

# The **NASA** Journal

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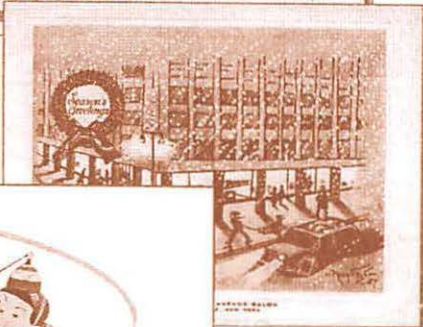
*Merry Christmas and Happy New Year  
To all our partners in goodwill*  
THE INTERNATIONAL GOODWILL STATION

*En Blijde Kerstmis en een Gelukkig Nieuwjaars  
dan al onze vrienden en medewerkers*  
DE VRIENDSCHAPSRODE

*Joyeux Noël et Heureuse Année  
& tout nos amis et collaborateurs*  
LA VOIX DE LA SECOURS



**RADIODIFUSORAS**  
"LA VOZ DE SAQUISILI Y LIBERTADOR"  
PRIMERA POTENCIA RADIAL DE COTOPAXI  
desde a Ud.  
Paz y Felicidad en Navidad,  
Dicha y Prosperidad en  
el Año Nuevo  
Arturo Alena Herrera  
GERENTE  
y Familia  
Saquisilí, Enero 1º 1985



# Quality Radio Equipment Since 1942



## GP-5/SSB



The CountyComm GP-5/SSB provides serious HF communications monitoring in a unique form factor and at a great price. The radio covers medium wave 520-1710kHz, shortwave 2300-30000 kHz and the FM band. Unlike most radios in this price category, the GP-5/SSB provides LSB and USB single sideband reception. It has a very unique Easy Tuning Mode (ETM) that scans all frequencies without taking up the memory spaces. So you get quick access to all local stations. Great for the traveller. There are also 450 regular memories (100 AM, 100 FM and 250 shortwave) available for tuning into your favorite stations. Another unique feature of the radio is its removable high sensitivity external AM ferrite antenna. This directional antenna clearly enhances AM band reception. The GP-5/SSB even 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 be used to charge the batteries (rechargeable AA batteries only). Your GP-5/SSB includes: MW bar antenna, stereo ear buds, soft case, wire antenna and manual. **GP-5/SSB Order #0905 \$79.95**

## GRUNDIG

### G8 TRAVELER II



The Grundig G8 Traveler II covers longwave, AM, Fm and shortwave: 3190-3450, 3850-4050, 4700-5100, 5700-6300, 7080-7600, 9200-10000, 11450-12200, 13500-13900, 15000-15900, 17450-17900, 18850-19100 and 21430-21950 kHz. The G8 has an analog circuit with digital display. The 24 hour clock with alarm wakes you to buzzer or radio. Other features include: key lock, backlit display, fast/slow tuning, longwave disable, DST adjust and 9/10 kHz AM step. The memory system may be filled manually or automatically (ATS). The capacity is: 100 FM, 100 AM, 100 longwave and 200 shortwave frequencies. There is a built in ferrite bar antenna for longwave and medium and a telescopic whip for FM and shortwave. This radio employs DSP-Digital Signal Processing to improve reception. Requires three AA cells (not included). With: carry pouch, stereo ear buds and manual. Only 6.625 x 4.125 x 1.125" 12.2 oz. Regularly \$59.95. **Close-Out. G8 Traveler II Order #0888 \$34.98**

## GRUNDIG G2



The Grundig G2 Reporter has a unique slender design with dual stereo speakers. It receives AM, FM, FM stereo and continuous shortwave from 2.3 to 23 MHz. The huge 248 channel memory system has memory scan and auto tuning storage. There is a built in MP3/WAV recorder with 4 GB memory and built-in mic. So you can record off-the-air, via line input or via mic. There is a mini USB 2.0 jack. Features include: micro-SD card port, keypad entry, clock time, lock and backlit LCD with tuning strength indicator. The built-in rechargeable lithium battery charges through the mini USB port. 7.5 x 3.5 x 0.8" 9.6 oz. **Close-Out. G2 Reporter Order #5002 \$54.98**

### DISCONTINUED ACCESSORIES

Looking for an older accessory? Our website contains an archive of discontinued models — many with still available optional accessories. [www.universal-radio.com](http://www.universal-radio.com)



### HUGE FREE 2015 RADIO CATALOG

The new 2015 Universal Catalog is 132 pages and free on request. So call or email us today to request your copy!



### SHORTWAVE RECEIVERS PAST & PRESENT 1942-2013

By Fred Osterman. A comprehensive guide to over 1700 shortwave, amateur and commercial communications receivers (plus 1200 variants) made in the last 70 years. With 1800 photos and information including: coverage, circuit type, display, features, performance, new & used values (for most), reviews, etc. Over 360 domestic and international manufacturers are represented. Become an instant receiver expert. Hard bound Fourth Edition. ©2014 Universal Radio Research. 800 p. Available for shipment worldwide. Makes a great holiday gift! **Order #1004 \$49.95**



### WORLD RADIO TV HANDBOOK 2015

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. 2014 69th Edition. List price \$34.95. Order #6015 \$29.95**



### 2015 SHORTWAVE FREQUENCY GUIDE

By J. Klingenfuss. This guide has the latest shortwave broadcast schedules and includes abbreviated entries from *Guide to Utility Stations 2015-16*. So you get double coverage of broadcast and utility stations in one up-to-date book! 19th Edition ©December 2014. Over 300 p. [CD version also available]. **Order #1344 \$49.95**



### 2015/2016 GUIDE TO UTILITY STATIONS

By J. Klingenfuss. The world's biggest and best guide to non-broadcast stations in the range of 0 - 30 MHz. Aero, maritime, military, diplomatic, time stations and more. Covers SSB, CW, AM and exhaustive RTTY. Thousands of changes since last edition. Recommended. 28th Edition ©December 2014. **Order #6355 \$59.95**

## ApexRadio MW115

The Apex Radio MW115 is a very compact portable active receive antenna for 500 kHz to 30 MHz. Output to the receiver is a BNC jack. Supplied with a 39" BNC to BNC cable. Operates from two AAA batteries (not included). 2.75 x 4.6 x 0.8" 6 oz. **MW115 Order #6353 \$9.95**



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
Happy 2015! Naturally, I hope all our members enjoyed the holiday season and managed to get some quality DX time in behind the dials. If your New Year's resolution was to help keep our staff of editors busy this year with your contributions, I hope you are off to a good start with January and will continue through the rest of the year.

**Richard Cuff & John Figliozzi**, co-Festmeisters, have announced that the 28th (!) Annual Winter SWL Festival will be held Friday and Saturday, February 27th - 28th, 2015 at the Doubletree Guest Suites hotel in Plymouth Meeting, PA. The registration form should appear in this issue of The Journal. Discounted FEST registration is \$80 including the Saturday night banquet, \$35 without the banquet, for registrations postmarked by January 31st, 2015. The Doubletree is offering a discounted \$104 room rate, including breakfast, for reservations received by January 29th. The forum list is taking shape already, and the FESTmeisters will have more information over the next few weeks once speakers are confirmed. Now is a good time to begin making plans to attend the Winter SWL Festival. Watch the pages of The Journal for more details as the event gets closer. I look forward to seeing you there on the 27th and 28th of February!

Our Awards Manager, **Gary R. Neal**, informs us that **John T. Arthur**, AC2NZ of Belfast, NY has started the New Year off right by qualifying for the International DX Listener award with the a 100 country endorsement to the award. Congratulations to JTA on this fine accomplishment. By the way, John is one of the longest member in NASWA having been on the Executive Council prior to the club becoming all shortwave broadcast back in August 1966. Anyone else out there that was a member prior to August 1966? Please let us know ... thanks!

**Ralph Perry** has come across some interesting vintage QSLs that he would like to offer to club members that would like to own a few with proceeds going to the club. These are great QSLs from the 1960s-1980s and represent the best in recent SWBC history. For a limited time only, NASWA will be assembling wonderful grab-bag lots, each containing one dozen old QSLs, and make them available to NASWA members for only \$10 per lot! Yes, that's less than a dollar each for some great old QSLs from the glory days of SWBC QSLing! Each grab bag lot will be carefully put together and provide a range of countries and formats. No limit - order as many grab bag lots as you'd like! But first come, first served. Remember, each time you buy a lot, you will also be helping NASWA's finances, while obtaining some great old SWBC radio artifacts. Send your check to NASWA, c/o Bill Oliver, 45 Wildflower Road, Levittown, PA 19057 and mention it is for the QSL Grab Bag. Bill will notify Ralph Perry who will do the mailing. Thanks Ralph!

**Gayle Van Horn** W4GVH of CEO Teak Publishing has released with Winter 2014-2015 edition of the *International Shortwave Broadcast Guide*. The International Shortwave Broadcast Guide (Winter 2014-2015 edition) is that all important information resource you need to tap into the worldwide shortwave broadcast radio spectrum. It is a 24-hour station/frequency guide to "all" the known stations currently broadcasting on shortwave radio at time of publication. The International Shortwave Broadcast Guide (Winter 2014-2015 edition) is now available for purchase worldwide from Amazon.com at <http://www.amazon.com/dp/B00QU8LC6M>. The price for this latest edition is still US\$4.99.

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

# Listening Review

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

Happy New Year to everyone! This month I have a list of music programs broadcast in English language transmissions on shortwave. Please note that the programs of Global 24 vary considerably from week to week – the programs below are taken

from the G24 schedule as on 17 December. I think that all transmitter site abbreviations are obvious, but please e-mail me if you would a list of the abbreviations used. Comments are welcome – and do write about what you like to listen to.

## List of selected music programs in English on shortwave – B14 broadcast period

0000-0600

0000-0030	su	WWCR	Talking Machine Show	9350
0000-0100	su	Mighty KBC	The Giant Jukebox	7375-nn (alt 9925-nn)
0000-0100	we	WWCR	Last Radio Playing (Blues)	9350
0005-0030	su	China R Int	Global Chinese Music	6020-al 6075 6180 7350 7415 9570-al 11790 11885 13750 15125
0030-0100	tu, sa	Global 24	Blues Radio International	9395-ok
0100-0200	su	Mighty KBC	The Giant Jukebox	7375-nn (alt 9925-nn)
0100-0200	su	PCJ R Int	Song of India	7570-ok
0100-0200	mo	WWCR	Last Radio Playing (Blues)	5070
0100-0200	tu,th	Global 24	The Rock Pile	9395-ok
0100-0200	fr,sa	Global 24	Jazz from the Left	9395-ok
0100-0200	sa	WWCR	Last Radio Playing (Blues)	4840 (sa after 1st fr)
0110-0115	su	V of Vietnam	Weekend Music	6175-wo
0120-0155	su,mo	R Romania Int	All That Jazz	6145 7325
0120-0155	we	R Romania Int	The Skylark	6145 7325
0120-0155	th	R Romania Int	Romanian Musicians	6145 7325
0120-0155	fr	R Romania Int	Romanian Hits	6145 7325
0120-0155	sa	R Romania Int	Truly Romanian	6145 7325
0200-0230	su	WWCR	Talking Machine Show	4840
0200-0230	mo	WRMI	Blues Radio International	9955
0200-0300	daily	KBS World R	K-Pop Connection	9690
0200-0300	tu,th	Global 24	The Rock Pile	9395-ok
0200-0300	fr,sa	Global 24	Jazz from the Left	9395-ok
0200-0300	sa	RNZI	Music 101	15720
0205-0230	su	China R Int	Global Chinese Music	9610 11770
0210-0257	mo	KBS World R	K-Pop Interactive	9580
0230-0300	fr	WRMI	Blues Radio International	9955
0240-0245	su	V of Vietnam	Weekend Music	6175-wo
0245-0255	su	R Tirana	Folk Traditional Music	7425
0245-0257	th	KBS World R	Sounds of Korea	9580
0245-0255	th	R Tirana	Hits Through the Years	7425
0300-0330	tu	Global 24	The Rock Pile	9395-ok
0300-0400	mo,th	Global 24	Classics & Beyond	9395-ok
0300-0400	fr,sa	Global 24	Jazz from the Left	9395-ok
0300-0400	sa	RNZI	Music 101	15720
0311-0322	su	R Taiwan Int	Original Waves	15320
0325-0340	fr	R Taiwan Int	Encore Formosa	15320
0330-0355	tu	R Taiwan Int	Soundwaves	15320
0335-0355	th	R Taiwan Int	Jade Bells & Bamboo Pipes	15320
0345-0355	su	V of Vietnam	Weekend Music	6175-wh

0400-0500	m-f	R Australia	Inside Sleeve	9660 12080 15160 15240 15300 15415 17750 17800-pw 17840
0400-0500	tu	Global 24	Blue Grass Review	9395-ok
0400-0500	fr	Global 24	The Rock Pile	9395-ok
0400-0500	sa	Global 24	The Rendez-Vous	9395-ok
0405-0430	su	China R Int	Global Chinese Music	13590 13620 15120 17730 17855
0420-0455	su,m	R Romania Int	All That Jazz	6020 7340 13730 15140
0420-0455	we	R Romania Int	The Skylark	6020 7340 13730 15140
0420-0455	th	R Romania Int	Romanian Musicians	6020 7340 13730 15140
0420-0455	fr	R Romania Int	Romanian Hits	6020 7340 13730 15140
0420-0455	sa	R Romania Int	Truly Romanian	6020 7340 13730 15140
0430-0455	we	Deutsche W.	Pulse (mx & youth culture)	7425 9600 9800 15275
0435-0450	daily	V of Turkey	Music selection	7240 9655 (varying time)
0440-0455	mo	R Havana	Top 10 Music Show (2wkly)	6000 6165
0500-0530	mo	WWCR	Talking Machine Show	4840
0510-0530	sa	NHK R Japan	Japan Hit Tunes (1st sa)	9770-wo 13640-dh
0510-0530	sa	NHK R Japan	Pop Culture (2nd sa)	9770-wo 13640-dh
0510-0530	sa	NHK R Japan	Music Journey (3rd sa)	9770-wo 13640-dh
0530-0555	we	Deutsche W.	Pulse (mx & youth culture)	7425 9600 9800 15275
0540-0555	mo	R Havana	Top 10 Music Show (2wkly)	(5040) 6000 6060 6100 6165
0600-1200				
0600-0700	daily	WWCR	World Wide Country Radio	3215
0600-0700	mo	WWCR	Inspirations Across America	4840
0600-0700	sa	RNZI	Saturday Night Nostalgia	11725
0605-0630	su	China R Int	Global Chinese Music	11750-al 11870 11895 13645 15145 15350 15430 15465 17505 17710
0640-0655	mo	R Havana	Top 10 Music Show (2wkly)	5040 6000 6060 6100 6165
0700-0800	su(v)	MV Baltic, & relays	- mostly rock/oldies	6190-nn/7265-go/9485-go
0700-0800	daily	WWCR	Inspirations Across America	3215
0700-0800	sa	RNZI	Saturday Night Nostalgia	11690/DRM 11725
0700-0800	sa	WWCR	Last Radio Playing (Blues)	3215 4840
0730-0755	we	Deutsche W.	Pulse (mx & youth culture)	9800 12005 15275 17800
0800-0900	su	MV Baltic	European Music R (3rd Sun)	6190-nn/7265-go/9485-go
0800-0900	su	MV Baltic, & relays	- mostly rock/oldies	6190-nn/7265-go/9485-go
0800-0900	th	Global 24	The Rock Pile	9395-ok
0800-0900	sa	Global 24	The Rendez-Vous	9395-ok
0800-0900	sa	RNZI	Saturday Night Nostalgia	9765
0805-0830	su	China R Int	Global Chinese Music	9415 11785-al 11895 15185 15350 15465 17490 17670
0808-0830	m-f	RNZI	Pacific Music (mo:0804-)	9765
0810-0857	su	KBS World R	K-Pop Interactive	9570
0830-0900	mo	Global 24	Blues Radio International	9395-ok
0845-0857	we	KBS World R	Sounds of Korea	9570
0900-1000	su	Mighty KBC	Trucker Radio	6095-nn
0900-1000	su	MV Baltic	European Music R (3rd Su)	6190-nn/7265-go/9485-go
0900-1000	su(v)	MV Baltic, & relays	- mostly rock/oldies	6190-nn/7265-go/9485-go
0900-1000	sa	IRRS	Radio City (sa after 3rd fr)	9510-ro [or irreg 2nd/4thfr]
0900-1000	sa	RNZI	Saturday Night Nostalgia	9765
0900-1000	sa	Mighty KBC	Coast to Coast Country	6095-nn
1000-1100	su	Mighty KBC	Trucker Radio	6095-nn
1000-1100	su	MV Baltic	European Music R (2nd Su)	6190-nn/7265-go/9485-go
1000-1100	su(v)	MV Baltic, & relays	- mostly rock/oldies	6190-nn/7265-go/9485-go
1000-1100	mo	R Australia	Into the Music	5995 6080 6150 9475 9580 9710 12065 12080

1000-1100	sa	Mighty KBC	Coast to Coast Country	6095-nn
1000-1100	sa	Global 24	The Rock Pile	9395-ok
1005-1030	su	China R Int	Global Chinese Music	5955 7215 11635 13590 13720 15190 15210 15350 17490 17690
1010-1030	sa	NHK R Japan	Japan Hit Tunes (1st sa)	9625
1010-1030	sa	NHK R Japan	Pop Culture (2nd sa)	9625
1010-1030	sa	NHK R Japan	Music Journey (3rd sa)	9625
1030-1100	su	R Australia	Rare Collections	5995 6080 6150 9475 9580 9710 12065 12080
1030-1100	th	Global 24	Blues Radio International	9395-ok
1100-1130	su	WWCR	Musical Memories	4840
1100-1130	sa	WWCR	Talking Machine Show	4840
1100-1200	su	Global 24	The Rendez-Vous	9395-ok
1100-1200	su	Mighty KBC	LA Connection – Rosko	6095-nn
1100-1200	tu	Global 24	Classics & Beyond	9395-ok
1100-1200	th	Global 24	The Happy Station Show	9395-ok
1100-1200	sa	Mighty KBC	Radio Not As We Know It	6095-nn
1100-1200	sa	Global 24	The Rock Pile	9395-ok
1105-1200	su,sa	RNZI	Hymns for Sunday Morning	13840 (sa: 1108-)
1111-1122	sa	R Taiwan Int	Original Waves	7445pw
1125-1140	th	R Taiwan Int	Encore Formosa	7445pw
1130-1200	fr	RNZI	Blue Smoke	13840
1130-1155	mo	R Taiwan Int	Soundwaves	7445pw
1135-1155	we	R Taiwan Int	Jade Bells & Bamboo Pipes	7445pw
1200-1800				
1200-1230	sa	Global 24	The Rock Pile	9395-ok
1200-1300	su	Global 24	The Rendez-Vous	9395-ok
1200-1300	su	Mighty KBC	LA Connection – Rosko	6095-nn
1200-1300	daily	KBS World R	K-Pop Connection	9570
1200-1300	sa	Mighty KBC	The Giant Jukebox	6095-nn
1200-1300	sa	R Australia	Saturday Night Country	5995 6080 6140-sn 6150 9475 9580 12065 12085
1205-1230	su	China R Int	Global Chinese Music	5955 7250 9460 9600 9645 9730 9760 11650 11690 11760 11980 12015 13665-al 13790 17490
1205-1300	sa	WWCR	World Wide Country Radio	4840
1210-1230	sa	NHK R Japan	Japan Hit Tunes (1st sa)	11740-kr
1210-1230	sa	NHK R Japan	Pop Culture (2nd sa)	11740-kr
1210-1230	sa	NHK R Japan	Music Journey (3rd sa)	11740-kr
1220-1255	sasu	R Romania Int	All That Jazz	15460 17530 17765 21520
1220-1255	tu	R Romania Int	The Skylark	15460 17530 17765 21520
1220-1255	we	R Romania Int	Romanian Musicians	15460 17530 17765 21520
1220-1255	th	R Romania Int	Romanian Hits	15460 17530 17765 21520
1220-1255	fr	R Romania Int	Truly Romanian	15460 17530 17765 21520
1230-1330	daily	KBS World R	K-Pop Connection	6095 (temp at 2300UT)
1300-1358	sa	PCJ R Int	Song of India	13720-tr
1300-1400	su	Mighty KBC	LA Connection – Rosko	6095-nn
1300-1400	mo	Global 24	Jazz from the Left	9395-ok
1300-1400	m-f	R Australia	Triple J Unearthed	5940 5995 6150 9475 9580 9965-pw 12065 12085
1300-1400	tu	Global 24	Classical Worldwide	9395-ok
1300-1400	fr	Global 24	Jazz from the Left	9395-ok
1300-1400	sa	Global 24	The Happy Station Show	9395-ok
1300-1400	sa	Mighty KBC	Golden Age of Rock n Roll	6095-nn

1300-1400	sa	R Australia	Saturday Night Country	5940 5995 6150 9475 9580 9965-pw 12065 12085
1310-1357	su	KBS World R	K-Pop Interactive	9570 15575
1330-1400	fr	RNZI	Blue Smoke	5950
1345-1357	we	KBS World R	Sounds of Korea	9570 15575
1400-1430	daily	R S. of Oman	Usually Western/EE pops	15140
1400-1430	sa	WWCR	Musical Memories	7490 15825
1400-1500	su	Mighty KBC	Rock & Roll Rewind	6095-nn
1400-1500	daily	KBS World R	K-Pop Connection	9640
1400-1500	mo	Global 24	Jazz from the Left	9395-ok
1400-1500	m-f	R Australia	Triple J Unearthed	5940 5995 9475 9580 9965- pw(1430) 12065 12085
1400-1500	fr	Global 24	Jazz from the Left	9395-ok
1400-1500	sa	Global 24	Classics & Beyond	9395-ok
1400-1500	sa	Mighty KBC	Rock & Roll Saturday	6095-nn
1400-1500	sa	R Australia	Saturday Night Country	5940 5995 9475 9580 9965- pw(1430) 12065 12085
1405-1420	daily	V of Turkey	Music selection (varying)	12035
1410-1430	sa	NHK R Japan	Japan Hit Tunes (1st sa)	11695-ta 11925-pw
1410-1430	sa	NHK R Japan	Pop Culture (2nd sa)	11695-ta 11925-pw
1410-1430	sa	NHK R Japan	Music Journey (3rd sa)	11695-ta 11925-pw
1435-1455	su	All India R	Film music	9690 11620 13710
1435-1455	fr	All India R	Memories Linger On	9690 11620 13710 (Old film mx)
1435-1455	sa	All India R	Mixed bag (music & songs)	9690 11620 13710
1500-1600	su	Global 24	Sounds from Global Village	9395-ok
1500-1600	su	Mighty KBC	Rock & Roll Rewind	6095-nn
1500-1600	su	R Australia	Into the Music	5940 5995 9475 9850 11880 (1530-) 12065(-1530) 12085
1500-1600	su	WWCR	Inspirations Across America	5935
1500-1600	m-f	R Australia	Triple J Unearthed	5940 5995 9475 9850 11880 (1530-) 12065(-1530) 12085
1500-1600	sa	Global 24	Classics & Beyond	9395-ok
1500-1600	sa	Mighty KBC	Rock & Roll Saturday	6095-nn
1500-1600	sa	R Australia	Double J	5940 5995 9475 9850 11880 (1530-) 12065(-1530) 12085
1505-1530	su	V of Nigeria	Musical Heritage	15120
1505-1600	sasu	V of America	Music Time in Africa	4930 6080 15580-bo 17895
1505-1600	m-f	V of America	Border Crossings	4930 6080 15580-bo 17895
1530-1550	fr	RNZI	Blue Smoke	5950
1530-1545	su	V of Nigeria	Making Waves	15120
1530-1600	sa	WWCR	Talking Machine Show	15825
1600-1700	m-f	R Australia	Triple J Unearthed	5940 5995 9475 9580-sn(- 1630) 9850 11880 12085
1600-1700	sa	R Australia	Double J	5940 5995 9475 9580-sn(- 1630) 9850 11880 12085
1610-1657	su	KBS World R	K-Pop Interactive	9515 9640
1611-1622	sa	R Taiwan Int	Original Waves	6180 13810-fr
1615-1625	sa	V of Vietnam	Weekend Music	7220 7280 9550 9730
1625-1640	th	R Taiwan Int	Encore Formosa	6180 13810-fr
1630-1655	mo	R Taiwan Int	Soundwaves	6180 13810-fr
1635-1655	we	R Taiwan Int	Jade Bells & Bamboo Pipes	6180 13810-fr
1645-1657	we	KBS World R	Sounds of Korea	9515 9640
1700-1800	su	Global 24	Jazz for the Asking	9395-ok
1700-1800	su	R Australia	Keys to Music (classical)	5995 6080(1730-) 9475 9580 9820

1700-1800	sa	R Australia	Double J	11880 12085(-1730) 5995 6080(1730-) 9475 9580 9820 11880 12085(-1730)
1705-1747	su	RNZI	Hymns for Sun. Morning	9700 9630/DRM
1711-1722	sa	R Taiwan Int	Original Waves	11975-fr
1725-1740	th	R Taiwan Int	Encore Formosa	11975-fr
1730-1755	mo	R Taiwan Int	Soundwaves	11975-fr
1735-1755	we	R Taiwan Int	Jade Bells & Bamboo Pipes	11975-fr
1800-2400				
1800-1830	sa	WWCR	Talking Machine Show	12160
1800-1900	su	Global 24	Classics & Beyond	9395-ok
1800-1900	su	WWCR	Inspirations Across America	12160
1805-1830	su	China R Int	Global Chinese Music	6100 7405
1805-1820	daily	V of Turkey	Music selection (varying)	11730
1810-1857	su	KBS World R	K-Pop Interactive	7275
1810-1830	sa	NHK R Japan	Japan Hit Tunes (1st sa)	11800-me
1810-1830	sa	NHK R Japan	Pop Culture (2nd sa)	11800-me
1810-1830	sa	NHK R Japan	Music Journey (3rd sa)	11800-me
1811-1822	sa	R Taiwan Int	Original Waves	3965-fr
1815-1825	sa	V of Vietnam	Weekend Music	5955-au 7280 9730
1820-1900	daily	Bangla. Betar	local mx and western mx	13580
1820-1855	sasu	R Romania Int	All That Jazz	5940/DRM 9780
1820-1855	tu	R Romania Int	The Skylark	5940/DRM 9780
1820-1855	we	R Romania Int	Romanian Musicians	5940/DRM 9780
1820-1855	th	R Romania Int	Romanian Hits	5940/DRM 9780
1820-1855	fr	R Romania Int	Truly Romanian	5940/DRM 9780
1825-1840	th	R Taiwan Int	Encore Formosa	3965-fr
1830-1900	mo	Global 24	Blues Radio International	9395-ok
1830-1855	mo	R Taiwan Int	Soundwaves	3965-fr
1835-1855	we	R Taiwan Int	Jade Bells & Bamboo Pipes	3965-fr
1845-1857	we	KBS World R	Sounds of Korea	7275
1900-1930	su	WWCR	Musical Memories	12160
1900-2000	fr	IRRS	Radio City (3rd fr)	7290-ro [or irreg 2nd/4thfr]
1900-2000	sa	WWCR	World Wide Country Radio	12160
1915-1925	sa	V of Vietnam	Weekend Music	7280 9730
1920-1930	tu	All India R	Artist of the Day	7550 9445 9950/DRM 11580 11670 11935 13695 17670
1920-1930	fr	All India R	Memories Linger On	7550 9445 9950/DRM 11580 (Old film mx) 11670 11935 13695 17670
1945-1955	daily	Int R. Serbia	Musical Heritage/Pop Flash	6100
2000-2100	sa-su	V of America	Music Time in Africa	4930-bo 4940-sa(2030-) 6080-bo 15580-bo
2000-2100	m-f	V of America	African Beat	4930 6080 15580
2000-2100	tu	Global 24	The Rendez-Vous	9395-ok
2000-2100	th	Global 24	The Mix	9395-ok
2000-2100	sa	WWCR	Last Radio Playing (Blues)	12160
2005-2020	daily	V of Turkey	Music selection (varying)	6050
2045-2055	sa	V of Vietnam	Weekend Music	7220 7280 9550 9730
2100-2200	mo	WWCR	Last Radio Playing (Blues)	9350
2100-2200	tu	Global 24	The Rendez-Vous	9395-ok
2100-2200	fr	V of America	Music Time in Africa	6080-bo 15580-bo
2105-2200	mo	V of America	VOA1 - The Soul Lounge	6080-bo 15580-bo
2105-2200	th	V of America	VOA1 - Top 20 countdown	6080-bo 15580-bo

2105-2200	su	V of America	VOA1 - Country Hits USA	6080-bo 15580-bo
2105-2200	twsa	V of America	VOA1 - The Hits	6080-bo 15580-bo
2110-2120	mo	All India R	Hindustani instrumental	7550 9445 9950/DRM 9910 11620/DRM 11670 11740
2110-2130	su	All India R	Film Songs	7550 9445 9950/DRM 9910 11620/DRM 11670 11740
2115-2125	we	R Tirana	Hits Through the Years	7465
2115-2125	sa	R Tirana	Folk Traditional Music	7465
2130-2200	mo	Global 24	Blues Radio International	9395-ok
2140-2155	tu	R Belarus	Songs of Slavonic Bazaar	6155 11730
2140-2155	we	R Belarus	Music Store	6155 11730
2200-2300	su	WBCQ	Marion's Attic	7490 15420
2200-2300	tu	Global 24	The Happy Station	9395-ok
2200-2300	fr	Global 24	Jazz for the Asking	9395-ok
2200-2300	fr	WBCQ	Behaviour Night	7490
2200-2230	sa	WWCR	Musical Memories	6115
2205-2230	su	China R Int	Global Chinese Music	5915
2205-2220	daily	V of Turkey	Music selection (varying)	9610
2210-2257	su	KBS World R	K-Pop Interactive	11810
2215-2225	daily	Int R. Serbia	Musical Heritage/Pop Flash	6100
2230-2300	th	Global 24	Blues Radio International	9395-ok
2230-2300	fr	R Australia	Oz Country Style	9660 9855-dh 9890-dh 11695 12080 13630 15240 15415 15515 17860
2245-2257	we	KBS World R	Sounds of Korea	11810
2300-2400	daily	KBS World R	K-Pop Connection	6095 (temp from 1230UT)
2300-2400	su	Global 24	The Happy Station Show	9395-ok
2300-2400	tu	WWCR	Inspirations Across America	9350
2300-2400	th	WWCR	Last Radio Playing (Blues)	9350
2300-2400	sa	Global 24	Song of India	9395-ok
2320-2355	sasu	R Romania Int	All That Jazz	6015 7220 7395 9620
2320-2355	tu	R Romania Int	The Skylark	6015 7220 7395 9620
2320-2355	we	R Romania Int	Romanian Musicians	6015 7220 7395 9620
2320-2355	th	R Romania Int	Romanian Hits	6015 7220 7395 9620
2320-2355	fr	R Romania Int	Truly Romanian	6015 7220 7395 9620
2335-2350	daily	V of Turkey	Music selection (varying)	5960
2345-2355	sa	V of Vietnam	Weekend Music	9840 12020



## NASWA Yahoo Group

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



# International Broadcasting

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## International broadcasting via 24/7 TV channel

Here in the 21<sup>st</sup> Century, some of the most prominent international broadcasting is in the form of a twenty-four hour television channel. CNN International might be thought of as the archetypal international TV channel. These channels are sometimes called satellite channels, but they reach audiences through various technologies in addition to direct-to-home (DTH) satellite, including cable and fiber optic distribution systems, IPTV (Internet protocol television), DTT (digital terrestrial television channel bouquets), and on the in-house TV systems in hotels, on cruise ships, etc. Access to these platforms requires a 24-hour channel, not 30-minute or one-hour broadcasts.

U.S. government funded international broadcasting under the Broadcasting Board of Governments has generally not employed 24-hour channels. Exceptions are the Arabic-language Alhurra TV, TV Martí, and VOA Persian, which is not 24-hours, but has some of its time filled by RFE/RL's Radio Farda productions. VOA channels on various satellites are more like program feeds to affiliate stations and are included on very few cable TV systems.

**C-band or Ku-band?** BBG management circles are now asking if U.S. international broadcasting should expand its activities in 24-hour television channels. One of the first questions is whether these channels should be on C-band or Ku-band satellites. If you drove through rural West Virginia three decades ago, you would have seen in many back yards the big — often 8-foot diameter — dishes capable of receiving TV channels in the C band (3700 to 4200 MHz). These dishes were a means to receive multiple TV channels in areas where cable TV was not available.

Drive through rural West Virginia now, and the big C-band dishes are mostly gone, or derelict. They have been replaced by smaller (about 60 cm) Ku-band (12-18 GHz) dishes to receive either DISH Network or DirecTV program packages. Access to DISH and DirecTV requires a fee, but access is simpler and more straightforward than via C-band dish.

A similar migration from C-band to Ku-band has taken place in other parts of the world. For example, although satellite dish ownership was officially discouraged in China, many homes there had C-band dishes to receive the television channels of the various provinces of China. This provided multi-channel variety of entertainment in rural areas where cable TV was not available. Now, a large Ku-band package of channels on the officially approved Chinasat-9 is bringing a DirecTV-type service to Chinese households.

**The competitive world of international television.** Ku-band DTH satellite systems are expanding throughout the world. Some include several countries in their footprints, such as Arabsat and DirecTV Latin America. Some services, such as Arabsat, will provide channels to any organization that pays the price. Other DTH systems pay to carry channels that are deemed attractive enough to attract subscribers to channel packages. In some cases, the DTH systems, or individuals, provide translation services, usually in the form of captioning.

For U.S. international broadcasting to become involved in 24/7 TV channels, it will need not only to attract viewers, but also to convince DTH and other multichannel systems to carry its channels — and to accept payment from those systems for doing so.

**Compete with CNN International?** The BBG might be tempted to enter the 24-hour television business in the most obvious way:

an English-language news channel. Many other countries have started such channels, such as BBC World News, France 24, DW TV, Al Jazeera English, RT (Russia Today), CCTV News, CNC World (Xinhua), NHK World, KBS World, Press TV (Iran), and Channel News Asia (Singapore). (Australia Network is a recent notable departure from this group.)

All of these channels compete with CNN International, the first and apparently still most successful in this category. Should the BBG add a channel to compete with CNN International? The International Broadcasting Act of 1994 prohibits the BBG from competing with U.S. private sector international broadcasting — a significant impediment. Even without such a prohibition, it may not make sense for the U.S. government to undercut CNN International, a U.S. international broadcasting success story, providing a global news service at no expense to the American taxpayers. The BBG budget is probably better spent elsewhere.

**Niche channels?** The BBG might be able to fill some global informational voids through specialty channels. There has long been a desire for a pan-African English news channel. South Africa's SABC tried this in a short-lived experiment. Lagos-based TVC News is a new channel with the goal of being a pan-African news channel. It is, however, not yet listed as a channel on DStv, the most popular African DTH provider.

Another void would be a multi-lingual news channel. This would copy from the playbook of Euronews, which has one video stream, but audio streams in 14 languages. It's a compromise, because there are no anchors. But it is a parsimonious way to tackle the problem of international broadcasting in several languages. One limitation of Euronews is that it is largely limited to European affairs, and European affairs are, most of the time. A Euronews-type channel that covers all of the world, with audio streams in the world's major languages, would be

much more interesting because, at any given time, somewhere in the world, there is probably something interesting going on.

**The OTT Onslaught.** Television is moving on from 24-hour channels, requiring the viewer to tune in at the appointed to see the content that is of interest. Increasingly, viewers are acquiring content on demand, "over the top" (OTT) of the Internet. This is done through services such as Netflix and Hulu. Such on-demand access to programs may work for films, entertainment series, and documentaries, but not so much for breaking news.

For breaking news, a mobile app may be the most useful conveyance. And that introduces the big question of whether the audience wants to download news as videos or as the text/image combination of web pages. Web metrics I've seen show that for many VOA English news stories at voanews.com, as few as 1.5% of users opt to access the video version. If that's the case, why go the trouble and expense of producing a video version?

**Interdictable.** Of course, we cannot overlook the fact that these new media of international broadcasting can be stopped at borders. If RFE/RL were to create a 24/7 Russian TV news channel, it would not be allowed on any Russian cable TV system, nor on the popular Russian DTH systems Tricolor-TV or NTV-Plus. So far, the RFE/RL Russian website svoboda.org does not appear to be blocked in Russia, but that could be arranged. In China, multichannel TV systems are off limits to VOA or Radio Free Asia, and both broadcasters' websites are blocked there. The old and unfashionable medium of shortwave radio offers the most immunity from such interdictions, and it is forsaken only at the peril of U.S. international broadcasting.

*Views expressed are my own. See also voaradiogram.net.*



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**WANTED: Galaxy R-530 receiver. Mint condition if possible. Stanley Cabral, 2254 62 Avenue, Oakland, CA 94605. Phone 510-562-0632.**

# Shortwave Center

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

*The Holiday Season has passed, but the weather outside for we in the northern climes remains frightful. Perhaps a few items from the Australian Radio DX Club, where it is midsummer, will warm us all up a bit?*

## SHORTWAVE EQUIPMENT REVIEWS

# A Review of the Tecsun R-9012 (R9012)

By Phil Ireland

(Australian Radio DX Club)

This time I'll look briefly at the Tecsun R-9012, a very small analogue 12 band receiver that's been available since 2005 but still being made and available via the Chinese eBay retailers. I bought mine from Anon-Co, a trusted outlet and the radio arrived on my doorstep in 4 days from Hong Kong for the princely sum of \$22.30 AUD posted.

I had read a fair bit of stuff on line about this radio with all reviews tending to be extremely positive with only one disappointed in what turned out to be a very early release. As with many of these radios out of China, it always pays to hang back on new models until all the bugs and QC issues are sorted out. Mine is showing a 2014 manufacture date. This is a small radio, it requires only 2 AA batteries, has minimal controls, all intuitive to use and basically covers the Japanese extended FM band from 76 to 108 MHz, the AM broadcast band from 525 to above 1610 KHz and 10 shortwave bands, namely the 75, 60, 49, 41, 31, 25, 19, 16 and 13 meter bands. Unfortunately it misses the 120, 90 and 11 meter bands. Most of the range in these bands is covered with only the 41 and 31 meter bands falling short of their full coverage.

Performance wise, this radio, for what it is, is astonishing! Very sensitive and quite

selective but as you'd expect from such a small radio, tuning is a challenge and of course and you only have a rough idea on what frequency you're tuning to. Still, it brings back the joy of very careful tuning to listen to a station, reminiscent of the "good old days". I compared the R-9012 to its bigger brother the Tecsun R-9700DX and on FM; I found that you have to collapse the telescopic antenna on the 9012 as it has a tendency to overload. The AM broadcast band was far superior on the 9012 compared to the 9700DX and on shortwave, I was amazed on the number of stations I could hear during my lunch break. Here the 9700DX was very good as well and it had the benefit of a larger speaker making the audio more pleasant to listen to as well as a longer telescopic antenna.

Bearing in mind this is basically a \$20 analogue radio, no "bells and whistles". There is a small LED tuning indicator to help you lock onto a frequency and it does allow you to connect an external 3V power supply however batteries on this radio should last a long time in part due to its very modest current requirements.

To conclude, if you want a fun radio that performs but don't want to spend much money, consider the Tecsun R-9012. It's an ideal radio to take with you and will provide you with many hours of fun tuning around. Thoroughly recommended. Note that this is not a radio for DX although you will hear DX on it.

## Pros.

- Very cheap
- Sturdily constructed
- Very sensitive and selective
- Small, easily transportable
- Fun to use

## Cons.

- Challenge to tune, requires dexterity and patience

- Mediocre audio from tiny speaker
- Limited band coverage
- No SSB or other features.
- No dial light
- Dial calibration and accuracy lacking
- Can overload in high RF environments

Unfortunately the radio doesn't come with any little sleeve to protect it so I bought a small media bag from a cheap shop that is perfect for the job.

# A Review of the Tecsun PL880

By Phil Ireland

(Australian Radio DX Club)

This radio has just arrived from Anon-Co, a highly recommended and trustworthy eBay Company from China. It was well boxed and came with a comprehensive set of inclusions and a well-written Owner's Manual in English.

There has been much written online about this radio and I recommend that any potential owners study what's already been written as setting some hidden parameters are necessary to get the most out of this radio. Once set up correctly, owners should enjoy what has the promise of being a great portable receiver that will give many hours of enjoyment tuning around the bands.

Now to the performance: Let's start with FM. I've found this radio to exhibit superb performance for a portable. It is the only small portable in my collection that will just hear some of the major FM Broadcasters from Sydney, 200kms away from my home. Audio is excellent and stereo is available through the supplied ear buds. I give a big tick here!

Next to MW: Here the radio shows reasonable performance for a portable. I'm able to hear the marker stations that I use for portables, namely 2DU Dubbo 200kms away and 2CH Sydney, also 200kms away, during the daylight. The performance doesn't match that of my Sangean PR-D5 or the Sony EX5-Mk2 for MW; they will both receive 2WEB Bourke

500kms away and ABC Western Victoria Horsham 600kms away, during daylight hours, but both are designed as high performing MW radios with large internal ferrite rod antennas. I do have a major concern with my Tecsun PL880 on MW. It shows a powerful internal spurious signal of local signal strength around 783 kHz. I am currently in communication with the supplier about this issue. Hopefully it can be resolved. Audio again is excellent with a number of bandwidths available for the user to tailor their listening experience.

Next to SW: Again, performance is what you'd expect from a portable radio. Sensitivity and selectivity are excellent with a comprehensive filter arrangement available for the listener. Tuning around the bands is straight-forward and the user had a huge number of memories available should they desire to store frequencies. There is the provision of a Synchronous detector which frankly, lets this radio down. Simply, its operation is a disappointment. While Tecsun don't advertise this facility, you can still engage it, but I wouldn't bother. The synch lock is weak and the audio degenerates when engaged.

Now to SSB: Here is the radios major strong point. It by far outperforms any of my many portable radios for resolving SSB. Absolutely superb! Tecsun offer a number of bandwidths to tailor the audio on SSB and the selectivity is first class. This negates the need for a Synch detector as ECSS tuning

can be easily performed on this radio when DXing.

In summary

### Pros

- Stylish, well-built radio, great ergonomics.
- Excellent and powerful audio
- Excellent filter combinations, the best of any portable I've seen
- Easy tuning with many tuning options available including automatic storage of frequencies.
- Good overall performance for a portable with some caveats
- Reasonable coverage of frequencies.
- Uses DSP in the receiver architecture
- Uses a single Lithium ion battery rechargeable from either a PC or the supplied charger

### Cons

- Poor Synchronous detector
- Strong spurious signal of MW
- Hidden receiver parameters which must be set with no reference to the manual

Can I recommend purchasing the radio? Overall, yes. If you are looking for a good portable receiver capable of good performance, you won't be disappointed. Look at the Tecsun PL660 as well and the just to be released Eton Satellit.

### Specifications

#### 1. Frequency Range:

FM: 87 108 / 87.5 108 / 76 108 / 64 108 MHz, 0.01MHz / 0.1 MHz

SW: 1711-29999 kHz Tuning Step: 1 kHz/ 5 kHz

MW: 522 - 1620 kHz with 1 kHz/ 9kHz tuning step

520-1710 kHz with 1 kHz/ 10kHz tuning step

LW: 100-519 kHz, Tuning Step: 1 kHz/ 9 kHz

#### 2. Sensitivity

FM (S / N = 30dB) < 3µV

MW (S / N = 26dB) < 1mV / m

LW (S / N = 26dB) < 3mV / m

SW (S / N = 26dB) < 20µV

SSB (S / N = 10dB) < 1µV

#### 3. S/N Ratio

FM > 65dB

MW/LW > 40dB

SW > 45dB

#### 4. Bandwidth and Selectivity

Bandwidth Selectivity

FM kHz) > 60 dB (±150

MW / LW 9,5,3,5,2,3 kHz > 50 dB (BW = 9 kHz)

SW 9,5,3,5,2,3 kHz > 50 dB (BW = 9 kHz)

SSB 4, 3, 2.3, 1.2, 0.5 >50 dB (BW = 4 kHz)

#### 5. AM IF

1st IF: 55.845MHz

2nd IF: 10.7MHz

3rd IF: 45 kHz

Pre-retirement downsizing: Twenty-two years of the NASWA Journal from 1990 to 2014, missing 2007, 2008 and 2009 and December 2010 and February 2013 issues. I'll ship Media Mail for \$25.00. Alan Johnson alanjohnson@gbis.com.

# Sunshine, Jabirus, & Exotic DX

By John Schache

(Australia Radio DX Club)

Swaying palm trees, the trade winds blowing, cold beer and lots of playing radio... sounds like heaven and what more can 3 radio nuts desire in life? Dusky maidens aside, that is...

Once again it was on: our annual boy's week away and DXpedition. We had again sweet-talked the wives and made our bookings to spend the week in Darwin, site of our exploits last year. We booked Berry Springs Retreat and Craig organised our flights so that there was less time just waiting in airport lounges. Unfortunately at this time of year it is peak season in the Top End and our time there coincided with the Darwin Cup so costs do need to be taken into account.

We left Bathurst on a Saturday morning after snow had fallen the night before – there was some concern that the highway would be closed as it is every so often, but we were fortunate to have a clear run. We stopped in to call on member Bruce Chung (who could not join us this time) and enjoyed his company over lunch. This year we had an evening flight, not the redeye of last year but even so, by the time we picked up the hire car and found our way to our lodgings, it was after 2 am. However, we now knew our way and did not have to risk disturbing our neighbour with the fortified gates, thought to be associated with a well-known bikie gang!

Next morning it was just so good to be able to enjoy the shorts and t-shirt weather rather than the frost and fog of home. Oh, bliss and joy and what DX prospects awaited us in the next week (we hoped).

## The Equipment

In these times of laptops and SDRs, there is no need to lug around bulky receivers on

a DXpedition. I had an **Afedri SDR**; Craig used his newly acquired Perseus while Phil had the **Commradio CR-1** receiver. This is quite a remarkable piece of kit, being not much larger than a thick paperback but with all the functionality of a large tabletop receiver. Another 2 or 3 compact portables were available but these did the heavy lifting for the week. Even so, by the time lengths of coax, splitters and a few accessories were added we had to be conscious of the airline's weight limits.

The SDRs are the way to go as they can record the whole MW band for replay and review later. Imagine – I can sit at my desk at home in the Deep South and DX from Darwin just as if I was still there. The only drawback is that review of the files can be time consuming; in fact I have not yet completed reviewing our efforts of 2013. Maybe it will only happen in my dotage in the nursing home!

## Antennas

We have decided in the past that long lengths of wire, indifferently ran and subject to breakages from wildlife along with equally indifferent directivity were not the way to go. We actually ran EWEs in the adjacent trees – one each to north, east and west. Easy to erect, easy to maintain and they have consistent directivity when correctly terminated. In addition, I used a large terminated 'superloop' aimed west. This proved its worth around 2000 or so when the usual dominant Filipinos were largely suppressed when looking for Africa and the Mid-East. Alas though, propagation seemed not to favour those areas.

Phil had several desktop loop antennas but these had to be used well away from the steel-framed cottage – a sight to see was Phil perched out in the yard with a card table, loop and radio – and the water buffalo peering over the fence wondering what

was going on. Another addition was my collapsible 3 element FM antenna. Mounted on a Heath-Robinson affair of scrounged bits'n pieces there was no sign of any exotic propagation modes much to my chagrin. It was working well enough to receive a couple of Katherine stations well to the south, so the antenna seems not to have been the issue. If nothing else, I now have an easily packed antenna for future use.

## Reception

During the day there is very little to be heard on the MW band. On the eastern EWE Australians began to fade in around 0830 UTC, followed by some of the closer Indonesians. Oddly the PNG stations were only represented by NBC on 585 while the West Papuan stations were better heard. The bands then soon yielded Filipinos and a general mix of stations from the Asian area with the Australians now having to compete. On this trip the 'O' frequencies did not make too much of an appearance but a few were logged anyway. At the other end of the night, many Filipinos are heard signing on around 2000, often with lengthy IDs and network promos. Much to our disappointment, the Mid-East and Africa were not very evident despite some tantalizing audio and the logging of VOA Botswana on 909. This really was a surprise but maybe the Propagation Gods were just not favoring us at this time. One probable was Iran on 1475 in AA (listed as drifting from 1476) with 1476 also yielding Arabic at the same time (Egypt?).

The shortwave bands were also very lively, and we enjoyed the later fade-out (by UTC) of Asians on 49 and 41 meters. A pleasant surprise was a brief glimpse of a couple of Brazilians in the morning on 60 meters; most unexpected. Although this was primarily a mediumwave trip, it was clear Darwin is a very useful HF location as well,

being somewhat closer to the action than our home location.

## The Day Trips

As is our practice, the daytime hours were devoted to visiting the sights and attractions of the area. The military museum, an aviation museum (complete with a B52 under its roof) and a day trip to the wild old pub at Daly waters were all enjoyed. Having SDRs meant that we could go to the evening Mindil Beach markets while still having the whole MW band recorded for later review. These too, are great to visit; the fire juggler and the musician with quadruple amplified didgeridoos both surely did grab our attention! Our visit to Fogg Dam saw us told off by the local ranger for trying to cross it on foot, the reason being a 5m saltwater croc in the area. Whoops! Suitably chastened, we played it safe and drove across.

## The Wash-up

Once again we had a great week away with warm weather, cold beer, good company and lots of playing radios to boot. Our flight back left 2 hours late but we made it home and were tucked up in our own beds at a (sort of) reasonable hour.

Do try a DXpedition to someplace of your choice. The location does not have to be far away or exotic but with good company and a bit of planning you will have fun playing radios and will have a great time even if nothing exotic is heard.

Disclaimer: While this is the way it was, this narrative is being typed under the influence of the contents of a dusty old bottle found under Craig's House - a 2004 Cabernet Sauvignon, to be precise. No dusky maidens were compromised in the course of this DXpedition!

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The 2015 Winter SWL Fest Registration Form is available in this issue of the *NASWA Journal*. Turn to page 40, just inside the back cover, for full details of this year's shindig!

# To Be Where the Audience Is: Report of the Special Committee on the Future of Shortwave Broadcasting (Part 4)

*[Editor's Note: The Broadcasting Board of Governors' August 2014 white paper, "To Be Where the Audience Is: Report of the Special Committee on the Future of Shortwave Broadcasting," offers insight into the reasoning behind emerging BBG—as well as other broadcasters'—policies. Inasmuch as the paper has important ramifications for our hobby, The Journal is presenting excerpts from the report in installments over several months. This series began in the October issue. Feel free to share any comments or reactions to the report with other members through the Musings section of The Journal]*

## Section Three: Recommendations

The Committee's review was a highly complex exercise. It involved combining research and assessments in ways that have not been done before, challenging the agency and the networks' strategies and perceptions of reach, and comparing existing shortwave audiences to country-level strategies and target audiences.

The recommendations of the Committee are based on present realities of our current target audiences, evolving communication environments, how our content is consumed today and in the near future, consideration of disruptive acts that are willful or result from acts of nature, the requirements of U.S. foreign policy, and the need to prioritize the use of taxpayer funds.

Ultimately, the recommendations are based on two related questions:

1. Is shortwave used by the audiences we are trying to reach?
2. What are the opportunity costs of using shortwave to reach these audiences?

These questions address the audience-first approach of the Committee, the need for the BBG to be effective in reaching and empowering these audiences, the present and future reality of limited budgets that require focus in support of U.S. foreign policy, and ultimately the need to be wise stewards of U.S. taxpayer dollars.

Several themes became clear during this comprehensive review process:

1. Audiences will migrate to other platforms as they become more accessible
2. There is a critical need for shortwave in some countries
3. Shortwave is a medium of marginal impact in most markets
4. Shortwave is a relatively expensive platform to operate
5. The BBG must use shortwave where it is most effective.

In the past, shortwave audiences were larger with greater dependency on the platform. However, many shortwave consumers today do not use the medium exclusively. As other platforms, such as FM, television, and the Internet, become available, shortwave users demonstrably migrate quickly to these newly preferred mediums. Today, the audiences are waning and the BBG is faced with diminishing returns in a more restrictive budget environment.

The Committee acknowledges that small numbers of unusually significant individuals – too small to be picked up in surveys but nevertheless important due to their level of influence – may presently be reached by BBG shortwave broadcasts. To the extent that such individuals may exist – which can be determined only by anecdotal information – a judgment must be made as to whether their importance and influence is sufficient to justify the high cost of maintaining

shortwave broadcasts, which are intended by their nature to reach a mass audience.

The Committee recommends that BBG take an aggressive approach to reduce or eliminate shortwave broadcasts where there is either minimal audience reach or the audience is not a target audience based on our support of U.S. foreign policy. As such, the Committee recommends that for the remainder of FY14 and for FY15, and subject to re-evaluation during the upcoming FY16 budget formulation process by utilizing the same audience-based criteria, other shortwave transmissions are continued at the FY14 Operating Plan levels. This includes:

**Mandarin (RFA/VOA)**

**Cantonese (RFA/VOA)**

**Persian (RFE/RL)**

In consideration of the current situation in Ukraine and other proximate states with large Russian-speaking populations, the Committee further recommends that, revising the FY14 Operating Plan, and subject to re-evaluation during the upcoming FY16 budget formulation process by utilizing the same audience-based criteria, shortwave broadcasts in Russian be continued to those target areas for a period of time. This includes:

**Russian (RFE/RL)**

**Russian to the Caucasus (RFE/RL)**

Shortwave broadcasts previously approved by the Board for discontinuation under sequestration and the implementation of the FY14 Operating Plan would be shuttered, subject to shifting conditions in each target location, which the agency would monitor.

They are as follows:

**RFA Khmer: two (2) hours**

**VOA Khmer: one and a half (1.5) hours**

The target audience is essentially similar for RFA and VOA. Fewer than 2 percent of the

target audience uses shortwave in an average week. The target audience uses TV and FM radio at significantly higher rates than other Cambodians. There is still a modest audience for cross border MW, which might prove useful in a crisis. BBG will continue to build on its digital and social media efforts, though these platforms are at present best suited to urban audiences rather than the traditional SW target.

**RFA Lao: two (2) hours**

**VOA Lao: thirty (30) minutes\***

The target audience is essentially similar for RFA and VOA. Zero percent of the target audience reported using SW weekly. Though the research suggests that shortwave does not appear to be an effective way of reaching audiences in Laos, within our specific target or otherwise, FM radio usage appears fairly common across all Lao provinces. Expanding local FM affiliations, if possible, and exploiting the prospects for delivery of our audience content via satellite, given the remarkably large penetration of satellite technology and the already significant numbers who listen to radio via satellite, may be a logical approach to reaching the target audience.

**RFA Vietnamese: two (2) hours**

Zero percent of the target audience reported using SW weekly. The massive growth of digital technology in Vietnam provides opportunities for reaching BBG's target audience in a multitude of ways that were not previously possible. This trend is only likely to grow in the future, and the widespread usage of social media will encourage additional onward distribution of BBG content.

**RFE/RL North Caucasus (Avar, Chechen and Circassian): two (2) hours**

Two percent or less of the target audience use SW weekly, which is data from 2010. There is high penetration of satellite TV and growing use of mobile devices to access news and information. Discussions with the State Department and BBG Networks about these recommendations have resulted

in a temporary delay in implementing the proposed reductions, due to local circumstances.

**RFE/RL Tajik:** three (3) hours

0.2 percent of the target audience use SW weekly. Radio in general plays but a minor role for news consumption, which is dominated by television use. Forty-one percent of the target audience has a satellite dish at home which enables them to receive RFE/RL.

**RFE/RL Turkmen:** two (2) hours

Five percent of the target audience use SW weekly. Radio plays a minor role among the target audience—TV is a far more prominent platform. The target audience is less likely to use the Internet than the non-target audience, but high mobile phone ownership could be leveraged in the future.

**RFE/RL Uzbek:** two (2) hours

**VOA Uzbek:** thirty (30) minutes

One percent (RFE/RL) and 2 percent (VOA) of the target audience use SW weekly. TV use among both target audiences is higher than among the non-targets, and RFE/RL's target audiences is also more likely to own a satellite dish. VOA's target audience is more likely to use radio in general, and FM in particular, than the non-target group, which allows those in border regions to tune in via cross-border affiliates. Mobile technology could also be leveraged to reach both entities' target audiences.

**VOA Azerbaijani:** thirty (30) minutes

Two percent of the target audience use SW weekly. The target audience relies primarily on TV for news, while radio plays only a minor role. The target audience can also be reached by digital media. They use the Internet and social networking at approximately twice the level of non-target Azerbaijanis.

**VOA Bangla:** one (1) hour

One percent of the target audience use SW weekly. Shortwave usage is negligible among all population segments, including the target audience, and the platform therefore is not a viable means of reaching Bangladeshis of interest to VOA in large numbers. Overall, an expanded television presence will continue to be the best way to deliver content to our target audiences, especially women. For the younger demographic, while TV and radio will probably deliver the most robust audience in the short term, expanded digital outreach is likely to pay off over the next few years.

**VOA English to Asia:** six and a half (6.5) hours

Nine percent (Vietnam) and 20 percent (Burma) of the target audience use SW weekly. There is still modest use of shortwave in the region, although, with the exception of Burma, half or more of the target audience turns to the Internet for news daily and social media.

**VOA Kurdish:** three (3) hours

Four percent (Iraq), 4 percent (Turkey) and 5 percent (Iran) of the key geographic target use SW weekly. All three markets display certain commonalities: widespread access to satellite television, heavy Internet use, relatively modest levels of radio use in general and very low levels of SW use. In terms of sheer numbers, the best means of reaching Kurdish speaking audiences appears to be via satellite television, given that platform's strong installed base throughout the region. However, the best way forward throughout the Kurdish world is probably on the Internet, as it allows for better customization of content for diverse Kurdish speaking populations

**VOA Special/Learning English:** five and a half (5.5) hours

Eight percent (Nigeria) and 2 percent (Kenya) of the target audience use SW weekly. There are still substantial audiences for broadcast media, especially in Africa. FM radio and TV will continue to be key components of BBG's distribution efforts

in the region, but it is evident that target audience members are migrating to digital media in substantial numbers.

In addition to the transmission costs, full implementation of these recommendations will enable the thoughtful and methodical closing of four BBG transmitting stations generating, in FY18, fixed and variable cost savings in excess of \$14.4M or approximately 44 percent of our current SW related expenses.

These recommendations are based on careful review of existing research, which shows that the number of shortwave users in the countries concerned is extremely small and the current shortwave broadcasts contribute only trivially, if at all, to the total BBG strategically targeted audiences.

## Future Evaluations

The Committee recommends that annually or during each review of country and audience review, an assessment of audience use of various technologies be made, including but not exclusive of shortwave. We must be available on the platforms the audience is using, whether shortwave or satellite TV or mobile or whatever the future brings.

*[This is the last installment in this series. The full report, which is available on the Internet from SW-Committee-Final-Report.pdf, includes several pages of Appendices that further "flesh out" the research and recommendations presented in the Report.]*



### 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. 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.



### 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.

# Listener's Notebook

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Times are UTC and frequencies in kHz.

**AFRICA** Unfortunately, only few stations stay on air these days, especially in Africa. Only *Radio Mali* is on air regularly, with good signal in Lanzarote on 5995 and 9635. *Radio Congo* also is on air on 6115 at 1800. One year ago *Radio Nacional Guinea Ecuatorial* was on air with good signal, but now is inactive for long time, and only one day I can pick up a signal that could be from this station. *ELWA*, Liberia 4760 reported reactivated, I can hear it (presumed), various times at 2200 with weak signal. *Radio Uganda*, Kampala, reactivated months ago, is now inactive again. A pity, but perhaps in two or three years, no stations will stay in tropical bands in Africa. (Manuel Méndez-Spain/DX Window)

**ARGENTINA** 15345.116, wandered some 4...5 Hertz up and down, at 2036 on Dec 19, RAE Buenos Aires at S=8-9 level in southern Germany SDR unit. French service heard at this hour. (Wolfgang Büschel-Germany, wwdxc BC-DX TopNews Dec 19)

**ARMENIA** 9925, QSL *TWR India* via Yerevan Gavar. Rec'd a beautiful color .pdf QSL showing the SW Towers at Guam, with Full data (w/site) plus a cover letter with confirmation statement. Reply in 4 months, for an e-mail report. V/s: S. Franklin Abraham TWR-India. (Edward Kusalik-Canada/DXplorer)

**AUSTRALIA** "Australian government cuts to the ABC have led to *Radio Australia's* FM radio service being switched off in the North Pacific, a move which has not gone down well in the offices of the President of Palau. Tommy Remengesau Junior has been rising on the international stage in recent times as he continues to promote his widely publicised environmental campaign. It's a message that has driven up tourist numbers, but Bernadette Carreon in Koror says while the President is keen for people to enjoy what Palau has to offer, it has to be done in a more controlled fashion." (DX Re Mix News, Bulgaria) Is shortwave the next victim? (RAD)

**AUSTRIA HCJB** *The Voice of Andes* on new frequency 11900 kHz:

1530-1600 NF 11900 MOS Russian Sat, ex 11700  
1600-1630 NF 11900 MOS Chechen Sat, ex 11700  
(DX Re Mix News, Bulgaria)

6155, Classical piano music heard on this channel from ORF1 / ORS Moosbrunn transmission at 0637 on Dec 20, S=9+10dB in Alberta-CAN remote SDR unit. Some writer conference report feature. (Wolfgang Büschel-Germany, wwdxc BC-DX TopNews Dec 20)

**BAHRAIN** 9745, tuned 12/18 at 0259 and again at 0352 from Perseus site in C. Germany - first 25 min recording was S4 to S2 with deep fades. Second period at 0352 had much improved stability with only slight fades and steady at S4. Many mentions of "Bahrain" during much more frequent anmts than generally hrd from this station in the past. Gave an e-mail address of Bahrain16December@gmail.com - probably not a station address but related to some external event. Lots of Arabic vocals. Anmts in AA were very clear and if I had understood Arabic would have certainly 100% ID'd the station. Did not hear the sometimes used "FM 98.4" recorded anmt. (Bruce Churchill-CA/DXplorer) Dec. 16 is National Day of Bahrain. The e-mail address seems to be for a poetry contest sponsored by R Bahrain. (Jari Savolainen - Finland/DXplorer)

**BHUTAN** 6035, Bhutan right now (Dec 11) is booming in here near Colombo 0143. (Victor Goonetilleke-Sri Lanka/DXplorer) Thank you very much to Victor for your hint, that Bhutan again was strong on 6035 on Dec 11 at 0143. I tried the frequency in the middle of our night of Dec 12 and heard it at 0133-0215 (beginning to fade out here) with SINPO 35333. I enjoyed beautiful Bhutanese folksongs and ann in Dzongkha by man and woman, 0200 talk by woman (probably reading news). The transmission from the Bhutan Broadcasting Service has a special importance for me, because I visited Bhutan in April 2010. There I visited the Sangaygang Hill with the transmitter and a wonderful view down over the capital Thimphu. Later I tried to visit the BBS Broadcasting House downtown, but it was closed due to a local holiday. (Anker Petersen-Denmark/DXplorer)

- BOLIVIA** 4716.6, *Radio Yatun Ayllu Yura*, Yura 1030 noted return on Christmas morning! (Bob Wilkner-FL) at 0129, advs, Portuguese chat, IDs, jingle, 44444. (Bell-South Africa/DX Window)
- 5952.55, *Radio Pio XII* in Spanish 0150 UTC Dec 7/14. Local music and announcements. Announcer seemed to interact with younger children in the studio. Nice ID at 0229 UTC followed by sign off announcements over the song "March from the River Kwai (Colonel Bogey)". Three IS at 0232 then off. Very Good. (Mick Delmage-Canada/DXplorer) 5952.40, *R. Pio XII*, Siglo XX; at 0045-0010 on Dec 2; nx in Quechua and folk mx, ads in Quechua, ID ment their 55th anniversary on the air serving the community: "sus 55 años al servicio sirviendo a la comunidad". 44444. (Pedro F. Arrunátegui-Perú)
- 6025.00, *R. Patria Nueva*, La Paz; at 2310-2335 on 3/12; nx abt "el día de la discapacidad" (i.e.: "Handicapped Day"), prgm: "Bolivia Informa", nx in bilingual Sp and Quechua, ads, ID: "Patria Nueva". 44444. (Pedro F. Arrunátegui-Perú)
- 6105.35, *R. Panamericana*, La Paz; at 1114-1140 on Dec 6; folk mx, prgm: "Música Boliviana", ID: "Panamericana, agradece su sintonía", ad string, followed by prgm: "El Dialogo en Panamericana", ID on passing: "Presenta Panamericana", opening w/ "El noticiero en cadena nacional... Atención nuestras filiales... Bolivia escucha el llamado del mar Océano Pacifico..." ID: "Panamericana, la radio, bandera de Bolivia", prgm: "El Panamericano". 33333. (Pedro F. Arrunátegui-Perú) Bolivia has always had a dream of having access to the Pacific Ocean. (Petersen-Denmark/DX Window)
- BRAZIL** 4865.00, *R. Verdes Florestas* (p), Acre; at 0010-0040 on Dec 10; news, prgm: "O Jornal". No ID given. 44444. (Pedro F. Arrunátegui-Perú)
- 4905, *Nova R Relogio*, Rio de Janeiro, RJ, 0348, Dec 14, jaunty local folk music, time pips, 35433. (Bell-South Africa/DX Window)
- 4915.00, *R Daqui*, Goiânia, GO, 2350-0001\*, Dec 20, Portuguese talk, short anthem, 25232. (Petersen-Denmark/DX Window)
- 4925.20, *R. Educacao Rural*, Tefé; at 0045-0110 on Dec 10; news, ID: "Educação Rural"... la potente"; mx, ID. 33333. (Pedro F. Arrunátegui-Perú)
- 5970.00, *R Itatiaia*, Belo Horizonte, MG, 2345-0015, Dec 12, music, advs, commentaries, no ID heard, 33333. (Arrunátegui-Perú/DX Window) Also heard
- 6010, *R. Inconfidencia* definitely the one here on 12/11 based on recording from Perseus site in E. Finland (Mauno's site). The channel was otherwise clear with no sign of La Voz de tu Conciencia. Tune in 0414 to 0459. PP anmts with at least one mention of Inconfidencia in between pop vocals. Initially thought I might have had Bahrain until the first anmts at 0420 w/ woman ann mentioning "Belo Horizonte". Man ann PP 0424-24.5. Man and woman ancrs at 0440-40.5. Man 52-52.5 and again 0453 with "... nacional" twice. Nice music program! Good signal at steady SINPO 35333. (Bruce Churchill-CA/DXplorer)
- 9725, *Rádio RB2*, Curitiba, PR (ex- Clube Paranaense), comeback after six years out of shortwave, heard at 1401 in experimental character. The others frequencies on shortwave, 6040 and 11935 remain off the air. (Marques via Cássio). Also heard at 1330, Dec 15, on 11935 in experimental character. (Grimm via Cássio-Brazil) Rádio RB2 is the original name of this station, for many years was called Rádio Clube Paranaense, now returning to its original name. (Cássio-Brazil/DX Window)
- BULGARIA** *EU News Network* continued to use 5925, not 5905
- 1845-1900 on 5925 SOF English Sat only (DX Re Mix News, Bulgaria)
- AWR Bulgaria*: Wonderful QSL packet received by registered post today from previously all-but-unknown AWR Bulgaria, Studio Plovdiv. Plovdiv creates the daily half-hour Bulgarian program for AWR which, in the B14 period, is on the air on 5975 at 0400-0430 (Issoudun) and on 9830 at 1600-1630 (Nauen). Brief letter received from Mr. Bozhidar Tonchev, Director of the Sound Recording Studio, who explained that they have only a very small team and not much funds for brochures and the like, but they sent along four snapshots of on-air talent and a large photo of the entire team. Also an AWR Bulgaria brochure and two bookmarkers. AWR Bulgaria can be reached by email at awr\_bg@abv.bg or by mail at: AWR Bulgaria, 22, Antim 1 St., 4000 Plovdiv. (Ralph Perry-IL)
- CAMBODIA** Finally, a nice QSL from *Voice of Love, FEBC* Cambodia, Phnom Penh: It took a heck of a lot of back and forth with the director at FEBC Cambodia, Phnom Penh, to explain what I wanted

in terms of a verie letter or QSL card. At one point, I even used an English-to-Khmer translator to write it in Khmer, hoping this might get the message across. Have finally succeeded and "The Voice of Love" / FEBC Cambodia is sending a whooper QSL package — their scans are attached. (The hard copy is allegedly already in the mail.) I'm already okay with just an e-version, if the airmail letter doesn't show up — can print this stuff out, so am already good. For some reason, I really like this little mini-station a lot; it seems quite special. Not only a remote studio, but one with extremely distinctive programming and identity, and funky location, too! Here's the most recent email — also note Sopheary's email, the v/s for use in reporting . . . From: Sopheary Hem <hem.sopheary@febcambodia.org> Subject: Re: "Voice of Love" FEBCambodia heard in Central USA on 7420 kHz 1200-1230 UTC (7:00 p.m. Phnom Penh time) on 10 September 2014, Hello Ralph, I just done the letter confirming to you. I send via post office today. Please wait it will arrive sometime later. Sorry for inconvenience delaying the respond. I have our staff picture in the attach letter in that envelop as well. Also send you the soft copy in this email attachment. Thank you very much. Sopheary (Ralph Perry-IL)

**CANADA** 6030, *CFVP*, Calgary at 2240 with ad string, The Source, Telus, Winners, Home Depot, Five Star Autoglass, Fido, then ID "Calgary's all-new Funny 10 60 AM", and then a comedian. Fair. Dec 17. (Harold Sellers-Canada/DXplorer)

6070, *CFRX*. Shortwave QSL received. QSL card received for E-mailed Report to Steve Canney VA3SC QSL Manager for CFRX. Steve is a longtime ODXA Member and has been the QSL Manager for CFRX for close to 25 Years!! Received in less than a week!! Full Data Card for Re-activated CFRX reception on 6070. Thanks to Steve for helping us all receive a QSL for CFRX Receptions!! (Robert S. Ross-Canada/DXplorer)

**CHINA** 6060, *Sichuan PBS 2* (Chengdu) 1447-1515\* 9/10 Dec. TB chat, occ. "plinky" instrumental breaks, closing TB program w/ CH/TB IDs + "Nationality Channel, the People's Radio Station, SW 6060 7225, FM 88.1" followed by 15-minute Yui program, mostly quiet chat w/ piano background. (Dan Sheedy-CA via Bob Wilkner-FL)

#### **CLANDESTINE Radio Dialogue FM:**

1600-1700 on 12115 MDC English/Shona/Ndebele (DX Re Mix News, Bulgaria)

#### **Radio Xoriyo:**

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

#### **Oromo Voice Radio, Raadiyoo Sagalee Oromoo:**

1600-1630 on 17850 ISS Oromo Mon/Wed/Sat  
(DX Re Mix News, Bulgaria)

#### **Radio Hilaac:**

1700-1730 on 15180 ISS Somali Sat-Thu  
(DX Re Mix News, Bulgaria)

#### **Radio Impala:**

1700-1800 on 17540 MDC Kinyarawanda/English/  
French  
(DX Re Mix News, Bulgaria)

#### **Dimtse Radio Erena:**

1700-1730 on 11855 SOF Afar/Oromo  
(DX Re Mix News, Bulgaria)

4870, *R Sedaye Kashmir* hrd 12/17 from Perseus site in Edmonton AB from 1434 tune with presumably Kashmiri vocal. Woman ann in vernacular at 1436. Kashmiri vocal at 1438. Woman again at 1445 to 1453. More music at 1453. Woman again at 1502 fol by man at 1502.5 and woman again at 1509. Female vocal at 1510. Man and woman ancrs to 1529 then into another vocal. Pgm ceased at 1530.5, carrier off at 1531. SINPO 2/35433 improving after 1440, but signal seemed distorted at times, especially with music at 1453. This is also hrd from my home QTH but a notch lower on S-meter with much reduced readability and much shorter gray zone window. (Bruce Churchill-CA/DXplorer)

5515, *R. Warra Wangeelaa* (IRRS-Milano via Tiganellesti, Romania) \*1458-1534+ 13 Dec. IRRS' usual pre-program pop filler, IRRS trumpet theme/ID & Oromo program w/ web addr. for Union of Oromo Evangelical Churches of Europe + Facebook/email addr for RWW...IRRS closing info/theme @:30, followed by random EG program from Wonder-Voice.com ("Wonderful World of Education & Teaching"). (Dan Sheedy-CA via Bob Wilkner-FL)

7233.7, *Voice of Eritrea* via Geja-Jawe, Dec/19/14 0418. Tigrinya. Good. Male Announcer with talk in

presumed Tigrinya Language @ 0418-0421 Tune In. Into Horn of Africa String and Flute Music 0421-22. Man spoke again @ 0422-26. String and Flute music interlude 0426-27. More of same til 0430 then Drum and Flute music with Female Announcer with Sign-Off Announcements and off air @ 0430. (Robert Ross-Canada/DXplorer)

11860, *Voice of Wilderness* via Palauig-Zambales, Dec/19/14. 1340. Korean. Fair. Male Announcer with Subdued Korean Language Religious Talk @ 1340-1357. Instrumental Music 1357-58. Female with Sign-Off Announcements in Korean @ 1358. Instrumental Church type music 1358-1359 and off air @ 1400. (Robert Ross-Canada/DXplorer)

17580, *Voice of Khaatumo*. New Somali-targeted clandestine via MB/Issoudun doing well right now, at \*1700 for its Thursdays-only broadcast. Initially QRMed, possibly even jammed, and had to use USB but now doing fine on full am mode. Mainly a studio anc introducing various short clips of speeches and interviews of remote speakers. Couple brief HOA musical bridges. Khaatumo abruptly signed off at 1729 in middle of Somali pop song by OM. (Ralph Perry-IL/DXplorer) From Jan 06 its broadcast 1700-1730 in Somali will expand to Tu-Th, ex Th only. (Ivanov-Bulgaria, Dec 22/DX Window)

17605, *Radio Inyabutatu*, transmission for Rwanda, Issoudun transmitter, transmission for Rwanda, 1625, Saturday Dec 06, Kinyarwanda language, local songs and short announcers by male, 24442. (Arnaldo Slaen-Argentina/DXplorer)

**COLOMBIA** 5910.06, *Alcaraván Radio*, Puerto Lleras; at 0335-0410 on 16/12; rlg prgm, ID: "La Voz de tu Conciencia", no signal for //6010.00. 44444. (Pedro F. Arrunátegui-Perú) 5910, *Alcaraván Radio*, Puerto Lleras, 0405-0420 and 0710-0810, 21-12, Latin American songs, religious comments in Spanish by Martin Stendall, identification: "Alcaravan Radio", at 0702: "Son las dos de la mañana con dos minutos". At some moments parallel with 6010. 24322. (Méndez-Spain/PlayDX)

6010.00, *R. La Voz de tu Conciencia*, Bogotá; at 0240-0310 on Dec 13; rlg. pgm, ment: "rescate a su familia por fuerza de paz" (i.e: rescue to your family by the force of peace", ID: "Radio La Voz de tu Conciencia." 44444. (Pedro F. Arrunátegui-Perú)

**CONGO (DEM. REP.)** 5066.33, a rare visitor to Australian airwaves is *Radio Candip* in Bunia.

Yesterday morning (December 4), I first noted this station at 1840 with an African music program, then at 1900 with French ID and news/discussions at past 1915. There was the usual utility QRM and noise that accompanied this weak signal. Its low lowered 1kW non-directional signal hasn't been heard here for many months and it's always a pleasure to catch the signal. (Rob Wagner VK3BVW-Australia/ARDXC NG)

**CONGO (REP.)** 6115, *Radio Congo*, Brazaville, 1733-1810, 20-12, French, comments, African songs, at 1800 news, mentioned "Republique du Congo, les congolaises". 23322. (Méndez-Spain/PlayDX)

**CUBA RHC** tests planned on 3365: It seems likely that I will be able to test on 3365 90 metres Tropical Band frequency that we once registered for Radio Rebelde. This time when we do the test it is going to be with a 50 kW transmitter of the same type used for Radio Progreso 4765 in 60mb that will stay on that frequency all along the B-14 ITU period. The timing of the 90m test will be announced and a special QSL is in the works. Do not expect 3365 tests until later this year, but they will be done, as I am looking forward to a very bad tail end of solar cycle 24 and a worse than ever in radio history cycle 25. So it is a good idea to have a 90m Tropical Band Frequency too. (E-mail from Arne Coro, Radio Habana Cuba, to Wolfgang Bueschel 31 October/British DX Club)

**ECUADOR** 6050, *HCJB*, Pichincha, \*0825-0840, Dec 21, tuning music, anthem, Quechua ID: "HCJB Quito, AM 690, onda corta 6050", time signals, comments and relig. songs in Quechua, 34433. (Méndez-Spain/DX Window)

**EGYPT** 9965, *R Cairo* (actually just off at 9965.3 to 1 decimal) today 9 December heard at 2225 tune-in with their English broadcast with a programme on the Environment and into a music. Audio scratchy but strong and best I've heard here for many a year! However, I can also hear a faint trace of Cairo I think in parallel on scheduled 9900. (Alan Roe-UK)

**ETHIOPIA** 7233.7, *Ethiopian B/Cast Corp.* (Presumed) Geja-Jawe, Dec/11/14. 1332. Afar (?) PR-FR. This one presumed on this unique frequency and programming fits. No ID heard and rough copy! Female announcer in presumed Afar language with News items and Commentary @ 1332-1335 tune in. Fanfare Musical Interlude @ 1335. Male and Female with Commentary and News Reports @ 1335-1358.

Musical Interludes between news items String/Flute Music. String music and Talk over music @ 1358-1400 and off air @ 1400. Can't see anybody else that would fit here?? (Robert S. Ross-Canada/DXplorer)

**GERMANY** Demolition of transmitter masts at the former high power Wertachtal shortwave site near Munich commenced on 4 November and is due to be completed by the end of December. It was one of the largest SW sites in Europe and was on the air between 1972 and 2013. (Wolfgang Bueschel/British DX Club)

**GREECE** Sherry Paszkiewicz reported in the Cumbre DX Facebook group that she noted *Helliniki Radiophonia* in English at 2010 on 9420. Several other DXers have also noted the occasional Spanish broadcast. This is certainly a departure from the Greek-only transmissions. Many listeners are hoping for more multi-language broadcasts from this station. Certainly, their music programs remain very popular amongst the SWL fraternity. After all the troubles with this broadcaster over the past two years, it looked like their days on shortwave were numbered. So, it's wonderful to see them still operating and putting in such a good signal from their Avlis transmitter. On December 4, I noted a program of Viennese waltzes with Greek announcements at 0603 on 9420. (Rob Wagner VK3BVW-Australia/ARDXC NG)

**GUAM** 9975, *KTWR*, Nov. 2 at 1215-1245 in Japanese. Friendship Radio program. SIO 454. Strong signal. This is a new Japanese language program every Sunday. No signal on Nov. 9th due to transmitter control problem. This transmission contract is 6 month and to be extended if listeners response is favorable. Friendship Radio Web says they pay 5 times more than the DRM they tested at the same station previously. (Toshimichi Ohtake-Japan/Japan Shortwave Club)

**GUATEMALA** 4054.98, *R. Verdad*, Chiquimula; at 1040-1106 on Dec 6. Rlg prgm in EG, rlg hymn, ID in EG and Sp: "Radio Verdad desde Chiquimula, Guatemala". 33333. (Pedro F. Arrunátegui-Perú) Nice QSL package received in the mail today from Radio Verdad 4055, Chiquimula. This was for an email report sent to Dr. Edgar Amilcar Madrid the Station Manager at radioverd5@yahoo.com. Dr. Madrid also emailed me shortly after receiving my Report to Thank Me and to advise my QSL Card was on the way!! Great Service from a 650 Watt Station

located in a small town in Guatemala! Received a Full Data Card, Bumper Sticker, Beautiful Silk Station Pennant Flag, Calendar, and some Religious Literature in 6 Weeks. Nice to see there are still some stations sending out nice QSL packages like this! (Robert S. Ross-Canada/DXplorer)

**HONG KONG** Nice QSL reply from another newly-discovered "foreign language partner studio" for a large international broadcaster, this time TWR Hong Kong. Small but cute package from TWR - Hong Kong arrived today in a small brown envelope with very colorful HK stamps, from a Mr. (?) Mt. Schroeder and included two colorful business cards for TWR HK; a KTWR Guam QSL duly filled out and mailed from HK; and a pic postcard-sized color photo promo card. Took about 60 days. TWR Hong Kong studio is the TWR partner that prepares Chinese content for transmission via Guam. From what I can cobble together from the B14 Aoki, the TWR-HK schedule doesn't seem to have changed since my first loggings in early October. Some of the current sked would be: 9910 Mandarin 1100-1230, 9940 Cantonese 1330-1400, and 9975 Mandarin 1215-1445. Contact info via the website: Mailing Address: Trans World Radio Hong Kong Ltd., Chinese Ministry, Tsim Sha Tsui, P. O. Box 98697, Hong Kong. Email: asiatic@twr.org; I also tried info@twr.org.hk and am not sure which of my attempts worked, as I also sent out a printed reception report via airmail. (Ralph Perry-IL) Unfortunately, all transmissions are via KTWR, Guam. (RAD)

**INDIA** 4910.00, *AIR Jaipur*, \*2343-2400, Dec 09, Early broadcast! AIR IS, Hindi ann, "Vande Mataram hymn", Hindi talk, Indian music, 2350 Live report in Hindi from Cricket Match against Australia, 35233 // Bhopal 4810 (35233). (Petersen-Denmark/DX Window) Also heard at 0118, Dec 13, English and Hindi cricket commentary, India 75/2, then news headlines, 35333. (Bell-South Africa/DX Window)

4950.008, a stn string visible at 1355, probably like AIR subcontinent singer music, of R Kashmir, Srinagar, Jammu? Maybe back on air after flood? (Wolfgang Büschel-Germany/DXplorer)

5040, *AIR Jeypore* is back on air from today on 5040 and is interested in reports of their transmission at 0025-0445, 1130-1741. Heard today evening with good quality signals than before. (Their day time freq of 6040 will be off air for time being). Reports to: airjeypore@rediffmail.com. (Jose Jacob-India VU2JOS, DXindia Nov 28) AIR Jeypore on 5040

operating on lower power: In reply to my detailed monitoring report on reception quality covering last night and this morning's transmission of AIR Jeypore on 5040, D. R. Praised, Dy. Director General (E) AIR Jeypore promptly wrote me - "I thank you very much for the feedback on our transmission. We are still struggling to improve the performance of this 50 kW shortwave transmitter manufactured by continental Electric Corporation of USA. Due to no availability of spares, it is being operated at 25 kW power. We look forward to get your feedback once it is right fully." Hope my Dxr friend will enjoy sharing this information. (Pradeep Kundu-IND posted in DX India F\_B group; via Alokesh Gupta-IND, DXindia Dec 2)

**All India Radio Closes Five Shortwave Stations:** Last month, All India Radio announced the closure of five of its shortwave facilities, located in regional areas of India. These five transmitters, each rated at 50 kW, were located at Gorakhpur, Gauhati, Jammu, Mumbai and Ranchi. All of these transmitters, each operating at 50 kW, were officially deleted last month; four of them were not on the air at the time, though Mumbai was still active in recent time. (Wavescan NWS300 - Nov 24th, 2014 via Ian, SW TXsite Nov 24/TopNews)

Here's another previously little-known ('new', hi) remote studio target for you to log and QSL: AWR India originates programming from the several studios that Adventist World Radio operates within India, creating Adventist broadcast content for retransmission to the subcontinent by various rented xmtrs or by KSDA Guam. The Adventist Media Centre India (AWR Pune Studio / Pune Media Center) is their oldest and largest studio complex in India and appears to be responsible for generating all AWR programming heard in the following seven major languages of the subcontinent: Hindi, Kannada, Malayalam, Marathi, Punjabi, Telugu and Tamil. They also produce specialized English programming for various Asian targets, sub continental and beyond. (Note: There are a few newer, smaller studios that have more recently opened in India to service a few minor sub continental languages, more on that in a later report.). Given AWR Pune's extensive program production, they are widely broadcast and fairly easy to hear, just consult Aoki for a time and frequency for AWR in one of the above languages. Here are some B14 listings:

15495	1500-1530	Telugu via KSDA Guam
15665	1500-1530	Tamil via KSDA Guam
11955	1530-1600	Hindi via Trincomalee, Sri Lanka
12035	1530-1600	Marathi via Trincomalee, Sri Lanka
15250	1530-1600	Hindi via Nauen, Germany
15290	1530-1600	Punjabi via Moosbrunn, Austria
15665	1530-1600	Kannada via KSDA Guam
15680	1530-1600	Malayalam via Talata Vonondry, Madagascar

I listened to one of their Punjabi service programs and received a quick eQSL reply from the director of the Pune Media Center, Dr. Edison Samraj. "Dear Ralph Perry, Thank you for your email dated October 16. We are happy that you are popularizing AWR Pune transmission among many of your radio friends. You may monitor other broadcasts if you wish from the US. May God bless you in your endeavour. Thank you for your report of the shortwave program in Punjabi. We appreciate your interest and commitment to AWR. May God bless your leadership is my prayer. Regards, Dr Edison Samraj, Director." You can send email reports directly to AWR Pune at: adventistmediacentre@gmail.com. Or else, to send a physical report by airmail, you can use the following direct address: Adventist Media Centre-India, P.O. Box 17, GPO, Pune 411 001, Maharashtra, India. (Ralph Perry-IL)

**INDONESIA** 4869.926 **RRI Wamena**, Propinsi Papua in BI at 1250. S=7 -82dBm signal on remote Nagoya Japan SDR unit. But at 1330 seemingly also AIR Delhi Kingsway in Nepali? lang. outdated schedule? Heard on footprint 4870.002. (Wolfgang Büschel-Germany/DXplorer)

**KYRGYZ REP** 4010.034, **Kyrgyz R1** via Krasnaya Rechka, high speed speaker in Kyrgyz at 1820, but heard Russian and Tentat. Kyrgyz (Turkish lang. family) mixed at 1844 instead. S=9+15dB in Germany, but bcst little under modulated. Another peak visible on lower side of 4820, \\\ also Kyrgyz Radio 4819.936 footprint at 1828, flute mx at 1836. On S=8-9 level. (Wolfgang Büschel-Germany/DXplorer)

**LIBERIA** 4760, **ELWA Radio**, Monrovia, 0553-0610, 21-12, English, religious comments and songs. // with 6050. 14321. (Manuel Méndez-Spain/PlayDX)

6050, ELWA Radio, Monrovia, 0553-0610, 21-12, English, religious comments and songs. // with 4760. 24322. (Manuel Méndez-Spain/PlayDX)

15150 1500-1530 Punjabi (aka Panjabi) via Nauen, Germany

**MADAGASCAR** According to Andy Baker, *World Christian Broadcasting* as of Friday, November 14, 2014 had all the necessary signed papers to begin broadcasting from Madagascar to the rest of the world! We are so confident that we will be broadcasting from Madagascar during 2015, that we have released our transmitters from Dallas to Houston to be shipped to Madagascar. Our staff in Madagascar has done a great job in preparing the station site. Our Programming staff in Franklin, Tennessee, is working hard to assure that we will have programming ready to fill up the broadcast days from Madagascar. To ship the transmitters to Madagascar, to fill the tanks with diesel fuel, and to provide other start-up costs, the cost will be approximately \$250,000. (Andy Baker)

5010.025, seemingly Malagasy radio RN Malagasy Ambohidrano left the carrier still on air, empty signal on hops/wanders up and down. 1845-1855 on Dec 24. (Wolfgang Büschel-Germany/DXplorer)

**MALAYSIA** 6050 *Salam FM* (via RTM-Kajang) 1504-1508\* 4 Dec. A rare day they stayed on past 1500, commentary on Qur'an, Salam FM jingles, a bit of recitation, off mid-chat. (Dan Sheedy-CA via Bob Wilkner-FL)

**MOROCCO (SPANISH)** *Radio Mediterranea, Medi 1* is not on air from the couple of days:

0000-2400 on 9575 NAD.  
(DX Re Mix News, Bulgaria)

**MYANMAR** 5985.269 *Myanmar R*, in sounding Burmese language, heard at 1415 Dec 1st. Before CRI Beijing starts 1600-1757 powerhouse in Swahili to East Africa. (Wolfgang Büschel-Germany/DXplorer) 5985, Myanmar Radio (Yangon) 1525-1541+ 16 Dec. Doing fairly well w/ BU pop & W DJ, chimes @ BOH & starting EG program: "Good evening (dear/our?) listeners, this is Myanmar Radio...5985, 51.3 metres, 9730..." news headlines (Oz/Myanmar relations, conservation project in Myanmar), weather for Myanmar, PSAs for children's health & "National Solidarity". (Dan Sheedy-CA via Bob Wilkner-FL)

9730, Myanmar R, Naypyidaw, 1130-1132\*, Dec 11, talk in Bamar (Burmese) for about 2 minutes before signal off abruptly and still no more signal for another 3 minutes, 34222. (Ashar-Indonesia/DX Window)

**PAKISTAN** Dir. Gen'l, Pakistan Broadcasting Corporation, Samina Parvez has said two new short wave

transmitters are being installed enabling listeners in Europe to tune in R. Pakistan. They ordered txs for Karachi SW site are on the road map and planned. Since 2006 ordered from Thomcast Thales, now Ampegon Turgi Switzerland / Schifferstadt Germany. Some 8 years ago another Radio Pakistan press release appeared, predict the erection of two SW transmitters soon. Such SW planning lasted since 2006 year though. (Wolfgang Büschel-Germany)

**PERU** 4774.90, *R. Tarma*, Tarma, Junín; at 0010-0035 on Dec 1; mx, ID: "Usted escucha Radio Tarma, la voz más fuerte del dial", Andean cumbia mx, ID "Siempre por Radio Tarma del Perú", mx, ID on passing: "Por Radio Tarma, la internacional". 44444. (Pedro F. Arrunátegui-Perú)

4824.48, *R. La Voz de la Selva*, Iquitos, Loreto; at 0040-0105 on Dec 1; contemporary mx, various ID son passing: "Los temas más románticos, los escuchas en LVS", mx, ID: "Yo escucho LVS", ads, px: "Habla Barrio", ment. "se transmite de lunes a viernes a partir de la 2 de la tarde", ads: "...en Villa Perú hay los descuentos para toda la familia". 33333. (Pedro F. Arrunátegui-Perú)

**PHILIPPINES FEBC** Manila vs *Radio Veritas Asia* in 1428-1432 time slot:

1430-1457 on 11750 PUG Telugu Radio Veritas Asia  
1400-1430 on 11750 BOC Lahu FEBC Manila.  
(DX Re Mix News, Bulgaria)

**RUSSIA** *Revelation Studio Voronezh* is now on 11900 not 11700, per info directly from the station and also Aoki:

11900 HCJB Quito 1530-1600 .....7 Russian Moosbrunn  
11900 HCJB Quito 1600-1630 .....7 Chechen Moosbrunn  
(Ralph Perry-IL)

*Adygey Radio*, Maykop, B14 schedule confirmed as follows:

1800-1900 Monday 6000 (Armavir 100kW) Adygeyan/Arabic/Turkish  
1800-1900 Friday 6000 (Armavir 100kW) Adygeyan  
1900-2000 Sunday 6000 (Armavir 100kW) Adygeyan  
(DX Mix/RP) This is currently the only Russian broadcaster still using SW. (British DX Club)

**SEYCHELLES** The end of an era - *BBC* Relay Station site handed back to Seychelles. Tuesday November 18 marked the closure of an iconic chapter of Sey-

chelles' history, signaling the end of an era when information was much more difficult to come by. With much of Africa joining the internet and mobile phone revolution, the times of trying to glean information about happenings in the rest of the world on a crackly AM radio station have now passed by. Over 25 years after its establishment, the site of the BBC's former Indian Ocean Relay Station (IORS), located at Grand Anse, on the western side of the largest inhabited island in the archipelago, was handed back to the government of Seychelles by the country's British High Commissioner, Lindsay Skoll. The station transmitted BBC World Service programmes since 1988 via shortwave to listeners across East Africa in a range of languages, including the BBC's English-language output for Africa as well as programmes in Swahili, Kinyarwanda, Kirundi, Somali and French. (Seychelles News Agency via Mike Terry-UK, BrDXC-UK Nx/TopNews)

**SOUTH AFRICA** 7285, *Radio Sonder Grense*, Meyerton, Dec/14/14. Afrikaans. Fair. Male DJ spoke in Afrikaans 0424-0426. Instrumental Classical Music 0426-0430. Male DJ Spoke @ 0430 in Afrikaans. Listed Songs played and upcoming song. Into more Classical piano music @ 0433-0437. No ID heard but in parallel to the Live web feed for Radio Sonder Grense on 101.5 FM! New station heard for me! (Robert Ross-Canada/DXplorer)

**SPAIN** As you remember on October the 15th *REE* close down the transmitting station in Noblejas, but fortunately yesterday after long deliberating, the RTVE Board of Directors approved to restart in this month, the shortwave transmissions from Noblejas. The restart will be mainly beamed to 4 main targets in a periods of 4 hours daily and 8 hours weekends in Spanish as follows:

1700-2300 on 17850  
1800-2400 on 17760  
1800-2400 on 21610  
2000-2400 on 6055  
2000-2400 on 6125  
2000-2400 on 9535  
2000-2400 on 9620  
2000-2400 on 15385  
(DX Re Mix News, Bulgaria)

**SUDAN** *Radio Omdurman* Sudan:

0215-0430 on 7200 ALF Arabic, carrier Dec. 8  
1430-1530 on 7200 ALF Arabic, confirmed Dec. 8  
1930-2100 on 7200 ALF Arabic, confirmed Dec. 8  
(DX Re Mix News, Bulgaria)

**Voice of Africa**, Sudan Radio:

0600-0630 on 9505 ALF Tigrinya, confirmed Dec.8  
0630-0700 on 9505 ALF Amharic, tx is off Dec.8  
0700-0800 on 9505 ALF Swahili, confirmed Dec.8  
0800-0900 on 9505 ALF English, confirmed Dec.8  
1630-1730 on 9505 ALF French, confirmed Dec.8+videos  
1730-1830 on 9505 ALF English, confirmed Dec.8+videos  
1830-1930 on 9505 ALF Hausa, confirmed Dec.6/7  
(DX Re Mix News, Bulgaria)

**TAJIKISTAN** 4765.060, *Tajik 1* from Dushanbe Yangi Yul melancholic muslimic central-asiatic song, - nothing of 1st Advent western holiday shopping center "Jingle Bells" at 1238 on Dec 1st. (Wolfgang Büschel Germany/DXplorer)

**UGANDA** 4975.965, back on air tonight, after some 2 weeks off. *UBC* Kampala at 2022 on Dec 19, S=9 nice fluttery signal. (Wolfgang Büschel-Germany, wwdxc BC-DX TopNews Dec 19) Also heard at 1830, Dec 21, Afro music, 33333. (Giroletti-Italy/DX Window)

**USA KJES** started as a shortwave radio station back in 1992 and we broadcasted the Word of God for 22 years using shortwave. With the advent of new technologies and the increased shortage of skilled engineers needed to keep us up and running, we have now switched over to web streaming. (KJES Website via ARDXC) KJES no longer broadcasting on shortwave, probably from Oct.26. (DX Re Mix News, Bulgaria)

**EU News Network** is a new station which began broadcasting on 31st October. The station reviews European news items in collaboration with The Famagusta Gazette - a newspaper based in Cyprus. Weekly broadcast via Spaceline (Kostinbrod Bulgaria) is Saturdays at 1845-1900 in English on 5905 (100 kW) since 22 November. It was initially on 5925 but suffered severe interference from co-channel Iran. Web site [www.news-network.eu](http://www.news-network.eu). B14 schedule for EU News Network based on web site and updates as follows: Mon 2300-2315 11580 WRMI; Tue 1015-1030 5850 WRMI; Tue 1700-1730 9395 Global 24; Tue 2300-2315 11580 WRMI; Wed 1300-1315 9955; WRMI Wed 2100-2115 7570 15770 WRMI; Thu 0145-0200 9955 WRMI Sat 1845-1900 5905 Bulgaria; Sat 2115-2130 11580 WRMI Sun 2115-2130 7570 15770 WRMI. Reception reports are welcome to [contact@news-network.eu](mailto:contact@news-network.eu). No return postage required. (British DX Club)


Dear Listener, Many of you have written to us asking about the status of QSL cards. As of today December 23, 2014 we believe all cards from October and November have been mailed. We ask that if you do not receive your QSL cards by January 5th to please email [QSLs@global24radio.com](mailto:QSLs@global24radio.com) and we will troubleshoot your case and make sure we actually had your reception report, etc. or did not make a mistake on our end. Our team is quite sorry for the delay with all QSL cards - we were unprepared for the over 3,000 reception reports we received for our inaugural two weeks of broadcasting. Bear with us a little longer - we are planning a great January for our listeners. Thanks for the patience and on behalf of the entire team here: Happy Holidays! Regards, (Phil Workman, Global 24 General Manager)

**VATICAN Vatican Radio** - "being reviewed". Another station facing possible cuts is Vatican Radio. "Vatican media is being reviewed. The costs for staffing, production in various languages, and shortwave broadcasts, Cardinal Maradiaga noted, are significant, especially since there is no income from advertisements." (via Andy Sennitt-HOL, WRTH F\_B, via Mike Terry-UK, BrDXC-UK Dec 3)

**YEMEN** 6135, *Rep. of Yemen R*, Sana'a, 1800-1900, Dec 22, English was back on shortwave after break, but co-channel QRM from VOIRI in Bosnian and French from 1820. (Ivanov-Bulgaria/DX Window)

**ZAMBIA** Wiring the world for sound...*Voice Of Hope - Africa* is the latest acquisition by California based Strategic Communications Group in their quest of World-class radio stations programmed to span the globe with the Gospel of Jesus Christ! Los Angeles, Dec. 16, 2014 /PRNewswire/ -- Strategic Communications Group ("SCG", <http://www.voiceofhope.com>) announced today the purchase of its newest shortwave transmission facility in Lusaka, Zambia. Broadcast signals from this facility will soon be available to more than one billion potential listeners across the continent of Africa. Strategic Communications Group, a broadcaster headquartered near Los Angeles, purchased the state-of-the-art transmission facility this month from Christian Vision (<https://cvglobal.co>). The super-station will operate as Voice of Hope - Africa broadcasting the Gospel of Jesus Christ in English and several African languages - as well as providing news, health, and other information programming to audiences throughout the continent. (Paul Ormandy-NZ in NZRDXL dxdialog YG via Jerry Berg)

**OTHERNESS** Following up with the VOA Radiogram link, Harris Corporation's permission to use "various frequencies between 6060.00 and 22380.5" to test "a HF wideband waveform" is interesting to us. Wonder what a HF wideband waveform is? So did I; this article originally appeared in TV Technology. No one has suggested auctioning HF (shortwave) spectrum, but the FCC Office of Engineering and Technology's latest list of experimental license grants from Sept. 1-30 indicates increased interest in this spectrum. Radio amateurs know that the shortwave bands allow communications over great distances without the need for satellites or terrestrial fiber or copper lines. Military and civilian operations are becoming more dependent on the Internet, but as we've seen, all it takes is a terrorist attack such as the still-unsolved fiber cut in northern California a few years ago to knock out fiber links that provide connectivity to a large area, or a solar storm such as the Carrington event, (a powerful solar storm in 1859), to knock out satellites in space and copper links on the ground. Globe Wireless Radio Services was granted experimental license WH2XFC to operate on 19.7594 MHz, 19.7624 MHz, 22.7624 MHz, 22.7634 MHz and 26.1464 MHz to test back-up HF communications in Flanders (Suffolk County), N.Y. Harris Corporation received WH2XJE to operate on various frequencies between 6060.00 and 22380.50 kHz to "conduct testing and military observed on-air demonstrations of a HF wideband waveform" at fixed locations in Rochester, N.Y.; Fayetteville, N.C.; Colorado Springs, Col.; and Mary Esther, Fla. Rockwell Collins is also interested in HF. It received a license (WH2XIC) for experimental operation in the 2398.00 to 29720.00 kHz spectrum to "test and demonstrate wideband HF technologies" within "U.S. airspace." Not all of the recently granted licenses for experimental operation in HF bands are related to communications. Codar Ocean Sensors LTD was granted a license to operate on 9.3 MHz "for testing coastal radar system" mobile in San Francisco Bay and in the Monterey Bay areas of California. (Ron Hunsicker-PA)

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

# Pirate Radio Report

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

Shortwave pirate broadcasting continued at a very brisk pace during the last month. Old-timers in the hobby will find it ironic that pirates are still currently the #1 growth area for shortwave broadcasting DX targets. We are almost caught up from previous months when logs were missed.

Shortwave broadcasting inevitably increases around major North American holidays. With Christmas and New Years over, you ought to make your plans to listen to the increased pirate broadcasting activity that is certain to appear before, during, and after various winter holidays including Martin Luther King Day, Groundhog Day, and Valentine's Day. These are traditional big holidays as defined by pirate broadcasting activity.

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:

**Borderhunter R.** 6935 AM 2224-2246\* 11/9/14 Good. Dutch pirate w/rock mx prgm. (Lobdell-MA)

**Big Dawg R.** 6925 0000-0105 11/8/14 SIO=444. Prgm of rock mx w/snarling dog sfx. (Lobdell-MA)

**Captain Morgan** 6925 AM 0052-0101 10/20/14 Poor. Scary prgm w/laughter. (Taylor-WI)

**Channel Z R.** 6925 AM 0115 11/10/14. Prgm of rock mx w/clear ID. (Ross-ON)

**Channel Z R.** 6925 AM 2352-0045+ 11/9-10/14. 10<sup>th</sup> anniversary show w/tnx to Fearless Fred. (Lobdell-MA)

**Channel Z R.** 15089 AM 1859 11/23/14. Prgm of rock mx w/ancd 18 watts. Tnx Harold Frodge tip. (Ross-ON)

**Cool AM R.** 6919.65 0033-0058 11/1/14 Strong. Prgm of rock oldies. (Comeau-MA)

**Cool AM R.** 6919.5 0008 11/1/14 Poor. Halloween prgm of rock oldies. Relay anmt via Pirate R. Boston. (Ross-ON) 0039 11/1/14 Poor. Mellow tunes. (Taylor-WI)

**Cool AM R.** 6920 AM 0018-0116 11/8/14 SIO=343. Prgm of jazz mx w/OM anc Andre. Relay anmt via Pirate R. Boston. (Lobdell-MA)

**Cupid R.** 21460 AM 1800-1859\* 10/26/14 SIO=444. Halloween prgm of rock mx. (Lobdell-MA)

**Cupid R.** 15070 AM 1910 11/9/14 Poor. Prgm of mx w/OM ID. (Ross-ON)

**CYOT** 6925 AM 0110-0130+ 11/26/14 SIO=333. Prgm of rock and old pop mx w/ad for "The Naughty Cheerleader". (Lobdell-MA)

**Edmund Fitzgerald R.** 6925 AM 2302-2327\* 11/9/14 SIO=343. Reads list of sailors who drowned and attempt to rescue them now. (Lobdell-MA)

**Enterprise R.** 6950 AM 2341-2207\* 11/8/14 SIO=232. Dutch pirate w/rock mx prgm and Star Trek mx at QRT. (Lobdell-MA)

**evawtrohS nagroM niatpaC** 6950 0204-0223 10/26/14 Good. Prgm of big band mx w/Captain Morgan ID's spoken and spelled backward. (Taylor-WI)

**Germany Calling** 6940 AM 0017-0021 10/26/14 Very Good. Prgm of martial mx. (Ross-ON)

**Great Pumpkin Charles Manson** 6925 0232 10/26/14 Poor. Scary prgm w/laughter, apparently a Halloween prgm. (Taylor-WI)

**London Calling** 6930 2345-0007 11/16-17/14 SIO=444. Euro w/prgm of historic recordings broadcast during WW II by BBC. (Lobdell-MA)


- Liquid R.** 6925 AM 0048-0057 10/30/14 SIO=121. Prgm of dance mx w/weak signal and clear ID at close. (Lobdell-MA)
- Liquid R.** 6925 AM 0126 11/1/14 Poor to fair. Prgm of rap mx and also freq given as 97.1 FM. (Taylor-WI)
- Liquid R.** 6925.3 AM 0109 11/9/14 Improving. Prgm of electronic mx. (Taylor-WI)
- Liquid R.** 6925 0136-0157 11/8/14 Poor in QRM. Prgm of pirate mx. (Hauser-OK)
- Liquid R.** 6925.3 0118 11/17/14 Fair. Prgm mellow dance mx. (Taylor-WI)
- Mustang R.** 6925 AM 2218-2241 10/31/14 SIO=343. Euro w/prgm of classic rock w/Dutch and EE anmts. (Lobdell-MA)
- Old Time R.** 3229.7 AM 0139 10/21/14 Poor. Hrd here daily w/relays of decades old radio broadcasts. Stn rarely if ever IDs. (Cooper-PA)
- Old Time R.** 3229.7 AM 0000 11/5/14 Poor. Relay of ancient radio broadcast w/audience laughter. (Cooper-PA)
- Old Time R.** 6770 AM 0030-0055 11/21/14 SIO=323. Rebroadcast of old time radio comedy prgm. (Lobdell-MA)
- Pirate R. Boston** 6920 AM 0140 11/8/14 Poor. Little copy w/tlk and mx. (Hauser-OK) 0118-0203 11/8/14 SIO=444. Charlie Loudenboomer w/20<sup>th</sup> anniversary prgm. (Lobdell-MA)
- Rave on R.** 6925 0119-0022 10/20/14 Ancient pop mx de "a studio in the woods. Fair. (Taylor-WI)
- Rave on R.** 6925 0034 10/25/14. Prgm abt zombies and radiation. Poor. (Hauser-OK)
- R. Abu Dabhi** 6300 AM 2200-2215+ 10/24/14 SIO=343. Prgm of rock and country mx from this Dutch pirate. (Lobdell-MA)
- R. Abu Dabhi** 6295 AM 0043-0115+ 11/15/14 SIO=343. Prgm of country mx from this Dutch pirate w/OM EE ID's. (Lobdell-MA)
- Renegade R.** 6925 0130 11/2/14 Poor in QRM. Mx and Halloween prgm. (Taylor-WI)
- Renegade R.** 6925 2337 11/22/14 Good. Mx & technical tlk prgm. (Taylor-WI)
- R. Free Guttersville** 6925 0030-0058+ 11/27/14 SIO=232. Prgm of rock mx de Guttersville, IN. (Lobdell-MA) 6925.3 0048 11/27/14 Fair to good. Prgm of non stop dance mx. (Taylor-WI)
- R. Free Whatever** 6925 0032-0034 10/24/14 Good. Prgm of rock and punk mx. (Taylor-WI) 0305 10/24/14 Fair. Prgm of rock and punk mx. (Taylor-WI)
- R. Free Whatever** 6920 0204-0300 11/8/14 SIO=444. Dick Weed and Stavin w/Halloween prgm. (Lobdell-MA)
- R. Free Whatever** 6925 0220-0230 11/16/14 SIO=444. Dick Weed and Stavin w/live rock mx prgm. (Lobdell-MA)
- R. Free Whatever** 6925 2327-2330 11/16/14 Good. Dick Weed w/ rock mx and IDs. (D'Angelo-PA)
- R. Free Whatever** 6935 0025 11/16/14 Good. Dick Weed and Stavin w/ rock mx prgm. (Taylor-WI)
- R. Ga Ga** 6925 DSB 0113-0129 11/16/14 SIO=444. Mx prgm w/OM ancr. (Lobdell-MA)
- R. Halloween** 6919.65 0058-0122 11/1/14 Fading. Prgm of rock oldies. (Comeau-MA) 6920 0058-0122 11/1/14. Little copy of a story but clear ID. (Taylor-WI)
- R. Magic** 6285 AM 0023-0100 11/15/14 SIO=343. Euro w/relay of Laser Hot Hits w/pop mx. (Lobdell-MA)
- R. Tower** 6306 AM 2230-2254 11/15/14 SIO=343. Dutch pirate w/classic rock prgm. (Lobdell-MA)
- Rave on R.** 6935 2328 11/15/14 Good. Prgm of 1969 rock mx. (Taylor-WI)
- Undercover R.** 6925 AM 0052-0101 10/20/14 SIO=242. An old Dr. Benway prgm abt his trip to the Solomon Islands. (Lobdell-MA)
- Undercover R.** 1720 AM 0155-0220 10/25/14 Poor. Mainly an OM ID, tnx Tim Tromp tip. (Wilkner-FL)

- Undercover R.** 1720 AM 0201-0211 10/27/14 SIO=232. Dr. Benway w/repeat of old 2005 Halloween prgm. (Lobdell-MA)
- The Crystal Ship** 6950 AM 0000-0050+ 10/31/14 SIO=333. Halloween prgm of rock and poems by Poe. ID'ed as The Crystal Ship relay svc. (Lobdell-MA) 0030 10/31/14 Fair. Halloween prgm of rock and poems by Poe. ID'ed as The Crystal Ship relay svc. (Ross-ON)
- The Crystal Ship** 6950.6 0202 10/31/14 Prgm of folk & rock mx. (Taylor-WI)
- The Crystal Ship** 6950.55a AM 0202 11/28/14 Relay of a John Poet prgm. (Hauser-OK)
- Turkey Breast R.** 6930 AM 0034-0051 11/28/14 Thanksgiving prgm of rock & comedy. (Taylor-WI)
- WAHR** 6950 AM 0119 10/31/14 Poor. Synthesized YL vox w/Automated Halloween R. ID. (Hauser-OK)
- Whiskey Redneck R.** 6925 0033 10/26/14 Fair-Good. Country mx pgrm. (Taylor-WI)
- Whiskey Redneck R.** 6933.2 0100-0105 10/20/14 SIO=232. Prgm of country and bluegrass mx. (Lobdell-MA)
- Whiskey Redneck R.** 6925.2 0154 11/24/14 Fair w/ute QRM. Country mx pgrm. (Taylor-WI)
- Wolverine R.** 6935 0030-0116 10/20/14 Very Good. Halloween prgm of scary songs. (Ross-ON)
- Wolverine R.** 6935 0046 11/1/14 Good. Halloween prgm. (Taylor-WI) 0046 11/1/14 Good. Halloween prgm w/clear ID. (Cooper-PA) 0125 11/1/14 Good. ID and Monster Mash song. (Hauser-OK)
- Wolverine R.** 6950 0131 11/6/14 Good. Testing w/mx, sketches, and SSTV digital. (Taylor-WI)
- Wolverine R.** 6950 0139 11/6/14 Good. Prgm of swing mx. (Hauser-OK)
- Wolverine R.** 6940 0125 11/30/14 Very Good. Rock mx pgrm w/theme of human senses. (Taylor-WI)
- WJFK** 6952 2146-2253 11/23/14 Fair to Good. Seasonal MLK day mx. (D'Angelo-French Creek Dxpediton, PA)
- WRRRI** 6952 2221-2232 11/2/14 SIO=333. Random R. Intl. IDs by YL w/rock mx. (Lobdell-MA)
- X-FM** 6965 0050 11/1/14 Poor to Good. Prgm of rock mx. (Taylor-WI) 0050 11/1/14 Poor to Good. Prgm of rock mx w/live TC's. (Hauser-OK)
- X-FM** 6940 0257 11/3/14 Good. Prgm of rock mx w/frequent TC's. Said using higher power xmtr tonight. (Taylor-WI)
- X-FM** 6955 0111-0249 11/23/14 SIO=555. Prgm of rock mx w/many mentions of DXers. (Ross-ON) 0048-0327 11/23/14 Good. Prgm of rock mx said to be in FM stereo. (Hauser-OK)
- X-FM** 6965 0156 11/30/14 Very Good. Prgm of rock mx & pirate discussions. (Taylor-WI)
- XLR8** 6965 0130-0142 11/1/14 Poor. Prgm of mx de "on the porch." (Hauser-OK)
- YHWH** 11595 0033 10/24/14 Poor. Usual preaching about the sabbath. Stn freqs in SWBC bands are unusual. (Taylor-WI) 0026-0040 10/24/14 SIO=121. Usual preaching about scripture. Finally hrd them but with very poor signal. (Lobdell-MA) 0206-0240 10/24/14 Poor. Preaching and criticism of Catholic church. (Taylor-WI) 0250 10/24/14 Poor. Badly copied OM preacher. (Cooper-PA)
- YHWH** 6280 0206-0158\* 10/28/14 Fair. Usual preaching. (Taylor-WI)
- YHWH** 15695 2118-2123\* 11/29/14 Fair. Usual OM preaching. (Taylor-WI)
- YHWH** 17910 2220 11/28/14 Fair. OM preaching from old testament with criticism of Jesuits. (Taylor-WI)
- Yukon Jack** 6835 2257-2319 10/31/14 SIO=343. Badly copied OM preacher. Halloween prgm w/Yukon Jack anc. (Lobdell-MA)

# Contributors' Page

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

The following members sent in contributions:

<b>Bob BROSELL</b> , WI	NRD-545, Eton E1, Sony ICF SW 77
<b>John COOPER</b> , Lebanon, PA	WR-G33DDC, RF Space SDR-IQ, Sat 750, PL-660, ALA1530+, SWL sloper
<b>Rich D'ANGELO</b> , Wyomissing, PA	RX340, R8B, Alpha Delta DX Sloper
<b>Mick DELMAGE</b> , Lamont, ALB	Perseus SDR, antenna farm
<b>Steve ERVINE</b> , Mission, TX	Grundig M-600, Grundig G2 Recorder
<b>Elliot FEINBERG</b> , Brooklyn, NY	Sangean ATS-909, Tecsun PL-660, indoor whip
<b>Robert FRASER</b> , Belfast, ME	Eton Mini 300, whip antenna
<b>Glenn HAUSER</b> , Enid, OK	FRG-7, DX-398/ATS-909, YB400, ICF SW-07
<b>Ron HUNSICKER</b> , Wyomissing, PA	no equipment listed
<b>William McGUIRE</b> , Cheverly, MD	DX-380
<b>Ralph PERRY</b> , Wheaton, IL	R8B, NRD-545, E1, 355' bi-dir LW
<b>Pamela PRODAN</b> , Wilton, ME	YachtBoy 400PE
<b>Alan ROE</b> , Teddington, UK	Winradio G31 Excalibur, 17m long wire
<b>Mark TAYLOR</b> , Madison, WI	Winradio G313E, E1, Sat 800, Flexenna, EWE, Eavesdropper
<b>Dave TURNICK</b> , Sinking Spring, PA	RX340, WinRadio, Alpha Delta DX sloper, 49m dipole
<b>Robert WILKNER</b> , Pompano Beach, FL	535D, R8. IC746Pro 


2000-5900 kHz

## Tropical Band Loggings

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

- 2485 **AUSTRALIA VL8K** Katherine 1140-1210 (T); Some audio w/ deep fades; 12/14. (Wilkner-FL)
- 2850 **NORTH KOREA KCBS** Pyongyang 1110-1120 (T); W anc in lang; often threshold sig; 11/19. (Wilkner-FL)
- 3185 **USA WWRB** Manchester 0429 World of Radio 1748 monitoring; confirmed on WWRB webcast; 0429 previous preacher stops; dead air & hum; starts WoR playback but stops amid intro; two more tries gets it to keep playing from 0431; overmodulated & distorted on webcast, but better on 3185 then checked, only some hum; I hope it kept going for the rest of the semihour; 11/21. (Hauser-OK) 0215 Continuous classical organ mx; only at 0226 morphing into hymn, "God will take care of you"; 0232 into preacher opening w/ howling in country style; 11/28. (Hauser-OK) 0311 Open carrier/dead air, while 5050 is blasting the BS; by 0318, bluegrass mx on 3185; 12/7. (Hauser-OK)
- 3310 **BOLIVIA R. Mosoj Chaski** Cochabamba 1000-1020 M & W anc in lang; 12/2. (Wilkner-FL) 0055-0100 W anc w/ "desde Bolivia" at t/in; 12/18. (Wilkner-FL)
- 3320 **SOUTH AFRICA R. Sondergrense** Meyerton 0307 (P); Although the stn has around an S4-S6 sig; v. little audio can be heard at this time; JBA; 12/6. (Cooper-PA)
- 3364.84 **BRAZIL R. Cultura** Araraquara 2330-2340 M anc in PP; 11/19. (Wilkner-FL) 0117-0122 Vcls w/ back ground singers & percussion; good; 12/7. (Wilkner-FL)
- 3375.1 **BRAZIL R. Municipal** São Gabriel da Cachoeira 0910 M anc in PP; good; 12/2. (Wilkner-FL) 0015 M anc in PP; 0030 mx; fair; 12/16. (Wilkner-FL)
- 3480 **SOUTH KOREA V. of the People** Kyonggi-do 1010 Ancr in (P) KK; 1100 // 6600 & 4557; 11/19. (Wilkner-FL)
- 3925 **JAPAN R. Nikkei** Tokyo-Nagara 1040-1050 Vocalist w/ percussion background; (P) JJ // 9595; tnx DBS-16 for // freq; 12/1. (Wilkner-FL)
- 3955 **UNITED KINGDOM KBS World Radio** Wooferton 2100 M & W anc in FF w/ nx & "Musique Coreene"; good; 11/30. (Roe-UK)

- 3965 **FRANCE R. Taiwan Int'l** Issoudun 1800 EE; Nx & "Women Making Waves" prg w/ hostess Ellen Chu; v. good; 12/5. (Roe-UK)
- 3985 **GERMANY V. of Mongolia** Kall-Krekel 2000 EE talk re Mongolian architecture; reindeer herding & nomadic lifestyles; great to hear VoM on SW!; fair; 12/7. (Roe-UK)
- 4055 **GUATAMALA R. Verdad** Chiquimula 2340 "We Wish You a Merry Christmas" instrumental mx over M ancr in EE; 11/22. (Wilkner-FL) 0945ñ0950 Hyper preacher in EE, shouting into the mike; 12/2. (Wilkner-FL)
- 4409 **BOLIVIA R. Eco** Reyes 0030=0100 F/in w/ M ancr in SS; 11/20. (Wilkner-FL)
- 4451.1 **BOLIVIA R. Santa Ana** Santa Ana de Yacuma 2340-2350 Fair sig w/ some SS audio; fades; 11/29 & 12/3. (Wilkner-FL)
- 4699.9 **BOLIVIA R. San Miguel** Riberalta 0030-0040 Modest sig in SS; 11/19. (Wilkner-FL) 0030-0040 Noted here in SS; f-p; 12/2. (Wilkner-FL) 1010-1020 M ancr in SS; weak; 12/16. (Wilkner-FL)
- 4747.5 **PERU R. Huanta 2000** Huanta 0040 M ancr in SS under dominant CODAR; 11/19. (Wilkner-FL)
- 4750 **BANGLADESH Bangladesh Batar** Shavar 1505 In (P) lang w/ freq ancments; good; [date?-ed.]. (Delmage-AB)
- 4754.9 **BRAZIL R. Imaculada Conceição** Campo Grande 2330-2350 Enjoyable mx vcls; troubled by CODAR; 11/19. (Wilkner-FL) 2323-2350 M ancr w/ PP relg talk; W w/ ID & ancments; some vcl selection, s more IDs & ancments followed by a nice formal ID at 2334; fair & growing stronger; 11/23. (D'Angelo-PA/FCDX) 0916 M & W ancrs w/ PP talk; mx at 1020 f/out; f-g; 12/1. (Wilkner-FL) 0050-0103 Numbers in PP; good clear sig; 12/18. (Wilkner-FL)
- 4760 **LIBERIA ELWA Radio** Monrovia 0707-0715 (T); Could weakly hear a M speaking but even lang ID was difficult; if them would be lost as daylight making this worse by the minute; heard weakly again around 2300, but not much audio; 11/24. (D'Angelo-PA/FCDX)
- 4765 **CUBA R. Progreso** 0316-0321 Cuban mx into M ancr; good 12/4. (Prodan-ME) 0258 Classical guitar piece; M ancr at 0300; 0302 talk & mx bit; fair; 12/6. (Cooper-PA)
- 4775 **PERU R. Tarma** Tarma 2238-2303 M ancr w/ IDs & ancments, hosting a prg of OA mx; fair; 11/23. (D'Angelo-PA/FCDX)
- 4780 **DJIBOUTI RTD** Atta 0307-0330 M w/ recitations from the Qur'an; p-f; 11/24. (D'Angelo-PA/FCDX)
- 4800 **CHINA CNR-1** Geermu 2326-2345 M & W ancrs in CC; several ancments w/ nx features from 2330; p-f; //11710 fair; 11/24. (D'Angelo-PA/FCDX) 1309 W ancr in CC; poor; 11/27. (Brossell-WI) 1304 M ancr in CC; f-p; 12/15. (Brossell-WI)
- 4805 **BRAZIL R. Difusora do Amazonas** Manaus 1000-1025 M ancr in PP w/ usual marginal sig; 12/2. (Wilkner-FL)
- 4810 **PERU R. Logos** Chazuta 1040-1045 M ancr in SS; v. strong sig; 11/19. (Wilkner-FL) 0917-0930 Beautiful flauta andina; good strong sig; 12/2. (Wilkner-FL)
- 4815 **BRAZIL R. Difusora** Londrina 0120-0125 Ment. of "Jesus" in EE at t/in then into mx; strong sig; 12/7. (Wilkner-FL)
- 4835 **AUSTRALIA VLSA** Alice Springs 1259 Rpt re recent Asian Summit; fair; 11/18 & 25. (Brossell-WI) 1155-1220 Siege coverage press conference; "...not free to discuss what is happening inside; lives of the hostages of most importance."; 12/15. (Wilkner-FL) 1307 M & W ancrs talk re terrorism; fair; 12/15. (Brossell-WI)
- 4840 **USA WWCN** Nashville 0707 Open carrier, dead air, again!; for the third Monday morning in a row (that I have noticed; maybe a lot more before that); current sked shows the prg failing to be aired at 0705-0730 is Real Radio w/ Jack Hibbs; 0730-0800 dispensable Unshackled; 08-11 UT Power Hower; are they still paying for this airtime?; 11/17. (Hauser-OK) 1205-1258 "World Wide Country Radio"; Merle Haggard, Jimmie Rodgers, Hank Williams & more; fair; 11/29. (Prodan-ME)
- 4885 **BRAZIL R. Club do Pará** Bélem 0639 Prg of Brazilian country mx w/ M ancr in PP; fair; 11/24. (Taylor-WI) 0608 Full ID mentioning Belém, Pará, p-f sig vs CODAR; as ZYG362 remains the #1 Brazilian sig on 60m, overnight--- no sign of the other one on 4885, Acre; 12/14. (Hauser-OK)
- 4895 **MONGOLIA Mongolian Radio-2** Murun 1312 (P); M ancr in (P) Mongolian; f-p w/ fades & static; 11/26. (Brossell-WI)
- 4905 **TIBET Xizang PBS** Lhasa 2330-2340 Lengthy talk by M ancr in lang; //4920; 11/22. (Wilkner-FL)
- 4915 **BRAZIL R. Difusora Macapá** Macapá 2350-0005 Pop mx covers in PP; ID "Radio Dif Macapá... KiloHertz;"; 11/26. (Wilkner-FL)
- 4920 **TIBET Xizang PBS** Lhasa 0030-0040 Noted here; //4905 w/ RTTY off freq for once; 12/16. (Wilkner-FL)
- 4920 **INDIA AIR Chennai** 1241 W ancr in listed Tamil; fair; 12/8. (Brossell-WI) 1530 The Nx at 9; poor; 12/8. (Delmage-AB)
- 4940 **CHINA V. of the Strait** Fuzhou 1241-1259 Violin mx; pips at 1300 & ID in CC; good; this was the best sig heard from them this winter; 11/26 & 12/2. (Brossell-WI) 1237 Operatic vcls by W; fair; 12/16. (Brossell-WI)

- 4949.74 **ANGOLA RN de Angola** Mulvenos 0030-0050 (T) Threshold sig w/ weak audio; 12/16. (Wilkner-FL)
- 4955 **PERU R. Cultural Amauta** Huanta 0000 "Santa Maria" repeated several times; "en nacional historia en la Iglesia" 0002; "con permiso", "Santa Cruz" mentioned twice "numero veinte cuarenta uno".... off at 0006\*; 12/19. (Wilkner-FL)
- 4980 **CHINA PBS Xinjiang** Urumqi 2340-2350 (T); M anc; occ. over brief mx bits; 11/22. (Wilkner-FL) 0000-0030 W anc in lang; 12/15. (Wilkner-FL)
- 4990 **UNIDENTIFIED** 0940-1000 Carrier & v. weak audio noted here & other mornings, same time; may prove to be Suriname, Radio Apintie Paramaribo ...if still on the air; 12/2. (Wilkner-FL)
- 5015 **USA WRMI** Okeechobee 0755 Bro. Stair giving contact info; poor; 12/8. (Roe-UK)
- 5025 **CUBA R. Rebelde** Havana 0248 M anc w/ rpt via live event; 0250 M anc w/ talk, mx bits & ID; fair; 11/29. (Cooper-PA) 2241 Two M ancs in discussion; embargo mentioned; 2345 more talk; fair; 12/6. (Prodan-ME)
- 5035 **BRAZIL R. Aperecida** Aperecida 2233-2316 M anc in PP; vcls & IDs; p-f; //11855-good; 11/24. (D'Angelo-PA/FCDX)
- 5040 **CUBA RHC** Havana 0025 Mx; 0029 "Radio Havana Cuba"; 0030 EE nx & cmntary; v. good; 12/5. (Prodan-ME)
- 5085 **USA WTWW** Lebanon 0641 WTWW-2 is back on & //5830 WTWW-1 w/ SFAW talking about sweating; 11/18. (Hauser-OK)
- 5110 **USA WBCQ** Monticello 2327 Mx, "Momma Told Me Not to Come" at 2341; poor w/fades & distortion; 12/6. (Prodan-ME) [CUSB.ed.] 0714 Surprised to hear jazz on good sig; slightly offset low, so no doubt it's WBCQ on the air much later than usual; 5110 is FCC-available 24 hours, & maybe Allan has already sold some more time on it to free radio b/casters; the Area 51 sked was supposed to end at 0500: <http://www.worldmicroscope.com/>; 12/13. (Hauser-OK)
- 5830 **USA WTWW** Lebanon 0706 Checking whether WTWW-1 is on, yes, but passé Pastor Pete Peters think he's still on "WWCR", having failed to prophesy the existence of WTWW; you know, most of the SFAW prgming is old tapes of from a decade or so ago; 11/17. (Hauser-OK)
- 5865 **FRANCE R. Algerienne** Issoudun 0417 M anc w/ Qw'ran until 0425; fair; 11/29. (Cooper-PA)
- 5865 **GERMANY R. Farda** Lampertheim 0250 Two M ancs in listed Persian; JBA sig; 11/23. (Cooper-PA)
- 5885 **KUWAIT R. Farda** 2330 M anc; 2333 ID into mx; fair; 12/6. (Prodan-ME)
- 5885 **SRI LANKA VOA** Iranawila 0033-0058\* Tibetan lang prg consisting mainly of talks by W ancs; several IDs & brief instrumental mx bits between items; closed w/ instrumental mx until carrier terminated; f-g; 11/23. (D'Angelo-PA/FCDX) 

5901-30000 kHz

# International Band Loggings

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

- 5910 **LITHUANIA NHK World R Japan** Sitkunai, 12/20, 0428. Spanish/Russian. Sign-off of Spanish service and into Russian service with news followed by Music program co-hosted by man and woman. 45333. (Roe-UK)
- 5910 **COLOMBIA Alcaravan Radio** Spanish 2246- Latin American music/songs; faint & static 12/6 (Prodan-ME)
- 5915 **CHINA China Radio Int'l** English 2257- caught end of learning Chinese zoo animal segment (see 7415); fair 12/6 (Prodan-ME)
- 5920 **USA WHRI** Cypress Creek, 11/22, 0302. English. "USA Radio" news and Promo for Voice of Martyrs Christian organization (in support of Kazakhstan Christians), followed by religious songs. Best listening on LSB carrier due to QRM from Afia Darfur on 5925 kHz Vatican. 44444. (Roe-UK)
- 5920 **USA WHRI** (pres) Cypress Creek, 12/20, 0345. English. Acoustic religious Christmas music. No announcements heard and TX off at 0358. 45444. (Roe-UK)
- 5940 **BRAZIL Radio Vox Missionaria** Portuguese 2241 choral singing; 2245-53 m talking about baptism & other preaching; after 2300 exhorting preacher; poor 12/6 (Prodan-ME)
- 5950 **ETHIOPIA Voice of Tigray Revolution** Mekele, \*0256-0315 Nov 24, familiar flute-like IS followed by a man announcer with opening in listed Tigrinya language. Brief news followed by nice program of Horn of Africa vocals and instrumentals. Generally poor level. (D'Angelo-PA/FCDX)
- 5950 **FRANCE KBS World**, 2050-2100\* Nov 23, French language program with talks by a man and woman followed by pop music vocals. Nice closedown at 2056 followed by instrumental music until carrier terminated. Good signal. (D'Angelo-PA/FCDX)

- 5955 **AUSTRIA Voice of Vietnam** Moosbrunn, 12/05, 1800. English. VI and Giam Folk Tunes - recently officially recognized as a UNESCO Intangible Cultural Heritage: The music is a type of free-singing. 55545. (Roe-UK)
- 5955 **AUSTRIA Voice of Vietnam** Moosbrunn, 12/21, 1800. English. Nx; Sunday Show: Tourism in Hả Giang in north of country. 55444. (Roe-UK)
- 5960 **JAPAN Radio Japan** at 0400 in JJ. Good. (McGuire-MD)
- 5960 **TURKEY Voice of Turkey** English 2257 a couple minutes off ann "this is the Voice of Turkey" and musical snippet repeated;; excellent/loud 12/6 (Prodan-ME)
- 5990 **ROMANIA Radio Romania Int'l** 12/21, 1906. Romanian. "Zi-le D-Alead-Ale Noastre" with Romanian folk mx (Sounding maybe like Christmas folk tunes?). 55555. (Roe-UK)
- 5995 **MALI Radiodiffusion Télévision du Mali** 2345-2359\* Nov 24, woman announcer with French talk hosting program of African tribal vocals until closedown. Poor to fair. (D'Angelo-PA/FCDX)
- 6005 **ASCENCION ISLANDS BBC** 0647-0655 Nov 24, sports program with news of Chelsea loss to Crystal Palace and tennis results. Fair to good. (D'Angelo-PA/FCDX)
- 6005 **GERMANY V of Mongolia** Kall-Krekel, 12/09, 1700. English. Sign-on anns, but not really able to follow much more. 25332. (Roe-UK)
- 6015 **ROMANIA Radio Romania Int'l** Galbeni, 12/21, 2300. English. Nx; Listener's letterbox and All That Jazz (with jazzed-up versions of Romanian Carols). 55555. (Roe-UK)
- 6020 **ROMANIA Radio Romania Int'l** Galbeni, 12/20, 0400. English. News. Traditional music program of winter/Christmas songs ended the transmission. 55444. (Roe-UK)
- 6030 **ROMANIA Radio Romania Int'l** Galbeni, 12/19, 2130. English. DRM with frequent drop-outs. News. 17dB. (Roe-UK)
- 6040 **IRAN IRIB** 1920 in EE. News - terrorism in Europe and Middle East. 11/11 (Fraser-ME)
- 6050 **TURKEY Voice of Turkey** Emirler, 12/04, 1947. English. Turkey This Week: Talk about celebrations of Teachers Day on 24 November. Co-channel QRM from R Kuwait. 33543. (Roe-UK)
- 6055 **JAPAN Radio Nikkei** Nov 27 at 1342, R. Nikkei I is totally in English as usual on Thursdays around now; actually a lesson with a clearly enunciated conversation, M&W discussing communities, child care. Good signal and even better on // 9595, at 1355 about the Yamagata Festival. (Hauser-OK)
- 6055 **RWANDA Radio Rwanda** 2058-2100\* Nov 23, man announcer with French talk just prior to carrier being terminated at top of the hour. Poor to fair. (D'Angelo-PA/FCDX)
- 6070 **CANADA CFRX** 1331-1336 w traffic, nx and weather, IDed as Newstalk 1010 and gave web address, fair signal fading to poor 12/4/14 (Feinberg-SC)
- 6075 **UNITED KINGDOM Voice of Vietnam** English; 0103 news - Ferguson; EU not going after France & Belgium for financial problems; OPEC not cutting production; 0110 piano filler; good 11/30 (Prodan-ME)
- 6090 **ANGUILLA PMS** Dec 12 at 0629, shux, PMS is back on air after missing only a few days; also on 11775 at 1408 Dec 12 (Hauser-OK)
- 6090 **ANGUILLA University Network** 11/29, 0305. English. Pastor Melissa Scott talk about being discouraged and disappointed. Was David Livingstone disappointed that he only had one convert in his missionary life in Africa. Followed along watching TV broadcast in parallel <http://www.pastormelissascott.com/w>. 25232. (Roe-UK)
- 6095 **GERMANY STF Radio International** Nauen, 11/30, 1627. English. Announced as "Programme Number 2" with electronic music, announcement "Warning: Incoming Digital Mode" - followed by Digital stream. Very strong signal. I didn't make any attempt to decode the digital stream. 55555. (Roe-UK)
- 6100 **BOSNIA International Radio of Serbia** Bijeljina, 2150-2213 Nov 24, French program with talks, ID followed by group vocals. IS at 2159 followed by instrumental music and a woman announcer with ID, opening announcements and news. Good until top of the hour when CRI in Spanish messed up channel. (D'Angelo-PA/FCDX)
- 6100 **SERBIA Radio Serbia** 2200 in EE. 'Serbia Today'. 11/11 (Fraser-ME)
- 6145 **ROMANIA Radio Romania International** Galbeni, 0506-0532 Nov 23, Romanian language program with news, news features, IDs and English pop music at 0520. Good signal. (D'Angelo-PA)
- 6145 **ROMANIA Radio Romania Int'l** Galbeni, 12/20, 0545. Romanian. Morning magazine program including Elton John's "Daniel" and talk about Brasov. Powerful signal... 55555. (Roe-UK)
- 6150 **AUSTRALIA Radio Australia** 1300-1315 w nx, weather, mx, fair signal 11/30/14, never heard by me on this freq in NY (Feinberg-SC)
- 6150 **AUSTRALIA Radio Australia** English; 1148-1200 2 m talk abt communications & religion followed by music & ABC National news; good 11/9 (Prodan-ME)
- 6155 **AUSTRIA Radio Austria Int'l** Moosbrunn, 12/20, 0559. German. Sign-on with multi-lang ID (including English) "Radio Austria Int" and into excerpt of Blue Danube, then male "Guten Morgen" and into news. 35333. (Roe-UK)


- 6170 **ROMANIA R Romania Int1** Tiganesti, 11/21, 2145. English. The Future Starts Today: Talk about Moldova and Hit of the Day: "With the Wind". Great signal here in UK. 55555. (Roe-UK)
- 6170 **ROMANIA Radio Romania** English 2134 ref to meeting in the Hague; discussion about largest increase in organ donors in Romania; report from Ukraine; Iran nuclear talks; al Shabab killings in Kenya; good 11/22 (Prodan-ME)
- 6175 **VIETNAM Voice of Vietnam** 0205 Nov 17 W talking 0212 MX br. W cont.0227 local MX. IS, ID Into EE program at 0230 Fair (Ervine-TX)
- 6175 **ALBANIA China Radio Int1** Portuguese; 2223- talk, m & f; heard "Sao Paulo"; 2230 f talking over Chinese music; 2232-36 m "loud 12/5 (Prodan-ME)
- 6925 **PIRATE Radio Free Whatever** 2327-2330\* Nov 16, tune din to hear tail end of a male rock vocal followed by Dick Weed and another male talking about the musical selection and wrapping up the program, gave e-mail address dickweeddj@gmail.com. Good signal. (D'Angelo-PA)
- 6950 **PIRATE WJFK Radio**, 2146-2153\* Nov 23, tuned in to hear PT-109 sung by Jimmy Dean followed by Abraham, Martin and John by Dion. A man announcer came on at 2152 with ID including phonetically before carrier was terminated. Fair to good. (D'Angelo-PA/FCDX)
- 7230 **SOUTH AFRICA Channel Africa** Meyerton, 0422-0450 Nov 24, English program with news and features with Ebola coverage, several IDs, question of the day features. Poor to fair. (D'Angelo-PA/FCDX)
- 7245 **ALBANIA Radio Tirana** Shijak, 11/29, 0235. English. Talk about independence of Albania from the Ottoman Empire, then some traditional Albanian music. 35433. (Roe-UK)
- 7290 **GERMANY Radio Ashna**, Nov 25 at 0052, not an AM ham unless he is speaking Pashto, and conversing with a lady, as in R. Ashna scheduled 0030-0130 (second half in Dari), via Lampertheim, GERMANY; 0053 ID in passing, fair signal. (Hauser-OK)
- 7290 **ROMANIA IRRS Shortwave** Saftica, 12/19, 1859. English. Radio City w/great selection of oldies including three Christmas songs by the Beach Boys... 45333. (Roe-UK)
- 7340 **ROMANIA Radio Romania Int1** Galbeni, 11/29, 0400. English. Usual varied program of "Terra in the 21st Century" about winbreakers to prevent erosion. Later "Truly Romanian" with songs celebrating the Romanian Union of 1918... 55555. (Roe-UK)
- 7340 **CHINA China Radio Int1** Jinhua Chinese 2210+ m & f discussion; fair 12/6 (Prodan-ME)
- 7345 **ROMANIA Radio Romania International** Tiganesti, 0635-0646 Nov 24, English service noted with a woman reading the news followed by various feature segments. Including "Inside Romania". Good signal. (D'Angelo-PA/FCDX)
- 7345 **ROMANIA Radio Romania Int** Galbeni, 11/29, 0330. Spanish. Romanian trad/folk song, then some Jazz music. Later at 0345 Romanian trad/folk mx program... 55555. (Roe-UK)
- 7350 **CHINA China Radio Int1** Kashi French; 1725- f speaking; faint 12/6 (Prodan-ME)
- 7360 **ALBANIA China R Int1** Cerrik, 12/19, 1840. French. YL presenter playing EE pop songs until nx at 1900. 55544. (Roe-UK)
- 7400 **ROMANIA Radio Romania Int1** French 1710-1720 m & f with news items; brief music; 1715 f "vous écoutez au Radio Romanie Internationale h; fair-poor 12/6 (Prodan-ME)
- 7415 **CHINA China Radio Int1** English 2149-54 m & f roundtable discussion, various subjects, incl books & libraries; 2155 station & program IDs, contacts; learning Chinese - zoo animals; good 12/6 (Prodan-ME)
- 7465 **ALBANIA Radio Tirana** Shijak, 2110-2129\* Nov 22, woman announcer with English news until 2113 IS and followed by a program of Albania vocal selections. Closing ID and announcements at 2129 followed by IS before carrier was terminated. Fair to good. (D'Angelo-PA)
- 7465 **ALBANIA Radio Tirana** Nov 25 at 0029 check, R. Tirana's Albanian hour to N America has fair signal with some hum, no QRM adjacent or co ((Hauser-OK)
- 7465 **ALBANIA Radio Tirana** Shijak, 11/29, 2115. English. Music for Liberation Day in Albania. A lot of signal disturbance today... 35322. (Roe-UK)
- 7475 **KUWAIT Radio Free Europe** Russian 2150-59 m speaking; poor 12/6 (Prodan-ME)
- 7480 **SRI LANKA Voice of America** 1745-1758 m speaking; heard VOA tones at 1753; again m; faint 12/6 (Prodan-ME)
- 7520 **SRI LANKA Radio Farda** 2213 pop & rap music; 2217+ m "Radio Farda" then f speaking for a minute or so and more traditional sounding music; 2223 Mama Cass "Dream a Little Dream of Me; both freq fair-good 12/6 (Prodan-ME)
- 7550 **INDIA All India Radio** Bengaluru, 12/07, 2110. English. Film Duets followed by Welcome to Studio One; William Dalrymple in conversation with Murali Krishnan. 45433. (Roe-UK)
- 7550 **INDIA All India Radio** English; 1800-1918+ m Ann news US "firm in commitment to India to defeat terrorism," Congress Party & Independent candidates, fair bec v good 12/6 (Prodan-ME)
- 9175 **CHINA China Radio Int1** @ 2200 in PP. Fair. (McGuire-MD)
- 9390 **THAILAND Radio Thailand** 2032-2045\* Nov 23, man and woman announcer team in English with global news program and several announcements. Nice ID at 2043 followed by familiar bells. Poor to fair. (D'Angelo-PA/FCDX)

- 9390 **THAILAND Radio Thailand** WS Udon Thani, 11/29, 2102. Thai. Nice Thai music (male vocals with music on electronic instrument) and male announcer, followed by talk by woman at 2110. 55444. (Roe-UK)
- 9395 **UNITED STATES Radio France Int'l** Monday Nov 24 at 0643, RFI relay via Global 24 via WRMI, with report from Sierra Leone on school programs via radio (WTFK?), at this hour of night, G24 attains very good signal here. (Hauser-OK)
- 9395 **UNITED STATES Global 24 Radio** via WRMI 1500-1510 w Democracy Now program covering the crisis in Ferguson MO, good signal on 11/25, same show repeated at 1500 11/26, good signal, much better in SC than in NY (Feinberg-SC)
- 9395 **UNITED STATES Global 24** Okeechobee, 11/21, 2200. English. PCJ's "Jazz for the Asking" with great music from Louis Armstrong, Nina Simone and Chet Baker Quartet. Good to hear this programme on shortwave Global 24. 35443. (Roe-UK)
- 9395 **UNITED STATES Global 24** Okeechobee, 11/23, 0735. English. "The Rendez-Vous" with chart from 1969 until 0753 then music fill until 0800. Then Exploration (Science and its impact on Society) with fascinating discussion on The Large Hadron Collider and String Theory, but I'm sorry to say much of this went over my. 45444. (Roe-UK)
- 9395 **UNITED STATES KBS World R** G24 Okeechobee, 11/23, 0900. English. News. 45333. (Roe-UK)
- 9395 **UNITED STATES Radio France Int** G24 Okeechobee, 11/29, 0600. English. Paris Live with news and The Sound Kitchen including Thanksgiving traditions and song "Turkey in the Straw"... 45433. (Roe-UK)
- 9395 **UNITED STATES Global 24** Okeechobee, 12/05, 2200. English. PCJ Radio's The Happy Station with a nice selection of music including a WW2 German propaganda track from Charlie & His Orchestra. 25332. (Roe-UK)
- 9395 **UNITED STATES Global 24** Okeechobee, 12/06, 2300. English. PCJ Radio's Song of India with nice selection of Indian songs... 35433. (Roe-UK)
- 9395 **UNITED STATES WRMI** Miami continuing to monitor programs on "Global 24 Radio"; good 11/19 (Prodan-ME)
- 9405 **GREECE ERTOpen** Avlis, 11/22, 2100. Greek. Talk by woman in studio with man on phone. Scheduled on 9420 kHz. 9935 heard in parallel. Frequency had changed to 9415 when next checked. Very strong signal... 55555. (Roe-UK)
- 9415 **GREECE ERT Open** Avlis, 12/21, 1605. Greek. Presumed news read by man. Nominally scheduled on 9420. 45343. (Roe-UK)
- 9420 **GREECE ERT Open** Avlis, 12/22, 1610. . Music programme with YL presenter including the song "The Twelve days of Christmas". 45444. (Roe-UK)
- 9445 **INDIA All India Radio** Bengaluru, 12/08, 2045. English. A sitar recital in Hindustani Instrumental music, followed by faithfully yours and film music in the program Moods. // 7550 and 11670. 35433. (Roe-UK)
- 9465 **BULGARIA Global 24 Radio** 0509-0536 Nov 22, testing on this frequency a European based transmitter with English announcements, IDs and program called The Rockpile hosted by Raoul featuring vinyl flavored oldies rock music. Fair. . (D'Angelo-PA)
- 9465 **BULGARIA Global 24** Sofia, 11/22, 0620. English. Rock oldies - probably The Rock Pile - in this test Bulgaria. Weak reception here in UK... 15331. (Roe-UK)
- 9485 **GERMANY Radio Gloria Int'l** Bremen, 11/23, 0900. German/English. Oldies music. 35333. (Roe-UK)
- 9500 **UZBEKISTAN CVC The Voice Asia** Tashkent, 1144-1206 Nov 24, Hindi language program of talks with many of them interviews over phone lines. Music bridge and ID at 1200. Fair to good signal with some QRM from CNR1 Shijiazhuang in background. (D'Angelo-PA/FCDX)
- 9525 **ROMANIA Radio Romania** at 0000 in SS. National news. Good. (McGuire-MD)
- 9526 **INDONESIA Voice of Indonesia** Cimanggis, 2047-2102\* Nov 24, French program continuous male vocal selections. Brief woman announcer talk prior to final vocal selection. ID and closing announcements until carrier terminated. Poor. (D'Angelo-PA/FCDX)
- 9570 **CHINA China Radio Int'l** @ 0000 in EE. Rpt on Ferguson. Good. (McGuire-MD)
- 9570 **ALBANIA China Radio Int'l** Cerrik, 12/22, 0045. English. Frontline (court proceedings over dispute about a property). 55555. (Roe-UK)
- 9580 **AUSTRALIA Radio Australia** English 1100-1359 "Saturday Night Country," with Catherine Britt; good, some fades towards end 11/14 (Prodan-ME)
- 9610 **TURKEY Voice of Turkey** Emirler, 2143-2227\* Nov 22, English program with long talks until ID at 2202 followed by multi-lingo IDs and then Question of the Month feature. Poor at first but fair by closedown. (D'Angelo-PA)
- 9610 **UNITED STATES Vatican Radio** at 1230-1259 in SS via Greenville. First six minutes very weak then someone turned up the RF and then boomed in. Very strange. (Turnick-PA)
- 9615 **CHINA China Radio Int** Urumqi 12/04, 1942. German. Magazine programme with man and woman co-hosts, with music and talk about a tourist spot (near Guilan?). 45444. (Roe-UK)

- 9635 **VIETNAM Voice of Vietnam 1** Son Tay, 1146-1205 Nov 24, Vietnamese talks and some instrumental music. Fair signal. (D'Angelo-PA/FCDX)
- 9690 **NORTHERN MARIANAS ISLANDS Radio Free Asia** Tinian, 2106-2129 Nov 23, Korean language program consisting of mainly talks by male and female announcers. Poor to fair but slipping into the mud by time out. (D'Angelo-PA/FCDX)
- 9745 **TAIWAN Kuanghua Chih Sheng (Voice of Kuanghua)** Kuanying, 2017-2027\* Nov 24, man and woman announcers speaking in Mandarin with some light instrumental music. At 2023 woman closed down program followed by light instrumental music until carrier was terminated. Fair. (D'Angelo-PA/FCDX)
- 9760 **UNITED KINGDOM KBS World Radio** Woofferton, 12/06, 1100. English. DRM. KBS Listener's Lounge - this once a week DRM tx is the most reliable chance to hear KBS World R in UK. 16dB. (Roe-UK)
- 9765 **NEW ZEALAND Radio New Zealand Int** Rangitaiki, 11/30, 0950. English. music until 1000, then news followed by Pgm "Hidden Treasures" at 1005 with first song "Liberation" by Martin Bennet. 25332. (Roe-UK)
- 9770 **AUSTRIA AWR** Moosbrunn, 12/14, 2005. Dyula (as listed). Religious songs and talk by man. Tx off at 2025. 55555. (Roe-UK)
- 9800 **PHILIPPINES Voice of America** Tinang, 1353-1417 Nov 24, Korean language program with ID at 1359 followed by "VOA World News" announcement in English before Korean language news and "VOA News Today" announcement at 1405 before features. Poor to fair. (D'Angelo-PA/FCDX)
- 9830 **UNITED STATES WHRI** USA Cypress Creek, 12/22, 0550. English. Water of Life with Doyle Davidson: a song and some talk. 55555. (Roe-UK)
- 9855 **AUSTRALIA Radio Australia** English; 2305-30 "Books and Arts Daily;" interview with author of "Australia under Surveillance"; fair, but faded out by ~2330 12/9 (Prodan-ME)
- 9890 **CHINA CNR 13** China Lingshi, 12/06, 1801. Uyghur. Uyghur song until tx off at 1805. //9420. 35333. (Roe-UK)
- 9915 **UNITED KINGDOM BBC** at 20000 I EE. Rpr on Syria (McGuire-MD)
- 9935 **GREECE ERTOpen** Dec 14 at 0226, ERTOpen is on tonight, but with hum whine in Greek, while 9420 is OK (Hauser-OK)
- 9940 **SWAZILAND Trans World Radio** 1933-1955\* Nov 24, caught close of Lingala service, music box IS followed by French language program. Spiritual talk near closedown followed by ID, closedown announcements and music box IS before carrier was terminated. Fair to good. (D'Angelo-PA/FCDX)
- 9955 **UNITED STATES Radio Prague** via WRMI 1305-1315 w discussion of Czechs in Ukraine, and sports, good signal (Feinberg-SC)
- 9965 **EGYPT Radio Cairo** Abis? 12/09, 2225. English. Pgm about the Environment. Unscheduled frequency here. Scratchy audio. Also heard weakly on 9900 kHz. 45432. (Roe-UK)
- 11580 **UNITED STATES WRMI** 2210 in EE. 'Late Night' feature on comets and future disaster. 11/11 (Fraser-ME)
- 11600 **GERMANY Deutsche Welle** 0500 Oct 25 Time pips ID by W EE. DW NX some topics were European Council, Germany economy, agreement w/Ukraine. 0205 ID. Africa Link w/NX about Africa, MX. Good. (Ervine-TX)
- 11625 **VATICAN STATE Radio Vatican** 2020 in EE. UN address on the plight of indigenous peoples. 11/10 (Fraser-ME)
- 11625 **VATICAN Vatican Radio** Santa Maria di Galeria, 12/21, 1730. English. Church Nx; Carol "First Noel" and talk with Cardinal Arinze of Nigeria about the spiritual preparation for Christmas. 55555. (Roe-UK)
- 11650 **PHILIPPINES Radio Teos (FEBC Radio)** Bocaue, 1548-1601\* Nov 24, Russian language program with vocals and talks in Russian by a male announcer. At 1600 man announcer with Russian closedown followed by FEBC IS. Poor to fair. (D'Angelo-PA/FCDX)
- 11710 **NORTH KOREA Voice of Korea** Pyongyang, 1303-1356\* Nov 24, tuned in during openings series of songs to the great leaders followed by English news at 1309 Fair to good with some fading //9435 was only poor to fair. (D'Angelo-PA/FCDX)
- 11710 **NORTH KOREA Voice of Korea** 1310 in EE. Report on the 'Great Leader' and a new factory. 11/15 (Fraser-ME)
- 11711 **ARGENTINA All India Radio** Nov 25 at 0041, RAE still in Portuguese during this hour, poor over 11710 het, presumed AIR GOS via Khampur until 0045. (Hauser-OK)
- 11720 **FRANCE Voice of Asena** (pres) Issoudun, 11/22, 1735. Vernaculars. HOA style music and talk by man... 25332. (Roe-UK)
- 11725 **NEW ZEALAND Radio New Zealand Int** 0655-0704 Nov 24, program about cyber computer attacks followed by nice ID at 0659 ("Radio New Zealand, the voice of the Pacific"), 5+1 time pips and news. Fair to good. (D'Angelo-PA/FCDX)
- 11735 **ZANZIBAR ZBC Radio** 1956-2016 Nov 23, woman announcer with Swahili talks, ID at 2000, ID and time pips followed by news. Music programming commenced at 2010. Fair signal. (D'Angelo-PA/FCDX)

- 11750 **SRI LANKA SLBC** Sri Lanka Trincomalee, 12/21, 1650. Sinhalese. Sinhalese song; advert then man talks to another on phone (request or dedication, maybe). 25332. (Roe-UK)
- 11750 **GERMANY Adventist World Radio** English; 1545-50 m talking about history of worship services & symbolism of bread & wine; fair 12/6 (Prodan-ME)
- 11775 **ANGUILLA Caribbean Beacon** English 2012 m Ann "you are watching the University Network" and gave tel numbers; then loud guitar music; so a Gene Scott sta; loud and clear 12/4 (Prodan-ME)
- 11780 **BRAZIL Radio Nacional da Brasil** Portuguese 2130+ lots of crowd noise & game excitement, m ann; good 11/22; 0111-0202 nice program of traditional music, "Ciao" at 0202; 0203 "Allo Brasilia" talk & music; good 11/30 (Prodan-ME)
- 11780 **BRAZIL Radio Nacional da Amazonas** Portuguese 2010 music, then m ann "informa"; heard mention of Amazonas & Brasil- better on 11782 12/4 (Prodan-ME)
- 11780 **GUAM Adventist World Radio** English: 1555-1612 music; 1559 m ann "from Guam, this is Adventist World Radio, Sound of Hope"; then off briefly & back at 1600 with m & f ann, ID again as AWR, then "let's begin our program with a song"; fair 12/6 (Prodan-ME)
- 11785 **ALBANIA China Radio Int'l** Cerrik, 12/09, 0830. English. Pgm: "Postcards" with reports from Canada, Cambodia, UK and US. 55555. (Roe-UK)
- 11800 **SOUTH AFRICA NHK World R Japan** Meyerton, 11/30, 1800. English. News and Friends Around the World talking about why the Japanese work so hard... 55444. (Roe-UK)
- 11810 **ASCENSION ISLAND BBC** English 2024 "News Hour" disc of Ebola outbreak & other diseases and recent DNA analyses; ; fair to good 12/4 (Prodan-ME)
- 11840 **BOTSWANA Voce of America** Mopeng Hill, 12/07, 1925. French. Soul USA - Good reception tonight from Botswana relay. 45444. (Roe-UK)
- 11860 **FRANCE Radio France Int'l** Russian 1622-43 m speaking; poor 12/6 (Prodan-ME)
- 11875 **TURKEY Voice of Turkey** Turkish 1608-54 2 m in animated discussion, with callers; 1630 time signal followed by f ann with several minutes of news; by 1645 a game with crowd noise and excited m ann; good 12/6 (Prodan-ME)
- 11880 **AUSTRALIA Radio Australia** 1624-53 music, orchestral/ light classical; poor 12/6 (Prodan-ME)
- 11890 **UNITED KINGDOM Radio Free Europe Russian** 1625-1705 2 m discussion; news at 1700 fair-good 12/6 (Prodan-ME)
- 11930 **UNITED STATES Radio Marti** Spanish 1655-1700 m & f disc, then music; 1700 sta ID & news; fair 12/6 (Prodan-ME)
- 11935 **VATICAN Radio Santa Maria do Galerie** 11/30, 1715. English. Report on the Pope's latest visit abroad as he travels back. 55444. (Roe-UK)
- 11940 **SPAIN REE** Noblejas, 12/19, 2105. Spanish. Program "24 Horas" with national and international news .... And a very warm welcome back to REE on shortwave. 35433. (Roe-UK)
- 11945 **AUSTRALIA Radio Australia** Dec 12 at 0657, R. Australia, poor signal, chat lamenting the passing of the character Steven Colbert (last "Colbert Report" on Comedy Central is Dec 18; (Hauser-OK)
- 11950 **MADAGASCAR Radio Japan** Talata Volonondry, 2049-2100\* Nov 22, French program with talk by a man announcer, brief instrumental music ending program segments and rock vocal at 2056. At 2059 man returned with ID and closedown announcements followed by time pips and carrier terminated. Fair. (D'Angelo-PA)
- 12115 **AUSTRALIA Reach Beyond Australia** 1520-1530\* Nov 24, tuned in to a program about reconciling relations ships hosted by a woman with a man provided address and contact information to buy her book. Poor to fair signal. (D'Angelo-PA/FCDX)
- 13630 **AUSTRALIA Radio Australia** Nov 25 at 0640, RA is VG with report about corruption in the Solomon Islands; also // 12080, 11945, but 15240 is JBA. Once very reliable, 13630 is often inaudible now (Hauser-OK)
- 13745 **THAILAND Radio Thailand** \*0000-0029\* Nov 24, Opening ID followed by brief instrumental music and a man and woman announcers hosting the "live" English program with World News, Business News and Sports Update sponsored by Bangkok Airways. Numerous IDs simply as "Radio Thailand News". Brief carrier break at 0029 but signal returned at much weaker level with news continuing. Fair. (D'Angelo-PA/FCDX)
- 13820 **UNITED STATES Radio Marti** at 1722 in SS. Same old rhetoric in Cuba. Good. (Turnick-PA)
- 15105 **BANGLADESH Bangladesh Betar** \*1228-1300\* Nov 24, familiar IS followed by 5+1 time pips, woman announcer with TC followed by ID and frequency announcements opening English service. News and commentary followed closing with nice musical selections. Fair signal. (D'Angelo-PA/FCDX)
- 15105 **BANGLADESH Bangladesh Betar** 1229-1259 w s/on, greetings to listeners, mx, nx, comm and vocal mx. Fair signal 11/30, much better in SC than in NY (Feinberg-SC)
- 15120 **NIGERIA Voice of Nigeria** 0526-0533 w mx, sports, This Day in History, fair signal faded to poor 11/24/14 (Feinberg-SC)
- 15130 **RUSSIA Radio Svobodnya** in Russian. Woman speaking and clear ID. Into Japanese at 1950. 11/13 (Fraser-ME)

- 15140 **OMAN Radio Sultanate of Oman** 1443-1511 Nov 24, English service with woman talking about celebrating National Day with strong patriotic theme (watch over interest of our country and remain true Arab Muslims") followed by local music until "This is Sultanate of Oman Radio,. Very good signal. (D'Angelo-PA/FCDX)
- 15140 **OMAN Radio Sultanate of Oman** 1400 Arabic from 1400-1430 and EE 1430-1500 with news, sports, reports and music. 11/13 (Fraser-ME)
- 15140 **OMAN Radio Sultanate of Oman** 1401-1431 w classic rock including Bob Seger, John Mellencamp and Journey, IDed as Radio Sultanate of Oman, nx 1430 11/26/14 (Feinberg-SC)
- 15140 **OMAN Radio Sultanate of Oman** Arabic; 1705-15 news (heard refs to Kashmir, India) to 1711, then mid-east music, vocal & instruments; v good 12/5; English 1424-30 pop music; 1430+ headlines & news; poor-fair 12/6 (Prodan-ME)
- 15150 **GERMANY Adventist World Radio** Punjabi; 1519-29 m speaking, "amen" at 1526, followed by Indian music & vocal; 1527 f Ann program ID & contacts "Adventist World Radio... India"; fair 12/6 (Prodan-ME)
- 15180 **CLANDESTINE Radio Hilaac** 1719-1729\* Nov 24, two men with a vigorous discussion in the Somali language. Carrier terminated without any closedown announcements. Fair. (D'Angelo-PA/FCDX)
- 15180 **FRANCE Radio Taiwan Int'l** Russian 1436-40 m speaking slowly; 1541 brief interlude of Chinese music, then talk again; poor, v echoey 12/6 (Prodan-ME)
- 15235 **SOUTH AFRICA Channel Africa** Meyertown English; 1717-31 discussion about Ebola outbreak, reports from New Delhi, Nigeria; end 12/5 (Prodan-ME)
- 15275 **FRANCE Deutsche Welle** French 1724-37+ m & f talk, guests introduced; off at 1759, then back on a minute or so later in (presumed) Hausa; fair+ 12/5 (Prodan-ME)
- 15300 **FRANCE Radio France Int'l** French; 1737-41 poss disc of wildlife in various African countries; extensive news at 1800; fair- good, occas static 12/5 (Prodan-ME)
- 15330 **VATICAN CITY Radio Veritas Asia** Urdu? (Listed) 1538- m speaking; 1448-53 Indian music/song, then f & m Ann; 1455 program ID & contact info, interestingly all numbers were given in English; off at 1457 during song; fair 12/6 (Prodan-ME)
- 15395 **FRANCE Radio France Int'l** Nov 27 at 1438, very good signal with conversation, Farsi? Reverb/echo doesn't help to recognize it: it's really Pashto from RFI, per Aoki during this semi hour only, 500 kW, 85 degrees from Issoudun — nothing else on this frequency for 23.5 hours a day (Hauser-OK)
- 15400 **VATICAN CITY Radio Tamazuj** Arabic; 1505-1511 alt m & f speaking; poor with echo 12/6 (Prodan-ME)
- 15540 **KUWAIT Radio Kuwait** English; 1807-12 religious readings "from the Holy Koran"; poor 12/5 (Prodan-ME)
- 15580 **BOTSWANA Voice of America** at 1902 n EE. Africa Service. Good. (McGuire-MD)
- 15580 **VATICAN CITY Voice of America** English; "African Beat"; v poor 11/28 (Prodan-ME)
- 15580 **UNITED STATES Voice of America** English; 2100-2159 Heather Maxwell from Washington with "Music Time in Africa"; noted singer Chalinga Max died last January; v good 11/2 (Prodan-ME)
- 15720 **NEW ZEALAND Radio New Zealand** 0436-0458 w ID and discussion of Maori representation in the NZ govt, s/off, good signal 11/29/14 (Feinberg-SC)
- 15800 **EGYPT Radio Cairo** Nov 27 at 1432, very poor signal, but enough to tell the talk is much distorted — must be Cairo! (Hauser-OK)
- 17435 **SAUDI ARABIA Radio Riyadh** 1746- talk, announcements, song (f) at 1741; fair, some fades 12/5 (Prodan-ME)
- 17630 **CLANDESTINE Radio Xoriyo Ogaden** Issoudun, 1607-1630 Dec 7, Listed Somali language program with talk followed by Horn of African vocals. Program mainly of talks but some short musical segment breaks between features Poor to fair although beginning to deteriorate by 1616. (D'Angelo-PA)
- 17640 **ASCENSION ISLANDS BBC** 1610-1633 Dec 7, live coverage of Premier League action with Aston Villa and Leicester match. Fair. (D'Angelo-PA)
- 17780 **ASCENSION ISLANDS BBC** 1709-1718 Dec 7, switch frequencies at top of the hour continuing with live coverage of Premier League action with Aston Villa and Leicester. Fair. (D'Angelo-PA)
- 17850 **CLANDESTINE Oromo Voice Radio** Issoudun, 1606-1630\* Nov 24, Horn of Africa female vocals followed by Oromo language talks by several different men from remote locations introduced by announcer in studio. Fair. (D'Angelo-PA/FCDX)
- 17850 **CLANDESTINE Oromo Voice Radio** Issoudun, man announcer with apparent news and news features in listed Oromo language. Nice ID just before carrier was terminated at 1630. Fair but beginning to deteriorate around 1615. (D'Angelo-PA)
- 17870 **CLANDESTINE Radio Xoriyo Ogaden** Issoudun, 1601-1609 Nov 24, man announcer with Somali language announcements followed by Horn of Africa music. Man with news and mention of "Ogaden" during apparent ID. Fair. (D'Angelo-PA/FCDX)
- 25910 **UNITED STATES KLDE** 1632-1654 Dec 6, final heard oldies on this oldies station with Credence Clearwater Revival music. I usually hear Latin music on weekends. Fair. (D'Angelo-PA) 

**28<sup>th</sup> (I) Anniversary  
Winter SWL Fest  
Sponsored by **

February 27<sup>th</sup>-28<sup>th</sup>, 2015  
Doubletree Guest Suites  
640 Fountain Road, Plymouth Meeting, PA

Plan to attend your favorite forums Friday and Saturday! Enjoy meeting with your friends in the Hospitality Room. Bring radio related items for the swap meet or to donate for the Silent Auction. Check out your friends' receivers; bring one of your own for others to try!

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

Please note, there is an incentive for you to pre-register, as prices are more expensive for those who wait. Registration options are also more flexible than in the past, with new one-day and student registrations. **If you wish to participate in the banquet, you must register and inform us that you will be attending by Friday morning, February 27<sup>th</sup>.** If you choose not to participate in the banquet, there are many nearby restaurants.

**Your registration must be postmarked by January 31<sup>st</sup>, 2015 for the best prices; registrations posted after that date are priced higher. See the registration form below.**

**GRAND PRIZE** To be announced

**SPECIAL** Register early to win a sw portable! One free entry for an early-bird registration postmarked by January 31, 2015.

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

Checks should be made payable to WINTER SWL FEST. Register directly with the hotel for your rooms by calling the Doubletree at (610) 834-8300. For 2015, the rate is **\$104** single or double; the rate for 3 or 4 is slightly higher. To get this rate you **MUST** tell the hotel staff you're with the WINTER SWL FEST. **You can also reserve your hotel room online; check for the link as well as updated Fest info, at the WINTER SWL FEST Web Page at <http://www.swlfest.com/> or from <http://www.naswa.net/>.**

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

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

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

**NEW ADDRESS!!** WINTER SWL FEST, P.O. Box 3292, Allentown, PA 18106 **NEW ADDRESS!!**

NAME: \_\_\_\_\_ (SPOUSE'S NAME) \_\_\_\_\_

ADDRESS: \_\_\_\_\_

CITY: \_\_\_\_\_ E-MAIL: \_\_\_\_\_ (REQ. FOR REG. CONFIRMATION)

**CHECK ONE OR MORE**

REGISTRATION POSTMARKED BY  
JANUARY 31, 2015:

- Full (\$80)
- Two-Day no banquet (\$35)
- One-Day no banquet (\$25)
- Full Spouse / etc. (\$65)
- Banquet only (Spouse) (\$45)
- Student (\$10)

LATE OR ON-SITE REG.  
POSTMARKED AFTER JANUARY  
31, 2014:

- Full (\$90)
- Two-Day no banquet (\$45)
- One-Day no banquet (\$35)
- Full Spouse/etc. (\$75)
- Banquet only (Spouse) (\$55)
- Student (\$10)

RAFFLE TICKETS:

- raffle tickets, please  
(\$1 ea./ 6 for \$5/ 13 for \$10)
- Registration Fee Enclosed \$ \_\_\_\_\_
- Raffle Tickets Enclosed \$ \_\_\_\_\_
- Total Check/Money Order \$ \_\_\_\_\_

**Cancellations after February 15, 2015 cannot be refunded, however we will refund raffle ticket money if you have to cancel.**

For more information, visit <http://www.swlfest.com>

# On the Shortwaves

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

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< [www.ontheshortwaves.com](http://www.ontheshortwaves.com) > Update, November 30, 2014 -- The USCGC Courier is best remembered for its decades-long broadcasts from offshore Rhodes, an island in the Dodecanese group, far from the Greek mainland. Previously we have posted a number of items pertaining to the Courier, and we have now consolidated them on one page under "DX History/Stations." The VOA radio ship actually began its broadcasting life during a shakedown cruise to Panama, transmitting from the Canal Zone from April 18 to April 27, 1952 and identifying as KU2XAJ. We have posted two new Courier items from that trip. We are indebted to Henrik Klemetz for supplying us with a recording of one of the Spanish-language announcements that the ship used during the trip. The recording was made by Arne Skoog, editor of Sweden Calling DXers, who played it over the air at the time. We are also happy to have a brochure, "El Courier en Panama," which was issued in commemoration of the ship's visit. It belonged to David F. Thomas, a well-known DXer of the day who lived in Proctorville, Ohio. The brochure, which is mostly in Spanish, appears to have been a local production, and contains many photos. It looks like there was quite a welcome for the ship, and an equally extensive publicity campaign on its behalf. We have also posted several other new items from the Courier, including an attractive ship's patch. The new items are marked "New."

< [www.ontheshortwaves.com](http://www.ontheshortwaves.com) > Update, December 7, 2014 -- The first major DX listeners club in New Zealand was the New Zealand DX Club. It traced its roots to *Radio Record* magazine in 1929 and became independent ten years later. For many years, Arthur Cushen was the shortwave editor of the club's monthly bulletin, *The New Zealand DX-Tra*. Under "DX History/Clubs & Publications" we have posted a copy of the bulletin from January 1946. As you can see, much of it focused on mediumwave reception. The NZDXC closed in 1948. -- And under "Specialized Resources/Wavescan," you will find Adrian Peterson's latest article in the "Focus on Asia" series: "Focus on Asia--The Philippine Radio Story 9 -- General Douglas MacArthur Returns to the Philippines: The Radio Story" (N301, November 30, 2014).

< [www.ontheshortwaves.com](http://www.ontheshortwaves.com) > Update, December 14, 2014 -- If you were buying a good a shortwave receiver in the 1960s, chances are you looked at radios from Hallicrafters and National, two of the best-known manufacturers of the day. Under "DX History/Equipment & Advertising" we have posted two items from these companies: a Hallicrafters brochure from 1964, and a booklet on National receivers (circa 1961, judging from the pictures). -- We have made several changes, including two new items, on our "USCGC Courier" page. You can find the page at the top of the "DX History/Stations" section (these changes/additions are marked "New" in green.) -- And under "Specialized Resources," we have two new "Wavescan" entries from Adrian Peterson: "The Story of the Good Ship Radio Scotland," and "Ancient DX Report: 1909" (both in Wavescan N302, December 7, 2014).

< [www.ontheshortwaves.com](http://www.ontheshortwaves.com) > Update, December 21, 2014 -- I had not run across the name of Edward Ayvazian of West Newton, Massachusetts, in connection with DX until I saw his 1938 publication, "The Radio Listener," which we have posted in PDF form under "DX History/Lists, Logs, Guides & Columns." Although he invited readers to send in various kinds of other info for this "magazine," "The Radio Listener" was basically a list, covering foreign LW and MW stations, plus SWBC. This is the first issue, dated September 1, 1938. It was planned as a quarterly, and there were December 1938 and March 1939 issues, both reflecting the same format as the first. How long "The Radio Listener" lasted beyond that is not known. But this mimeo publication looks like a pretty credible list, and includes for some entries not just station name and location but also address, QSL policy, interval signal, operating schedule, etc. There was an Edward J. Ayvazian, West Newton, Mass. who was a senior at Newton High School in 1939.

North American Shortwave Association  
45 Wildflower Road  
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