Arabic (alt.9545)
0200-0300 on 9540 THU Arabic (alt.15355)
0300-0400 on 9540 THU English (alt.15355)
0400-1000 on 13600 THU Arabic
1400-1500 on 15140 THU English
1500-2200 on 15140 THU Arabic
2200-2400 on 11650 THU Arabic (alt.9750/15355)
(DX Mix-Bulgaria)

PAPUA NEW GUINEA Minister for Communication, Information Technology and Energy Sam Basil wants all 22 provinces to have short wave frequency radio stations. "My role as the minister is to make sure that we go back to all the 22 provinces to make sure that we revive the radio stations," Mr. Basil said. He said most of the radio stations currently using frequency modulation (FM) face the problem of signal loose in the rural settings as it is only powered by repeater and could not be able to penetrate when it meets obstacles. "This is to ensure that people are kept informed and in tuned with the government of the day," Mr. Basil said. (PNG Post-Courier/Shortwave Bulletin)

PERU 4764.050, Huanta Radio Huanta 2000, Nov 2, 2244 - Crash sign-on noted here at crash sign-on at 2243. Poor only but improving as I listen. At the TOH, just noted also an adjacent 4765, which likely is Tajikistan. It's a wobbly transmitter, as I can see it varying between 4764.044 and .060. (Walt Salmaniw, PEI/DXplorer)

4774.9, 2206-2216, 02/11, R. Tarma, Tarma. Cast, tks, mx. QRM CODAR 34332. (Carlos Goncalves-Portugal/PlayDX)

4955.0, 2210-2220, 02/11, R. Cultural Amauta, Huanta. Quechua, tks, Indian songs. 35332. (Carlos Goncalves-Portugal/PlayDX)

5025.0, 2204-2214, 04/11, R. Quillabamba, Quillabamba. Songs, advs. QRM Cuba. 33331. (Carlos Goncalves-Portugal/PlayDX)

PHILIPPINES B17 schedule for Radio Filipinas via IBB Philippines transmitters:

0200-0330 12010-pht 15640-pht 17820-pht (PBS) in Tagalog or English
1730-1930 9910-pht 12120-pht 15190-pht (PBS) in Tagalog or English
(HFCC/British DX Club)

11650, FEBC (Radio Teos), F/D e-QSL "Mast antenna" in 150 days for report to: norie.estabillo@febc.ph. (Alexander Golovikhin-Russia/DX Fanzine)

17700 NF, R. Pilipinas, ex:12010, at 0200, on Oct 31. Choral anthem; time pip (about one minute late); ID; sound bites from various past presidents; 0220 "From the News Center of Radio Pilipinas. This is the PBS News" // 15640 & 17820, with 17700 being the strongest. (Ron Howard-CA)

ROMANIA B17 schedule for Radio Romania International in English:

0100-0200 Am 6130-gal 7325-gal
0400-0500 AsAm 6020-gal 7410-tig 11790-gal
9800-tig-drm
0630-0700 EuAu 7345-tig 17780-gal 15450-tig-drm 9770-gal-drm
1200-1300 EuAf 15460-tig 17650-tig 17765-gal 21490-tig
1800-1900 Eu 5935-tig 7350-tig-drm
2130-2200 EuAm 6170-tig 7310-tig 7375-gal 6030-gal-drm
2300-0000 EuAs 5980-gal 7220-gal 7325-tig 9620-tig
(HFCC/British DX Club)

11660, R Romania Int heard on air at 0735 tune-in on 29 October with an unscheduled broadcast in English. This doesn't match either the old A-17 or new B-17 schedule in any way. (Alan Roe-UK)

RUSSIA 7345, R. Sakha, Yakutsk, Sep.29 at 0948-1010 in Russian. SI0353. Discussing by two men. Local pops at 0955. (Nagatani-Japan/Japan Short-wave Club)

SAUDI ARABIA Republic of Yemen Radio, Nov. 14:

0300-0900 on 11860 JED Arabic, strong
0900-1800 on 11860 unknown tx Arabic, strong
(DX Mix-Bulgaria)

Al-Azm Radio, Nov. 14:

0700-1700 on 11745

(DX Mix-Bulgaria) Al-Azm Radio is a new Arabic service from the Saudi Broadcasting Corporation for troops in the southern part of the Kingdom. The radio began broadcasting around 21st September at 0700-1700 on 11745 via Jeddah/Riyadh to Near/Middle East. An additional time slot is scheduled for 1700-2000, also on 11745, via Jeddah/Riyadh but this never been heard here at that time. (Michael Ford-UK/British DX Club)

SOLOMON ISLANDS 9545, SIBC-Honiaria, 0553-0717*, 29-10, extended px, soccer, live match, team Western United, some advertisements, at 0701 ID: "Solomon Islands Broadcasting Corporation", news, male, female, English, at 0715 songs, and at 0717 transmission cut off. 15321 and for moments 25322. (Méndez-Spain/PlayDX)

SOMALIA Weak to fair signal of Radio Hargeysa in English, Nov. 15:

1230-1400 on 7120 HAR English, QRM HAM's (DX Mix-Bulgaria)

7120, Radio Hargeisa. Reasonable audio this morning (Nov. 8) at 1330. Went off at 1402. (Dave Valko-PA)

SOUTH AFRICA Channel Africa winter schedule 2017/18 via Meyerton Mon-Fri:

0300-0400 on 3345 (to 0500) 6155 English
0500-0900 on 7230 English
0600-0700 on 15255 English
0900-1600 on 9625 English (1200 Nyanja, 1300 Lozi, 1400 Portuguese, 1500 English)
1500-1600 on 17770 KiSwahili
1600-1800 on 15235 French (1700 English)
1600-1700 on 6035 English
(HFCC via hjb/Worldwide DX Club)

15320, RTE and Channel Africa via Meyerton 15235: 2 F/D pdf letters received together from Sentech in 396 days. V/S: Sikander Hoosen, High Frequency Coverage Planner. I sent my reports to the following E-mail addresses: support@sentech.co.za, hoosens@sentech.co.za. (The reply came from this address). Despite both QSLs were dated 25 April 2017, they were e-mailed together on 17 October 2017! (Antonello Napolitano-Italy/DX Fanzine)

SPAIN Winter B-17 of Radio Exterior de España is same as B-16:

1500-1900 on 9690 NOB Spanish Sat/Sun
1500-1900 on 15390 NOB Spanish Sat/Sun
1500-1900 on 15500 NOB Spanish Sat/Sun
1500-1900 on 17755 NOB Spanish Sat/Sun
1900-2300 on 9690 NOB Spanish Daily
1900-2300 on 11685 NOB Spanish Daily
1900-2300 on 15390 NOB Spanish Daily
1900-2300 on 15500 NOB Spanish Daily
(DX Mix-Bulgaria)

SRI LANKA 9720 SLBC. Weak signal but nice local music coming through (Nov. 21). The Tamil px comes on at *1115 and runs for an hour. I always find the mx especially exotic. YL chanting right now, ll25. (Ralph Perry-IL)

SWAZILAND Reception of Trans World Radio Africa via Manzini on Nov. 17:

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

TURKEY A17 schedule for TRT Voice of Turkey in selected languages:

English 0400-0500 on 6125 7240; 1330-1430 on 12035; 1730-1830 on 11730; 1930-2030 on 6050; 2130-2230 on 9610; and 2300-2400 on 5960
French 1830-1930 on 9620 and 2030-2130 on 5970 9625
German 1230-1330 on 15270 and 1830-1930 on 5945
Italian 1500-1530 on 6185
Russian 1400-1500 on 9410
Spanish 0200-0300 on 9410 9650 and 1730-1830 on 9495
(British DX Club)

UNITED ARAB EMIRATES Winter B-17 shortwave schedule of BaBcoCk Relay for Trans World Radio Africa:

0330-0345 on 9655 DHA Amharic Sun/Mon/Fri
0330-0345 on 9655 DHA Oromo Tue
0330-0345 on 9655 DHA Sidamo Wed/Thu
1300-1315 on 17680 DHA Afar Thu-Sun
(DX Mix-Bulgaria)

USA Radio Free Asia Effective 29 October 2017 Uyghur
through 28 March 2018:

Burmese

0030-0130 on 12115 15700 17510
1230-1400 on 11795 12105 13735
1400-1430 on 11795 12105

Cantonese *FNP

Khmer

1230-1330 on 9325 11750
1430-1500 on 9720 11750
2230-2330 on 11850 15275

Korean

1500-1700 on 1188 5885 9915 9985
1700-1900 on 1188 5885 9985
2100-2200 on 7485 9860 9985

Lao

0000-0100 on 13685
1100-1200 on 13685

Mandarin

0300-0500 on 11980 15340 17660
0500-0700 on 11980 15340 17660 21700
1500-1600 on 7415 9790 11765
1600-1700 on 6120 7415 9455
1700-1900 on 7415 9455 9860
1900-2000 on 1098 5890 7475 9455 9860
2000-2100 on 1098 5890 7300 7475 9455 9590
2100-2200 on 1098 7475 9410 9455
2300-2400 on 9860 9900 11775

Tibetan

0100-0200 on 9670 11895 11950 13795 15270
0200-0300 on 9455 9670 11895 11950 17525
0600-0700 on 17675 17815 21480 21680
1000-1100 on 9690 15665 17830
1100-1200 on 9315 11550 15745
1200-1300 on 9315 11555 12055 15375 15745
1300-1400 on 9315 12050 13650 15375 15745
1500-1600 on 7540 9315 11660 11805
2200-2300 on 7470 7480 9790
2300-2400 on 5970 7470 7540 9535

0100-0200 on 7480 9450 9700 13705 17540
1600-1700 on 7545 7565 11720 11800

Vietnamese

1400-1430 on 1503 11850 13735
1430-1500 on 11850 13735

FNP = Frequency Not Promoted (Andrew "A.J." Janitschek - Radio Free Asia)

WBCQ was asked to stop broadcasting on 3250 by the FCC as it was causing interference to a military station on 3245. The new frequency is 3265 which has been active since mid-October. This frequency is mainly used Saturday around 0000-0200. (British DX Club)

VATICAN B17 schedule for Vatican Radio in English:

0730-0745 Mon-Sat on 11935-smg
1130-1200 Fri on 15595-smg 17590-smg (Mass)
1530-1600 Sat on 9510-pht 11700-pht (Mass)
1715-1730 Daily on 9700-smg
1630-1700 Daily on 11625-mdc 13765-smg
2000-2030 Daily on 7365-smg 9660-smg
(HFCC/British DX Club)

VIETNAM 6020, Nov. 18, 1241, Voice of Vietnam, program 4 via Dac Lac, 1241+. Non-stop repetitive indigenous chanting; in vernacular. Reception stronger than normal. Dac Lac province is in the Central Highlands and has many indigenous people there who are not ethnically Vietnamese. So, NBC Bougainville has for a long time now discontinued the use of this frequency. (Ron Howard-CA/Shortwave Bulletin)

ZANZIBAR ZBC is back on 6015 and 11735 after a period of several weeks off the air. Observed on 11735 in Swahili, good reception most evenings from approx 1500-2100, including news in English at 1800. The 6015 frequency is in use in the early morning from sign-on at 0300. (British DX Club)

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



Pirate Radio Report

George Zeller • 3492 West 123rd 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. During December we enter by far the largest holiday period for pirate radio activity during any time of the year. The big December holiday period begins around Christmas Eve on December 24, extends through Christmas on December 25, and comes to another high point on New Year's Eve on December 31, of course then extending into New Years Day on January 1. The period between Christmas and New Years also typically supports some pirate radio broadcasting activity.

One major upside this month is that darkness propagation in North America reaches its maximum number of hours per day as winter begins, and seasonal static levels on the shortwave bands reach their low point.

Pirate busts by the FCC during the past month were mainly concentrated in the New York City metro area and in Florida as usual. The FCC issued a Notice of Unlicensed Operation to Jason Bird for operating an FM pirate on 88.5 MHz from his residence in Las Vegas, NV. The FCC issued a Notice of Unlicensed Operation to Rose Monique Almonor for operating an FM pirate on 99.5 MHz from a residence in Pompano Beach, FL. The FCC issued a Notice of Violation to the state of Hawaii for operating a transmitter on a street sweeper on 121.9 MHz at Honolulu International Airport that interfered with aircraft operations at the airport. The FCC issued a Notice of Violation to Tamara Jackson of Hartford, CT for operating an FM pirate on 99.3 MHz from a residence in Hartford, CT. The FCC issued a Notice of Violation to Roberta Davis for operating an FM pirate on 106.5 MHz from a property in Stamford, CT. The FCC issued a Notice of Unlicensed Operation to Pastor Nana Frimpong of Power Tabernacle

Ministries for operating an FM pirate on 107.5 MHz from the church in East Hartford, CT. The FCC issued a Notice of Unlicensed Operation to Oraine Ennis for operating an FM pirate on 99.3 MHz from an apartment building in Hartford, CT. The FCC issued a Notice of Unlicensed Operation to John Pierre for operating an FM pirate on 93.7 MHz from a residence in Brooklyn, NY. The FCC issued a Notice of Unlicensed Operation to Ray Daniels for operating an FM pirate on 100.9 MHz with an ID of World Hype Radio from a residence in Stroudsburg, PA. The FCC issued a Notice of Unlicensed Operation to Victor Miller for operating an FM pirate on 90.1 MHz from a residence in Bronx, NY. The FCC issued a Notice of Unlicensed Operation to Tashai Martin Foster for operating an FM pirate on 105.5 MHz from an apartment building in Hartford, CT and also operating an FM pirate on 106.3 MHz from a residence in Waterbury, CT. The FCC issued a Notice of Unlicensed Operation to Darnette Daniels for operating an FM pirate on 106.5 MHz from a property in Bridgeport, CT. The FCC issued a Notice of Unlicensed Operation to James Seitz for operating an FM pirate on 92.9 MHz from a commercial building in West Palm Beach, FL. The FCC issued a Notice of Unlicensed Operation to Wilmeack Pierre of Dacypher Entertainment for operating an FM pirate on 88.5 MHz from this business in Mattapin, MA. The FCC issued a Notice of Unlicensed Operation to Miqui Mora for operating an FM pirate on 91.3 MHz with an ID of La Bakana FM from a business in Queens, NY. The FCC issued a Notice of Unlicensed Operation to Ignace Jean-Charles for operating an FM pirate on 106.3 MHz from a residence in Mattapan, MA. The FCC issued a Notice of Unlicensed Operation to Efrain Lanchi Ortega for operating an FM pirate on 95.9 MHz with an ID of Radio Xplosion Hits 95.9 FM from a property in Queens, NY. The FCC issued a Notice of Unlicensed Operation to David Cange for operating an FM pirate on 107.5 MHz from a residence in Dorchester Center, MA. The FCC issued a Notice of

Unlicensed Operation to William Batiste for operating an FM pirate on 91.3 from a property in Newark, NJ. The FCC issued a Notice of Unlicensed Operation to Vladimir Rosario for operating an FM pirate on 104.7 MHz from a residence in Bronx, NY. The FCC issued a Notice of Unlicensed Operation to Richard Hairston for operating an FM pirate on 96.7 MHz from a residence in Erie, PA. The FCC issued a Notice of Unlicensed Operation to Milka Placencia for operating an FM pirate on 102.9 MHz from a residence in Perth Amboy, NJ. The FCC issued a Notice of Unlicensed Operation to Ludwig Frieberg for operating an FM pirate on 90.7 MHz from a residence in Oxford, NJ. The FCC issued a Notice of Unlicensed Operation to Jonathan Alcantara for operating an FM pirate on 95.5 MHz from a residence in Hazleton, PA. The FCC issued a Notice of Unlicensed Operation to Rocheney Charles and Judith Oreste for operating an FM pirate on 93.7 MHz from a residence in Lake Worth, FL.

and ever-changing pirate radio operations on shortwave.

Captain Morgan Shortwave 6950.5 2355-0200 9/28-29/17 fair. Mostly a prgm of blues mx w/Twilight Zone theme mx. (Taylor-WI)

Clever Name R. 6940 2122 9/17/17 fair. Prgm of rock mx & a poem. (Taylor-WI)

Clever Name R. 6940 2324-2339* 9/29/17 good. Prgm of dance mx and a hello to North Korea. (Montney-MI)

Clever Name R. 6940 2336 9/29/17 fair to good. Prgm of mellow rock mx. (Taylor-WI)

Clever Name R. 6935 2307 10/6/17 fair. Prgm of "segued" rock mx. (Taylor-WI)

Clever Name R. 6935 0005 10/8/17 fair. Prgm of light rock mx "that they can't play on the radio." (Taylor-WI)

Doctor Detroit 6965p AM 0017 9/22/17 fair. Prgm of instr mx w/no tlk. ID presumed from others. (Taylor-WI)

Doctor Detroit 6965p 0017 9/23/17 poot. Little more than a detectable carrier. ID presumed from others. (Hauser-OK)

Jihad R. 6940 2341-0003 10/2/17 S6-S7. Prgm of blues mx w/British accented aocr saying that they will blow you sky high. Apparently a relay via Clever Name R. (Hauser-OK)

Mic R. 6880 2145 9/24/17 fair. Prgm of mellow rock mx w/IDs by a synthesized YL vox that was difficult to copy. (Taylor-WI)

Moonlight R. 6965p 0037-0050 10/8/17 S6-S7. Prgm of rock mx. (Hauser-OK)

PBS Vietnam War Episode 6 Relay 6965p 0017 9/23/17 S9+5. Relay of the audio from this PBS bcst. (Hauser-OK)

Pee Wee R. 6924.7 2324 9/22/17 good. Prgm of various rock mx w/SSTV image at close promoting nonstandard pirate frequencies. (Taylor-WI)

Our Executive Director Rich D'Angelo forwards an item from *Radio World* about the Fabrice Polynice and Harold plus Veronice Silo bust regarding the 90.1 MHz pirate in Miami. This proceeding has been ongoing for five years now. Polynice is the alleged station operator, while the Silos are his landlords. In a precedent-setting 5-0 vote, the FCC commissioners levied both an all-time record breaking fine of \$144,344, assessing the fine to both Polynice and his Landlords. Both the size of the fine and the dual fine against the operator and the landlords "send a message" from the FCC, according to *Radio World*.

In a follow-up to last month's news, USA President Donald Trump failed to have the FCC bust all of NBC's National Broadcasting Corporation transmitters, because they were broadcasting "Fake News" critical of Trump. As we reported last month, NBC operates zero transmitters in any country on the NASWA country list, including the United States.

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

Pee Wee R. 6950 2355 9/30-31/17 fair. Prgm of various rock mx and some parody comedy bits. (Taylor-WI)

Pee Wee R. 6955 0145 10/1/17 very good. Prgm of Tom Petty & other rock mx. (Taylor-WI)

Pee Wee R. 6955 0159 10/8/17 fair to good. Mostly parody sketches w/some IDs in CW. (Taylor-WI)

R. Free Whatever 6965 2210-2219 10/17/17 good. Dick Weed & Stavin in Russian accents w/prgm of mellow rock and obscure rock mx. (Taylor-WI)

R. Illuminati 6954.9 2349 10/6/17 fair. Mainly a rock mx bcst. (Taylor-WI)

R. Paisano 6965p 0020 9/23/17 S6-S7. Mainly Italian prgming on this annual Columbus Day pirate. (Hauser-OK)

Tangerine R. 6950 0005 10/8/17 fair. Relay of this old hall of fame hilarious comedy pirate. (Taylor-WI)

Tangerine R. 6950 0019-0025 10/8/17 S9+10. A discussion of athiesm into an old 1980's Tangerine comedy prgm. Gave old and defunct Hilo, HI addr. (Hauser-OK)

Wolverine R. 6965 0035 10/1/17 very good. Prgm of rock mx w/"around" in their themes. SSTV circus image at close. (Taylor-WI)

Wolverine R. 6965 0048-0052 9/23/17 S9+25. Prgm of rock mx incl "Rock Around the Clock" w/powerhouse signal. (Hauser-OK)

WQLD Relay 695 0035 10/8/17 fair. Prgm of rock mx from licensed stn in Montgomery, AL w/promos for community radio. (Taylor-WI)

YHWH 7469.4 2324 9/22/17 good to very good. Usual religious prgm. (Salmirniw-BC)

YHWH 7470 0245 10/4/17 S9+10. Lengthy discussion by OM consisting of unorthodox Christian theology. (Hauser-OK)

YHWH 7470 0248 10/4/17 poor in static. Lengthy discussion by OM consisting of unorthodox Christian theology. (Taylor-WI)



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. This group is intended for social interaction between the club members. 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. If you are into social media, give it a try.



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.



QSL Report

Sam Barto • 78 Blakeman Road • Thomaston, CT 06787

ALASKA: KNLS 11870 via Anchor Point p/d greeting card "Snow on Transmitter Building" card in 3 months for return postage. (Miller-GA).

ROMANIA: Radio Romania International 9730 The station verified my electronic report with a full data "Severin Stronghold" card in 110 days. They also included a 2017 Summer Broadcast schedule along with a pocket calendar. (D'Angelo-PA).

TURKEY: TRT The Voice of Turkey 9515 full data "Turkey Marks August 30th Victory Day" card in 38 days for an English report. (Miller-GA).



LRA

LA RED ARGENTINA DE EMISORAS

LRS 11.680 KC/S 26 m.
LRS 1 9.320 KC/S 31 m.
LRS 2 9.985 KC/S 49 m.

STANDARD
URUGUAY 1237 • BUENOS AIRES • REP. ARGENTINA

USA: Pan American Broadcasting

informally verifying my reception in two days while providing some background information

about their broadcasting mission claiming good reception of their transmission in the African target area. The station mentioned that "Regarding your reception report, Jeff Bernald, one of my associates will be verifying your reception report and sending you the appropriate documentation." The response was from Carmen D. Jung. (D'Angelo-PA).

LA VOZ DE LA CAPITAL

EMISORA DE LA C.A.

"EL COMERCIO"

APARTADO 57
QUITO-ECUADOR

TELEFONOS
214-189-510-908
511-228

HCJB LA VOZ DE LOS ANDES

GRANDE ES TU FIDELIDAD

Señor, tu estableces la paz a favor nuestro, porque tú eres quien realiza todas nuestras obras

Isaias 26:12 NVI

HCJB
WORLD RADIO
AMERICA LATINA

A rather short QSL Column this month. QSL's have been rather slow as of late but I do expect that they will turn around.

I know you DX hounds are out there so get your reports into all sections of the bulletin and especially to the QSL Column.

See you all next month...Sam.



QSL Bayerischer Rundfunk

Contributors' Page

DEADLINE FOR CONTRIBUTIONS IS THE 10th OF THE MONTH


The following members sent in contributions:

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

Jerry ERVINE, Mission, TX
Vince HENLEY, Anacortes, WA

Brandon JORDAN, Memphis, TN
Bill McGUIRE, Cheverly, MD
Sherry PASZKIEWICZ, Manitowoc, WI
Ralph PERRY, Wheaton, IL
Pamela PRODAN, Wilton, ME
Alan ROE, Teddington, UK
Ronald SIVES, South Plainfield, NJ
David TURNICK, Sinking Spring, PA

Stephen WOOD, Harwich, MA

IC-R-75, Eavesdropper
RX340, DX Sloper
Perseus SDR, Wellbrook ALA-100, Collins HF-2050,
KLM 7-30 MHz log periodic
Icom R75, Tecsun 660, AOR LA380 loop
PL-380, NRD-525, R8B, ICF-2010, RX-340, Alpha-
Delta DX Ultra, whip
WinRadio G33DDC, NetsDR, ALA-100
DX-380
NRD-525, Eavesdropper
R8B, NRD-545, E1, 355' bi-dir LW
YachtBoy 400PE
WinradioG33DDCExcalibur,,ELADFDM-S217mlongwire
Eton field radio and 66' SWL dipole
RX340, WinRadio G31DDC, Alpha Delta DX sloper,
49m dipole
Drake R8B, 25x50 60 deg N/E superloop 

2000-30000 kHz

Loggings

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

- 3215 **UNITED STATES WWCR** Nashville 10/29, 0700-0707 ; the gospel church of the apostolic faith in Philadelphia invites the public to join them. SIO 333 (Sives-NJ)
- 3215 **UNITED STATES WWCR** 11/5; 0400, "USA Radio News", preceded by old time music; several commercials mixed in before switching to excerpts from old time radio programs. 32222 (Sives- NJ)
- 3310 **BOLIVIA Radio Mosoj** Chaski, Cochabamba. OCT 29 *0901 - transmitter on at 0854:47 with open carrier until sign-on at 0901:10, female announcer, Andean music, talks, poor and slightly improving toward 0947 UTC sunrise at transmitter. [Jordan-TN]
- 3955 **UNITED KINGDOM KBS World Radio** Woofferton, 11/01, 2040. German. Traditional music presented by male in the program "Musik verbindet". 55444. (Roe-UK)
- 3985 **GERMANY Radio Mi Amigo** Kall, 10/30, 1805. English. Bruno Hantson's Soulbox with a great selection of soul music. 55444. (Roe-UK)
- 4764 **PERU OAZ5B Radio Huanta 2000**, Huanta. OCT 29 0047 - lively Tulio Zuluaga song, announcement string, song Vendras Llorando by Olga Tañón at 0052 with DJ talk-over "Huanta Dos Mil!". Off mid-song at 0057:27*. Fair signal with barely audible CODAR. [Jordan-TN]
- 4765 **CUBA Radio Progreso Bauta**, 10/25, 0310. Spanish. Easy listening ballads with female presenter. ID at 0400 and then sign-off with National Anthem. 25432. (Roe-UK)
- 4810 **PERU Radio Logos**. Chazuta. OCT 29 *0900 - Sign-on at 0900:15, canned ID by man with slight echo: "Estás sintonizado a Radio Logos, en los cuatro mil ochocientos diez kilohertz onda tropical, transmitiendo desde transmitiendo desde Chazuta.,Very good signal, slight CODAR QRM. [Jordan-TN]
- 4840 **UNITED STATES WWCR** Nashville: 10/29,0425-0433, religious programming.SIO 322 (Sives-NJ)
- 4875 **BRAZIL Radio Roraima**, Boa Vista, RR. OCT 29 *0902 - Sign-on at 0902:24 with choral NA, canned ID by man at 0904, pop song, "Bom dia", announcemnts, music. Fair signal, muddy modulation. [Jordan-TN]

- 4885 **BRAZIL Radio Difusora Acreana**, Rio Branco, AC. OCT 29 *0852 - Sign-on at 0852:07 slightly under, rapidly becoming dominant over fading co-channel Radio Clube do Pará, canned ID by man, choral NA, lively music, talk. Fair signal at times, excellent modulation. [Jordan-TN]
- 4885 **BRAZIL Radio Clube do Pará**, Pará, AM. OCT 29 0658 - Lengthy canned ID by man mentioning many frequencies, pop music, excellent signal. [Jordan-TN]
- 4925 **BRAZIL Radio Educação Rural**, Tefe, AM. OCT 29 *1014 - male announcer with echo, caught mention of Amazonas, music. Poor, fading as Tefe sunrise was 0955. [Jordan-TN]
- 5025 **CUBA Radio Rebelde** in SS. SIO 343. November 4, 2017, 2336 - 2338. M announcer, Heavy QRN, rapid RSB. M Monologue with MX. (Henley, WA)
- 5025 **CUBA Radio Rebelde** 0008-12 Spanish 2 m in discussion; fair 10/24; 2305-2359 Cuban music; good 10/29 (Prodan-ME)
- 5040 **CUBA Radio Habana Cuba** in EE. SIO 343. November 4, 2017, 2330 - 2335. MX program in EE. Listed target is SAM. MX with male vocals. (Henley, WA)
- 5040 **CUBA Radio Habana Cuba** 0000-07 French, talk; fair 10/24 (Prodan-ME)
- 5040 **CUBA Radio Havana Cuba** Bauta, 11/05, 0630. English. Music with a Message: music by Tracey Chapman. 45333. (Roe-UK)
- 5085 **UNITED STATES WTWW** Lebanon TN.; 10/29, 0435-0443, Saturday night country oldies show. SIO 322 (Sives-NJ)
- 5810 **UNITED STATES- WEWN** Vandiver, Alabama 10/22; 0520-0525_religious program in SS. 54344 (Sives-NJ)
- 5850 **UNITED STATES WYFR** relay of Radio Prague in EE. SIO 555. Excellent signal. November 4, 2017, 2339 - 2350. M discussion of Czech history and literature.. (Henley, WA)
- 5890 **UNITED STATES WWCR** in EE, religious broadcast. SIO 444. November 4, 2017, 2351 - 2359. M preacher with sermon and debate over the meaning of certain Bible verses. Program and carrier off air at 2359 following sign-off ID. (Henley, WA)
- 5910 **COLOMBIA Alcaraván Radio** - Puerto Lleras, 0410-0509 Oct 14, program of Latin vocals hosted by a woman announcer with Spanish language talk, occasional station IDs and announcements. Fair. (D'Angelo-PA)
- 5920 **UNITED STATES WHRI** Cypress Creek SC, 11/4; 0034, non-stop country rock type music which didn't seem to be particularly religious or inspirational; performed in front of an audience. Unknown if live or recorded. Suddenly ceased at 0057. SIO 444 (Sives-NJ)
- 5920 **UNITED STATES WHRI** religious broadcaster in EE. SIO 444. November 5, 0000 - 0008. USA Radio News, covering anti-Trump demonstrations, NYC Marathon, BMW recall, new school rating methodology, jobs report, 4.1% unemployment rate, Kevin Spacey sex scandals, etc. Rock MX tune follows. (Henley, WA)
- 5935 **UNITED STATES WWCR** religious broadcast in EE. SIO 555. November 5, 2017, 0009 - 0012. Dr. Gene Scott program. M preacher spouting Bible verses and interpreting them. (Henley, WA)
- 5939 **BRAZIL Radio Voz Missionária**, Camboriú, SC. OCT 29 0600 - contemporary Brazilian Christian and traditional vocals, brief canned ID by man at 0604 and back to vocalst. [Jordan-TN]
- 5960 **GERMANY The Mighty KBC** trucker radio in EE from Nauen. SIO 544. November 5, 2017, 0012 - 0040. Very good signal. Rock MX program in EE, target NAM.. (Henley, WA)
- 5980 **SOUTH AFRICA Channel Africa** Meyerton, 10/25, 0345. English. Africa Rise and Shine with current affairs reports and sports news. 45444. (Roe-UK)
- 5985 **MYANMAR Radio Myanmar** at 1527 UTC Oct 9 with local music to 1529 when lady in Burmese with presumed announcement of the end of the broadcast in Burmese. 1530 UTC usual sign on music and announcements in English followed by news. Very Strong. (Delmage. AB)
- 5985 **MYANMAR Myanmar Radio** at 1515 UTC October 18 with unique Burmese songs to 1528 with announcements in Burmese followed by signature tune at 1530 and sign on announcements for the English program and frequencies given. (Delmage. AB)
- 6000 **CUBA Radio Habana Cuba**, Bauta; 10/29 in EE, 0445-0458, American music from the Great Depression era. 32233(Sives-NJ)
- 6000 **CUBA- Radio Habana Cuba**, 11/5, 0605- 0610, in EE; commentary about corruption with Brazilian politicians and businessmen. 34433 (Sives-NJ)
- 6015 **CHINA PBS Xinjiang** Urumqi, 11/03, 2330. Kazakh. Long talk by male followed by some local music then talk by female. 35232. (Roe-UK)
- 6020 **ROMANIA Radio Romania Int'l** 11/5, 0420-0452; some talk before station ID at 0422. Music from 0430-0439, DX mailbag, then a segment of "Partners in a Changing World". 34433 (Sives-NJ)
- 6020 **ALBANIA China Radio Int'l** English 0055-0110 Chinese lesson, then "Beijing Hour" news at 0100; good 11/7 (Prodan-ME)
- 6070 **CANADA CFRB** Toronto 2252-59 "Tech Talk" interview with Craig Knutson, consultant to Yamaha about "DiscClavier" & "MusicCast" piano; 10/29 good (Prodan-ME)
- 6070 **GERMANY Channel 292** Rohrbach, 10/16, 0610. Music. Oldies music. 45433. (Roe-UK)

- 6085 **GERMANY Radio Mi Amigo** Kall, 11/06, 0915. English. Cpt Kord with new Monday show playing oldies. 35333. (Roe-UK)
- 6090 **ETHIOPIA Amhara State Radio** – Addis Ababa, 0324-0403 Oct 11, tuned in to hear a man announcer talking in the Amharic language. Fair signal. (D'Angelo-PA)
- 6090 **ANGUILLA Caribbean Beacon**, 0200-0227 Nov 1, noted back on air with religious programming in the English language with excellent signal. However, next night no signal present at 0100 so not everything is back to normal yet. (D'Angelo-PA)
- 6090 **ETHIOPIA Amhara State Radio (pres)** Adis Ababa, 10/22, 2015. Amharic. HoA music. 25322. (Roe-UK)
- 6100 **CUBA - Radio Habana Cuba**, Baits 10/22; 0532-0537; a weekly show called Music With a Message, featuring Stevie Wonder. 21212 (Sives-NJ)
- 6110 **ETHIOPIA Radio Fana (pres)** Adis Ababa, 10/22, 2015. Amharic. HoA music & OM talk. 25322. (Roe-UK)
- 6130 **ROMANIA Radio Romania INT'L** 10/29 0100- 0140 in EE; culinary show featured recipes with beets. Prominent music festival mentioned. Musical excerpts highlight a saxophone player. 32233 (Sives-NJ)
- 6130 **CHINA PBS Xizang** Lhasa, 11/03, 2230. Tibetan. Tibetan songs with promos between. 45433. (Roe-UK)
- 6145 **CHINA CNR1** domestic broadcast in CC. // 6125, 6180. SIO 433. November 4, 2017, 1540 -1545. M & F in long harangue. QRM and QRN on all frequencies. Slight QSB. Listed language is Mandarin, listed target is China and the Far East. (Henley, WA)
- 6155 **ALASKA KNLS** in RR, religious broadcast. SIO 555. November 4, 2017, 1525 – 1540. ID and contact information given, followed by choral MX hymn in EE by the "Greg Nelson Singers." M & F announcers, religious exhortations and then more hymns. (Henley, WA)
- 6155 **AUSTRIA Radio Austria Int'l** Moosbrunn, 11/01, 0640. German. Classical music (Mozart). 55555. (Roe-UK)
- 6195 **BOTSWANA Voice of America** English 1900 m ann noting availability of program schedules; very good 11/3 (Prodan-ME)
- 7181 **ERITREA Voice of the Broad Masses of Eritrea** – Asmara, 0330-0402 Nov 2, thanks to a tip from Ralph Perry noted two nights in a row with man announcer talks in presumed Amharic language followed by Horn of Africa music. (D'Angelo-PA)
- 7220 **CHINA CRI** in JJ. SIO 555. Excellent signal. November 4, 2017, 1545 – 1600. F announcer and commentator in JJ. ID and contact information given as CRI at top of hour. Carrier off at 1600. (Henley, WA)
- 7220 **ROMANIA Radio Romania Int'l** Galbeni, 10/30, 2315. English. The History Show (about Inter-ethnic Cohabitation in Greater Romania) ,followed by Think Greener (about a census of pelicans). Slight co-channel QRM from CRI. 54444. (Roe-UK)
- 7240 **TURKEY Voice of Turkey** – Emirler, 0405-0426 Nov 1, man announcer with news in the English language. Nice ID at 0412 followed by Turkish music and then a woman announcer with a history segment. Fair. (D'Angelo-PA)
- 7255 **NIGERIA Voice of Nigeria** – Ikorodu, 0654-0712 Oct 11, during a insomnia moment I tuned in to a man announcer speaking in the Hausa language. Brief instrumental music at 0700 followed by station ID and change to French language with a woman talking. Short instrumental music bridges. Poor to fair with deep fades. (D'Angelo-PA)
- 7255 **NIGERIA Voice of Nigeria** at 2045 UTC Nov 1st tune in with African music and fast talking man with many mentions of Nigeria (lang?) between songs. IS at 2058 UTC then off at 2101 UTC. Good (Delmage, AB)
- 7285 **ALBANIA China Radio Int'l** Cerrik, 10/22, 2040. English. Alight on Literature with a reading of The Rape of Nanking. 55555. (Roe-UK)
- 7300 **ENGLAND Radio Akhbar Mufriha (HCJB)** – Woofferton, 2104-2144* Oct 28, brief fifteen-minute program with contact information provided at 2115, 2130 and again just prior to close. Seemed to be Arabic language program. Fair. (D'Angelo-PA)
- 7315 **UNITED STATES WHRI** EE 11-7-17 0310 MX male vocal and mixed group. Commercial w/Indiana address, 0334 message to 0358. Mention of web site on SWR for religion. South Bend address. Broadcasting from Cypress Creek, SC. G. (JE-TX)
- 7320 **CLANDESTINE Denge Kurdistane** – Yerevan-Gavar, 0408-0443 Oct 22, finally heard from this new broadcast location with poor to fair signal and non-stop Kurdish vocal selections. (D'Angelo-PA)
- 7325 **CHINA China Radio Int'l – Xian**, 2124-2130* Oct 9, man announcer with non-stop talk in listed Serbian language until the carrier was terminated. Poor signal. (D'Angelo-PA)
- 7325 **ROMANIA Radio Romania Int'l** – Tiganesti, 2220-2243 Oct 9, man and woman announcers hosting the English language program with report on waste management and recycling activities in country followed by Sports update. Fair to good signal. (D'Angelo-PA)

- 7325 **SÃO TOMÉ Voice of America** - Pinheira. 2048-2101* Oct 28, man announcer with talk in the listed Hausa language followed by a vocal selection at 2057. At 2199 a man announcer in English language station IS "This is the Voice of America, Washington, DC signing off." This was followed by Yankee Doodle theme music until carrier was terminated. Fair. (D'Angelo-PA)
- 7355 **UNIDENTIFIED** Language discernible as EE. SIO 321, poor, with much QRM. November 4, 2017, 1600 - 1610. (Henley, WA)
- 7395 **CHINA China Radio Int'l** Kashi, 11/05, 7435. Italian. "Music from China" Chinese song followed by a report about Tibet into a folk-type song - featuring flute and imitation bird calls. 55444. (Roe-UK)
- 7405 **UNITED STATES Radio Marti**, Greenville, S.C. 10/22, 1340-1350, in SS; talk and music mix with two ancr. One song sounds like Freddy Fender. SIO-333 (Sives-NJ)
- 7405 **UNITED STATES Radio Marti** Greenville, SC; 10/28 in SS, 1254-1312, talk from one OM ancr, station ID followed by presumed news; 43333 (Sives-NJ)
- 7410 **VATICAN Vatican Radio**, 2216-2219, 10-24-17. Man & woman in listed Chinese alternately speaking. Fair signal. (Cichorek-NJ)
- 7425 **NEW ZEALAND Radio New Zealand Int'l** - Rangitaiki, 1233-1258* Oct 10, English program with two men discussing farming techniques followed by station ID and woman announcer hosting pop music selections. Poor to fair. (D'Angelo-PA)
- 7435 **CHINA China Radio Int'l** Jinhua, 11/05, 7435. Italian. "Music from China" featuring Tibetan music in this broadcast. 55333. (Roe-UK)
- 7445 **SRI LANKA, Adventist World Radio**, 2259-2304, 10-30-17. Heard 5+1 TP's then woman in listed Sudanese with presumed ID and talk. SIO333. (Cichorek-NJ)
- 7490 **UNITED STATES WBCQ** Monticello, ME 2230-50+ Alan Wiener talking about polluted water in Puerto Rico, bureaucracy hindering relief work; poor 10/21 (Prodan-ME)
- 7490 **UNITED STATES WBCQ** Monticello, 10/20, 2100. English. "Behavior Night" with some 1920's jazz. 25332. (Roe-UK)
- 7550 **INDIA AIR** at Bengaluru, 2222-2228, 10-24-17. In English "This Nation India" discussion of various sacred shrines and temples with background flute music. At 2228 ID by male ancr. with web site and postal information given. End of transmission at 2229. SIO444 (Cichorek-NJ)
- 7705 **SAUDI ARABIA BSKSA** 11/5, 1452-1456, in Arabic; YL ancr with talk and mx in background. Poor. (Sives-NJ)
- 9395 **UNITED STATES WRMI** Okeechobee, FL 2240-50 pop music "Bye Bye Miss American Pie"; "remembering generations of great music - this is WRMI"; good 10/29 (Prodan-ME)
- 9420 **GREECE Voice of Greece** Greek 2010-2350 mostly music; first hour ranged from simple guitar & f voice Greek music to Salsa & other World Music 11/2 (Prodan-ME)
- 9535 **CUBA Radio Habana Cuba** Spanish 2250+ m & f in discussion; fair 10/29 (Prodan-ME)
- 9570 **CHINA - China Radio Int'l**, 10/29 in EE, 1345-1354; talk is focused on the Great Wall. 22112 (Sives-NJ)
- 9570 **CUBA China Radio Int'l** 1226+ Chinese m ann; good 10/29; 1400-02 English, news - Trump trip to China, off suddenly; good 10/31 (Prodan-ME)
- 9640 **CUBA Radio Habana Cuba** Spanish 1403-25 music & m ann; fair-poor 10/31 (Prodan-ME)
- 9650 **GUINEA Radio Guinée** French 2328-59 Afropop music and incredibly fast speaker; fair-good 10/21 (Prodan-ME)
- 9665 **BRAZIL, La Voz Missionaria**, Camoriu, 0029-0032, 11-8-17. Excited male ancr. talking to 0030 with ID in Portuguese. Male vocals, romantic sounding vocals. SIO333. (Cichorek-NJ)
- 9730 **ROMANIA Radio Romania Int'l**; 10/17; 0030-0056-- two Romanian songs, a very brief DX mailbox, and a live phone interview. (Sives-NJ).
- 9730 **ROMANIA - Radio Romania Int'l**; 10/22 in EE, 0020-0043, music from Sibelius, two songs from a Romanian pop group, and info. for the Listeners Day program (Sives-NJ)
- 9740 **SINGAPORE BBC** 2335-2339, 10-23-17. Slow, soulful vocal followed by woman ancr. in English. Recognizable English but not understandable due to QRM. SIO 322 (Cichorek-NJ)
- 9940 **SWAZILAND Trans World Radio** - Manzini, 1947-1050* Oct 17, man announcer closing the French language program which was followed by IS at 1949 until carrier terminated. Poor. (D'Angelo-PA)
- 11560 **INDIA All India Radio** English 1540-45 f ann with international, financial & sports news; "that's all the news at 9" and off after a full minute of a piercing whine; very good 11/2 (Prodan-ME)
- 11580 **UNITED STATES RAE via WRMI** Argentina 11/3 1400-1407 in SS; station ID in English, followed by talk with two ancr, switch to presumed international news. 55455 (Sives-NJ)
- 11610 **MADAGASCAR World Christian Broadcasting** - Mahajanga, 2118-2142 Oct 19, Mandarin language religious programming with familiar "SMZG.org" electronic address heard at 2129 during station ID break. Followed by vocal selections. Good signal. (D'Angelo-PA)

- 11675 **IRAN VOI** -Sirjan; 11/3, 1409 in listed Russian, although unintelligible. One OM is heard speaking, some sing-ing or chanting detected, then apparent closing theme at scheduled 1420 finish. Very poor (Sives-NJ)
- 11685 **SPAIN REE** Spanish 1951-58 long discussion on Balfour Declaration and history of Israel & Palestine relations; sign-off and "Radio Nacional d'Espagna" IDs over John Denver singing "Take Me Home Country Roads"; good, //15500 good, //15390 v. good 11/2 (Prodan-ME)
- 11735 **ZANZIBAR ZBC** at 1808 UTC Oct 9 in English with news headlines and station ID at 1810 UTC then back in Swahili language. Excellent (Delmage, AB)
- 11735 **ZANZIBAR ZBC** 1800 UTC October 27 they were have difficulties staying on the air. They have been intermittent since I first noted that on Friday. I sure hope they get that fixed as I really enjoy them. (Delmage, AB)
- 11735 **ZANZIBAR ZBC** noted back with Beautiful African music 1820 UTC Oct 31 in Swahili. ZBC ID , 5 plus 1 times pips a half minute early at 1859:30 then news in Swahili. Excellent signal with O-H-R as usual. (Delmage, AB)
- 11760 **CUBA Radio Habana Cuba** Spanish 1533-40 sports news; good 11/2 (Prodan-ME)
- 11815 **TURKEY Voice of Turkey** Turkish 1430-1656 6 tones at toh but no understandable station ID; "www" given but rest not clear; mostly m or f speaking with occasional middle east musical bridges; (Prodan-ME)
- 11900 **SAO TOME Voice of America** French 2015-30 some music, interviews, applause, & congratulatory messages; program ID & sign off; very good 11/3; //12075 good but off at 2027 (Prodan-ME)
- 11930 **UNITED STATES Radio Marti** in SS. SIO 454. November 4, 2017, 1611 - 1620. M announcer in interview / conversation format. Usable signal. Some QRM. ID mentioned frequently. M & F conversations. Modest QSB. (Henley, WA)
- 11930 **UNITED STATES Radio Marti** Greenville, NC Spanish 1635-38 news, including Russian interference in US elections; very good 11/2 (Prodan-ME)
- 11955 **FRANCE Radio Taiwan Int'l** - Issoudun, 1717-1758* Oct 28, tuned in to flute music followed by a man announcer speaking in the Russian language. Program consisted mainly of Russian language talks with brief music segments between talks. Instrumental music from 1749 followed by male vocals at 1756 until carrier terminated mid-song. Fair to good signal. (D'Angelo-PA)
- 11985 **MADAGASCAR, NHK Japan**, 2034-2100, 10-18-17. Man and woman with presumed news followed by talk and female vocals at 2056 till 2100 at close of broadcast. SIO333. (Cichorek-NJ)
- 11995 **FRANCE Radio France Int'l** French 1930-34 news bulletins on terrorism & various African countries; good+ 11/2 (Prodan-ME)
- 12035 **TURKEY Voice of Turkey** 11/5 1407- 1420; listed English, but was unintelligible. Able to detect one YL singer, followed by one OM singer in presumed indigenous mx before one OM anc closed near scheduled time. Very poor. (Sives-NJ)
- 12075 **BOTSWANA Voice of America** French 1937-45 m reporter on attack in NYC; discussion of Balfour Declaration; IDs at ~1941 and 1945 "VOA Afrique"; very good 11/2; on 11/3 2015-27 //11900 good (Prodan-ME)
- 12125 **ARMENIA FEBA Radio** - Yerevan-Gavar, 1616-1630* Oct 28, Amharic language program with talks and vocal selection and some brief instrumental music. Woman announcer with contact information prior to brief instrumental music followed by IS. Poor to fair. (D'Angelo-PA)
- 12125 **ARMENIA IBRA Radio** - Yerevan-Gavar, *1630-1659* Oct 28, after FEBA Radio closed this popped on with a woman announcer with echo effects opening announcements in listed Amharic language.. Poor to fair. (D'Angelo-PA)
- 13745 **THAILAND Radio Thailand** at 0000 UTC Nov 4 with sign on in English with some interference from Radio Havana Cuba on 13740 kHz. Very Good (Delmage) Also noted without RHC Nov 5th at 0030 UTC in English Very very good signal. (Delmage, AB)
- 13845 **UNITED STATES WWCR** Nashville 11/3, 1434-1439, political talk about the upcoming election by an OM anc and a congressional candidate. SIO 545 (Sives-NJ)
- 15130 **ROMANIA Radio Romania Int'l** Romanian 1320-40 mostly "light" songs, many in English, "every time I think of you," some talk, ID at 1531; very good 10/21 (Prodan-ME)
- 15140 **OMAN Radio Oman** at 1456 UTC Oct 9 western pop music to 1500 UTC then man in Arabic softly speaking with birds chirping in the background followed by Qu'ran. Excellent (Delmage, AB)
- 15155 **SRI LANKA Adventist World Radio** English 1840-45 music, "coming to you from AWR your voice of hope," with PO Box in Nairobi fair-poor 11/2 (Prodan-ME)
- 15200 **FRANCE Deutsche Welle** Hausa 1844-47+ f & m speaking, music; at 1858 ID including "D W" in English; good 11/2 (Prodan-ME)
- 15235 **GERMANY Athmeeya Yatra Radio**/Gospel for Asia 1427-28 and 1527-30 m speaking; sign-off at 1527 had Nepal PO box and web address; good 10/31 (Prodan-ME)

- 15290 **FRANCE Deutsche Welle** 1600 UTC October 28th with what appears to be their last English transmission with the program World Link hosted by Neil King. Very Good reception // 15315 kHz also from France transmitters. (Delmage, AB).
- 15300 **FRANCE Radio France Int1** French 1847+ discussion with m & f speakers; poor 11/2 (Prodan-ME)
- 15350 **GERMANY Athmeeya Yatra Radio**/Gospel for Asia 1340-45 m speaking (Tibetan listed) "PO Box ... Katmandu, Nepal," then singing with accompaniment; f & m ann with sitar break; then m speaking Urdu (listed language); good 10/21 (Prodan-ME)
- 15370 **CUBA Radio Habana Cuba** Spanish 1354-1400 m & f speaking, Cuban music, station ID in multiple languages; good 10/21 (Prodan-ME)
- 15390 **GERMANY Athmeeya Yatra Radio**/Gospel for Asia 1404+ programs different from 15350; poor 10/21 (Prodan-ME)
- 15400 **ASCENSION ISLAND BBC** 1849-55 report on study of time of surgery & heart health; maps vs sat-nav; 1900 "Focus on Africa next"; good 11/2 (Prodan-ME)
- 15420 **CLANDESTINE Radio Itahuka** - Talata Volonondry, *1758-1859* Oct 28, open carrier until a man announcer popped on at 1800 with audio talking in presumed Kirundi language with long talks about Rwanda. . Fair to good signal this time. (D'Angelo-PA)
- 15435 **SAUDI ARABIA BSKSA** Radio Saudi 1523-33 Arabic 2 m in discussion, then m singing; fair - good 10/21 (Prodan-ME)
- 15440 **AUSTRIA Adventist World Radio** 1406+ f speaking presumed Urdu; fair-poor with squawk 10/21 (Prodan-ME)
- 15450 **GERMANY Radio Free Europe** Tajik? 1525-28 f & m interviews; fair 10/21 (Prodan-ME)
- 15480 **CHINA CRI** 1456+ Chinese f ann; fair 10/31 (Prodan-ME)
- 15490 **AUSTRIA BBC** English 1534-39 excited soccer play by play & other game scores; fair 10/21 (Prodan-ME)
- 15500 **SPAIN REE** Spanish 1857-1923 news, report on Catalonia situation; good 11/2 (Prodan-ME)
- 15520 **SPAIN REE** Spanish 1539+ soccer play by play & commentators; good 10/21 (Prodan-ME)
- 15580 **BOTSWANA Voice of America** 1900-05 VOA news - Tillerson in Pakistan, Kenya vote, Russian veto, then "International Edition" with Sarah Williams; 1930+ Learning English; 2010-59 "African Beat" music; very good 10/24 (Prodan-ME)
- 15595 **VATICAN CITY Vatican Radio** Arabic 1542+ m speaker; good 10/21 (Prodan-ME)
- 15600 **UNITED KINGDOM Voice of America** Wooferton 11/3, 1441-1453 in listed Kurdish- a discussion between two OM in aseemingly argumentative manner. SIO 222 (Sives-NJ)
- 15600 **BOTSWANA Voice of America** 1457-59 Kurdish, m interviewing m; "Voice of America" sung; "this program
- 15620 **VATICAN CITY Radio Veritas Asia** 1501+ Spanish, religious; very good 10/31 (Prodan-ME)
- 17705 **SAUDI ARABIA-BSKSA** Riyadh 10/22, 1451; came in on the apparent end of a religious service, replete with chanting before cutting off at 1457 as scheduled; Fair to poor. (Sives-NJ)
- 17775 **UNITED STATES KVOH** Rancho Simi, CA Spanish 1506-20 m ann & Mexican music; fair+ but faded out 10/31 (Prodan-ME)
- 17855 **SPAIN Radio Exterior de Espana**-Noble; 10/22, 1510-1522; two OM ancr in SS, in excited tones are talking.I presume this is a soccer game going on. Impressive 55455. (Sives-NJ)
- 17895 **SAUDI ARABIA- BSKSA**,10/29 in Arabic, 1427-1432; religious citations presumed from Quran. Fair to poor w/ heavy QRN. (Sives-NJ)
- 17895 **SAUDI ARABIA BSKSA** 11/5, 1445-1451, in Arabic; religious chant from Quran. Very poor. (Sives-NJ)
- 21505 **SAUDI ARABIA-BSKSA**(listed), 10/29 in presumed Arabic, 1434-1441; mostly unintelligible, but something's there now, just very weak. One blip of strength lasted about 3 seconds.(Sives-NJ)
- 21525 **UNITED STATES Pan American Broadcasting** via WRMI, Okeechobee, 1837-1936 Oct 17, English language religious programming in what appeared to be fifteen-minute blocks. Poor signal and deep fades. (D'Angelo-PA) 

Please remember to direct all communications about subscriptions, bulletin delivery issues, the use of PayPal as a payment method, etc. to Bill Otiver at the club's familiar 45 Wildflower Road, Levittown, PA 19057 or to his e-mail address, billotiver@verizon.net. Thanks!

**31st (!) Anniversary
Winter SWL Fest
Sponsored by NASWA**

March 1st-3rd, 2018
Doubletree Guest Suites

640 Fountain Road, Plymouth Meeting, PA

Special 3-day edition: Attend your favorite forums Thursday, Friday and Saturday! Enjoy meeting with your friends in the Hospitality Room. Bring radio related items for the swap meet or to donate for the Silent Auction. Check out your friends' receivers; bring one of your own for others to try!

No frills; just shortwave, longwave, mediumwave, pirates, and scanning. Once again you will enjoy the camaraderie of your hobby friends.

Please note, there is an incentive for you to pre-register, as prices are more expensive for those who wait. Registration options are also more flexible than in the past, with new one-day and student registrations. **If you wish to participate in the banquet, you must complete registration and payment by Friday morning, March 2nd.** If you choose not to participate in the banquet, there are many nearby restaurants.

Your registration must be postmarked by January 26th, 2018 for the best prices; registrations posted after that date are priced higher. See the registration form below.

GRAND PRIZE To be announced

SPECIAL Register early to win a sw portable! One free entry for an early-bird registration postmarked by January 26, 2018.

Please bring items for the Silent Auction. At least half of the proceeds are donated to charity.

Checks should be made payable to WINTER SWL FEST. Register directly with the hotel for your rooms by calling the Doubletree at (610) 834-8300. For 2018, the rate is **\$109** for a single king bed room, or **\$119** for a two-double bed room, including breakfast. To get this rate you **MUST** tell the hotel staff you're with the WINTER SWL FEST. **You can also reserve your hotel room online; check for the link as well as updated Fest info, at the WINTER SWL FEST Web Page at <http://www.swlfest.com/> or from <http://www.naswa.net/>.**

The Doubletree Guest Suites is conveniently located near the interchange of I-476 and I-276, at the I-276 Norristown exit (#333). Limo service is available from Phila. Intl Airport directly to the hotel.

Online registration available via PayPal – See <http://www.swlfest.com> for details!

If you aren't completing the online registration, please submit the following form with your registration amount or send for more information to:

NEW ADDRESS!!

WINTER SWL FEST, P.O. Box 3292, Allentown, PA 18106

NEW ADDRESS!!

NAME: _____ (SPOUSE'S NAME) _____

ADDRESS: _____

CITY/ST/ZIP: _____ E-MAIL: _____

(REQ. FOR REG. CONFIRMATION)

CHECK ONE OR MORE | MAKE CHECKS PAYABLE TO "WINTER SWL FEST"

REGISTRATION POSTMARKED BY
JANUARY 26, 2018:

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RAFFLE TICKETS:

- raffle tickets, please
(\$1 ea./ 6 for \$5/ 13 for \$10)
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For more information, visit <http://www.swlfest.com>

On the Shortwaves

www.ontheshortwaves.com • Devoted to the history of shortwave broadcasting and the shortwave broadcast DXing hobby

< www.ontheshortwaves.com > Update, October 29, 2017 -- Under "DX History/Equipment & Advertising," we have posted a file of good-looking postcard reproductions depicting various models of the RCA Radiola that were sold from 1924 to 1930. These reproductions were made in 2012. Radiola was the name under which RCA marketed its early broadcast band receivers. The last postcard in the file is an undated card from France containing a form message seeking information on Radiolas. -- And under "Specialized Resources/Wavescan," Adrian Peterson has told us three more stories of radio history: "International Shortwave Broadcasting in the Caribbean Islands" (Wavescan N451, October 15, 2017); "Evolution of Radio Callsigns" (Wavescan N451, October 15, 2017); and "Presidential Election Results on Radio" (Wavescan N452, October 22, 2017).

< www.ontheshortwaves.com > Update, November 5, 2017 -- **USCGC Courier II.** On April 18, 1952, the VOA floating station aboard the 338-foot USCGC Courier commenced broadcasting during a shakedown cruise to the Panama Canal Zone. After that it was stationed off Rhodes. The Courier was supposed to be the first of a proposed fleet of "Truth Ships" intended to defeat Soviet jamming by operating close to VOA target areas, but no other such ships followed. One of the novel features of the early Courier installation was a 35 x 69 foot barrage balloon that held the medium wave antenna aloft. (The balloon had a tendency to break loose and was eventually replaced by a permanent antenna.) Under "Stations," we have added two new items, marked "New," to our previously-posted Courier page, Courier I < http://www.ontheshortwaves.com/USCGC_Courier/Courier.html > One, under "Photos," is a news photo of the ship's control room, with engineer Jean W. Seymour at the dials. The other, under "Cachets, Postcards and QSLs," is a homemade postcard bearing two different Courier postmarks for June 13, 1952. That was just prior to the ship's arrival in New York, from the Caribbean, on June 18, for refitting before sailing for Rhodes on July 17. We have also added to the Courier page a section of Courier weblinks. Google the ship (and Google Images) and you will find many other links and photos. -- And keeping with the maritime theme, under "Specialized Resources/Wavescan," Adrian Peterson presents these two new Wavescan entries: "The Bravery of the Lighthouse Keeper's Daughter" (Wavescan N453, October 29, 2017), and "The Radio Scene on Matinicus Rock" (Wavescan N453, October 29, 2017).

< www.ontheshortwaves.com > Update, November 12, 2017 -- At last, we learn the "Factors that Control Radio Reception from Distant Stations." A 16-page document by that name, published in 1930 by the Radio and Television Institute of Chicago, can be found under "DX History/SWling & DXing." Oriented mainly toward broadcast band DXing, it covers such topics as receiver range, effect of distance, signal strength, receiver sensitivity, etc. -- And under "Specialized Resources/Wavescan," you will find these two new stories from Adrian Peterson: "Radio Station KDKA and the Famous 1920 Election Broadcasts" (Wavescan N454, November 5, 2017); and "Australian Shortwave Callsign VLP" (Wavescan N454, November 5, 2017).

< www.ontheshortwaves.com > Update, November 19, 2017 -- Under "DX History/Lists, Logs, Guides & Columns," we have posted a very nice General Electric Radio Log from 1936. It contains a one-page primer on shortwave and shortwave reception; a table containing the addresses, IDs and tuning signals of many stations (listed by call letters); a world timetable; a world map showing the major SWBC stations; a list of all types of shortwave stations, with frequencies, wavelengths and power; more info on shortwave tuning; great circle maps centered on New York and San Francisco; and a promotion for the G.E. V-Doublet receiving antenna. -- And under "Specialized Resources/Wavescan," Adrian Peterson tells us about, "Abandoned Radio Stations" (Wavescan N455, November 12, 2017).

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