

Quality Radio Equipment Since 1942



GP-5/SSB



The CountyComm GP-5/SSB covers LW 150-520, AM 520-1710 kHz, shortwave 1711-3000 kHz (with SSB-Single Sidiband reception) and FM band. The unique Easy Tuning Mode (ETM) scans all frequencies without taking up the memory spaces. Enjoy 550 regular memories (100 AM, 100 FM, 250 SW and 100 for SSB). The GP-5/SSB employs DSP (Digital Signal Processing) technology, improving clarity and tone quality. There is an adjustable sleep timer. The radio can be powered by three AA batteries (not included). It also has 5V mini-USB DC input jack. When using the USB jack, the radio can charge the batteries (rechargeable AA batteries only). Includes: directional, removable MW bar antenna, stereo ear buds, soft case, wire antenna and manual. Be prepared with this great value. **GP-5/SSB Order #0905 \$79.95**

C. CRANE SKYWAVE



The C Crane Skywave receiver tunes AM, FM, shortwave (2.3-26.1 MHz), VHF air and the NOAA weather channels. You can directly enter a frequency or engage the auto scan and store feature. The LCD display is backlit. Features include: 12/24 hour clock, fast or fine manual tuning, 400 memories, 3.5mm earphone jack and S-motor. Operation is from 2 AA batteries (not included) or optional AC adapter. Comes with CC ear buds, manual and carry case. 4.75 x 3 x 1.2 inches. **SKYWAVE Order #0034 \$69.95**

Optional AC adapter for SKYWAVE. **SKWVP Order #6434 \$14.95**

TECSUN

R-9700DX



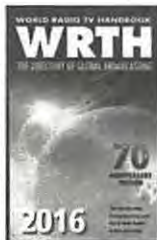
The Tecsun R-9700DX is a powerful, dual-conversion portable radio that covers AM (535-1610 kHz), FM and ten international shortwave broadcast bands: 3.7-4.25, 4.65-5.2, 5.85-6.4, 6.95-7.5, 9.45-10, 11.55-12.1, 13.45-14, 15.05-15.6, 17.55-18.1 and 21.4-21.95 MHz. Some people prefer analog over digital readout for simplicity and battery efficiency. Operation is very intuitive. Simply select the shortwave band of interest and dial up or down. Features include tune & stereo LED, antenna jack, flip stand, Tone Switch, Local/DX switch. The backlighting may be set to auto or constant. Stereo FM is provided to the earphone jack. Operates from 4 AA batteries (not included) or included AC adapter. With: carry case, stereo ear buds, wrist strap, wire antenna and English manual. 7.1 x 1.35 x 4.55 inches 14 oz. **R-9700DX Order #5970 \$55.95**

ETON FRX-5 SWL



The Eton FRX5 SWL Edition is your grab-and-go source for local and worldwide information. This special FRX5 SWL Edition receives AM, FM and 12 international shortwave broadcast bands: 2.3-2.6, 3.2-3.6, 3.6-4, 4.6-5.4, 5.6-6.4, 6.6-7.4, 9.1-9.9, 11.5-12.4, 13.5-14.4, 15-15.9, 17.1-18.3 and 21-21.85 MHz. The FRX5 is "quad" powered! It may be powered from solar panel, hand crank, built-in rechargeable lithium battery or three AAA batteries (not included). Wind the hand turbine for four minutes and you will produce enough power for 10-15 minutes of music, news and weather or one minute of talk time. You can also use the micro-USB cable to charge the FRX5's built-in rechargeable battery or pop in a couple of AAA batteries if you want to go old school. It features a digital display and alarm clock. If you want more than just the radio, there is an AUX-input to play your own tunes. If you want to listen alone, just plug in your favorite headphones. There is also a bright LED flashlight in the side panel. Use the glow-in-the-dark locator and illuminated buttons when you're in the dark. And for big-time emergencies, flash the red emergency beacon. The FRX5 SWL has an IPX-4 splash proof rating so neither sleet nor snow nor rain will hamper its performance. Ideal for camping trips or preparedness. 5.8" x 7.1" x 2.3" 1.5 lbs. **FRX5 SWL Order #6005 \$69.95**

2016 WORLD RADIO TV HANDBOOK



This long established 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, radio club info, plus receiver reviews. **WRTH Pub. ©2015 70th Edition, 672 p. List price \$49.95. Order #6016 \$44.95**

WORLDWIDE LISTENING GUIDE



By J. Figliozzi. Modeled on the author's popular *Worldwide Shortwave Listening Guide*, this new book covers all of today's formats: live on-demand, podcast, satellite, internet, digital, analog, AM, FM, shortwave and wi-fi. Learn what can be heard how, where and when! Spiral bound 7th Ed. 160 p. ©2015. List \$24.95. **Order #2861 \$23.95**

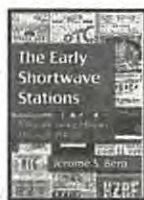
2016 SHORT-WAVE FREQUENCY GUIDE



By J. Klingenfuss. This guide has 5,000 shortwave broadcast listings by frequency and includes 8,000 abbreviated entries from *Guide to Utility Stations 2015-16*. You got great coverage of broadcast and utility stations in one up-to-date book! 20th Ed. ©December 2015. 370 p. **Order #1580 \$49.95**

[CD version also available #6526 \$39.95]

THE EARLY SHORT-WAVE STATIONS A Broadcasting History Through 1945



By Jerome S. Berg. This year-by-year account chronicles the birth and operation of the large international broadcasters, as well as the numerous smaller stations that were a great attraction to the DXers of the time. Over 100 illustrations and extensive notes, bibliography and index. ©2013 Softcover. McFarland 340 p. List \$44.95. **Order #6141 \$39.95**



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Prices and specs are subject to change. Prices shown are after mg's. coupons. Returns are subject to a 15% restock fee.

Don't forget to get the latest version of the club's *Country List and Awards Program* booklet from our website. The latest list includes **Jerry Berg's** Active-Inactive SWBC Countries designation which should help avid shortwave listeners in planning their listening targets.

From **Sean Gilbert**, *World Radio Television Handbook* (WRTH) we learn that the A16 International Radio and Clandestine/Target Broadcast schedules file from WRTH is now available for download from their website. Download from: http://www.wrth.com/_shop/?page_id=444. The file is offered free of charge, but they do have a donations page if you wish to show support/thank for all the hard work and dedication our very small team puts in to get these files ready. The schedules file is in PDF form, and requires a PDF reading program/app. The file contains International Radio and Clandestine/Target Radio broadcast schedules for 201 stations (yes, there really are still that many non-domestic stations broadcasting on LW/MW and SW). Also included are an International/Clandestine Radio frequency list, selected language broadcasts, International DRM broadcasts and an International transmitter sites table. They hope readers find this a useful accompaniment to the printed WRTH, and as a standalone schedules file.

Gayle Van Horn, CEO/Vice President Teak Publishing, just released the Summer 2016 International Shortwave Broadcast Guide (ISWBG) electronic book authored by Gayle. The semi-annual information resource is your electronic guide to the world of shortwave radio listening. New in this sixth edition of the ISWBG is a lead story on clandestine broadcast and broadcasters with the latest schedules and frequencies you need to hear these intriguing transmissions. There is also an expanded special feature on Who's Who in the shortwave radio spectrum.

This story covers services and frequencies outside the regular broadcast and amateur radio bands, and includes new, exclusive Hot HF 1000+ non-broadcast frequency list. Also new in this edition is increased frequency and station coverage of longwave broadcasters, selected medium wave broadcast frequencies used by international broadcasters, and all known international standard time and frequency stations transmitting worldwide. The International Shortwave Broadcast Guide (Summer 2016 edition) is now available for purchase worldwide from Amazon.com at <http://www.amazon.com/dp/B01FV3FL72/>. The price for this latest edition is US\$6.49. 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.

Alexander Beryozkin of the St. Petersburg DX Club informs us that the 20th edition of the "Broadcasting in Russian" Handbook, published by St. Petersburg DX Club, has been recently released. The handbook features all radio stations transmitting Russian language broadcasts in AM bands (on long, medium and short waves) at present, both from Russia and abroad. Station listings include frequency and program schedules, transmitter location and power, target areas, postal addresses, phone/fax numbers, Web sites, social network pages, e-mail addresses as well as QSL policy info. The schedules are generally valid until 29 October 2016 (i.e. during A16 broadcasting season). The Handbook is in Russian and distributed as a hard copy only. Volume is 68 pages of A5 size. Please address your purchase requests and questions to St. Petersburg DX Club: Alexander Beryozkin, P. O. Box 463, St. Petersburg, 190000, Russia


or by e-mail: dxxspb@nrec.spb.ru. The price is 5 EUR or 6 USD (including delivery by registered mail). PayPal and Skrill money transfers are accepted. Your comments and suggestions regarding the handbook contents are always welcome by Alexander.

For those looking for some international travel, don't forget the Danish Shortwave Club International (DSWCI) will be holding its final Annual General Meeting (AGM) in Kalundborg, Denmark on 8 October 2016. The DSWCI's treasurer is interested in knowing how many plan to attend so if you are interested contact **Bent Nielson**, Egekrogen 14, DK 3500 Vaerloese, Denmark or e-mail at bent.elin@webnetmail.dk by 15 July 2016. The AGM is scheduled to start at 1400 local time with a common meal at Bistro Bispegaarden in Kalundborg at 1900 local. Price will be about DKK 250.00. Accommodations are at the Danhostel Kalundborg Vandrerhjem with the price of a double room at DKK 750.00 per night including breakfast.


With the summer Olympics drawing near remember about the Radio Free Asia (RFA) special QSL card that "**A.J. Janitschek** of RFA informed us about last month. The design commemorates the 2016 Summer Olympic Games in Rio de Janeiro, Brazil scheduled for August 5-21, 2016. This new design shows an adaptation of RFA's first panda design originally used for the 2008 Beijing Olympics. This updated version of the original design adds a hat made of various fruits. The fruit hat was popularized in the 1900's by Brazilian singer and actress, Carmen Miranda. This QSL design is used to confirm all valid reception reports from May - August 2016. RFA broadcasts in Burmese, Cantonese, Khmer, Korean to North Korea, Lao, Mandarin (including the Wu

dialect, a favorite of Harold Cones), Vietnamese, Tibetan (Uke, Amdo, and Kham), and Uyghur. RFA encourages listeners to submit reception reports. RFA confirms all accurate reception reports by mailing a QSL card to the listener. RFA welcomes all reception report submissions at <http://techweb.rfa.org> (follow the QSL REPORTS link) not only from DX'ers, but also from its general listening audience. Reception reports are also accepted by email at qsl@rfa.org and by mail to: Reception Reports, Radio Free Asia, 2025 M. Street NW, Suite 300, Washington DC 20036.

Finally, don't forget to order your copy of the DSWCI's 18th edition of its annual Domestic Broadcasting Survey (DBS). The DBS covers all active broadcasting stations on 2300 - 5700 kHz, including clandestine stations plus all domestic stations on international shortwave bands above 5700 kHz broadcasting to a domestic audience. The 17 pages A-4 size DBS-18 is available by e-mail as pdf-format (about 350 kB). A limited number is also available printed on paper for the last time, because the DSWCI will be dissolved at the end of 2016! Both are sold by the treasurer until 1 December 2016: DSWCI, c/o Bent Nielsen, Egekrogen 14, DK 3500 Vaerloese, Denmark. E-Mail edition: DKK 30,00 or USD 5.00 or EUR 4,00 or GBP 3,00 or IRC 1. Printed edition: DKK 60,00 or USD 10.00 or EUR 8,00 or GBP 7,00 or IRC 2. Payment by cash notes are accepted and welcome, whereas checks and postal money orders are not accepted. See this month's *Shortwave Center*, edited by **John Figliozzi**, for a comprehensive review.

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

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. 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. 

Listening Review

Alan Roe • 33 Athara Road • Teddington, TW11 9PA, United Kingdom • alan-roe@tiscali.co.uk

Hello and welcome to Listening Review for June. This month, a selection of music programs broadcast in non-English language transmissions on shortwave. In Mid-May, I canvassed comment as to whether this month to list music programs in English or non-English language transmissions. Many thanks to all who responded, either on Facebook, the Yahoo Group List or by direct email. It was a close call between these two options, but additional feedback was on the side of non-English language programming (noting that I had already covered English language programs in January 2016). So....:

0000

0000-0056	su	R Romania Int	RO	As We Like! pt. 2 (Club/party) 7335 9790
0000-0056	mo	R Romania Int	RO	Zi-le D-Alead-Ale Noastre 7335 9790 (Folk mx)
0000-0100	daily	R Farda	FS	ME mx (some West mx & talk) 5865-kt
0000-0100	daily	R Rebelde	SP	Often has Cuban music 5025 su: Música Viva
0000-0100	dly(irr)	V of Greece	GK	Usually varied Greek mx 9420 (& check 9935)
0000-0100	daily	VoTurkey(TSR)	TU	Often has Turkish music 9735
0025-0035	su	R Taiwan Int	SP	Appointment with Paty 11530-ok
0100-0130	we	WRMI	SP	Trova Libre 9955-ok
0100-0156	sa	R Romania Int	RO	Verba Manent (Archive rec's) 7335 9790
0100-0156	su	R Romania Int	RO	Radio Concert Season(Classical) 7335 9790
0100-0156	daily	VoTurkey(TSR)	TU	Often has Turkish music 9735
0100-0200	daily	R Farda	FS	ME mx (some West mx & talk) 5865-kt
0100-0200	daily	R Rebelde	SP	Often has Cuban music 5025 su: Música Viva
0100-0200	dly(irr)	V of Greece	GK	Usually varied Greek mx 9420 (& check 9935)
0110-0157	mo	KBS World R	SP	Melodías de Corea 9605-wh 11810
0145-0157	th	KBS World R	SP	Al Son de Corea (Traditional) 9605-wh 11810
0200-0230	daily	R Rebelde	SP	Often has Cuban music 5025 su: Música Viva
0200-0300	daily	R Farda	FS	ME mx (some West mx & talk) 5865-kt 13860-la(0230-) 15690-ud(0230-)
0200-0300	su,mo	R Marti	SP	Interferencia 6030-gr 7365-gr
0200-0300	dly(irr)	V of Greece	GK	Usually varied Greek mx 9420 (& check 9935)
0210-0257	mo	KBS World R	SP	Melodías de Corea 15575
0210-0300	tu-sa	RFranceInt-World	FR	Couleurs Tropicales 3965-drm
0220-0230	fr	R Romania Int	SP	Music Program 9730 9790 11795 11945
0230-0240	su	R Romania Int	SP	Top Musical (pop) 9730 9790 11795 11945
0230-0240	we	R Romania Int	SP	Folk Music Program 9730 9790 11795 11945
0230-0240	sa	R Romania Int	SP	Romanian Folk Music 9730 9790 11795 11945
0230-0300	daily	R Rebelde	SP	Often has Cuban music 5025 su: Todo Música
0245-0257	th	KBS World R	SP	Al Son de Corea (Traditional) 15575
0300				
0300-0400	daily	R Farda	FS	ME mx (some West mx & talk) 5865-kt 13860-la 15690-ud
0300-0400	daily	R Rebelde	SP	Often has Cuban music 5025 su: Todo Música
0300-0400	dly(irr)	V of Greece	GK	Usually varied Greek mx 9420 (& check 9935)
0325-0335	su	R Taiwan Int	SP	Appointment with Paty 5985-ok
0400-0500	daily	R Farda	FS	ME mx (some West mx & talk) 5865-kt 13860-la 15690-ud
0400-0500	daily	R Rebelde	SP	Often has Cuban music 5025 su: Todo Música
0400-0500	dly(irr)	V of Greece	GK	Usually varied Greek mx 9420 (& check 9935 11645)
0400-0500	daily	VoTurkey(TSR)	TU	Often has Turkish music 6040 11980
0500-0556	daily	VoTurkey(TSR)	TU	Often has Turkish music 6040 11980

0500-0600	daily	R Farda	FS	ME mx (some West mx & talk) 5865-kt 13860-la 15690-ud(-0530) 15690-bi(0530-)
0500-0600	daily	R Rebelde	SP	Often has Cuban music 5025 su: Todo Música
0500-0600	dly(irr)	V of Greece	GK	Usually varied Greek mx 9420 9935 11645
0530-0600	varies	OE1 Austria	GM	Classical music (movements) 6155
0600				
0600-0700	su	R Gloria Int	GM	Mostly oldies (4th su) 9485-go
0600-0700	sa	R Mi Amigo Int	DU	Polderman - Ook Goeie Morgen 6005-ka 9560-ka
0600-0700	daily	Channel 292 rlys	Var	Non-stop mx & various relays 6070-rh
0600-0700	daily	R Farda	FS	ME mx (some West mx & talk) 5865-kt(-0630) 7435-kt(0630-) 13860-la 15690-bi 17880-ir(0630-)
0600-0700	daily	R Rebelde	SP	Often has Cuban music 5025 su: Todo Música
0600-0700	dly(irr)	V of Greece	GK	Usually varied Greek mx 9420 9935 11645
0600-0700	daily	Radio 700	GM	Mostly oldies 3985-ka & 6005-ka (mo-sa: 0613-) 7310-ka(mo-sa: 0613-0630, not su)
0600-0700	daily	VoTurkey(TSR)	TU	Often has Turkish music 11750 11955 13635
0607-0655	su	R Liberty	RU	Jazz Time 9635-la 12015-la 17770-ta
0610-0630	su	China R Int	IT	Music from China 17520-ks
0700-0800	su	R Gloria Int	GM	Mostly oldies (4th su) 7265-go
0700-0800	su	R Mi Amigo Int	DU	Lion Keezer-Hello to the World 6005-ka
0700-0800	daily	Channel 292 rlys	Var	Non-stop mx & var. relays 6070-rh
0700-0800	daily	R Farda	FS	ME mx (some West mx & talk) 7435-kt 13860-la 15690-bi 17880-ir(-0730) 17880-bi(0730-)
0700-0800	dly(irr)	V of Greece	GK	Usually varied Greek mx 9420 9935 11645
0700-0800	daily	VoTurkey(TSR)	TU	Often has Turkish music 11750 11955 13635
0710-0757	su	KBS World R	KO	Music Landscape 9860-wo
0745-0757	we	KBS World R	KO	Sounds of Korea 9860-wo
0800-0900	su (v)	MV Baltic R	GM	mostly rock/oldies (1st su) 7265-go
0800-0900	su	R Gloria Int	GM	Mostly oldies (4th su) 9485-go
0800-0900	sa	HamburgerLokalR	GM	Mostly oldies 6190-go
0800-0900	sa	R Mi Amigo Int	GM	Mike Uhini-Rewind-USTop 100 6005-ka 9560-ka
0800-0900	daily	Channel 292 rlys	Var	Non-stop mx & var. relays 6070-rh sa: R Waves Int
0800-0900	daily	R Farda	FS	ME mx (some West mx & talk) 7435-kt 13860-la 15690-bi 17880-bi
0800-0900	daily	Radio 700	GM	Mostly oldies 7310-ka
0800-0900	dly(irr)	V of Greece	GK	Usually varied Greek mx 9420 9935 11645
0800-0900	daily	VoTurkey(TSR)	TU	Often has Turkish music 11750(-0856) 11955 13635
0900				
0900-1000	su (v)	MV Baltic R	GM	mostly rock/oldies (1st su) 9485-go
0900-1000	su	R Gloria Int	GM	Mostly oldies (4th su) 7310-ka
0900-1000	su	R Mi Amigo Int	DU	JeffreyWilliams-Stenan Tijdperk 6005-ka 9560-ka
0900-1000	sa	HamburgerLokalR	GM	Mostly oldies 6190-go
0900-1000	sa	R Mi Amigo Int	GM	Mike Uhini-Rewind-USTop 100 6005-ka 9560-ka
0900-1000	daily	Channel 292 rlys	Var	Non-stop mx & relays 6070-rh sa: R Waves Int
0900-1000	daily	R Farda	FS	ME mx (some West mx & talk) 7435-kt 13860-la(-0930) 15690-bi 17880-bi
0900-1000	daily	Radio 700	GM	Mostly oldies 3985-ka 6005-ka 7310-ka
0900-1000	daily	VoTurkey(TSR)	TU	Often has Turkish music 11955 13635
1000-1100	su	R Joystick	GM	Varied oldies/modern pop 7330-au (1st su)
1000-1100	sa	HamburgerLokalR	GM	Mostly oldies 7265-go
1000-1100	sa	R Mi Amigo Int	GM	Capt.Kord - Flashback 6005-ka 9560-ka
1000-1100	sa,su	R Marti	SP	Alborada Guajira (includes mx) 6030-gr 9805-gr

1000-1100	daily	Channel 292 rlys	Var	Non-stop mx & var. relays 6070-rh
1000-1100	daily	R Farda	FS	ME mx (some West mx & talk) 7435-kt 15690-bi 17880-bi
1000-1100	daily	VoTurkey(TSR)	TU	Often has Turkish music 11955 13635
1100-1130	su	WRMI	SP	Trova Libre 9955-ok
1100-1200	su	HamburgerLokal	SP	Radio Tropical/Quadriga 9485-go
1100-1200	su	R Mi Amigo Int	DU	Lion Keezer-Hello to the World 7310-ka 9560-ka
1100-1200	sa	R Mi Amigo Int	DU	Peter de Wit - Schoon Schip 6005-ka 9560-ka
1100-1200	daily	Channel 292 rlys	Var	Non-stop mx & var. relays 6070-rh
1100-1200	daily	R Farda	FS	ME mx (some West mx & talk) 7435-kt 15690-bi 17880-bi
1100-1200	daily	VoTurkey(TSR)	TU	Often has Turkish music 11955(-1156) 13635
1110-1157	su	KBS World R	SP	Melodías de Corea 11795
1145-1157	we	KBS World R	SP	Al Son de Corea (Traditional) 11795
1200				
1200-1256	sa	R Romania Int	RO	Verba Manent (Archive recs) 7375
1200-1256	daily	VoTurkey(TSR)	TU	Often has Turkish music 13635
1200-1300	we	R Mi Amigo Int	GM	Capt.Kord - Hello Europe! 6005-ka
1200-1300	th	R Mi Amigo Int	DU	Lion Keezer - Hello Europe! 6005-ka
1200-1300	daily	Channel 292 rlys	Var	Non-stop mx & various relays 6070-rh
1200-1300	daily	R Farda	FS	ME mx (some West mx & talk) 7435-kt 12005-ir 15690-bi 17880-bi
1215-1230	daily	China R Int	Srb	Varied Western/CC pop/rock 7345-al
1230-1300	daily	CNR13	VV	Pops with ann in Uyghur 9420 9890
1230-1300	su	Medi 1	FR	Entr'acte (Jawad) 9575
1300-1400	su	R Mi Amigo Int	DU	JeffreyWilliams-Stenan Tijdperk 7310-ka
1300-1400	sa	HamburgerLokalR	SP	Radio Tropical/Quadriga 7265-go
1300-1400	sa	R Romania Int	RO	Verba Manent (Archive rec) 11950 15130
1300-1400	daily	Channel 292 rlys	Var	Non-stop mx & var. relays 6070-rh
1300-1400	daily	R Farda	FS	ME mx (some West mx & talk) 7435-kt 12005-ir 15690-bi 17880-bi
1300-1400	daily	VoTurkey(TSR)	TU	Often has Turkish music 9840
1400-1500	daily	Channel 292 rlys	Var	Non-stop mx & various relays 6070-rh
1400-1500	daily	R Farda	FS	ME mx (some West mx & talk) 12005-ir 15690-bi 17880-bi
1400-1500	dly(irr)	V of Greece	GK	Usually varied Greek mx 9420 9935 15650
1400-1500	daily	VoTurkey(TSR)	TU	Often has Turkish music 9840
1430-1500	su	R Havana Cuba	SP	Music Program 15370
1433-1500	su	RFranceInt-World	FR	L'epopee des musiques noires 3965-drm
1500				
1500-1556	daily	VoTurkey(TSR)	TU	Often has Turkish music 9840
1500-1600	daily	Channel 292 rlys	Var	Non-stop mx & various relays 6070-rh
1500-1600	daily	R Farda	FS	ME mx (some West mx & talk) 5865-kt 12005-ir 15690-bi 17880-bi(-1530)
1500-1600	dly(irr)	V of Greece	GK	Usually varied Greek mx 9420 9935 15650
1500-1600	daily	Zanzibar B. Co	VV	Usually African/local music 11735
1600-1656	su	R Romania Int	RO	Music 100% 11800 13660
1600-1700	daily	Channel 292 rlys	Var	Non-stop mx & var. relays 6070-rh
1600-1700	daily	R Farda	FS	ME mx (some West mx & talk) 5865-kt 12005-ir
1600-1700	dly(irr)	V of Greece	GK	Usually varied Greek mx 9420 9935 15650
1600-1700	daily	VoTurkey(TSR)	TU	Often has Turkish music 5960 9460
1600-1700	daily	Zanzibar B. Co	VV	Usually African/local music 11735
1630-1700	daily	SLBC	SI	Mostly Sri Lankan mx 11750
1700-1800	we	R Mi Amigo Int	GM	Capt.Kord - Hello Europe! 3985-ka 6005-ka
1700-1800	th	R Mi Amigo Int	DU	Lion Keezer - Hello Europe! 3985-ka 6005-ka

1700-1800	sa	Radio 700	GM	Mostly oldies 3985-ka
1700-1800	daily	Channel 292 rlys	Var	Non-stop mx & various relays 6070-rh
1700-1800	daily	R Farda	FS	ME mx (some West mx & talk) 5865-kt 12005-ir
1700-1800	dly(irr)	V of Greece	GK	Usually varied Greek mx 9420 9935
1700-1800	daily	SLBC	SI	Mostly Sri Lankan mx 11750
1700-1800	daily	VoTurkey(TSR)	TU	Often has Turkish music 5960 9460
1700-1800	daily	Zanzibar B. Co	VV	Usually African/local music 11735
1705-1756	sa	R Romania Int	RO	As We Like! pt.1 (Club/party) 9500 11975
1707-1757	su-fr	NHK R Japan	JJ	EE/FF/JJ 'evergreens' 11945-fr 13720 15445-wo
1733-1800	su	R France Int - Af	FR	Lépopée des musiques noires 13740 15300 17620 17850 21580

1800

1800-1830	daily	SLBC	SI	Mostly Sri Lankan mx 11750
1800-1856	su	R Romania Int	RO	Zi-le D-Alead-Ale Noastre 9500 11975 (Folk mx)
1800-1856	we	R Romania Int	RO	Music 100% 9500 11975
1800-1856	sa	R Romania Int	RO	As We Like! pt. 2 (Club/party) 9500 11975
1800-1900	mo-fr	Radio 700	GM	Mostly oldies 6005-ka
1800-1900	daily	Channel 292 rlys	Var	Non-stop mx & various relays 6070-rh
1800-1900	daily	R Farda	FS	ME mx (some West mx & talk) 5865-kt
1800-1900	dly(irr)	V of Greece	GK	Usually varied Greek mx 9420 9935
1800-1900	daily	VoTurkey(TSR)	TU	Often has Turkish music 5960 9460
1800-1900	daily	Zanzibar B. Co	VV	Usually African/local music 11735
1807-1857	su-fr	NHK R Japan	JJ	EE/FF/JJ 'evergreens' 11945-fr 13720 15445-wo
1810-1830	su	China R Int	IT	Music from China 7340-ks 7435-ji
1810-1857	su	KBS World R	SP	Melodias de Corea 9740
1830-1900	sa	VOA	Amharic	Chart hits & 'evergreens' 12040-kt 12080-wo 12140-ud 13860-wo 15630-wo
1845-1857	we	KBS World R	SP	Al Son de Corea (Traditional) 9740
1900-1930	su	V of America	FR	Soul USA (pt1) 9490-kt 17530-sa
1900-2000	daily	Channel 292 rlys	Var	Non-stop mx & var. relays 6070-rh fr: R Ohne Namen
1900-2000	daily	R Farda	FS	ME mx (some West mx & talk) 5865-kt
1900-2000	daily	Radio 700	GM	Mostly oldies 6005-ka
1900-2000	dly(irr)	V of Greece	GK	Usually varied Greek mx 9420 9935
1900-2000	daily	VoTurkey(TSR)	TU	Often has Turkish music 5960 9460
1900-2000	daily	Zanzibar B. Co	VV	Usually African/local music 11735
1907-1955	sa	R Liberty	RU	Jazz Time 5995-la 7475-ir 9840-la
1910-1957	su	KBS World R	FR	Musique coréenne 6145-wo
1910-2000	mo-fr	RFranceInt-World	FR	La bande passante 3965-drm
1920-1930	th	R Romania Int	SP	Music Program 15450 17800
1930-1940	tu	R Romania Int	SP	Folk Music Program 15450 17800
1930-1940	fr	R Romania Int	SP	Romanian Folk Music 15450 17800
1930-1940	sa	R Romania Int	SP	Top Musical (pop) 15450 17800
1930-1957	su	R Taiwan Int	GM	Musik aus Taiwan 6185-wo
1930-1958	daily	Medi 1	AA	Musique Soufie 9575
1935-1957	su	R Taiwan Int	FR	Partitions Orientales 7325-wo
1935-2000	su	V of America	FR	Soul USA (pt2) 9490-kt 17530-gr
1940-1957	mo	R Taiwan Int	FR	Pop 50 7325-wo
1940-1957	mo	R Taiwan Int	GM	Hit Parade 6185-wo
1945-1957	we	KBS World R	FR	Aux sources de la mx coréenne 6145-wo
2000-2030	su-fr	V of America	FR	RM Show: su: Du Blues au Jazz 6070-sa 9490-kt 11900-sa mo: Le hit-parade américain 15730-gr 17530-gr tu: Antenna Libre; we: Musique international; th: Afro music fr: La musique des caraïbes

2000-2056	daily	VoTurkey(TSR)	TU	Often has Turkish music	5960	9460
2000-2100	su	R Marti	SP	Archivo Musical	9565-gr	11930-gr
2000-2100	daily	Channel 292 rlys	Var	Non-stop mx & var. relays	6070-rh	
2000-2100	daily	R Farda	FS	ME mx (some West mx & talk)	5865-kt	
2000-2100	dly(irr)	V of Greece	GK	Usually varied Greek mx	9420	9935
2000-2100	daily	Zanzibar B. Co	VV	Usually African/local music	11735	
2005-2058	su	Medi 1	FR	La bossa nova (Sanae)	9575	
2005-2058	sa	Medi 1	FR	Sélection Reggae (Sanae)	9575	
2005-2058	mo-th	Medi 1	FR	Les Nocturnes (Jawad)	9575	
2007-2055	su	R Liberty	RU	Jazz Time	5995-la	7475-ir 9540-la
2010-2057	su	KBS World R	FR	Musique coréenne	5950-fr	
2010-2057	su	KBS World R	GM	Unterwegs mit Musik (pop)	3955-wo	
2010-2100	sa,su	R France Int - Af	FR	Musiques du monde	7205	9790 11995
2010-2100	mo-fr	R France Int - Af	FR	La bande passante	7205	9790 11995
2010-2100	mo-fr	RFranceInt-World	FR	Couleurs Tropicales	3965-drm	
2015-2030	daily	China R Int	Srb	Varied Western/CC pop/rock	7325-ur	7390-xi 9585-ka
2030-2055	daily	China R Int	PO	Chinese Popular Music	6020-sz	7305-ur
2040-2055	su	China R Int	IT	Music from China	7265-ur	7345-ka
2045-2057	we	KBS World R	FR	Aux sources de la mx coréenne	5950-fr	
2045-2057	we	KBS World R	GM	Musik verbindet (Traditional)	3955-wo	
2100						
2100-2200	daily	Channel 292 rlys	Var	Non-stop mx & var. relays	6070-rh	
2100-2200	daily	R Farda	FS	ME mx (some West mx & talk)	5865-kt	
2100-2200	dly(irr)	V of Greece	GK	Usually varied Greek mx	9420	9935
2112-2158	mo-th	Medi 1	FR	Les Nocturnes (Jawad)	9575	
2115-2130	daily	China R Int	Srb	Varied Western/CC pop/rock	7325-xi	7445ku
2115-2158	sa	Medi 1	FR	Goldies	9575	
2115-2158	su	Medi 1	FR	Jazz Session (Jawad)	9575	
2120-2130	th	R Romania Int	SP	Music Program	15170	17745
2130-2140	tu	R Romania Int	SP	Folk Music Program	15170	17745
2130-2140	fr	R Romania Int	SP	Romanian Folk Music	15170	17745
2130-2140	sa	R Romania Int	SP	Top Musical (pop)	15170	17745
2133-2200	sa	RFranceInt-World	FR	Lepoepe des musiques noires	3965-drm	
2150-2157	m-f	V of America	VV	African music (irreg)	4940-sa	6035-sa 7325-va 9490-sa 11900-va
2200-2300	daily	Channel 292 rlys	Var	Non-stop mx & various relays	6070-rh	
2200-2300	daily	HCJB Deutsche	GM	Ichtys R Live	3995-we	
2200-2300	daily	R Farda	FS	ME mx (some West mx & talk)	5865-kt	
2200-2300	dly(irr)	V of Greece	GK	Usually varied Greek mx	9420 (& check	9935)
2210-2258	mo-th	Medi 1	FR	Les Nocturnes (Jawad)	9575	
2300-2400	daily	R Farda	FS	ME mx (some West mx & talk)	5865-kt	
2300-2400	dly(irr)	V of Greece	GK	Usually varied Greek mx	9420 (& check	9935)
2320-2330	th	R Romania Int	SP	Music Program	9760	11795 13730 15400
2330-2340	tu	R Romania Int	SP	Folk Music Program	9760	11795 13730 15400
2330-2340	fr	R Romania Int	SP	Romanian Folk Music	9760	11795 13730 15400
2330-2340	sa	R Romania Int	SP	Top Musical (pop)	9760	11795 13730 15400

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



International Broadcasting

Dr. Kim Andrew Elliott • 5001 25th St. North • Arlington, VA 22207 • kimelli@verizon.net
<http://www.kimandrewelliott.com>

VOA Radiogram: Text and images via shortwave broadcast

This month I'd like to transmit a reminder and plug for VOA Radiogram, my weekly experimental Voice of America program. If you listen, after the opening music and my brief voice introduction, you'll hear strange tones. Patch that audio into a PC or Android device with the necessary software and those tones are turned into text and images.

These tones are digital modes borrowed from the amateur radio and professional communications communities. They can be transmitted as program audio by any analog shortwave, medium wave, or FM transmitter, or by any digital radio transmitter for that matter. They can be received by any radio, including inexpensive shortwave radios with no single sideband (SSB) capability.

One of the main reasons for the VOA Radiogram experiment is to investigate the use of shortwave as a substitute means of communication when the Internet is blocked, disrupted by a disaster, or otherwise unavailable. Even in normal times and circumstances, text and images are a useful supplement to the voice and music of shortwave radio broadcasting. And we have found that text transmitted via shortwave is often successfully received in poor conditions, in which voice broadcasts are difficult to comprehend.

It would have been great to have this enhancement during the 1970s and 80s, when shortwave broadcasting was more plentiful. The early Tandy, Commodore, and Apple PCs may have been up to the task of decoding the modes. Sure, David Monson and Frans Vossen would not have been as much fun in text format. But the news, commentaries, and analyses of international radio, generally devoid of personality, might as well have been text.

Just add software

Please give VOA Radiogram a try. The basic procedure is a patch cord from your radio to your PC. Most listeners use Fldigi software from w1hkj.com to decode the text and images. Other programs, like MultiPSK, also work. For Android devices try TIVAR from sourceforge.net/projects/fldigi/files/AndFlmsg/TIVAR/.


Patch the audio from your radio to your PC. If noise from the PC is a problem, try a ground loop isolator patch cord. If your laptop has one of those accursed "combo" jacks, with no separate mic jack, try an external sound card like the StarTech 7.1 to provide inputs. In Fldigi, the most important adjustment is Configure > Sound Card to find an audio source that works. You might also have to fiddle with your PCs audio settings. In Windows, right click on the speaker icon and try different recording devices. With TIVAR, I usually just place the radio speaker near the phone or tablet mic for "acoustic coupling."

On VOA Radiogram, the mode we use most often is MFSK32, which is 120 words per minute and can transmit images. We also try the slow Olivia 64-2000 (2000 Hz wide) mode, which often achieves 100% text copy in atrocious reception conditions.

Visit voaradiogram.net for a preview of each weekend's show. Results are posted at twitter.com/voaradiogram. Here's the schedule:

Saturday 0930-1000 UTC: 5745 kHz
Saturday 1600-1630 UTC: 17580 kHz
Sunday 0230-0300 UTC: 5745 kHz
Sunday 1930-2000 UTC: 15670 kHz

All via the Edward R. Murrow transmitting station in North Carolina.

Send reports to radiogram@voanews.com. 

Shortwave Center

John Figlio • 45 Algonquin Road • Clifton Park, NY 12065 • jfiglio1@nycap.rr.com

Almost half the year gone already; where does the time go? The message in that may be to put it to best use while you have it! And what better way to do that than to dive into an excellent shortwave-radio related publication like the one reviewed by Rich D'Angelo below.

SHORTWAVE PUBLICATION REVIEW

Domestic Broadcasting Survey 18th Edition, April 2016

Edited by Anker Petersen

ISSN 1399-8218

Reviewed by Richard A. D'Angelo

There are numerous providers of free radio broadcasting information on the Internet today. Although the "free" price is reasonable, these publications tend to be lacking in terms of the quality, consistency and reliability of information particularly in the areas of tropical band and domestic band station listening. The latest Domestic Broadcasting Survey, 18th Edition (DBS or DBS-18) provides the quality, consistency and reliability these other publications lack. The DBS-18 was once again edited by Denmark's world-renowned DXer Anker Petersen. The Domestic Broadcasting Survey continues to be an accurate DX reference for the tropical band and domestic band shortwave listening enthusiast published each year from an organization well known in the shortwave community for reliability and high quality. The DBS-18 was published in April by the Danish Shortwave Club International (DSWCI). The DBS continues to be the top annual publication devoted to tropical and domestic band shortwave broadcasting stations thanks to up-to-date monitoring from an international contingent of highly regarded DXers. Along with its monthly updated graphical companion, the Tropical Band Monitor (TBM), the combination of these two DX references continues to be unbeatable

in quality, timeliness and value to the serious shortwave enthusiast. The DSWCI offers the DBS in electronic form (pdf format), which provides for a substantial reduction in price over the paper version increasing its value and speed of delivery. For traditionalists, the paper version of the DBS is still available. Either way you will be receiving and using an important DX resource produced by an international array of top notch DXers that will prove its worth to you time after time. The DBS and TBM references are usually the first items I pack for each of the French Creek DXpeditions we undertake each DX season.

As in past years, a copy of the Press Release can be found on the DSWCI website at www.dswci.org. By clicking on the Domestic Band Survey, you will see the color front page of the Hungarian Gypsy Music played by the Lugosi Band in Budapest on cembalo, double bass and violin. The photo, which was taken by Editor Petersen during his world travels, and a sample listings from this year's DBS along with reviews from last year's edition all can be found at that location. Anker's annual colorful cover photographs for the DBS continues to provide the local flavor associated with a domestic shortwave listening market.

The DSWCI is now fifty-nine years old. It has a worldwide membership of experienced shortwave listeners scattered in thirty-three different countries all over the globe. Anker draws upon the knowledge and

skills of the DSWCI's international array of top-flight DXers to produce this unique and extremely valuable hobby resource. As the use of shortwave as a communications media declines we see that about sixty-five domestic stations frequencies have left the bands, so DBS-18 continues the trend of being thinner than past editions. In order to make the DBS reliable, the club's own monitors around the world checked the 500 station shortwave frequencies - down from 570 stations the previous year - on the air throughout the period April 2015 through March 2016. In addition to the club's extensive monitoring activity, the new survey is also based upon many official sources and DX bulletins with A16 schedules included when available. Over the years, the DSWCI has published some of the best non-commercial hobby references obtainable to the shortwave listener. The electronic and print editions of DBS-18 continue in this grand tradition making them an essential reference for serious shortwave listeners and DXers.

This is the eighteenth year that the DSWCI has incorporated its invaluable tropical band survey into a broader national survey that includes all domestic shortwave broadcasting. The old Tropical Band Survey (TBS) portion of this publication, which has been tops in the field of shortwave broadcast lists for many years, is in its 44th year. Because most of the club's members devote the majority of their DX'ing time to domestic broadcasting stations on the tropical and international shortwave bands, many years ago the DSWCI decided to expand the traditional tropical band survey to include stations broadcasting to a domestic audience on the international shortwave bands. Consequently, the DSWCI now publishes a superb, comprehensive reference of domestic shortwave broadcasting throughout the shortwave spectrum. The DBS-18 covers all active stations broadcasting to a domestic audience between the frequencies of 2 MHz to 30 MHz. Part 1 is the 44th edition of Tropical Band Survey covering all active broadcasting stations in the 2300 to 5700 kHz range including clandestine stations.

Part 2 covers the domestic stations on the international bands above 5700 kHz broadcasting to a domestic radio audience. Part 3 contains deleted frequencies between 2 MHz and 30 MHz, which have not been reported heard during the last five years, but may reappear at some future point in time. Unfortunately, this latter section is growing at a faster rate than the other sections these days.

As in past years, a valuable, unique feature of the DBS-18 is the right hand column called Last Log. This column features the last month, and year prior to the March 31, 2016 deadline, when a particular station was reported by a DXer somewhere in the world. This gives the shortwave monitor a reasonable indication of the audibility of the shortwave broadcasting station. As part of the updating process, most frequencies that have not been heard in the last year have been deleted from the list and moved to a section at the end of the survey, Part 3 as discussed above. This updating procedure keeps the DBS current and very user friendly unlike some other published lists that continue to publish out of date information on a regular basis. My own personal monitoring and checking confirms that the 2016 edition of the Domestic Broadcasting Survey continues the tradition of providing very accurate and extremely useful information for the serious shortwave DX'er. Consequently, the DBS is an extremely valuable addition to any shortwave listener's DX shack where published radio resources are necessary in pursuit of elusive DX station catches. My copy of the Domestic Band Survey sits on my desk in the shack along with its companion, the Tropical Band Monitor, next to my communications receivers at all times.

To assure reliability, each of the 500 station frequencies has been checked by the club's extensive collection of worldwide shortwave monitoring experts since the last publication through the March closing date. Stations confirmed as being active is marked with an "A" (regular), or "B" (irregular), or "C" (sporadic) in the list. A "D" means

the stations is likely inactive. This simple coding system provides valuable information when tuning the bands while trying to get a handle on rare, exotic shortwave DX catches. As a result of extensive monitoring, most of the frequencies already have been confirmed as being active in 2016.

The previously mentioned Tropical Bands Monitor feature was added in 2005 as a monthly updater to the DBS. Its introduction provided a readily available electronic update of broadcasting stations below 5700 kHz using a color-coded graphical presentation format. It has been a big success making the DBS/TBM combination an extremely valuable tool for any shortwave monitoring activity. This website based feature, which is updated each month, will help to keep the DBS-18 current. All buyers of DBS-18 get a username and password to the monthly updates for the tropical bands published as "Tropical Bands Monitor" on the club's website. At www.dswci.org/tbm you can follow the activity of each station during 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014 and 2015 with their collection of annual Tropical Band Monitors. I download the latest version each month, it is usually available 3 or 4 days after the close of the previous month, and use it as a ready guide to what is being heard around the world on the domestic shortwave frequencies. This service alone is worth more than the price of the DBS itself. I can't over emphasize the value the TBM adds to the DBS. Together they form an indispensable package of DX reference sources that are updated on a monthly basis. DSWCI members also receive periodic updates issued in the *Shortwave News* bulletin published by the club and through its electronic *DX Window* bi-weekly newsletter (a service similar to our own weekly electronic Flashsheet). These extra services keep the domestic band survey accurate, up-to-date and essential tools in chasing elusive shortwave DX catches. However, the club is discontinuing operations at the end of 2016 so they are no longer accepting new members. Because of the club's strong DX culture and its array of international DX'ers the closing of the

DSWCI will mark the end an era. Whether or not the Domestic Band Survey will continue in some fashion is unknown at this time so obtaining what could be the last edition of a well-known DX resource is a good idea.

The Domestic Broadcasting Survey and Tropical Band Monitor are high quality shortwave broadcast DX resources made available at a very reasonable price. The combination of high quality and low price make the DBS and TBM unbeatable in today's overcrowded global shortwave radio resource reference marketplace. If you listen to domestic broadcasters, the DBS-18, along with the monthly updates through the TBM, is a "must have" addition to the radio shack's hobby literature resource bundle needed while tuning the shortwave bands. As I mentioned before, these are the first resources I pack when attending French Creek DXpeditions. I can't imagine DX'ing the shortwave bands without a copy of the Domestic Broadcasting Survey and the latest graphical update of the Tropical Band Monitor at my side. The combination of highly accurate data in an easy to use format makes them extremely valuable hobby resources.

How easy is the Domestic Broadcasting Survey to use? Simple, the DBS-18 is very straightforward and easy to use. The first column provides the reception code, A, B, or C as previously described. The second column lists the frequency. The third column provides the station transmitter output. The fourth column designates the broadcasting country utilizing the International Telecommunications Union (ITU) country code abbreviations. For those not familiar with these abbreviations, a complete list of ITU country codes is given on page 3 of the DBS. The fifth column provides the station name and/or call letters and location. The next column provides transmission times and other useful information about the station such as operating schedules during Ramadan for Middle East and Indonesian stations. Other useful features for easy station identification are the parallel frequencies

and station ID information. The final column is the Last Log feature previously described. Beginning in TBS-3 the survey included a listing of Indonesian provinces and special districts, however, Anker decided to drop that feature this year because only a handful of such stations are now left on the air after exceeding over 150 different Indonesia stations in the early days of the Tropical Band Survey. See the sample extracts from the DBS at the end of this review to appreciate the information contained within each listing.

The 18-page A-4 size Domestic Broadcasting Survey is available in electronic form in pdf-format of about 350 kB. The electronic DBS-18 is available via e-mail for just US\$5.00, EUR 4, or 1 International Reply Coupon (IRC). Since the DSWCI is dissolving at the end of 2016, a limited number of print editions are available for only US\$10.00, EUR 8, or 2 IRCs. The DBS-18 can be ordered direct from the club treasurer at the following address:

DSWCI
c/o Bent Nielsen
Egekrogen 14
DK-3500 Vaerloese
Denmark

If you have any questions, Bent Nielsen can also be reached by e-mail at bent.elin@web-netmail.dk. If you have the EURO as national currency, you are advised to pay the club's representative in Germany, Andreas Schmid, Lerchenweg 4, D-97717 Euerdorf, Germany. Also, the club offers an option to pay for the Domestic Band Survey through PayPal. If you want to pay via PayPal, you can contact Andreas Schmid at schmidandy@

aol.com for complete ordering information. However, payment via PayPal is only for transactions in US currency and only for persons living outside the European Union.

The 2016 edition of the Domestic Broadcasting Survey continues the long-standing, excellent tradition of the DSWCI publishing a very useful and reliable DXing resource that should be in the radio shack of every serious shortwave radio monitor. I use the DBS on a regular basis while tuning the shortwave bands from home and while DXpeditioning. Though some enjoy operating a computer while tuning the bands, I print out a hardcopy to use thereby eliminating an electronic device from the radio shack while listening. During French Creek DXpeditions, my copy of the domestic Broadcasting Survey is in constant use while scanning the tropical and international bands. The pdf-format DBS is incredibly inexpensive and is an extremely useful DX reference tool. It is indispensable while DXing. The monthly update to the Tropical Band Monitor keeps the information current. At only US\$5.00, the electronic Domestic Broadcasting Survey continues to be the "best buy" of any hobby resource on the market today. Add the Tropical Band Monitor as a bonus and you have the superior package of shortwave DX resource tools. You must have the latest version of the DBS in your radio shack as it is the most original piece of DX hobby related research conducted today. This is a "must have" for every shortwave radio and I can highly recommend its purchase so order a copy to enhance your shortwave DX'ing listening sessions.

SHORTWAVE HISTORY

ADRIAN PETERSON'S DIARY

The Radio Scene on the Largest Tropical Island in the Caribbean: The Cuba Story, Part 1

Quite recently, both Pope Francis from the Vatican and also American President Barack Obama, made official visits to the island of Cuba in the Caribbean. Let us catch up on some of these interesting events, and we take a look at the early wireless and radio scene in Cuba.

According to the encyclopedia, Cuba is 120 miles across, 777 miles long, and it covers an area of 111,111 square kilometers. In addition to the main island, there are more than 4,000 smaller islands and cays, including Juventud, or the Isle of Pines, with its 100,000 people. The total population for Cuba these days is 12 million.

If you fly over the island, you will admire its lush tropical scenery, with its tree covered towering mountains, and rolling hills and broad grasslands and deep bays with sandy beaches and colorful coral reefs. Even to this day, it is a chosen destination for multitudes of tourists coming in from Canada, Europe and other countries in the Americas.

In the pre-colonial era, Cuba was home to several Amerindian tribes who had migrated in from North America, Central America and South America. On October 28, 1492 the famous Atlantic explorer Christopher Columbus landed on the northeastern shore of Cuba, claiming the island for Spain, and naming it Isla Juana. The subsequent name for the island, Cuba, comes from the local Taino language, and it conveys the meaning of a pleasant land.

Eight years later, Sebastian de Ocampo circumnavigated Cuba, thus confirming that it is indeed an island. Then three years later again, the first Spanish settlement was founded on the very eastern tip of the island. Give four more years (1515), and the settlement of San Cristobal de la Habana was founded. At one stage, Havana was the third largest city in the Americas, and as we know, it has since become the national capital.

Over the centuries, Cuba has been invaded by armed forces from France, Holland, England, and the United States; and on

five separate occasions, the United States has attempted to buy Cuba from Spain. For a decade or so around a century ago, the United States governed the island as an American territory, but in 1920, the island was granted independence.

The first wireless stations in Cuba were installed more than 100 years ago; and the first two stations were installed at Mariel, 25 miles west of Havana and on the Isle of Pines-Juventud. In 1924, a total of 9 wireless stations were on the air in communication service in Cuba, and each was identified with a call sign in the consecutive series, PWA, PWB, PWC, etc.

The beginnings of radio broadcasting in Cuba can be traced back to the year 1912 when the American electrician Frank Jones migrated to the island to serve in the cane sugar industry at Tuinucu in the center of the island. Soon afterwards, he constructed his own amateur wireless station, a 2 kW spark facility.

In December 1921, Frank Jones ordered an assortment of radio equipment from the United States, and when it all finally arrived at his country location, he assembled it into a radio broadcasting station. This new amateur radio broadcasting station was planned for operation on a wavelength of approximately 300 meters (1000 kHz). The aerial was a 200 ft. long inverted L, the earthing system was a full sized above ground counterpoise, and the electric power came from the generating plant that he himself was supervising at the cane sugar farm.

When call signs in Cuba were first issued, the Frank Jones station at Tuinucu was allocated initially the call 5KW, though only a week later this was amended to 6KW. He also operated his radio station in the amateur mode under the call sign 6XJ.

The radio programs over amateur broadcasting station 6KW were heard widely in the Americas, as well as in Europe and occasionally across the Pacific. His QSL cards

in response to the huge inflow of reception reports, a generic card giving technical details of the station, were issued by the hundreds, and they are sometimes available for purchase on Ebay to this day.

In 1930, the callsign for the Tuinucu station was listed as CM6KW. Then later in the same year, the amateur broadcasting station gave way to a fully licensed station in Tuinucu, CMHC with 500 watts on 790 kHz.

Another significant early broadcasting station in Cuba was inaugurated in 1920 by Luis Casas Romero as an amateur station in Havana under the callsign 2LC. Two years later on August 22 (1922), this station began an irregular schedule of program broadcasting on 810 kHz with equipment provided by the American electronics conglomerate IT&T. This station signed on for its evening broadcasts at 9:00 pm with the ticking of a clock, the firing of the canon La Cabana, followed by a bulletin of weather information.

During the following year, the callsign was amended to Q2LC due to a change in international radio regulations. Interestingly, we might say that the initial Q identified the island Quba!

Around this era, an official radio broadcasting station was installed in the capital city, Havana. This new facility was established by the Cuban Telephone Company which was owned by another American electronics conglomerate, AT&T.

At the time, AT&T procured three 500 watt mediumwave transmitters from Western Electric; one for installation as WEA in New York City, another for installation in

Puerto Rico, and a third for installation in Havana. The Havana station was installed in the Cuban Telephone Company building at Zulueta and Dragones Streets under the callsign PWX, where the two towers stood as highly visible electronic icons for many years.

This station was inaugurated in a special broadcast beginning at 4:00 pm on Tuesday October 10, 1922. The Cuban President, Alfredo de Mayas y Alfonso, presented an inaugural speech in English, and Luis Casas Romero conducted a special orchestra in the presidential palace with classical and Cuban music. The programming for this first special broadcast in Cuba was sent to station WEA in New York by cable and phone lines for broadcast city wide on local mediumwave.

In actual fact, this inaugural broadcast in Havana on 750 kHz was produced more for the benefit of the American audience rather than the Cuban audience. At the time, there were no more than a hundred radio receivers in Havana.

Interestingly, the programming from the Luis Casas Romero station 2LC was at times taken on relay for broadcast over the new PWX. During the following year (1923), a total of 30 mediumwave stations were on the air in Cuba,

On January 1, 1930, station PWX was given a new regularized callsign along with all other mediumwave broadcasting station on the island due to new international radio regulations, and PWX became CMQ.

[Ed. Note: Thanks to Jerry Berg for transcribing this AWR Wavescan script.]

SHORTWAVE NEWS

New VOA Director

Association for International Broadcasting
Industry Briefing – April 21, 2016

Pulitzer Prize-winning journalist and author Amanda Bennett has been appointed the 29th Director of the **Voice of America** (VoA).

"We are thrilled to have such a talented, experienced and award-winning journalist as Amanda take the helm at VOA," said BBG Chairman Jeff Shell. "Her unique skills and deep understanding of the rapidly evolving digital news marketplace will serve VOA well."

Bennett served as executive editor of Bloomberg News, where she created and ran a global team of investigative reporters and editors and co-founded the Bloomberg News Women's project. She also served as editor of The Philadelphia Inquirer, editor of the Herald-Leader in Lexington, Kentucky, managing editor/projects for The Oregonian in Portland, and reporter and editor for the Wall Street Journal for more than 20 years.

Mike Barraclough posting to dxld.com

Cold War American Clandestine Radio Broadcasting over the Iron Curtain is a series of posts so far covering Nasha Rossia (Our Russia), Future of Romania - Voice of National Resistance and Novaya Ukraine, All these stations operated in the 1950's. First of six blog posts by Richard Cummings was on March 24.

<http://coldwarradios.blogspot.co.uk/>

[Ed. Note: Since shortwave is part and parcel of the AM radio spectrum, the following items—although not specifically dealing with shortwave—have significance for shortwave listeners and DXers. Because as goes AM, so will go shortwave.]

Life After Death: The Future of AM Radio in Australia

Brad Smart

Australia

April 27, 2016

Have you ever noticed when you talk to young radio executives about AM, you can almost see their eyes glazing over within seconds. To these guys, AM radio belongs to a bygone era.

If their benchmark is solely capital cities, then they're probably right.

But, there's always two sides to a story.

Without AM radio, many people, in the more remote parts this country, would be cut off from the World well, at least from what's happening in their nearest community, and, that could be up to 200 kilometres away. Sure, AM's 'use-by date' was definitely punched the day FM rode into town.

FM's superior music quality always guaranteed there was going to be a serious exodus, and, eventually AM's share of the listeners

would start to dwindle. In fact, it didn't take too long at all before FM radio started to hook a large slab of the audience; those aged up to 39. AM was left with the rest.

Back in the nineties, this all seemed like a pretty good solution, but now, AM's audience is literally starting to die off. So, in recent years, AM broadcasters have been asking themselves - "what can we do about it?"

Right now, there's a proposal afoot, here in Australia, to convert AM stations to FM, in markets where both stations are owned by the same broadcaster. By owning two FM stations in the one market, operators would be free to migrate away from their expensive News/Talk programming on the AM band in favor of two music formats; a lot cheaper option.

This proposed FM conversion of AM stations could work very well in areas where there's a real concentration of listeners, such as along the coastal strip, but in really remote areas, a lot of people may find themselves waking up the next morning, without any access to commercial radio at all.

If you're a radio person, you'll know that FM coverage is confined, in general terms, to line of sight; that's why they put FM transmitters on top of the tallest mountain they can find. However, there are very few, if any, high mountains in outback New South Wales, South Australia, Queensland or Western Australia.

This is country, where AM still shines, at least, for its wide area coverage.

In the United States, AM radio is also dying, and, pretty much for the same reasons as here. Responding to this problem, the FCC has recently taken a different and very interesting approach to AM. To be fair, the US problem is on a far greater scale than ours.

They have over 3,000 local, independent AM stations dotted across small regional towns, some of which are also dying. The FCC is aware that there is no longer enough revenue to be generated from many of these small towns for local AM operators to survive, even if they dominate the audience in their coverage area.

In its appraisal, the regulator also realised that unless something radical was done to address the issue, the current FCC commissioners could be presiding over a situation where, hundreds or potentially, thousands of small AM station operators across the country could begin 'throwing in the towel', walking away from their businesses and 'going dark'. No commissioner wants that on their CV!

So, late last year, the FCC devised an AM Revitalisation Program.

The US radio industry operates not just on licensed AM and FM stations, but supplements them with thousands of FM translators. Of course, we have FM translators here too, but they're licensed specifically to a defined radio station. Not so, in the US; anyone can buy a translator at auction.

While these successful bidders can't run their own programming on these translators, unless they're a licensed broadcaster, they can lease them or sell them to AM or FM operators. The private trade in FM translators in the US is growing like topsy, but this profiteering has been forcing the costs up far higher than many regional broadcasters can afford.

At the end of last year, as part of this AM Revitalisation Program, the FCC announced plans for a specially-created offering of FM translators to be limited to AM broadcasters only. That special auction will be held next year, but, at that time, AM broadcasters will only be able to apply for one translator per AM station.

In the meantime, what the FCC has done is allowed AM broadcasters to acquire existing translator construction permits and transfer them back to their home service areas, under what is known as the '250 mile rule'. The broadcaster can even apply to establish that FM translator in their AM's home town, if they wish.

By putting an FM in-fill service in their home town, the AMer is suddenly on an equal footing with the local FM licensees, yet they still retain their AM service for wide area coverage. This is where the US and Australian models vary, as here, if the FM conversion proposal goes ahead, ACMA wants the AM licence surrendered.

That demand has seen a number of regional broadcasters, who have recognised the necessity of AM's wide area coverage in rural areas, refusing to apply for FM conversion. Under the new US plan, local AM broadcasters aren't compelled to put the FM translator in their home town.

In fact, they're free to apply to move it anywhere in their service area, that they feel will give them the best advantage. This means they can even apply to locate it closer to their service boundary, which may be near a larger town or city and enjoy some fortuitous FM coverage of a bigger audience,

as long as they comply with certain FCC regulations.

One small-town AM station about 40-kilometres from the centre of Atlanta, has recently sited its translator, so that it now covers many of Atlanta's outer suburbs, which have been progressively growing towards the once-isolated town. That translator is apparently now up and running and the station is reportedly writing revenue from the Atlanta market, where previously the station was all but ignored.

Once considered a local AM station out in the sticks, the AM Revitalisation Program has already given this station, and, no doubt, many others, the ability to provide a high quality FM signal into a larger market. The point here is, that these local AM stations were never regarded by bigger operators as a threat to their audience or revenue. Now, with the access to high-quality FM, they're suddenly on the radar.

This may not be a genuine revitalisation of the AM band, as the FCC envisaged, but it has certainly given many of these small town broadcasters a new lease on life. I'm sure there'll be a number of Australian broadcasters, who have been giving the consequences of this US plan more than a cursory glance.

This is probably why, in the Australian AM to FM conversion proposal, in those areas where the local AM and FM stations are owned by competitors, conversion is not even up for discussion. Despite those apparently sincere pleadings to the Minister and ACMA that AM to FM conversion is critical to better serve the audience, there's

no way that an incumbent FM broadcaster is ever going to give its AM commercial rival the same quality advantage, without one helluva legal stoush.

Never mind the audience ... this is business!


I noted previously that AM radio is critical for wide area coverage in remote areas, albeit at a quality disadvantage.

So, perhaps now, in this time of imminent change to the media landscape, ACMA and their political masters should be closely examining the recent US experience, and, seriously considering whether elements of the American AM Revitalisation Plan should be embraced and implemented here.


It would seem to me plain common sense to give regional AM stations FM in-fill services in their home towns to allow the local audience to benefit from higher quality sound and less interference, yet still retain their widespread AM coverage, so as not to disenfranchise remote listeners, just because they don't happen to live in built-up areas.

There are definitely some real merits for Australia to take the initiative and devise its own AM Revitalisation Strategy, rather than simply relying on the current 'band-aid' approach to these issues, in the hope that it might just get us through.

<http://www.bradsmart.com.au/Life-after-Death-The-Future-of-AM-Radio/>

[Ed. Note: Brad Smart, among other things, has been a broadcaster in Australia for over 30 years.] 

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 and will not be used to publish loggings, articles, or other materials that would normally appear in The Journal, the NASWA Yahoo group, or the Flashsheet. While the existence of the group is visible to all Facebook users, the online postings are available only to group members and group members must be NASWA members. 

Listener's Notebook

Richard A. D'Angelo • 2216 Burkey Drive • Wyomissing, PA 19610 • rdangelo3@aol.com

Times are UTC and frequencies in kHz.

ANGOLA 4949.7, *Radio Nacional*, Mulenvos, 1929-1950, 12-05, Portuguese, comments: "A economia de Angola", ID: "Radio Nacional, Luanda". 24322. Also 0435-0455, 13-05, Portuguese, comments, African songs. 24322. (Méndez-Spain/PlayDX) 4949.75, R. Nacional de Angola on both May 14 and 15 noted with JBA about 0450+; briefly noted May 15 with religious song at 0510; not too often I get any audio here. (Ron Howard-CA)

ARMENIA Frequency change of *BBC* in Pashto/Dari from April 22

0200-0230 NF 11925 ERV Pashto, ex 11790
0230-0300 NF 11925 ERV Dari, ex 11790
0300-0330 NF 11925 ERV Pashto, ex 11790
(DX Mix-Bulgaria)

AUSTRALIA 15340, *Reach Beyond Australia*, Kununurra, *1444-1452, 13-05, identification, English, comments. 23322. (Méndez-Spain/PlayDX)

BANGLADESH 4750.01, 1655-1705*, 16.5, *Bangladesh Betar*, Shavar, folk music, Bengali news, abrupt s/off. 35333. Also heard at 1920-2115, Fr 20.5, extraordinary All Night service in Bengali with folksongs, ID's "Bangladesh Betar" every quarter, news, weather, sports and talks. 45434. (Anker Petersen-Denmark/PlayDX)

BHUTAN 6035, *BBS* on May 2, tuned in at 1217 to hear the usual format: BBS indigenous music mixing with PBS Yunnan (China); 1219 one of the stations went off the air; as I have recently been reporting, this would fit the BBS pattern, then leaving the frequency clear for PBS. Not so today! It was PBS that went off the air; I continued to listen and noted I was still hearing the BBS indigenous music and was clearly not with PBS Vietnamese. Rare to hear BBS without the normal PBS QRM. (Ron Howard-CA)

BOLIVIA 5580.33, *R San José*, San José de Chiquitos reactivated, as heard in USA. In Denmark at 2235-2325, May 22, just a weak carrier, but no audio. (Petersen-Denmark/DX Window)

5952.45, *R. Pio XII*, Siglo XX, at 2240-2304 on May 5, prgm: "Manos a la Obra", about municipal activities, ID on passing: "Por Radio Pio XII". 44444. (Pedro F. Arrunátegui-Perú/DXplorer)

6025.00, *R. Patria Nueva*, La Paz; at 2308-2330 on May 5, sport prgm w/ news abt "Libertadores de America Cup", advs Best hrd on LSB. 33333. (Pedro F. Arrunátegui-Perú/DXplorer)

6134.86, *R. San Cruz*, Santa Cruz; at 0018-0045 on May 1, mx, news, program: "El Informativo de Radio Santa Cruz". 44444. (Pedro F. Arrunátegui-Perú/DXplorer)

BOTSWANA In the past few days, I checked the audibility of *VOA* English in Europe. I used the data of the HFCC, because the schedule on the *VOA* website dates back to 3 November 2015. The main result is that the *VOA* Botswana relay is faithfully providing reception in Europe as it has done since going on the air in 1991.

0300-0400 on 6080 audible
0300-0600 on 4930 audible at 0300 but deteriorating fast
0300-0700 on 15580 improving to excellent reception
1400-1700 on 4930 inaudible
1400-1600 on 6080 inaudible
1500-1600 on 15580 Sa Su to 1700, well audible
1500-1600 on 17530 audible
1700-2200 on 15580 excellent
1800-2100 on 4930 inaudible
1800-2000 on 6080 audible
2000-2200 on 6195 audible.
(Prof. Dr. Hansjoerg Biener-D, via wwdxc BC-DX TopNews May 13)

BRAZIL 4865.00, *R. Verdes Florestas*, Acre; at 1110-1130, on May 4, mx, ID "Radio Florestas", news. 33333. (Pedro F. Arrunátegui-Perú/DXplorer)

4925.20, *R. Educação Rural*, Tefé; at 0005-0025 on May 9, nx about the região, messages and salutations, romantic mx, ID: "Radio Educação Rural" 33333. (Pedro F. Arrunátegui-Perú/DXplorer)

9645.4, **Radio Bandeirantes**, Sao Paulo, 0505-0540, 13-05, Portuguese, ID: "Aqui na Radio Bandeirantes, www.bandeirantes.com.br, 2 horas 20 minutos". 24322. (Méndez-Spain/PlayDX)

15190, **R Inconfidência**, Belo Horizonte, MG, 2000-2020, May 12, Portuguese, "Inconfidência, notícias", "Emisora da Rede Inconfidência de Rádio, Belo Horizonte, Minas Gerais, Brasil", 24322. Also heard at 2201-2220, May 18, program "A Hora do Fazendeiro", 24322. (Méndez-Spain/DX Window)

CHAD 6164.9, **Radiodifusion National Tchadienne**, N'Dajema, 1902-1955, 06-05, African songs, French, comments, male and female. Very weak. 14221. Also 1913-1921*, 07-05, French, comments: "Nos auditeurs", "La radio..." Transmission cut off abruptly at 1921. Weak. 14321. (Méndez-Spain/PlayDX)

CHINA 4500.00, **Xinjiang PBS**, Urumqi, 2345-2355, May 01, Mongolian talk, musical interlude, 35233 // 6190 (44343). (Petersen-Denmark/DX Window)

4850.00, **Xinjiang PBS**, Urumqi, 2350-2400, May 01, Kazakh talk with many musical interludes. NB: First signed on around *2340 instead of scheduled *2310, 35232 // 6015 (34343). (Petersen-Denmark/DX Window)

4980.00, **Xinjiang PBS**, Urumqi, 2335-2345, May 01, Uighur ann, folksongs, 35233 // 3990 (33343 CWQRM, best in USB), 6120 (35343) and 7205 (23222). (Petersen-Denmark/DX Window)

6035, **Yunnan PBS**, Kunming, 1121-1201*, May 05, Chinese with music show, 1200 changed to Vietnamese and gave multi-language ID, but went off the air 1201 instead of scheduled till 1500*. (Howard-CA/DX Window)

CLANDESTINE Radio Republica

0100-0300 on 9490 ISS Spanish (DX Mix-Bulgaria)

Radio Payem e-Doost

0230-0315 on 7460 KCH Farsi
1800-1845 on 7480 KCH Farsi
(DX Mix-Bulgaria)

Radio Lead Africa

0300-0400 on 5915 MEY English Mon/Tue/Fri

0500-0600 on 12060 MEY English Wed/Thu
0500-0700 on 12060 MEY English Sat
1900-2200 on 7425 MEY English Sat/Sun
(DX Mix-Bulgaria)

Denge Kurdistan

0300-0500 on 11600 ISS Kurdish
0500-1300 on 11600 KCH Kurdish
1300-1700 on 11600 SCB Kurdish
1700-1930 on 11600 ISS Kurdish
1930-2100 on 11600 SCB Kurdish
(DX Mix-Bulgaria)

Radio Dandal Kura International

0500-0700 on 7415 ASC Kanuri
0700-0800 on 15480 WOF Kanuri
1800-2100 on 12050 ASC Kanuri
(DX Mix-Bulgaria)

Republic of Yemen Radio

0600-0900 on 11860 JED Arabic
0900-1800 on 11860 unknown tx Arabic
1800-2300 on 11860 JED Arabic
2300-0600 on 11860 unknown tx Arabic
(DX Mix-Bulgaria)

Manara Radio

0730-0830 on 15440 ISS Hausa
1600-1700 on 17765 ISS Hausa
(DX Mix-Bulgaria)

Radio Free Sarawak

1100-1300 on 15420 PUG Iban Mon-Sat
(DX Mix-Bulgaria)

Voice of Khmer M'Chas Srok

1130-1200 on 17860 TAC Khmer Thu/Sun
(DX Mix-Bulgaria)

Radio ERGO

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

Que Me

1200-1230 on 9930 HBN Vietnamese Fri
(DX Mix-Bulgaria)

Radio Free North Korea

1200-1530 on 15630 TAC Korean, ex 1200-1300
(DX Mix-Bulgaria)

Shiokaze Sea Breeze with 300 kW

1300-1330 on 5965 YAM Chinese Mon
1300-1330 on 5965 YAM Japanese Tue
1300-1330 on 5965 YAM Korean Wed
1300-1330 on 5965 YAM English Thu
1300-1330 on 5965 YAM Korean Fri
1300-1330 on 5965 YAM Japanese Sat
1300-1330 on 5965 YAM Korean Sun
1330-1400 on 5965 YAM Korean Mon
1330-1400 on 5965 YAM Japanese Tue
1330-1400 on 5965 YAM Korean Wed
1330-1400 on 5965 YAM English Thu
1330-1400 on 5965 YAM Korean Fri
1330-1400 on 5965 YAM Korean Sat
1330-1400 on 5965 YAM Japanese Sun
1405-1435 on 7325 YAM Japanese Daily
1600-1630 on 6090 YAM Chinese Mon
1600-1630 on 6090 YAM Japanese Tue
1600-1630 on 6090 YAM Korean Wed
1600-1630 on 6090 YAM English Thu
1600-1630 on 6090 YAM NEAs Korean Fri
1600-1630 on 6090 YAM Japanese Sat
1600-1630 on 6090 YAM Korean Sun
1630-1700 on 6090 YAM Korean Mon
1630-1700 on 6090 YAM Japanese Tue
1630-1700 on 6090 YAM Korean Wed
1630-1700 on 6090 YAM English Thu
1630-1700 on 6090 YAM Korean Fri
1630-1700 on 6090 YAM Korean Sat
1630-1700 on 6090 YAM Japanese Sun
(DX Mix-Bulgaria)

Voice of Wilderness

1330-1530 on 7615 TAC Korean
(DX Mix-Bulgaria)

North Korea Reform Radio

1430-1530 on 11570 TAC Korean
2030-2130 on 7595 TAC Korean
(DX Mix-Bulgaria)

Radio Warra Wangeelaa-ti

1500-1530 on 15515 TIG Afar Oromo Sat
(DX Mix-Bulgaria)

Voice of Martyrs

1530-1700 on 7510 TAC Korean
(DX Mix-Bulgaria)

Radio Xoriyo

1600-1630 on 17630 ISS Somali Tue/Sat
1600-1630 on 17870 ISS Somali Mon/Fri
(DX Mix-Bulgaria)

Oromo Voice Radio

1600-1615 on 17850 ISS Afar Oromo Mon
1615-1630 on 17850 ISS English Mon
1600-1630 on 17850 ISS Afar Oromo Wed/Sat
(DX Mix-Bulgaria)

Dimtse Radio Erena

1700-1730 on 11885 SCB Oromo Daily
1730-1800 on 11885 SCB Arabic Mon-Sat
1730-1800 on 11885 SCB Afar Oromo Sun
(DX Mix-Bulgaria)

Voice of Oromo Liberation

1700-1730 on 17630 NAU Afar Oromo Wed
1730-1800 on 17630 NAU Amharic Wed
1700-1800 on 17630 ISS Amharic Sun
(DX Mix-Bulgaria)

Radio Assenna

1700-1800 on 15245 ISS Tigrinya Mon/Thu/Sat
(DX Mix-Bulgaria)

Eritrean Forum Medrek

1700-1800 on 15245 ISS Tigrinya Tue/Fri/Sun
1700-1800 on 15245 ISS Arabic Wed
1800-1900 on 15245 ISS Arabic Sat
(DX Mix-Bulgaria)

Sedoye Bahar Voice of Spring

1730-1800 on 7495 KCH Farsi Thu/Fri (DX Mix-
Bulgaria)

UNIDentified station

1730-1800 on 17765 ISS Oromo Sun
(DX Mix-Bulgaria)

Radio Biafra

1800-2100 on 11700 SCB English
(DX Mix-Bulgaria)

Lutheran World Federation Voice of Gospel (Sawtu Linjilia)

1830-1900 on 15315 ISS Fulfulde

Radio Free Gambia

1900-2000 on 15465 ISS English Fri plus other lan-
guages: Mandinka/Wolof/Fula/Serer/Krio
(DX Mix-Bulgaria)

Stream of Praise Music Ministries

2100-2130 on 7530 TSH Cantonese/Chinese
(DX Mix-Bulgaria)

Radio Oromia Independence Front (Kallacha Wal- abummaa Oromiyaa - (KWO))

E: wajira.kwo@gmail.com W: kwofio.org/radio-
kwo.html

1730-1800 Sunday 17765iss Oromo
(WRTH Update)

Voice of Independent Oromia (Raadiyoo Sagalee Walabummaa Oromiyaa (RSWO))

E: independentoromia@gmail.com; voice.ioro-
mia@gmail.com

W: www.independentoromia.org

1600-1630 Sunday 17860iss Oromo
(WRTH Update) This broadcast is brokered by Alyx
& Yeyi (Bulgarian SW Blog/British DX Club)

Radio Free Gambia (RFG)

W: www.facebook.com/GBroadcastProject

1900-2000 Friday 15465iss English/Minority
(WRTH Update)

Radio Sedaye Bahar

E: shoma@sedayebahar.com W: sedayebahar.com

1730-1800 Thur/Fri 7495kch Farsi
Notes: The "Voice of Spring", also known as "Iran Pris-
oner's Radio". On SW since April 2016. (WRTH Update)

Radio Biafra

E: Via website W: www.radiobiafra.co

1800-2100 daily NIG 11700soft English
Key: † Irregular. Notes: Reactivated after forced
hiatus. (WRTH Update)

Eye Radio

E: Via website W: www.eyeradio.org
LP: Chmn (EyeMedia): Dr Jok Madut Jok; CEO
(EyeMedia): Stephen Omiri.

0400-0500 daily 11730iss Arabic/English/Others
1600-1700 daily 17730iss Arabic/English/Others
Notes: On SW since April 2016. Formerly operating
as "Sudan Radio Service (SRS)". (WRTH Update)

7495, *Sedaye Bahar / Voice of Spring* is a new
target broadcast to Iran from 21 April which
describes itself as "Iran Prisoners Radio". It is
brokered by Babcock, the schedule is: 1730-1800
Thu/Fri on 7495-mv (Moldova 500k) in Farsi. Web
site is at <http://www.sedayebahar.com>. (WRTH,
Bulgarian SW Blog/British DX Club)

11700, *Radio Biafra* has been back on SW since 21
April at 1800-2100 via Bulgaria. Noted here regu-
larly since then, usually with a fair signal. Most
programming is in English with talks about Biafra
and sometimes continuous African music. (Dave
Kenny-UK/British DX Club)

15465, *Radio Free Gambia* heard with very good
signal in the UK with programming in vernaculars,
English and French. The broadcast has a Facebook
page under the name The Gambian Freedom Project
which states "sharing facts and truth about Gambia
over short wave radio". DX Mix reports that the SW
broadcast is brokered by Jeff White's Radio Miami
International. (British DX Club)

17730, *Eye Radio*, P.O. Box 425, Juba - South Sudan
con messaggio di Messenger di Facebook allegato in
1 giorni. V/S Daniel Danis, Programming Manager.
(Roberto Pavanello-Italy/PlayDX)

17860, *Radio Voice of Independent Oromia* is a
new target broadcast to Ethiopia from 3 April:
1600-1630 Sun site unconfirmed, possibly Issoudun
to East Africa in Oromo. This broadcast is brokered
by Alyx & Yeyi (Bulgarian SW Blog/British DX Club)

Eye Media, the parent organization of *Eye Radio*, has announced that it has launched a new SW broadcast service to complement its existing FM broadcasts in South Sudan. It will bring listeners news and information in Arabic, as well as Dinka, Nuer, Shilluk, Bari, Zande and Lutoho. Eye Radio Shortwave will cover the whole of South Sudan including remote areas in which communities are not able to access FM radio stations. The funding for this initiative came from USAID, the international development agency of the US government. Eye Radio's new broadcasts will run from 0400 to 0500 on 11730 and from 1600 to 1700 on 17730. Address: Eye Radio, P. O. Box 425, Plot 48, Block 1 Korok, Juba, South Sudan. (Petersen, and Romero in HCDX). Heard on 17730.03 (via?) at *1600-1700*, Apr 26, Horn of Africa fanfare and man ann in Dinka (?), woman reading news with several reports, followed by jingles, anns, interviews, songs (pop and a local with drums). Horn of Africa fanfare at sign-off, 25333. (Ivanov-Bulgaria and Petersen-Denmark/DSWCI) Eye Radio (formerly Sudan Radio Service) launched on shortwave on 26 April with the following schedule: 0400-0500 11730, 1600-1700 17730 (Mauno Ritola WRTH) Press releases from the station said the broadcasts would be in Arabic, as well as Dinka, Nuer, Shilluk, Bari, Zande and Lutoho, however I have heard several jingles and talks in English within the 1600-1700 broadcast which is audible here with a fair signal on 17730. DX Mix reports the site is Issoudun. (ed/ British DX Club)

CONGO (DEM. REP.) 5066.4, *R Tele Candip*, Bunia, 1845-2015*, May 12, 16 and 21, vernacular and French comments and songs, 14321. (Carboni-Italy, Méndez-Spain and Nilsson-Sweden/DX Window)

CONGO (REP.) 6115, *Radio Congo*, Brazzaville, 1810-1823*, 02-05, French, comments. Very weak. 14321. Also 1816-1825, 05-05, French, comments, "Le chronique culturelle", Congo cultural news and comments. Good and clear signal today. 24332 increasing to 34333. (Méndez-Spain/PlayDX) Also heard at 1810-1823*, May 02 and 1800-1825*, May 05 and 07, French, "Le journal", news, comments, African songs, good signal 24332 increasing to 34333. (Méndez-Spain/DX Window) 6115, Radio Congo. Checked here May 14 after 0500+ and heard nothing, so a nice surprise to tune in May 15 at 0512 to hear African music program till 0530; briefly off the air *0519-0520*; from 0530 to 0548 announcers; ad or promo; 0550 start of a religious program

(religious singing and sounded like preaching) till 0555 tuned out; poor in QRN (static); no "RN2" (Japan) QRM. So almost two months after their presidential election (March 20), Radio Congo is still on the air! Nice!! (Ron Howard-CA)

ECUADOR 6050, *HCJB*, Pichincha, 0433-0500*, 13-05, German, religious comments, anthem, id. "HCJB", time signals, close. 14321. (Méndez-Spain/PlayDX)

EQUATORIAL GUINEA 5005, *RNGE, R. Bata*. Brief check on May 14 found them on the air at 0501 with usual repetitive African singing. Surprised on May 15 to find them already on the air at 0446 with same type of African pop music; poor both days. So recently signing on very early! (Ron Howard-CA)

EGYPT 9965, *R. Cairo*, Abis, 2312, May 3. Tune in to Arab YL vocals. Time pips @ 2315 followed by YL w/ ID for Radio Cairo North American service, fanfare then into English news. Ended news with Egyptian weather then into news analysis program featuring Syrian conflict and attempts at ceasefire. This is one of the best signals I have heard from Cairo in quite a while. Audio was clear, signal was strong. S9+20, and steady. (Stephen C Wood-MA)

ETHIOPIA 5950, *Voice of Tigray Revolution*, Addis Ababa, 1810-1846, Apr 28 and May 06, East African songs, vernacular comments, 24322. (Méndez-Spain/DX Window)

6030, *R Oromiya*, Addis Ababa, 1832-1857, Apr 28 and May 06, vernacular comments, East African songs, ID: "Radio Oromiya", 34433. (Méndez-Spain/DX Window)

6110, *R Fana*, Addis Ababa, 2030-2040, May 03, today's condition was good at this time, it made to me that I've searched song name easily, friendly talk on the phone, (perhaps include resident abroad), "Siyada (featuring Yannet Dinku & Shukri Jamal)" Afaan Oromoo, 45333. (Wagai-Japan/DX Window)

FRANCE Good signal of *Radio France International* in Mandingo, April 28

1200-1230 on 17815 ISS Mon-Fri till May 28
1200-1230 on 15275 ISS Mon-Fri May 29-Sep. 3
1200-1230 on 17815 ISS Mon-Fri from Sep. 4
(DX Mix-Bulgaria)

GERMANY Reception of *Deutscher Wetterdienst* and *DP07 Seewetter*, April 30

0604-0630 on 5905 PIN German Deutscher Wetterdienst

0730-0800 on 9560 KLL German DP07 Seewetter

1200-1200 on 9560 KLL German DP07 Seewetter

1204-1230 on 5905 PIN German Deutscher Wetterdienst

(DX Mix-Bulgaria)

Radio Channel 292 relay Word of Deliverance, April 30

0600-0700 on 6070 ROB English

(DX Mix-Bulgaria)

DigiDX is back on Channel 292 on Mondays at 2000 on 6070. Channel 292 are hoping to link up with a station from the USA in the hope programming can be heard on both stations. (Allen Dean-UK/British DX Club)

Good to hear the Swiss Radio International interval signal on shortwave from a new *Swissinfo* broadcast via Kall on Saturdays (7310) and Sundays (6005) both transmissions at 1445-1500 in English. (Alan Roe-UK/British DX Club)

3995.00, 2245-2255, 22.5, *HCJB*, Weenermoor. English, singing "Halelujah", talk about the Bible. 45444. (Anker Petersen-Denmark/PlayDX)

6150, *Europa 24*, Datteln, 0614-0710, Apr 29 and May 07, pop music, German comments, ID: "Europa 24". 14321. (Méndez-Spain/DX Window)

GUATEMALA 4055, *Radio Verdad*, Chiquimula, 0550-0607*, 07-05, English, religious songs and comments, identification, anthem and close. 14321. (Méndez-Spain/PlayDX)

GUINEA The most surprising news of the last six weeks surely was the sudden re-appearance of *Radio Guinée*, Conakry. However, the event did not last long: the station passed into nothingness after several hours of operation. (Dmitry Mezin-Russia/DSWCI) Radio Guinée, Conakry, has made a surprise appearance on shortwave for the first time in several years. It was heard on the evening of 15 April until around 0800 on 16 April on 9650 by DXers in Europe and North America. This frequency was last used by Guinea many years ago. (Thanks to reports from Alan Roe, Tony Rogers and many others/British DX Club)

INDIA Sunday Guardian: The Prasar Bharati Board is contemplating shutting down the shortwave service of the External Services Division of *All India Radio* (AIR) even as a proposal to switch to an affordable internet-based radio service is still under consideration. A section of the board is keen on closing down the short wave service as an exorbitant amount is being spent to maintain the current infrastructure. (Mike Barraclough-UK/British DX Club)

Five (5) more AIR shortwave stations discontinued: Dear friends, The following Regional SW stations of All India Radio of 50kW has been discontinued recently: 1. Kolkata 4820,7210; 2. Shimla 4860, 6020; 3. Imphal 4775, 7335; 4. Itanagar 4990, 6150; and 5. Kohima 4850, 6065. Note: The above stations were off air/irregular for some time now. This is in addition to the 5 other 50 kW stations taken off air from 16 Sept 2014: 1. Gorakhpur 3945, 7250; 2. Guwahati 4940, 7280, 7420; 3. Jammu 4830, 5965; 4. Mumbai 4840, 7240; and 5. Ranchi 4960, 5985. So the number of SW stations of AIR have now come down to 20 from 30. (Jose Jacob, VU2JOS, National Institute of Amateur Radio, Hyderabad, India/DXplorer) If you look in a DSWCI Domestic Broadcasting Survey 18, all these ten stations have already been deleted! (Petersen-Denmark/DX Window)

INDONESIA 7289.98, *RRI Nabire*, 0839-0908*, May 21. Not often I hear decent audio here, so today was well above the norm; pop songs; in Bahasa Indonesia; reciting from the Qur'an; some ME type music/singing till suddenly off. (Ron Howard-CA)

IRAN According to an email from *IRIB*, Kamalabad shortwave transmitter site is currently off the air for the most part (but used as a reserve site) due to refurbishing. (Mauno Ritola WRTH 4 April/British DX Club) The address if anyone would like to write is: englishradio@irib.ir. IRIB English can currently be heard from 1520-1620 on 13780 and 1920-2020 on 9665 and 12015. (ed/British DX Club)

IRELAND 6295, *Reflections Europe*, 2000, May 01, English religious programme from Jack van Impe Ministries, 25342. (Pankov-Bulgaria/DX Window)

KYRGYZSTAN 4009.89, *Birinchi R*, Krasnaya Rechka, *0000-0005, May 02, tone signal, fanfare, ID's in Kyrgyz and Russian: "... Birinchi Radio ... Govorit Bishkek", national hymn by choir, 0003 Kyrgyz ann, 42342 frequent digital QRM // 4819.95 (33232 QRM Xizang). (Petersen-Denmark/DX Window)

5130, *Voice of Life*, Bishkek, 1540, May 02, Dari (?), Christian religious programme, at 1703 an "www. (sadaye zindagi...net)", 25342. (Pankov-Bulgaria/DX Window)

LAOS 6130, have recently been checking *Lao National Radio* for their unique gong/bell that they ring slowly 7 times (7:00 PM their local time), followed by anthem at 1200. Yes, am able to hear at least a few of them, then anthem very faintly, but can confirm it's them; otherwise unusable. (Ron Howard-CA)

LIBERIA 6050, *ELWA Radio*, Monrovia, *0526-0538, 13-05, tuning music, identification, English, religious comments. 14321. (Méndez-Spain/PlayDX)

MADAGASCAR 5010.91, *R. Madagasikara*, Ambohidrano. Light music and chat programming in the Malagasy language at 1745. Usual wobbly carrier but seems even more so today (check out the carrier in SSB and listen to it bounce around on the spot), fair signal on 26/4. (Wagner-Australia/ARDXC)

9480, *Madagascar World Voice*, Mahajanga, *0400-0415, 13-05, English, "Welcome to Africa Network Radio..." religious comments. 44444. (Méndez-Spain/PlayDX) 9480, MWV with "African Pathways Radio," 0400, May 14. Start of the usual format in English (host, Henry Huffard); fair-good. (Ron Howard-CA)

Madagascar World Voice back on SW since 15 April following a few days outage due to equipment failure. English is at 0000-0100 on 9600, 0100-0200 on 9665, and 0400-0500 on 9480. English at 1800-1900 on 17640 which IDs as African Pathways Radio has not yet resumed as of 1 May, presumably awaiting repair of their second transmitter. (ed/British DX Club) March 27, 2016 will be a date that will be important to the work of World Christian Broadcasting. On that date, the new station in Madagascar went on the air broadcasting 13 hours every day to areas of the world that have been cut off from hearing the gospel message. At a January meeting of the High Frequency Coordinating Council (FCC equivalent here in America), we were able to finalize all our requests for frequencies that we needed to blanket the globe. Programs are now being broadcast to the Middle East in Arabic, to Africa with English for Africa programs and in Spanish to South America. New areas in Russia, China and the Pacific Rim now hear the gospel from the Madagascar station. Many emails and texts were received

within hours after going on the air, indicating we were being heard throughout our new broadcast area. (World Christian Broadcasting Website)

MALI 5995, *Radio Mali*, Bamako, *0558-0609, 13-05, tuning music, French, identification and frequencies, comments. 14321. (Méndez-Spain/PlayDX)

9635, *Radio Mali*, Bamako, *0800-0810, 13-05, tuning music, French, identification and frequencies, Vernacular, comments. 14321. (Méndez)

MEXICO 6185, *Radio Educación*, Ciudad de Mexico, 0406-0500*, 13-05, Latin American songs, classic music, id. "Radio Educación". 13321. (Méndez-Spain/PlayDX)

MYANMAR Strange happenings! *Myanmar Radio* noted off the air on 5915 and 5985; also *Thazin Radio* was off the air 7345 (a clear frequency, not even the usual CNR1 was here), at 1227, May 4. (Ron Howard-CA)

7345, *Thazin Radio* (presumed) via Pyin Oo Lwin, 1230-1243, May 5. Very good news here - CNR1 is currently off the air. In the clear with pop songs and some indigenous mx; mostly fair. Very pleasant listening! (Ron Howard-CA)

NIGERIA 6089.9, *R Nigeria*, Kaduna, 0436, May 02, vernaculars, s/on with religious talk, rumbling with Anguilla and Ethiopia, 52442. (Pankov-Bulgaria/DX Window) 6089.87, 2210-2220, 16.5, R Nigeria, Kaduna. Hausa talk mentioning Nigeria 33333 best in LSB due to QRM from CNR2 on 6090. (Anker Petersen-Denmark/PlayDX)

7255, *Voice of Nigeria*, Ikorodu, *0600-0710, May 13, Hausa comments, at 0700 French, 14321. Also heard at 1833-1845, May 12, English comments, ID: "Voice of Nigeria, Lagos", 34433. Again heard at 2016-2020, May 12, with Hausa program, 24322. (Méndez-Spain/DX Window) 7255, VON, May 14 already on the air at 0551 with pop African songs; into their IS; 0600 in vernacular with many "Voice of Nigeria" IDs in English; fair to almost good. (Ron Howard-CA)

PAKISTAN *Radio Pakistan* - Summer Schedule 2016 - irregular

0500-0545 daily SAs 7470isl Balti
0545-0630 daily SAs 7470isl Sheena

0500-0700 daily ME 15730isUrdu
0830-1105 daily Eu 15730isUrdu
(WRTH Update)

PAPUA NEW GUINEA (BOUGAINVILLE) 3325, *NBC Bougainville*, 1120 till suddenly off at 1201, May 4. Long series of speeches; 1150 playing pop Pacific Island music; in Tok Pisin/Pidgin; after NBC went off heard JBA carrier of assume RRI Palangkaraya. May 1, NBC not heard at all. May 2 clearly off early at 1136. (Ron Howard-CA) 3325, NBC Bougainville, 0925-1052, May 9. Reception well above the norm, but still poor; at times semi-readable; pop songs (The Temptations "Lean On Me," etc.); 0932 local/regional news in English; 1002 PNG bird call; NBC (national) news in English followed by "regional news" in Tok Pisin/Pidgin; 1031 ID with frequencies. Very little QRM from RRI Palangkaraya also on frequency. All segments today dealt with education minister Nick Kuman concerns about the University of Papua New Guinea student boycott and planned protest march that are also disrupting primary and secondary schools which cancelled their classes today in fear of violence. (Ron Howard-CA)

6020 tnx to UNID tip from Dave Valko, tuned *NBC Bougainville* 5/24 at 0640 w/ man talking then pop music to about 0657 fol by silence until 0700. Into NBC news incl wx and sports (EE) at 0700 with some breaks in the program. Pgm details by woman in Pidgin after the news until sign off. NBC Bougainville ID at 0710 then the signal suddenly left the air (0710*) checked 3325 afterwards and nothing seen on the rcvr. (Bruch Churchill-CA/DXplorer)

PERÚ 4985.50, *R. Voz Cristiana*, Chilca, Huancayo; at 2315-2355 on May 9, folk mx, anthems sung in huayno style, bilingual prgm in Sp & Quechua, prgm: "Buenas Nuevas". ID: "Ahora via satélite Radio Voz Cristiana". 44444. (Pedro F. Arrunátegui-Perú/DXplorer)

5024.92, *R. Quillabamba*, Quillabamba, Cusco; at 1130-1212 on May 5, news, prgm: "Panorama Mundial", ID in Quechua (pse listen to the following recording). 44444. (Pedro F. Arrunátegui-Perú/DXplorer)

5980.00, *R. Chaski*, Urubamba, Cusco; at 1115-1145 on May 7, rlg prgm with music playing anthems, ID, as always announcing "Red Radio Integridad". 44444. (Pedro F. Arrunátegui-Perú/DXplorer)

6174.04, *R. Tawantinsuyo*, Cusco; at 2315-2345 on May 12, mx, advs, esoteric prgm: "El cobre de tu

destino", ID on passing: "Por Radio Tawantinsuyo". 44444. (Pedro F. Arrunátegui-Perú/DXplorer)

PHILIPPINES Frequency change of *Vatican Radio* from May 2

1230-1300 NF 11875 Russian, ex 12030 // frequency 15370 Russian
(DX Mix-Bulgaria)

PIRATE (EURO) Laser on 5835 - in addition to 4029, Laser is now being heard on 5835. (Allen Dean 25 April/British DX Club) Update 30th April: Now on 4015, 4026 and 5835 (Gary Drew dxdc-news Yahoo Group, 30 April/British DX Club)

Radio OZNRH (Denmark) - which previously has been heard on 1611 and lately on 6310/6320 - is due with a new frequency in the near future: 15650. Likely to be on the air Sunday afternoons and into the early evening, so look out for OZNRH Sundays around 15-18. (Stig Hartvig Nielsen-Denmark/SW Bulletin)

ROMANIA 11850, *R Romania Int* have made a freq change at 2030 replacing 11870 AM transmission with 11850 - finally avoiding the clash with the simultaneous 11870 DRM transmission. Noted signing off today 2 May, and new frequency is confirmed on their website at http://www.rri.ro/en_gb/frecvente-259. (Alan Roe-UK)

RUSSIA We got broadcasting license. *Radio Yakutsk* - Sakha. 7295 Yakutsk 7345 Yakutsk. Mon-Fri: from 0600 to 0900; from 1200 to 1400; from 1800 to 2300; Sat-Sun: from 0700 to 1400; from 1800 to 2100 local time. (Victor Rutkovskiy-Russia/"open_dx") Time in Yakutsk = Moscow time + 6 hours. Yakutsk Time = UTC + 9:00 (PlayDX) 07.05.2016 at 1108 at 7345 in Tomsk is a very good reception. I heard the end of the weather forecast on the Russian, then followed the Yakut program. (Vladimir Kovalenko-Russia/"dneb-radio-dx") May 5 was tested. May 6 launched. (Victor Rutkovskiy-Russia/"open_dx") May 7, heard R. Sakha on 7295 (very weak) //7345 which was many times stronger; 7345 had poor to almost fair reception. Heard with no QRM on either frequency. Easy to ID with distinctive IS and also "Radio Sakha" IDs. Here are today's highlights: 0852: Decent level open carrier. 0900: Brief IS (Jew's harp); 3 time pips; announcers for about 10 minutes (news?); assume in Russian. 0909-1000: Very nice music program. 0950 clear "Radio Sakha" ID; 0957-1000: musical

montage. 1000: time pips; announcer (news?). (Ron Howard-CA) 7345 Radio Sakha heard this morning at 1235 to 1252 fade-out, May 13, heard a program of what I would describe form Hip-Hop Pop Music to a classical piano ballad, interspersed with comments by a female speaker in Russian. Nothing was noted on 7295. (Edward Kusalik-CA) R. Sakha sign on *0900 with no IS or pips; right into announcers in Russian with the news. May 24. (Ron Howard-CA)

Radio Sakha schedule today (May 10) from Hiroyuki Komatsubara (Japan): Night schedule maybe....weekday (local time): *0900-1400* weekend (local time): *0900-1200* (Ron Howard-CA)

No change of time or frequency of **Adygeyan Radio** in summer A16 (was 7325 in A15):

1800-1900 Mon. 6000-kd (Armavir 100 kW) in Adygey/Arabic/Turkish
1800-1900 Fri. 6000-kd (Armavir 100kW) in Adygeyan
1900-2000 Sun. 6000-kd (Armavir 100kW) in Adygeyan
(Ivo Ivanov, Bulgarian SW Blog/British DX Club)

SOLOMON ISLANDS 5020.0, **Wantok FM** relay, 1244 till suddenly off at 1330*, May 20. Identical reception yesterday and also same cut off time; usual EZL pop songs; frequent brief IDs: "This is Wantok FM 96.3. Good times, great music." Very nice to find them running well past their normal sign off time (1200*) for two consecutive days! (Ron Howard-CA)

9545 **SIBC** on 5/1 w/ S5 and clear signal into Edmonton Perseus site from 0647 tune w/ local pop music request pgm w/ woman ancr to 0700. IS fol by news by woman in EE to 0711 fol by weather bcst and local bulletins - sponsored by SilentWorld shipping co. - time given as "17 minutes past 6" fol by pgm sched by woman. Vocal by man and accompanying group at 0717. Male vocal "I'll Fly Away" at 0750 and time "7 minutes to 7" by woman at 0753. "SIBC Radio Happy Isles, the Voice of the Nation" ID anmt by woman repeated twice at 0759 fol by IS and news in Pidgin by woman at 0800. Best I have hrd SIBC on any frequency! (Bruce Churchill-CA/DXplorer)

SOUTH AFRICA 3320.02, **R Sonder Grense**, Meyer-ton, 2003-2006, May 02, song, 25332. (Mille-France/DX Window) Also heard at 0005-0015, May 02,

Afrikaans ann, hymns, 25332. (Petersen-Denmark/DX Window)

Channel Africa - Summer Schedule 2016 in English,

Monday-Friday:

0300-0400 on 5980mey
0300-0500 on 3345mey
0500-0700 on 7230mey
0600-0700 on 15255mey
0700-1200 on 9625mey
1500-1600 on 9625mey
1700-1800 on 15235mey
(WRTH Update)

SPAIN Radio Capital de l'Empordà Honors Radio Liberty by Marguerite Clark: On March 26, Radio Capital de l'Empordà, a small non-profit station based in Pals, Spain, aired a special program, "Govorit Radio Svoboda" ("Radio Liberty Speaks") and organized a photo exhibition to pay tribute to Radio Liberty and its transmitting station at Platja de Pals, which was demolished on the same day 10 years earlier. Radio Liberty was launched in 1955 in Platja de Pals, near Costa Brava in Girona, Spain, with the mission of "delivering a message of hope to communist nations." According to Miquel Curanta, general manager of Radio Capital de l'Empordà, one of the principle reasons Radio Liberty was established in Platja de Pals was because of the location's latitude and longitude (41° 59' North and 3° 12' East). "The station's 540-foot towers and antenna curtains situated at the edge of the sea provided an ideal launching site for shortwave signals," he said. "The open area and the water meant the signals only bounced off the ionosphere once before reaching the former USSR and other Iron Curtain countries with practically no attenuation." Curanta explains that Radio Liberty created many local jobs and meant a lot to the people of the small town of Pals. It also proved to be a source of intrigue since what Radio Liberty did was "almost a secret," thus creating curiosity among residents, who, not knowing exactly what Radio Liberty was, "thought that missiles or nuclear submarines were hidden there." Radio Liberty was closed when the Spanish government destroyed the antennas. Looting of the electronic equipment followed. Since then the area of Pals beach, which is now a protected nature reserve, has been vandalized and only an empty structure that housed Radio Liberty remains. Radio Capital de l'Empordà wanted to commemorate this

chapter in history by educating younger generations on the Cold War and the role that the Pals transmitter played in it. (Radio World NewsBytes)

SRI LANKA *Sri Lanka Broadcasting Corporation (SLBC)* - Summer Schedule 2016

0115-0130 daily 11905trm Bengali
0130-0230 daily 11905trm* Hindi
0715-0815 Sunday 1125put Tamil
1115-1130 daily 9720trm Hindi
1130-1145 daily 9720trm Malayalam
1145-1200 daily 9720trm Hindi
1200-1215 daily SAs 9720trm Tamil
1630-1830 Mon/Tu/Wed/Sat 11750trm Sinhala
Key: * Includes Christian prgs in English.
(WRTH Update)

SWEDEN *Radio Nord Revival* has received an around-the-clock licence for the period from 19-31 May but is awaiting confirmation of frequencies from the Post & Telecom authority. Will use short-wave and FM. (Radio Nord Yahoo group / Alan Pennington-UK/British DX Club) Reception reports on the SDXF transmissions can be sent by e-mail to qsl@sdx.se or by snail mail to SDXF, Box 1097, SE-405 23 Gothenburg, Sweden. Reception reports for the Radio Sala transmissions can be mailed to qsl@radiosala.se. (via Tom Taylor/British DX Club)

Broadcasts over Radio Revival from Sala, April 30:

Radio Nord Revival

1100-1200 on 3975 SAL 005 kW Swedish AM
1100-1200 on 6060 SAL 010 kW Swedish LSB
(DX Mix-Bulgaria)

Swedish DX Federation

1200-1315 on 3975 SAL 005 kW Swedish AM
1200-1315 on 6060 SAL 010 kW Swedish LSB
(DX Mix-Bulgaria)

Radio Sala

1315-2400 on 3975 SAL 005 kW Swedish AM
1315-2400 on 6060 SAL 010 kW Swedish LSB
(DX Mix-Bulgaria)

TAJIKISTAN 4765.00, *2259-2310, 14.5, *Tajik R 1*, Yangiyul Opening ann in Tajik, ID: "Radioi Tojikistan", reading poetry with folksong in the background. 45333. (Anker Petersen-Denmark/PlayDX)


UAE (DUBAI) Good signal of *Trans World Radio Africa* via BaBcoCk, April 28

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

USA BBG Considers Social Media Strategies: The Broadcasting Board of Governors at its monthly meeting this week said it plans to accelerate its expansion of global digital, video, mobile and social media platforms. The nine-member BBG directs five major networks: VOA, Radio Free Europe/Radio Liberty, Radio Free Asia, Radio and TV Marti and Middle East Broadcasting Networks. "To grow [BBG's] social media platform we need to target young, urban future leaders and influencers. We also need to invest more in efforts to ensure internet freedom around the globe," said BBG Board Chair Jeff Shell. The BBG has said previously the growth of social and digital platforms does not mean the broadcaster is abandoning legacy platforms like radio. (Radio World NewsBytes)

BBG announces Amanda Bennett as new Director of Voice of America. The Broadcasting Board of Governors today will welcome Pulitzer Prize-winning journalist and author Amanda Bennett as the 29th Director of the Voice of America (VOA). (DSWCI)

ZAMBIA 9680, *VOH* tuned 0510 with SINPO 4+5444 - started w/ armchair quality. Playing praise songs with local woman ancr who provided short devotional talks between songs. Central African time check at 0515. Increasing QSB and slow signal fade after 0515. *VOH* ID and frequency by man at 0524.5 and into song "Hallelujah" - male vocal. Syndicated pgm by male ancr w/ devotional talk at 0531-0536. Anmt by man "This is international radio, Voice of Hope" at 0536. (Bruce Churchill-CA/DXplorer) 9680, May 17, 0458, *VoHope* (Lusaka, Zambia). *VoH* heard poorly in the noise w/ ID/IS loop ("...Voice of Hope, Zambia...") & "Voice of Hope, broadcasting to all of Africa..." @ 0500 w/ freq., long hymn, quick announcement & more hymns. (Dan Sheedy-CA/SWBulletin)

Schedules, news and other information about short-wave broadcasting activity can be send 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 last month. Pirate broadcasting inevitably increases around major North American holidays. You ought to make your plans to listen to the increased pirate broadcasting activity that is certain to appear around Memorial day weekend, which this year is on May 27-30. This traditionally is a major pirate radio holiday.

Further, despite the official forthcoming arrival of summer, rising static levels make DXing shortwave pirates more difficult, but do not eliminate the ability of us to hear shortwave pirates.

Recent FCC busts of pirate radio stations have been dominated as usual by FM pirates with a wide geographic spread, including a station on 87.9 MHz in San Diego, CA, a station on 103.9 MHz in Gunthersville, AL, a station on 94.5 MHz in Homestead, FL, a different station on 91.7 MHz in Holestead, FL, a station on 101.9 MHz in Miami, FL, a different station on 89.5 MHz in Miami, FL, yet another station on 91.5 MHz in Miami, FL, still another station on 97.1 MHz in Miami, FL, a station on 103.1 MHz in North Miami, FL, another station on 89.1 MHz at a condo in North Miami, FL, a station on 90.9 MHz in Paterson, NJ, a station on 98.5 MHz in Margate, FL, a station on 91.5 MHz in Boynton Beach, FL, a station on 91.9 MHz in Brooklyn, NY, a station on 95.1 MHz in Panorama City, CA, a station on 93.7 MHz in Arleta, CA, and a station on 87.9 MHz in Jefferson, LA. The huge volume of FM pirate busts every month is continuing, with few shortwave pirate busts in recent months and years.

It also turns out that the FCC enforcement action against the Los Angeles Dodgers (Pirates?) is still in dispute between the FCC and the National League Major League Baseball franchise in Los Angeles with no final resolution yet.

Your pirate DX news and logs for this column are always welcome. Feel free to send them in so that others can follow trends on how and where others are hearing unscheduled and ever-changing pirate radio operations on shortwave, Pirate radio broadcasting on shortwave continues at a very brisk pace; mode is USB unless noted:

Amphetamine R. 6925 2254-2257 5/11/16 SIO=444. Hrd only the end of the prgm w/ ID and USA NA at close. (Lobdell-MA)

Burn it Down R. 6876 0033 5/15/16 good. Prgm of classic rock mx. (Taylor-WI)

KIPM 6955 0109 5/15/16 good. Relay of an old Alan Maxwell prgm incl rock mx by Pee Wee R. (Taylor-WI)

Moonlight R. 6876 0014 5/8/16 poor. Prgm of mx. (Hauser-OK)

Moonlight R. 6925 2332 5/20/16 poor. Prgm of mx. (Cooper-PA)

Northwoods R. 6935 0005 5/8/16 very good. Prgm of classic rock mx. (Taylor-WI)

Pee Wee R. 6950 0124 5/8/16 fair. Prgm of guitar mx w/digital SSTV image at close. (Taylor-WI)

Pee Wee R. 6930 0014 5/15/16 fair to good. Prgm of classic rock mx w/a polka song and a CW ID. (Taylor-WI)

Pee Wee R. 6930 0026 5/15/16 strong. Prgm of "dense mx." (Hauser-OK)

R. Free Whatever 6876 0003 5/8/16 good. Prgm of punk mx & discussion of Mexican food. (Taylor-WI)


R. Free Whatever 6876 0003 5/8/16 fair. Prgm of punk mx & discussion of Mexican food. (Cooper-PA)

R. Illuminati 6150 AM 0047-0159* **The Crystal Ship** 6876 AM 0158-0200 5/19/16
4/23/16 SIO=433. Prgm of classic rock mx. SIO=333. Rock mx prgm. (Hauser-OK)
(Lobdell-MA)

R. Illuminati 6150 AM 2317-2346+ **The Crystal Ship** 6976 0045 5/21/16 fair.
4/23/16 SIO=433. Prgm of oldies rock mx. Several songs related to baseball. (Cooper-PA)
(Lobdell-MA)

The Crystal Ship 6876 0058 5/7/16 good. **WDDR** 6935 0033-0213 5/12/16 SIO=454/232.
Prgm of comedy, parodies, and novelty mx, ancd as a relay. (Taylor-WI) Slogan of drunken DJ radio, with anmts
amid oldies mx that he was getting drunk
on wine. (Lobdell-MA)

The Crystal Ship 6876 0010-0137 5/7/16 **Wolverine R.** 6950 0025 5/8/16 strong.
strong level in static. Prgm of comedy, Prgm of mostly blues mx. (Hauser-OK)
parodies, and novelty mx, ancd as a relay. **XLR8** 6976 0045 5/21/16 fair. Prgm of classic
(Hauser-OK) rock mx. (Cooper-PA)


The Crystal Ship 6876 0127 5/14/16 fair **XLR8** 6950 0020 5/21/16 strong. Prgm of
to good. Prgm of mostly classic rock mx. classic rock mx. (Hauser-OK) 
(Taylor-WI)

The Crystal Ship 6875 AM 0147-0213
5/19/16 SIO=333. Mostly a bubblegum oldies
mx prgm. (Lobdell-MA)

NASWA Flashsheet

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

NASWA Facebook Page

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

QSL Report

Sam Barto • 78 Blakeman Road • Thomaston, CT 06787



THE INTERNATIONAL
RADIO

BAHARAIN: Radio Baharain

9745 Email QSL in 1 mo. for a taped rpt. and \$3.00. During the past 6 years I've sent 12 rpts. to this station and I finally got a reply! (Smith-MA)...Congratulations Gee, that doesn't look quite right. Did I spell that correctly?...sam.

BANGLADESH: Bangladesh

Betar 15105 The station verified my Email rpt. w/ a f/d "Bangladesh Countryside" cd. and a short personal

cover ltr. from Abu Tabib Md. Zia Hasan, Senior Engineer, Research and Receiving Center in 54 ds. who encouraged further reports. He stated "Your reception reports on our frequency obviously helps us to evaluate our performance and thereby we can implement to find

STATION NOTES: Radio Clube do Para 4885 v/s Camilo Centeno, Director General. Addr: Avenida Almirante Barroso 2190, 3 andar, CEP-66095-000, Belem, Para, Brasil.

Radio Cultura Para 5045 Addr: Rede Cultura de Comunicacao, TV Radio Portal Cultura Av. Almirante Barroso, 735 - Marco Belem, Para, CEP-66093-020, Brasil. **Radio Difusora Acreana** 4885 v/s Francineide Dias. Email: comercial.difusora@ac.gov.br **Radio Difusora de Macapa** 4915 Addr: Rua Candido Mendes 525, CEP-68900-100 Macapa, AP, Brasil. Email: martinsap3@hotmail.com v/s Martins Filho, Gerente Financeiro -or- Juliana Alves Coutinho, Gerente de Radio Difusora de Macapavia PLAY DX....Sam.

❖ *Radio Vixen International* ❖



Listener: *Richard A. D'Angelo* Frequency: 6925
Date: *March 22, 2011* Time: 00:52 utc

the way out to quality improvement" The best part about a reply from Bangladesh is the number of postage stamps on the envelope - 21 in all!(D'Angelo-PA).

BULGARIA: Radio City 7290 via **Kost-inbrod**. Email rpt. to:citymorecars@yahoo.ca and a f/d eQSL ltr in PDF format in 3 hrs. The fea-

tured car in the photograph is a 1956
* De Soto Fireflite. (Roe-UK). European
Music Radio 7290 via Kostinbrod Email
rpt. to emrshortwave@gmail.com and a f/d
QSL ltr in Word format in only 10 ds.
The site was given as "Secretbrod, Bul-
garia". (Roe-UK).

CLANDESTINE: Radio Lead Africa 5910 via

* Meyerton (Sentech) The station verified
my Email rpt. w/ a n/d Email reply in
only 16 minutes from Baker Mayambala who
describes the station as "Independent,
community radio that provides a platform
for human rights civic education; embraces
diversity, tolerance of opinions and freedom of expression; seeks to
stimulate, educate and entertain our audience to reflect, celebrate
and promote the creative cultural and political vitality of all African
community; while advocating for peace, social and environmental
justice." In a separate Email from Martha Leah Nangalama in Moncton,
Canada comes the following information: "We broadcast in Ugandan



Islamic Republic of Iran Broadcasting
P.O. Box 15395 4347 TEHRAN - IRAN

STATION NOTES: Voice of America 13830 Addr: IBB, Sri Lanka Transmitting
Station, c/o U.S. Embassy, 210 Galle Road, Colombo, Sri Lanka. Wave-
scan Adventist World Radio 15255 via Iranawila v/s Salahuddin Dolar,
QSL Manager. Email: dxbangla@gmail.com WYFR Family radio 13735 via
Trincomalee Email: international@familyradio.com Voice of Sudan 9505
Addr: Radio Omdurman, P. O. Box 1094, Omdurman, Sudan v/s Bakhit Bus-
hara Email: bakhit02bb@yahoo.com



PLATEAU
NIGERIAN BROADCASTING CORPORATION

Telegram & Cable:
BROADCASTS, JOS.
PHONE: 2159

BROADCASTING HOUSE,
P. M. B. 43,
JOS,
NIGERIA

13th Sept. 1977

JOS/ENG/307/3

SAMUEL L. BARTO
245 CHERRY AVENUE
APT. J-11 WATER TOWN, CONN.
U.S.A. 06795

Dear Sir/MADAM

Reception Report.

I am happy to confirm that it was PBC Jos you received on
..... 5765 kHz at 22:41:2257 G.M.T. on 21-2-77
The programme then on the air was as you rightly
indicated.

The transmitter, which is 10KW, first came on the air on 15th Dec. 1974
as an effort to improve the broadcasting services of the Plateau
Broadcasting Corporation.

It might interest you to know that Jos, where the transmitter is
located, is the capital city of Plateau State of Nigeria. The city
is sited on a plateau 1377 metres above sea level. The
area is blessed with cool climate, beautiful scenery and abundance of
mineral resources.

I wish you satisfactory reception, thanks and goodbye.

Amable
for (CHIEF ENGINEER)
RADIO PLATEAU, JOS.

languages in order
to reach the wider
audience in English
but some of the
broadcasts are in
English. (D'Angelo-
PA).

CUBA: Radio Havana Cuba

6000 QSL arrived in
227 ds. for a postal
rpt. Also rcvd. a
New Years cd. and 2

2016 pocket calen-
dars. (Roe-UK).

ENGLAND: Babcock Test

* Transmission 7285
via Woofferton Email
QSL in 346 ds. for
a rpt. to: transmi-
siontest@gmail.com
v/s Dave Porter
G40YX, Retired Sen-

ior Transmitter Engineer Woofferton 1982-2012. This transmission was to fault-find on a 300 kW sender at the UK HF transmitter station at Woofferton. (Roe-UK)

FRANCE: Radio Oomrang

15215 via Isoodan The station verified my Email rpt. to Media Broadcast at: QSL-Shortwave@media-broadcast.com in one day w/ a f/d

PDF attachment from v/s Michael Pletz, Sales Consultant, Business Unit Radio who indicated "We will also forward your report to the broadcaster". (D'Angelo-PA).

GERMANY: Radio Northern Ireland 6070 via Rohrbach QSL came in 10 minutes for a rpt. to: radionorthernireland@outlook.com v/s Jordan. QSL cd. was rcvd. in 4 ds. via postal mail. (Roe-UK). **From the Isle of**

GHANA BROADCASTING SYSTEM

P. O. BOX 1633, ACCRA.

Ref. No. FR.10(E)/RH/17/045

Date: 16/8/62

Dear Sir, ~~XXXXX~~

Thank you for your reception report of our Broadcast on 17910 kc/s, heard at 1502-1515 G.M.T. on 3rd July 1962

Your report is much appreciated.

For Director of Broadcasting.

STATION NOTES: Voice of Russia 4975 via Dushanbe Addr: ul. Pyatnitskaya

25, RU-115326 Moskva, Russia, Radio Thailand 9680 Email: manager_tha_iland@tha.ibb.gov China Tibet Broadcasting 6130 Addr: CTB, Lhasa City, Peoples Republic of China Dunamis Broadcasting 4750 Email: mail@biblevoice.org Addr: Box 425, Station E, Toronto, Ontario M6H 4E3 Canada Radio Australia 9855 via Dhabbaya Addr: P. O. Box 428G, Melbourne, Victoria 3001, Australia Japan Short Wave Club via Radio Japan 5975 Email: jsnwqsl@live.jp Radio Taiwan International 13620 via United Arab Emirates Email: fren@rti.org.tn Armed Forces Radio and Television Service 7811 via Key West, Florida Email: contactus@myafn.net - or - technologist@dma.mil EWTN 12050 v/s Glen Tapley Addr: 5817 Old Leeds Road, Irondale, Alabama 35210 KJES 11715 Addr: 230 High Valley Road, Vado, NM 88072-7221 Kol Israel 9955 via WRMI Email: radiodirector@iba.org.il ...via Play DX..Sam.

VOICE OF THE REVOLUTION

NATIONAL

BROADCASTING SERVICE

P.O. Box 617 - Conakry
Republic of Guinea

10-2-76

VERIFICATION OF

RECEPTION-REPORT

of Ms Jaawal L. Banta
Ms Cherry Ave
Highgate Act. J-11
Water Town, Conn 06795
U. S. A.

Dear Listener,

We received your reception-report with a great pleasure. Here is it's verification :

Date of reception : 2-5-3 th 1976 . Time : from 21.0. to 21.07 H.G.M.T.

Our program confirms that it was our station you heard. Your report is very interesting ; we appreciated it very much.

We give you below our complete broadcasting program.

KHz - m	G.M.T.																									
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
1403-214																										
4910-60																										
7125-41																										
9650-31																										
15310-19																										
6 13-49																										
15 15-25																										

We hope that you will write us again. Receive our friendly greetings.

The Technical Studies



Misic 6070 via Rohrbach Email rpt. to: tilford productions@gmail.com. A reply came in 10 minutes and a f/d eQSL cd. was rcvd. in 4 hours. (Roe-UK).

INDIA: All India Radio 7550 via Bangalore This was for their Ragaam Service in Hindi/English in the DRM mode. Email rpt. was sent to: spectrum-manager@air.org.in. Full data QSL cd. was rcvd. in 27 ds. The face side features a nice view of the AIR Broadcasting House. (Roe-UK).

MALAGASY REPUBLIC: RTE Radio International via Talata-Volonondry The station verified my email rpt. to: hearis@rte.ie w/ a f/d PDF attachment in 43 ds.



Radio Exterior de España

Estimado oyente:

Tenemos el gusto de confirmar su informe de recepción:

en fecha
03 de 02 (M D Y)
a las 20:23-20:57 UTC
en los 9650 kHz
y con un SINPO o SIO de
34423

Scott R. Barbour Jr
P O Box 693
Intervale, N.J.
USA 03845

Atentos saludos,

A.P. 156202 / 28080 Madrid (España) <http://www.ree.rne.es> ree.rne@rtve.es
Teléfonos: (34) 913461149 / (34) 913461083 Fax (34) 913461815

The station neglected to include the transmitter site on the QSL. (D'Angelo-PA).

PHILIPPINES: Radio Veritas

Asia 15355 The station verified my email rpt. for a second time w/ a f/d postal reply featuring a "Cebu Island" card, a station key ring, station sticker and an information brochure about the "Voice of Asian Christianity" and a book mark in 58 ds. from v/s Ms. Arlene A. Donarber, Audience Research and Re-

lations Officer. Except for the information brochure, the package was identical to the stations previous reply. (D'Angelo-PA).

VATICAN CITY STATE: Radio Veritas Asia 15620 via Santa Maria di Galeria

* The station verified my email rpt. w/ a f/d "National Park in the Saint Paul Mountain Radge" cd. in 39 ds. from v/s Ms. Arlene A. Donarber, Audience Research and Relations Officer. The station package included a RVA station sticker, brochure, book mark and instructions for downloading RVA Mobile. (D'Angelo-PA).

STATION NOTES: Orion Radio 5820 Email: info@orionradio.nl Marconi Radio

6240 Email: radiomarconi@msn.com **Radio Verdad 4055 v/s Dr. Edgar Amilar Madrid, Director Manager. Email: radioverdadd5@yahoo.com Radio Mashaal 15715 Email: mashaalradio@rfel.org Radio Athmeeyayathra 15285 Email: info@athmeeyayathra.org** Addr: Manjadi Junction, P.O.

Box Tiruvala, 5 Kerala, India. **Quintus Radio 3900** Email: radioquintus@hotmail.com **Radio Batavia 3930** Email: radiobatavia@hotmail.com **Radio Saxonia 5820** Email: radiosaxonia@we b.de **Radio Senado 5990** v/s Ivan Godoy Email: ondascurtas@senado.gov.br **Radio Scotland 6291** Email: radioscotland@hotmail.com...via PLAY DX...Sam.



SENADO FEDERAL
SECRETARIA DE COMUNICAÇÃO SOCIAL
SUBSECRETARIA RÁDIO SENADO

Brasília, 21 de maio de 2002.

John L. Sgrulletta
337 Bullet Hole Road
MAHOPAC,
New York 10541-2605
United States of America

Senhor John,

Foi com grata satisfação que recebemos sua correspondência acusando o recebimento do sinal da Rádio Senado FM.

Os detalhes narrados na correspondência de Vossa Senhoria são transmissões da Rádio Senado. Como se sabe, os nossos programas são produzidos em língua portuguesa, porém a linguagem musical é universal e é com grande alegria que sabemos estar sendo ouvidos em terras tão longínquas. Agradecemos a gentileza e o carinho de nos escrever relatando os detalhes da nossa transmissão.

Atenciosamente,

Lourdes Maria V. G. Carneiro
Chefe da Administração

Verie nice QSL Column this time. I knew you guys could do it. Lets keep up the good work and get the reports into your QSL Editor.

Till next time...73s

Besides thw n now the letter j is going on my typewriter. Hi!

Contributors' Page

DEADLINE FOR CONTRIBUTIONS IS THE 10th OF THE MONTH

The following members sent in contributions:


Rick BARTON , El Mirage, AZ	R8, SP600/JX-14, HQ120x, HQ200, outdoorwires, slinky
Bob BROSELL , WI	NRD-545, Eton E1, Sony ICF SW 77
Ed CICHOREK , Somerset, NJ	R-75, SW-8, ICF-2010, SX-99, Eavesdropper
John COOPER , Lebanon, PA	WR-G33DDC, SDR-IQ, Sat 750, PL-660, ALA1530+, SWL sloper
Rich D'ANGELO , Wyomissing, PA	RX340, R8B, E1, E5, DX Sloper, Mini-Windom, FL3, ANC4
Jim EVANS , Germantown, TN	R75, RX340, E1, ICF-SW7600G, G6, 90' lw, ALA100M
Andre FREDETTE , Oakville, ONT	R-75, R8B, NRD-545, MFJ-956, 65' random wire
Glenn HAUSER , Enid, OK	FRG-7, DX-398/ATS-909, YB400, ICF SW-07
Sheryl PASZKIEWICZ , Manitowoc, WI	NRD-515, Eavesdropper
Pamela PRODAN , Wilton, ME	YachtBoy 400PE
Alan ROE , Teddington, UK	Winradio G31 Excalibur,, ELAD FDM-S2 17m long wire
Robert WILKNER , Pompano Beach, FL	535D, R8, IC746Pro 

2000-5900 kHz

Tropical Band Loggings

Scott Barbour • P. O. Box 893 • Intervale, NH 03845 • srbjrswl@yahoo.com

- 3185 **USA WWRB** Manchester 0126 On again w/ gospel huxter, but not BS, & in fact is //5050, on the last two txmitters Dave still has; 5/8. (Hauser-OK)
- 3250.08 **USA WBCQ** Monticello 0103 WBCQs new txmitter is on again, during "Allan Weiner Worldwide" (as he announced earlier, tnx to tip from John Carver); it's v. poor here in summer noise lvl, exactly the wrong season to initiate it, but it should be all set for winter; Allan had said he would get it operational once he returned to Maine, which he now has, but not feeling well w/ the flu; I find 3250+ to be // & almost synched w/ 7489.95-AM; also check 5129.91-AM but it's playing mx instead (& 9330 is as usual off after 0100); 5/7. (Hauser-OK) 0101 JBA sig at S4 less than the noise lvl; I can barely make // WBCQ on 5129.9, so it's on again; NOT on 3230 as in the WRTH A16 supplement; 5/15. (Hauser-OK)
- 3260 **PNG R. Madang** Madang 1139 Mx at S7 to S9, no doubt NBC Madang, one of the few SW stns left there; 1152 during talk it's down to S3-S5; losing it after our sunrise 1133 UT (in one month it will be earliest at 1114); 5/5. (Hauser-OK)
- 3289.95 **GUYANA GBC** Georgetown 0743 W ancr in EE into brief mx then 0749 chorale mx; 0750 preacher; W ancr at 0758; 0800-0805 BBC nx; 5/2. (Wilkner-FL) 2330-2344 Partial ID or ment de Guyana; also brief mention of health issues?; marginal sig; 5/19. (Wilkner) 3290 0100 M ancr w/ mx & talk; poor-JBA; 5/2. (Cooper-PA) 0240 W ancr in EE w/ distorted audio; poor-JBA; 5/21. (Cooper-PA)
- 3310 **BRAZIL R. Mosoj Chaski** Cotapachi 0925 M ancrs between mx bits; (P) commercial or promo. Fair; 5/2. (Cooper-PA) 0115-0123 W ancr in Quechua; (P) brief mx bridge & second ancr; marginal sig at best; 5/17. (Wilkner-FL) 0050 Two M ancrs in SS; audio was very poor; 5/19. (Cooper-PA)
- 3320 **SOUTH AFRICA R. Sondergrense** Meyerton 0130 M ancr w/ ID followed by lively mx; f-p; 5/2. (Cooper-PA) 0102 M & W ancrs w/ nx; mx; f-p; 5/19. (Cooper-PA) 0400 W ancr in Afrikaans; poor sig in heavy noise; 5/22. (Evans-TN)
- 3325 **PNG NBC Bouganville** Kieta 1140 (P); M & W conversing, sounds like Tok Pisin rather than Indo, & only hearing one stn, at S9 to S7, so NBC presumed; still at 1152; 5/5. (Hauser-OK)
- 3365 **BRAZIL R. Cultura** Araraquara 2340-2355 PP prgming; W ancr w/ talk; first time noted in a while; weak; 5/5. (Wilkner-FL)
- 3375.1 **BRAZIL R. Municipal** Sao Gabriel da Cachoeira 2330-0010 M ancr w. talk & brief mx; fading; 5/19. (Wilkner-FL) 3375.15 0200 M ancr in PP w/ ID, nx & mx; poor-JBA; 5/22. (Cooper-PA) 3375.3 0930 M ancr over mx; poor; 5/2. (Cooper-PA)

- 3965 **FRANCE RFI** Issoudun 1931 DRM; Weekly prgr "L'Épopée des musiques noires" in FF; looking back at the first World Festival of Black Arts (with Duke Ellington and others) in Dakar, Senegal in 1966; 13dB; 4/30. (Roe-UK)
- 4055 **GUATEMALA R. Verdad** Chiquimula 1007 NA; M anc over mx w/ ID and freq sked; same info in EE; fair; 5/2. (Cooper-PA) 0135 Piano mx; M anc w/ SS Bible talk; poor; 5/19. (Cooper-PA) 0403 Soft mx & choral hymns; fair; 5/16. (Brossell-WI)
- 4747.53 **PERU R. Huanta 2000** Huanta 2335-0000 M anc in SS; brief mx; weak sig subject to fading; 5/5. (Wilkner-FL) 2330-2340 M & W anc under extreme CODAR; 5/19. (Wilkner-FL)
- 4774.87 **PERU R. Tarma** Tarma 0145 (P); M anc in SS w/ mx & talk; heavy CODAR; poor-JBA; 5/22. (Cooper-PA)
- 4774.78 **BRAZIL R. Congonhas** Congonhas 1015 M anc w/ mx & talk; (P) ad; ID; fair; 5/2. (Cooper-PA)
- 4785 **BRAZIL R. Caiari** Porto Velho 0944 M anc over mx; chorus; W anc w/ promo & ID; more M anc over mx; fair; 5/2. (Cooper-PA) 1020-1035 M anc in PP; f/out; 5/17. (Wilkner-FL)
- 4805 **BRAZIL R. Difusora do Amazonas** Manaus 1020-1030 Recheck w/ long talk by M anc; 5/1. (Wilkner-FL) 0950 M anc over mx; heavy CODAR & RTTY; JBA.; 5/2. (Cooper-PA) 1015 Long talk in PP; no mx to 1030 f/out; 5/17. (Wilkner-FL)
- 4814.97 **BRAZIL R. Difusora Londrina** 0153 (P); JBA sig at S7 vs CODAR; exactly where I measured it last December 1 ; 5/6. (Hauser-OK)
- 4835 **AUSTRALIA VL8A** Alice Spring 1230 W anc w/ mx & rpts; fair; 4/13. (Barton-AZ)
- 4840 **USA WWCW** Nashville 1150 Jimmie Rogers yodeling; v. poor; 5/7. (Prodan-ME)
- 4865 **BRAZIL R. Verdes Florestas** Cruzeiro do Sul 0225 (T); M anc w/ mx & talk; co-ch. interference from unid. stn underneath; poor-JBA; 5/6. (Cooper, PA) 0230 (P); W anc w/ talk & ballads; f-p; 5/21. (Cooper-PA)
- 4875 **BRAZIL R. Roraima** Boa Vista 0955 Two M anc & W in conversation; fair; 5/2. (Cooper-PA) 0230 Ballads; fair; 5/19. (Cooper-PA)
- 4885 **BRAZIL R. Cube do Para** Belem 0210 Two M anc w/ futbol game; 0215 several time pips & ID; fair; 5/19. (Cooper-PA)
- 4910 **AUSTRALIA VL8T** Tennant Creek 0803-0830* Fading w/ W anc talk re mx; 4/30. (Wilkner-FL)
- 4925.13 **BRAZIL R. Educação Rural** Tefé 0150 M anc in PP w/ lengthy talk until the stn went off the air at 0202; poor; 5/20. (Cooper-PA) 4925.2 2250-2310 M anc w/ talk & mx bridge; f/in; 5/19. (Wilkner-FL)
- 4949.80 **ANGOLA RN Angola** Mulenvos 0140 (T); M anc in (P) PT w/ mx; audio coming in very intermittently; JBA-poor; 5/2. (Cooper-PA)
- 4955 **PERU R. Cultural** Amauta 0149 (P); Mx at S7; (P) only known stn on 4955, but which Aoki & WRTH think closes at 0100, 5 kW OAX5S; 5/6. (Hauser-OK) 0230 M anc w/ ID followed by W anc over mx w/ (P) ad; poor; 5/6. (Cooper-PA)
- 5015 **USA WRMI** Okeechobee 0028 As I reach WRMI's lowest freq; now it's Bro. Stair talking about the significance of May 15 (also signif to RBA, coincidence?); 5/3. (Hauser-OK)
- 5020 **SOLOMON ISLANDS SJBC** Honaira 1136 W anc in British accent announcing the next recording; I assume this was the regular BBC relay; poor; 5/5. (Brossell-WI) 1144 W anc in (P) Tok Pisin; S9 to S9+10, w/ more ACI from 5025 Cuba than from 5015 WRMI; 1153 mx at S9; 1156 W anc w/ (P) devotional, making out "...the life of the nation."; 1200 brief mx, anthem? cut off air at 1200:50* before completion; 5/5. (Hauser-OK) 1057 Instrumental mx; 1100 ID; W anc in EE w/ lcl info; poor; 5/14. (Taylor-WI)
- 5025 **CUBA R. Rebelde** Havana 0103 The Eagles iHotel California; other rock; f-g; 4/25. (Prodan-ME) 0150 Nice selection of Cuban ballads by W vcls; good; 4/30. (Roe-UK)
- 5040 **CUBA RHC** Havana 0500 EE; DXers Unlimited, Mailbag Plus & From Havana (featuring a Guantanamo province duo called Buena Fe); fair; 5/2. (Roe-UK) 0540 RHC fails to b/cast in SS like in this hour last night, but instead EE, as Arnie in "DXers Unlimited" is talking about sporadic E, sprites & T-storms causing it; 5/4. (Hauser-OK)
- 5050 **USA WWRB** Manchester 0028 On tonight even tho it's not a weekend, gospel huxter w/ extremely lo-fi audio, like a terrible phoneline?; nothing now on 3185 or 9370 from WWRBS; 5/3. (Hauser-OK) 2352 Back on here during politico-religious sermon, & again // 3185 which strangely enough is axually stronger/louder; 5/14. (Hauser-OK)
- 5085 **USA WTWW** Lebanon 0611 Dead air from WTWW-2, instead of "Midnight in the Desert"; 5/11. (Hauser-OK)
- 5129.9 **USA WBCQ** Monticello 0101 Mx not // 7490 "Allan Weiner Worldwide"; maybe it was // during the first hour from 0000?; the WBCQ 5130 prg sked continues to lack anything after 0100 UT Saturday; 5/14. (Hauser-OK)
- 5865 **KUWAIT R. Farda** Umm al-Rimam 0135 M anc w/ mx & talk; ID; fair; 5/7. (Cooper-PA) 0130 Time pips & M anc w/ ID in (P) Farsi as listed; nx headlines; fair; 5/22. (Cooper-PA) 

International Band Loggings

5901-30000 kHz

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

- 5950 **ETHIOPIA Voice of Tigray Rev (pres)** Addis Ababa, 04/20, 0310. Tigray. Horn of Africa instrumental music, followed by some talk by a woman and then an African vocal song. 25342. (Roe-UK)
- 5952 **BOLIVIA Emisoras Pio XII Siglo Veinte**, 0114-0119. Talk in Spanish by a man and a woman with an occasional few bars of music. Weak but steady signal with low side interference from Okeechobee. 5/3/2016 (Evans - TN)
- 5995 **GERMANY Radio Liberty** Lampertheim, 05/01, 2010. Russian. Jazz Time featuring Duke Ellington. 35333. (Roe-UK)
- 6005 **GERMANY SM Radio Int** Kall, 04/16, 1905. English. Ron O'Quinn's Rock n Roll Rewind. 35333. (Roe-UK)
- 6070 **GERMANY Channel 292** Rohrbach, 03/29, 1900. English. From the Isle of Music and a great selection of Cuban music. 45433. (Roe-UK)
- 6070 **GERMANY Channel 292** Rohrbach, 04/19, 1900. English/Spanish. From the Isle of Music - great Cuban songs. 45333. (Roe-UK)
- 6070 **CANADA CFRX** Toronto, 2155-2206 Apr 24, two men talking about snow monkeys followed by several "News talk 10-10" IDs, ads and news update at 2200. Good signal with periodic deep fades. (D'Angelo-PA)
- 6070 **GERMANY Radio Ohne Namen** Rohrbach, 05/06, 1905. German. Some rather fun old-time German music. 35333. (Roe-UK)
- 6070 **GERMANY From The Isle of Music** Rohrbach, 05/10, 1900. English/Spanish. Great selection of Cuban songs including dance and Classical. 45333. (Roe-UK)
- 6095 **GERMANY Mighty KBC** Nauen, 04/17, 0825. English. The Giant Jukebox with Eric Willegen. 55444. (Roe-UK)
- 6134 **BOLIVIA Radio Santa Cruz** 0034-0116 Apr 19, nice mix of Latin tunes with a man announcer and Spanish talk, IDs and announcements. Nice formal ID at 0100 followed by a woman announcer. Fair. (D'Angelo-PA)
- 6165 **LITHUANIA NHK Radio Japan** Situnai, 04/30, 0435. Russian. Woman talking with piano in background. 35333. (Roe-UK)
- 6170 **ROMANIA Radio Romania Int** Galbeni, 04/18, 2130. English. News, History Show about the old Romanian-Soviet Joint Venture companies called "SovRoms". 55555. (Roe-UK)
- 6170 **NEW ZEALAND RNZI** 5/10, 1315 current events on Cook Islands, Indonesia topics. Good (Barton-AZ)
- 6180 **BRAZIL Radio Nac Brasilia** Brasilia, 04/09, 0250. Portuguese. Selection of Brazilian EZL songs. 35443. (Roe-UK)
- 6185 **UK Radio Taiwan Int** Woofferton, 04/18, 1935. German. Music program: "Hit Parade" presented by man. 45444. (Roe-UK)
- 7205 **FRANCE Radio France Int** Issoudun, 04/18, 2005. French. News read by YL (in // with 3965kHz World program until 2010UT) then program "La bande passante" - woman interviewing man. 55444. (Roe-UK)
- 7205 **FRANCE Radio France Int** Issoudun, 04/09, 2010. French. "Musiques du monde". 55444. (Roe-UK)
- 7205 **FRANCE Radio France Int** Issoudun, 04/24, 2012. French. Program "Musiques du monde" and recording of live Jazz session from artists "Bojan Z, Julien Lourau and Art". 55544. (Roe-UK)
- 7225 **CHINA PBS Sichuan 2** Chengdu (presumed), 1204-1206. Talk by a man in an Oriental language (Tibetan per schedule) occasionally heard peaking above the noise. Very poor signal, at noise level most of the time. 4/14/2016 (Evans - TN)
- 7240 **CHINA PBS Xizang** Lhasa, 05/06, 2135. Chinese. Modern Chinese music. Female announcements in Chinese, but canned jingle "Album of the Year" in English. Heard also on parallel 6050 and 4820. 35333. (Roe-UK)
- 7280 **VIETNAM V of Vietnam** Hanoi, 05/07, 1900. English. News, Report on the last blacksmith in Hanoi, Weekend Music Show. 34333. (Roe-UK)
- 7290 **IRAN Voice Islamic Rep. of Iran** 0005-0007, 5-20-16, call to prayer heard under an amateur QSO using AM modulation. very weak signal (Cichorek-NJ)
- 7305 **CHINA China Radio Int** Urumqi, 04/19, 2035. Polish. Chinese popular songs with OM announcer. 55555. (Roe-UK)
- 7310 **GERMANY Swissinfo** Kall, 04/30, 1445. English. Feature about studies and research on Fruit Flies in Switzerland. 45333. (Roe-UK)
- 7325 **UK Radio Taiwan Int** Woofferton, 04/18, 1935. French. Music program: "Pop 50" presented by man. 55333. (Roe-UK)

- 7330 **AUSTRIA Radio Joystick** Moosbrunn, 05/01, 1005. German. 80/90's oldies music including a re-mix version of "Love is a Drug" with male presenter. 55444. (Roe-UK)
- 7450 **CHINA - TIBET PBS Xizang** Lhasa, 1146-1150. Talk in Chinese by a woman, occasionally joined by a man. Very weak signal, just above the noise, with minor fading. 4/17/2016 (Evans - TN)
- 7460 **PHILIPPINES Voice of America** Tinang, 1349-1352. Talk in Korean by a man and a woman with an occasional few bars of music. Weak signal with minor fading. Music at 1352. Parallel 11990 with moderate strength signal and deeper fades. 4/24/2016 (Evans - TN)
- 7465 **ALBANIA Radio Tirana** Shijak, 04/19, 2010. English. Long Albanian song until short 5 minute edition of Mailbag followed by a music selection.. 45343. (Roe-UK)
- 7495 **MOLDOVA Voice of Spring (Iran Prisoners Radio)** Grigoriopol, 04/22, 1733. Farsi. Farsi song, then talk by male over music bed. More talk by two women and sign-off with another Farsi song.. 45333. (Roe-UK)
- 9315 **EGYPT Radio Cairo** May 20 at 0117, Radio. Cairo is S9+20 but no Spanish programming audible, just motorboating noise. Probably the worst source for news about the downed plane, which BTW was uniquely called SU-GCC. Referring to it as "Egyptair Flight 804" is totally ambiguous, as there is one of those every night. "Flights" don't crash; individual aircraft do (Hauser-OK)
- 9330 **UNITED STATES WBCQ** May 20 at 1257, WBCQ test is "still" (or again) running, S4 but just barely modulated: I can recognize AW's voice with his promo for new program clients. An hour later at 1358 at first I think it's off, but then detect the offset carrier in addition to a very weak one on 9330.0, possibly a ute. (Hauser-OK)
- 9390 **THAILAND Radio Thailand**, 03/29, 1820. Thai. Two nice Thai songs, talk by man. 45444. (Roe-UK)
- 9400 **MADAGASCAR African Pathways Radio** May 19 at 0427, MWV at S9+25 with 'this day in history' excuse for a Bible lesson, ID as "African Pathways Radio on 94-80 at 4 am UTC (Hauser-OK)
- 9420 **GREECE Helleniki Radiophonia** Avlis, 0038-0045, 5-11-16. Greek instrumentals followed by woman ancr. , into lively vocals. Woman host with presumed intros to musical selections. S10444(Cichorek-NJ)
- 9420 **GREECE Radio Greece** May 16, 2133 GMT, folk music followed by female announcer and folk music SINPO 44334 (Davis-OH)
- 9450 **GERMANY Radio.Athmeeya Yatra**, Nauen.0046-0048, 5-11-16. ID heard "Athmeeya Yatra"at 0047. Woman in listed Khariya language.w/ talk. Very noisy, fair signal.(Cichorek-NJ)
- 9460 **TURKEY Voice of Turkey** Emirler, 04/15, 1830. Turkish. EZL Turkish music with woman announcer. 55444. (Roe-UK)
- 9475 **UNITED STATES WTWW** Lebanon, TN 1846-1900 dramatized account of Arnold's ill-fated 1775 expedition through the northern Maine wilderness to try to capture Quebec; at 1900 "stay tuned for Pastor Pete Peters"; poor-fair 4/17 (Prodan-ME)
- 9480 **MADAGASCAR Madagascar World Voice** 4/28 0413 EG sermon, Afr Pathways ID, addr, URL, hymns, good (SP-WI)
- 9500 **ROMANIA Radio Romania Int** Galbeni, 05/07, 1950. Romanian. Romanian modern pop songs. 55555. (Roe-UK)
- 9510 **EAST GERMANY Athmeeya Yatra** via Nauen, 4/19 0006 tlk, instl, URL, ID, addr in W. Bengal 0030 s/off. (SP-WI)
- 9570 **ALBANIA Radio China** May3, 0035 GMT, English broadcast from Albanian transmitter, story on South African artist Buta Lavi. SINPO 55445 (Davis-OH)
- 9575 **MOROCCO Medi 1** Nador, 04/21, 2025. French. Cuban and LAM songs and the a French version of "I Will Survive. 35433. (Roe-UK)
- 9575 **MOROCCO Medi 1** Nador, 04/09, 2130. French. Pgm: "Goldies" with 2 Abba songs. 45444. (Roe-UK)
- 9575 **MOROCCO Medi 1** Nador, 05/01, 2115. French. "Jazz Session" with Jawad playing Mellow jazz tunes. Quite noisy conditions this evening. 45333. (Roe-UK)
- 9575 **MOROCCO Radio Medi Un** Nador, 0351-0355. Slow Moroccan vocal music with local stringed instruments. Weak to moderate signal with some fading. 5/6/2016 (Evans - TN)
- 9580 **AUSTRALIA Radio Australia** May1, 1005 GMT, ABC news and sports news followed by weather in Adelaide and Brisbane, SINPO 55555 (Davis-OH)
- 9600 **CHINA China Radio Int** Kashi, 04/29, 2005. English. New program "Alight on Literature". Part 15 of a Book reading serialisation from "A Floating Life" by Simon Elegant.. 55444. (Roe-UK)
- 9600 **SUDAN SOUTH [non] Radio Tamazui** May 19 at 0426, "HOA" music at S9: it's Radio. Tamazui, 0330-0430, 250 kW, 134 degrees from Issoudun, FRANCE. Yes, neither Sudan is really in the Horn of Africa, but Sudanese music is much like it to our ears (Hauser-OK)
- 9620 **INDIA All India Radio** Aligarh, 05/01, 1905. Arabic. Vintage film songs. 45444. (Roe-UK)
- 9625 **AUSTRIA V of Vietnam** Moosbrunn, 05/01, 1700. English. Sunday Show: Ceramics. 55555. (Roe-UK)
- 9650 **GUINEA Radio Guinee** Conakry, 04/16, 0110. French. Lots of African music, with talk by man. Very weak, but audible, here (and heard with better signal via Twente webSDR where definate ID heard). 25332. (Roe-UK)

- 9665 **IRAN VOIRI/IRIB** Sirjan, 05/11, 1923. English. News at 1930, then a talk about US Air base at Kadena in Okinawa, Japan and environmental contamination being caused by the base. Frequent audio drop outs throughout transmission. 45444. (Roe-UK)
- 9665 **BRAZIL Radio Voz Missionaria** May 3, 0032GMT, Portuguese program, sounds like a Bible belt preacher in Portuguese with background music. SINPO 33232 (Davis-OH)
- 9680 **ZAMBIA VOH** Fri May 20 at 0553, VOH Africa is back on with a carrier detectable, music? After two days of power outages. Remember that on Sat & Sun there is not supposed to be a morning broadcast on 9680, but instead at 12-17 UT. The China Radio War is finished at 1400, (Hauser-OK)
- 9700 **NEW ZEALAND Radio New Zealand** May1, 1015 GMT, news male announcer, SINPO 44333 (Davis-OH)
- 9710 **VATICAN NHK Radio Japan** Santa Maria di Galeria 04/14, 1945. English. via Vatican. Magic of Japanese Masterpieces (heard on 3rd Thursday of the Month). 55444. (Roe-UK)
- 9710 **VATICAN NHK Radio Japan** Santa Maria di Galeria, 04/30, 1945. English. Part two of short story entitled "Section Chief Shimizu's Double Lines". 35333. (Roe-UK) 05/07, 1938. English. Japan Hit Tunes with some rather frenetic songs by Radio Fish ("Perfect Human") and Perfume: ("Flash"), and other similar songs. 45444. (Roe-UK)
- 9720 **SRI LANKA Sri Lanka BC** Trincomalee, 1156-1200. Hindi style vocal music. Time pips (2+1) on the hour (a few seconds off). Brief announcement by a man (Tamil scheduled), then more music. Very weak, threshold level signal. 4/17/2016 (Evans - TN)
- 9730 **ROMANIA Radio Romania Int** Tiganesti, 04/30, 0315. English. Green Planet (about wind power) and Truly Romanian (with three religious songs by woman). 55444. (Roe-UK)
- 9730 **ROMANIA Radio Romania** May 3, 0027 GMT, English program, nature talk on birds, weather and flowers. SINPO 44333 (Davis-OH)
- 9750 **JAPAN NHK World Radio Japan** 5/9, 1130. J-Pop, giggly M and W program hosts. Good on Grundig portable and shortwire. (Barton-AZ)
- 9760 **ROMANIA Radio Romania International** Galbeni, 2246-2256* Apr 24, man and woman announcer hosting Listeners Letterbox program. Closing announcements at 2255 followed by IS before carrier terminated. Good signal with moderate fading. (D'Angelo-PA)
- 9780 **CHINA PBS Qinghai** Xining (presumed), 1208-1210. Talk in Chinese by a woman. Very weak, threshold level signal, with fading. Audio heard occasionally on peaks. 4/14/2016 (Evans - TN)
- 9830 **TURKEY V of Turkey** Emirler, 05/01, 2210. English. Hues and Colors of Anatolia followed by Turkey's Cultural Treasures. 55555. (Roe-UK)
- 9870 **SAUDI ARABIA Broadcasting Service of the Kingdom of Saudi Arabia** Riyadh, 2256-2300* Apr 24, vocal selection until 2300 news in Arabic language by a man announcer but the carrier was quickly terminated. Fair to good. (D'Angelo-PA)
- 9925 **GERMANY The Mighty KBC** May1, 0214 -0218 GMT, ID at 0214 and 0218. Rock music, English language, SINPO 44434, sent MP3 file to station and received QSL card. This is a new frequency for KBC. (Davis-OH)
- 9935 **GREECE Helliniki Radiophonia** Alvis, 2328-2341, 5-18-16. two women in Greek followed by beautiful vocals, more talk by women. SIO444(Cichorek-NJ)
- 9965 **EGYPT Radio Cairo** May 19 at 0423, Radio. Cairo, S9+ with Qur'an, lite whine. No Breaking News about the missing plane here. (Hauser-OK)
- 11580 **UNITED STATES Radio Slovakia Int** Okeechobee, 04/16, 0030. English. News, Report on International Roma Day. 45444. (Roe-UK)
- 11600 **BULGARIA Denge Kurdistan** Sofia, 04/22, 1455. Kurdish. Great Kurdish rock music; ID, then talk by man. 35333. (Roe-UK)
- 11615 **MADAGASCAR Madagascar World Voice** 04/18, 2100. Chinese. IS & sign-on by OM in Chinese and web address easily recognizable. Rock song sung in English. 45343. (Roe-UK)
- 11615 **MADAGASCAR World Christian broadcast** May16, 2140 GMT, Chinese discussion. While transmitter is supposed to be in Madagascar signal was too strong and steady, so I suspect a North American transmitter. SINPO 44444 (Davis-OH)
- 11635 **TAIWAN Radio Taiwan International** Paochung, 2232-2336 Apr 18, man announcer with talk in Chinese language followed by music at 2258, 5+1 time pips at 2300 an a man and woman with the news. Poor to fair with somewhat muffled audio. Fading and almost gone by tune out. (D'Angelo-PA)
- 11651 **SUDAN Radio Dabanga** May 19 at 0444, weak carriers peaking here causing double heterodynes to Radio. Dabanga via VATICAN on about 11649.96 which itself is barely audible with some Arabish modulation. ods (Hauser-OK)
- 11670 **INDIA AIR** Bangalore, 2155-2207. Upbeat Hindi vocal music. ID and program announcements in English by a woman at 2159 followed by news headlines by a man. Moderate signal strength with minor fading. 5/5/2016 (Evans - TN)
- 11695 **SRI LANKA Voice of America** Iranawila, 1354-1357. Talk in Cambodian by a woman. Weak but steady signal. 4/24/2016 (Evans - TN)
- 11700 **BULGARIA Radio Biafra** Sofia, 04/21, 1903. English. Long African song and male talk. Then man in studio trying to interview another on the phone, but having trouble hearing the interviewee. Audio very muffled so hard to understand anything. 33333. (Roe-UK)

- 11700 **BULGARIA Radio Biafra** Kostinbrod, 05/02, 2020. English. Male presenter taking phone calls - though calls kept being cut-off and presenter often could not hear the callers properly.. 45444. (Roe-UK)
- 11710 **ARGENTINA Radio Argentina al Exterior** General Pancho, 04/30, 0340. English. Man and woman presenting some songs in EE. 25332. (Roe-UK)
- 11730 **BELARUS Radio Belarus** Minsk, 03/22, 2000. English. News, Welcome to Belarus (tourist feature) and World of Nature. 45444. (Roe-UK)
- 11730 **CLANDESTINE (South Sudan) Eye Radio** Issoudun (?), 0406-0440 fade out, man announcer with news in Arabic language. Decent signal but fading made reception shaky however, signal beginning to fade out and was almost completely gone by tune out. (D'Angelo-PA)
- 11740 **VATICAN Vatican Radio** Santa Maria di Galeria, 05/01, 0915. --. Oriental Liturgy for Orthodox Easter, from the Chapel of the Annunciation of Palazzo Pio. 55333. (Roe-UK)
- 11750 **SRI LANKA SLBC** Trincomalee, 04/16, 1630. Sinhala. Gentle Easy Listening Sri Lankan music, with announcements by man, and later talk between woman co-host and a man.. 45444. (Roe-UK)
- 11760 **CUBA Radio Havana Cuba** Bauta, 04/16, 0015. Spanish. Talk by man and woman with taped location rpts. 55444. (Roe-UK)
- 11760 **CUBA Radio Havana Cuba** Bauta, 05/05, 2310. Spanish. Cuban ballads w/YL vocalists. 55444. (Roe-UK)
- 11780 **BRAZIL Radio Nationale da Brasilia**, May 3, 0045 GMT, Portuguese folk songs. Male announcer and ID at 0048. SINPO 45434 (Davis-OH)
- 11805 **NORTHERN MARIANAS Radio Free Asia** Tinian, 1343-1345. Talk in Burmese by a man. Weak signal with minor fading. 4/24/2016 (Evans - TN)
- 11810 **KOREA, SOUTH KBS World Radio** Kimjae, 05/05, 2250. English. "Korea, Today & Tomorrow" Talk about similarities between North Korean and South Korean children. 35443. (Roe-UK)
- 11820 **SAUDI ARABIA Radio Saudi** May 16, 2153 GMT Man talking in Arabic language. Used LSB filter to clean up signal as there was slop from 11825 Brother Stair's broadcast. (Davis-OH)
- 11830 **CUBA Radio Habana Cuba** & 11850, May 20 at 0120, JBA carriers, S3 and S2 respectively vs noise level, evidently emanating as parasites from 11840 Radio Habana Cuba Spanish which is S9+20. On each of them I strain to detect traces of // programming to the fundamental on another receiver into the other ear, and believe I barely can do so (Hauser-OK)
- 11860 **SAUDI ARABIA Yemen Radio** Riyadh, 04/23, 1420. Arabic. Arabic music. 45444. (Roe-UK)
- 11875 **CHINA China Radio Int** Urumqi, 05/01, 1640. Russian. Modern Chinese music with a male and a female co-presenters. 55555. (Roe-UK)
- 11945 **SAUDI ARABIA Radio Saudi Arabia**, May 16, 2153 GMT man singing with folk accompaniment SINPO 44334 (Davis-OH)
- 11985 **MADAGASCAR NHK Radio World Japan** May 8, 2044 - 2057 GMT, French discussion on mail from listeners. ID at 2049, man and woman having discussion in French, music female singer, SINPO 45555 (Davis-OH)
- 12035 **THAILAND Voice of America Deewa Radio** Udon Thani, 1401-1403. Talk in Pashto by a man and a woman, probably news. Weak signal with minor fading. 4/24/2016 (Evans - TN)
- 12060 **FRANCE Radio Télévision Algerienne** Issoudun, 2007-2039 May 8, woman announcer with news in the French language. Apparently, slipped back into Arabic language program around 2015 with a man announcer speaking before recitation commenced. Fair. (D'Angelo-PA)
- 12065 **AUSTRALIA Radio Australia** Shepparton, 05/11, 1815. English. Life Matters - discussing parent/child relationships. 45444. (Roe-UK)
- 12085 **AUSTRALIA Radio Australia** 5/8, 1500, News by M to W introducing "Sunday Night". Fair / Good and somewhat choppy signal. 9580 Missing at 1130 and on subsequent rechecks all morning. (Barton-AZ)
- 12120 **GUAM KTWB Trans World Radio** Agana, 04/30, 1530. English. Sign-on with full ID. Talk with Michelle a Major in the Salvation Army about a programme called Pathway of Hope. Followed by talk about the story of Mordecai and Haman around from Ch 6 of Esther.. 35433. (Roe-UK)
- 12160 **UZBEKISTAN Trans World Radio** Tashkent, 04/23, 1410. Hindi/English. Male talk in English with phrase-by-phrase translation into Hindi, including a great definition of "Persistence": "Persistence is like wrestling a gorilla - you do not quit when you get tired.". 35343. (Roe-UK)
- 13580 **BANGLADESH Bangladesh Betar** Dhaka, 03/29, 1830. English. Talk by man, two folk songs then Western pop. 25332. (Roe-UK)
- 13580 **BANGLADESH Bangladesh Betar** Dhaka, 05/10, 1820. English. Radio Newsreel; followed by 2 local folk songs and then a selection of International tracks. 45434. (Roe-UK)
- 13585 **UAE KBS World Radio** Al-Dhabbaya, 2022-2028. Talk in Arabic by a man and a woman. Weak signal with some fading in heavy noise. 5/6/2016 (Evans - TN)
- 13710 **MADAGASCAR Madagascar World Voice** Mahajanga, 2037-2041. Talk Arabic by a man with a few comments by a second man. Good signal with minor fading. 4/18/2016 (Evans - TN)
- 13725 **FRANCE Radio France Int** Issoudun, 05/01, 0645. English. Talk about campaign against FGM in Gambia, the campaign to continue next in places like Sierra Leone, Nigeria.. 25332. (Roe-UK)

- 13760 **CHINA China Radio Int** Kashi, 05/01, 1602. English. New program on CRI: Chinese Theatre with a feature about Kashgar. 54554. (Roe-UK)
- 13765 **VATICAN Radio Vaticana** Santa Maria di Galeria, 05/01, 0635. English. Reading from John; Sunday Reflection.. 45333. (Roe-UK)
- 13790 **ROMANIA Radio Romania Int** Tiganesti, 05/07, 1100. English. Two editions of RRI Encyclopedia, Truly Romanian (Folk Music) and DX Mailbag. 55444. (Roe-UK)
- 13820 **FRANCE Radio Algerienne** via Issoudun, 4/26 1923 Qur'an, annmts, pops, 1948 FR nx, anmt, sked, chorus to 1958* Good (SP-WI)
- 15090 **KUWAIT Radio Azadi** Umm Al-Rimam, 1337-1341. Talk in Pashto by a woman and a man. Weak signal with minor fading. 4/24/2016 (Evans - TN)
- 15105 **PRIEDNESTROVIE TWR** via Grigoriopol, 5/3 1645 to 1700* Somali sermon, music breaks, talks, handbell IS, We've a Story to Tell the Nations. (SP-WI)
- 15105 **ASCENSION ISLAND BBC** Ascension Island, 05/07, 1930. Haussa. . 25332. (Roe-UK)
- 15105 **BANGLADESH Radio Bangladesh Betar** Dhakah, 1229-1235. IS followed by announcements and talk in English at 1230. Extremely weak, threshold level signal, too weak to determine program content. 4/17/2016 (Evans - TN)
- 15120 **NIGERIA V of Nigeria** Abuja, 04/29, 1900. English. Theatre on the Air: Story about protests and rioting set in an IDP (displaced persons) camp. DRM: 24dB. (Roe-UK)
- 15140 **CUBA Radio Havana Cuba** Bauta, 04/24, 1910. English. Dxers Unlimited, Weekend Mailbag and World of Stamps and a couple of Cuban songs. 45433. (Roe-UK)
- 15140 **OMAN Radio Sultanate of Oman** 2147 GMT Arabic male announcer followed by Arabic music. SINPO 44333 (Davis-OH)
- 15245 **FRANCE Vo Assenna** via Issoudun, 5/5, 1733-1758* woman talk in Tigrinya, annmts, East Afr vocals to s/off (SP-WI)
- 15255 **GUAM Adventist World Radio** Agat, 1322-1326. Talk in Bangla by a man. Moderate signal strength with some fading. KSD-AWR. 4/24/2016 (Evans - TN)
- 15260 **ENGLAND IBRA** via Woofferton, 5/5, 1800-1830* AR vocals, sermon, 1827 bell sound efx, anmt to s/off (SP-WI)
- 15360 **ENGLAND KBS** via Woofferton, 5/5, 1830-1900* RS woman talk, KR instl breaks, KR language lesson, another pgm, theme mx & annmts to s/off (SP-WI)
- 15450 **TURKEY V of Turkey** Emirler, 04/30, 1230. English. News; Letterbox; Talk about Social Policies in Turkey, then a music selection. 45434. (Roe-UK)
- 15575 **AUSTRALIA Reach Beyond Australia** Kununurra, 05/01, 1147. Rawang. Religious rock song then long talk by man. 35333. (Roe-UK)
- 15575 **SOUTH KOREA KBS world radio**, 1258-1300, 5-15-16, interval signal heard then man into presumed ID and news. very weak. (Cichorek-NJ)
- 15580 **BOTSWANA Voice of America** 1922-1926 promo for weekly Voice of America roundup of news, then report that country star Kenny Rogers will be retiring after his tour starting in May; poor+ 4/17 (Prodan-ME)
- 15590 **THAILAND Radio Thailand** Udorn, 0003-0022 May 9, tuned in to usual English language newscast hosted by a man and woman announcing team. Plenty of IDs, ads, public service announcements, etc. Poor to fair signal with deep fades. (D'Angelo-PA)
- 15595 **VATICAN Vatican Radio** Santa Maria di Galeria, 05/01, 0930. Ge'ez. HoA music with announcement by man in Ge'ez (Ge'ez is an Ethiopian language, and this program is heard on first Sunday of Month only). 55555. (Roe-UK)
- 15720 **NEW ZEALAND RNZI** 5/10, 0355. Program promos to ID at ToH and current events. VG. (Barton-AZ)
- 15770 **UNITED STATES Radio Northern Ireland** Okechobee, 04/09, 2100. English. Song: Songs including "Boys are back in Town". Deep and prolonged fades later. 45433. (Roe-UK)
- 15770 **UNITED STATES Radio Northern Ireland** Okechobee, 04/30, 2100. English. Extract from Jordan's interview with CBC station, then a Pink Floyd track. 55434. (Roe-UK)
- 17490 **CHINA China Radio Int** Kashi, 04/17, 1105. English. Heartbeat (including a short feature about illegal radio broadcasts in China) followed by Horizons. 45444. (Roe-UK)
- 17720 **UAE Deutsche Welle** Al-Dhabbaya, 1404-1406. Talk in Pashto by a man. Frequent mention of Taliban. Weak to moderate signal with some fading. 4/24/2016 (Evans - TN)
- 17830 **SOUTH AFRICA BBC WS** Meyerton, 05/02, 0708. English. Newsday with various news reports.. 35333. (Roe-UK)
- 17840 **AUSTRALIA Radio Australia** 5/8, 2110. Current events report on Australian elections. Good on Drake R8 and outdoor Slinky. (Barton-AZ)
- 17865 **CHINA China Radio Int** Kashi, 05/02, 0735. French. Music program of modern Chinese pop/ballads - several songs presented by YL. 55444. (Roe-UK)
- 17895 **INDIA All India Radio** Bengaluru, 04/30, 1005. English. Commentary on Russia's interests in Pakistan's Taliban talks, followed by Music Box (a selection of film songs). 35433. (Roe-UK) 

On the Shortwaves

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< www.ontheshortwaves.com > Update, May 1, 2016 -- Last time we posted an index to the Media Network Vintage Vault. Now, under "Specialized Resources, we have posted another tool for getting the most out of the Vintage Vault. "An Index to the Station Recordings of Richard Ginbey" catalogs the recordings which the South African DXer provided to Media Network, to which he was a regular contributor. These are mainly from the 1980s, and most are recordings of African stations. Richard was a broadcast professional, and his knowledge of radio's history on the continent, together with his proximity to the stations, produced some very interesting recordings. From the mid-1960s to the early 1970s Richard also hosted a DX program, Radio Safari, first over Radio Portugal, then over Radio RSA. He contributed a number of articles to *How to Listen to the World* (1965-66, 1966-67, 1969-70 eds.), and in the mid-1970s he edited the WRTH *World Radio Bulletin* newsletter. Richard died in 1991; you can hear the Media Network program where Jonathan Marks announced the bad news. -- Also under "Specialized Resources," there are two new entries from Dr. Adrian M. Peterson: "The End of an Era: KDKA on Shortwave-5" (Wavescan N373, April 17, 2016), and "Focus on the South Pacific: The Radio Scene in the Cook Islands-3--The Early Years" (Wavescan N374, April 24, 2016). -- And one more thing under "Specialized Resources": we have updated the Active-Inactive SWBC Countries List. The new version, v. 2016.1, dated April 25, 2016, has two main changes: Belarus is now shown as inactive, and Guinea as active. (Chad continues to be shown as inactive, pending confirmation of recent reports of its reactivation.) For all the changes, and links to past versions of the list, see page 38 of the list. Note that inactive countries are now shaded, and country status changes in the most recent list (Belarus and Guinea) are now shown in yellow. The total active-inactive tabulation remains the same: 117 active countries (plus 3 "pirate only"), 146 inactive, all per the NASWA country-counting rules.

< www.ontheshortwaves.com > Update, May 8, 2016 -- Bob LaRose has sent along a very nice promotional brochure for Radio Liberty, the American-run station based in Germany and beaming to the Soviet Union. We have posted it under "DX History/Stations": zoom in to read the details. Accompanying it is a file of "RL" QSLs, located in The CPRV Gallery (look under "Germany"). The station was called Radio Liberation when it was founded in 1953, but the name was changed to Radio Liberty in 1959. It was combined administratively with Radio Free Europe in 1975. Radio Liberty was one of the stations that Mikhail Gorbachev said he listened to when he was being held captive during the Soviet coup attempt of 1991. -- And under "Specialized Resources" we have posted two new "Wavescan" stories from Adrian Peterson: "Australian Shortwave Callsign VLI - Part 1" (Wavescan N375, May 1, 2016), and "The story of a mediumwave radio station that was built so that it could be deliberately destroyed" (Wavescan N375, May 1, 2016). This second story is about KO2XDN, which was set up at a nuclear site in Nevada in 1955 to test the impact of an atomic explosion. With Adrian's story is a link to the station's test announcement (which is included in Adrian's broadcast), and also a link to a KO2XDN QSL.

< www.ontheshortwaves.com > Update, May 15, 2016 -- Colin Miller, VE3CMT, has sent along an interesting story from the pages of the SABC Radio Bulletin of April 3, 1961. It tells the story of an early South African shortwave transmitter atop Broadcast House in Johannesburg. It was set up during World War II to serve as an emergency backup for the wired studio-transmitter link. It was operational from 1940 to 1955, and it operated on 68 metres, which is probably the transmitter shown in the WRTH for 1947 and a couple of subsequent years on 4373 kHz., 68.60 meters, 200 watts. (The article says 400 watts; and FBIS for August 1, 1945 shows a South African transmitter inactive on 4381 kHz.) You can find the story under "DX History/Stations." Thanks, Colin. -- And under "Specialized Resources," look under "Wavescan" for "The Radio Scene on the Largest Tropical Island in the Caribbean: The Cuba Story, Part 1" (Wavescan N376, May 8, 2016).

< www.ontheshortwaves.com > Update, May 22, 2016 -- In "our day" we knew it as the General Overseas Service, or the World Service, but when the BBC regularized its international shortwave broadcasting efforts in 1932, five years after the start of G5SW, it was known as the Empire Service. All programming was in English; foreign-language programs would not follow until 1938 (Arabic, Spanish, Portuguese). Under "DX History/Stations" we have posted a booklet titled "The Empire Service," published by the BBC in 1935. It contains historical, program and technical information about the service at that time. We have also posted an Empire Service time and frequency schedule from December 1935.

North American Shortwave Association
45 Wildflower Road
Levittown, Pennsylvania, 19057

ISSN 0160-1989

NASA

The Journal of the
North American Shortwave Association

Executive Director: Richard D'Angelo, 2216 Burkey
Dr., Wyomissing, PA, 19610

Publisher/Business Manager: Bill Oliver, 45 Wild-
flower Rd, Levittown, PA, 19057

Executive Council: Jerry Berg, Ralph Brandl,
Richard Cuff, Rich D'Angelo, John Figliozzi, Bill
Oliver

EDITORIAL STAFF:

Manuscs: Jerry Lineback, P.O. Box 1220, Grantham,
NH 03959-1220

Desktop Publishing/Graphics: Ralph Brandl, 128
Greenoak Blvd, Middletown, NJ 07748

Easy Listening: Richard Cuff, 42 North 37th St.
Allentown, PA 18104

Shortwave Center: John Figliozzi, 45 Algonquin Rd.,
Clifton Park, NY 12065

Listening Review: Alan Roe, 33 Albana Rd.,
Tochtington, TN117 9FA, United Kingdom

Adrian Peterson's Diary: Adrian Peterson, Box
282235, Indianapolis, IN 46229

NASWA Awards: Gary Neal, PO Box 1, Cockeyesville,
MD 21109

Listeners Notebook: Rich D'Angelo, 2216 Burkey
Dr., Wyomissing, PA, 19610

Pirate Radio Report: George Zeller, 3492 W. 123rd
St, Cleveland, OH 44111

OSL Report: Sam Barro, 78 Blakeman Rd, Thomas-
ton, CT 06787

Scoreboard: Gary Neal, PO Box 1, Cockeyesville,
MD 21109

Kim's Column: Dr. Kim Elliot, 5001 North
25th St, Arlington, VA 22207

Tropical Band Loggings: Scott Barbour, Jr., PO
Box 893, Intervale, NH 03845

International Band Loggings: Dave Turnick, 317
Spohn Rd, Sinking Spring, PA 19608

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