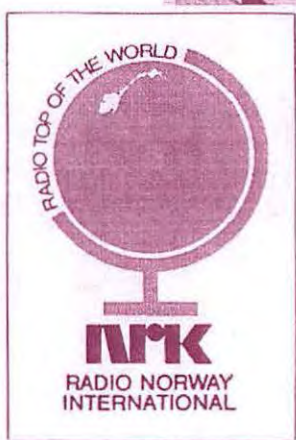
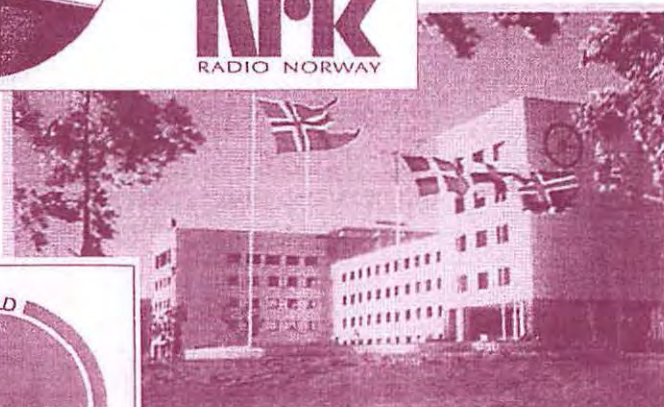


# The **NASWA** Journal

VOLUME XLXIII NUMBER 7

JULY 2014



OSLO 8/3 19 68.  
 DEAR LISTENER,  
 WE THANK YOU FOR  
 YOUR REPORT AND ARE  
 PLEASED TO CONFIRM  
 THAT YOU HAVE HEARD  
 HORSK  
 RIKSKRINGKASTING

RADIO NORWAY  
 ON 21730 KHZ (13.83) 120 KW  
 CALL LETTERS NRK ON 25/2 19 68

SINCERELY YOURS  
*Jorvingthode*  
 SHORT WAVE DIVISION

Oslo, Norway.  
 Oslo Sjømannskirke sett fra sjøsiden.  
 The Seamen's Church viewed from seaward.

17

# Quality Radio Equipment Since 1942

## CommRadio CR-1a



The **CommRadio CR-1a** is a true SDR receiver, but does not require a computer. Enjoy the benefits and performance of state-of-the-art SDR, but in a conventional radio package. The CR-1a SDR is independent of a host PC, using embedded digital signal processing technology that provides a degree of portability and performance previously unavailable to the radio enthusiast. Covers: 500 kHz-30 MHz, 64-260 MHz and 437-468 MHz in AM, SSB, CW, WBFM, NBFM modes. It features a 64 x 128 OLED amber display with EM-lit lens, I&Q output to PC's and Android platforms. PC app 200 kHz spectrum analyzer. The incredible performance is combined with exceptional portability. Powered via USB or 6-18 VDC input. Enjoy *top-shelf* American technology in a compact, metal case. An amazing 5.64 x 2.43 x 6.10" 1.8 lbs.  
CR-1a Order #2002 \$599.95

With FREE  
Universal  
radio go-bag!



### WORLDWIDE LISTENING GUIDE

By J. Figliozzi. Modeled on the author's popular *Worldwide Shortwave Listening Guide*, this new book covers all of today's formats: live on-demand, podcast, satellite, Internet, digital, analog, AM, FM, shortwave and wi-fi. Learn what can be heard how, where and when! Spiral bound 8th Edition. 160 p. ©2013.  
Order #2967 .....\$24.95



### MTXpress COMPLETE ANTHOLOGY 1999-2013

This wonderful compilation includes every issue of *Monitoring Times* from 1999-2013 on one computer DVD. In PDF format and searchable on any word. ©2013 Grove Ent.  
Order #6214 .....\$99.95

## ✓FREE Radio Go-Bag

### ICOM IC-R6-16

The compact Icom IC-R6 is big on coverage, tuning 0.1-824, 851-866.995 and 896-1309.995 MHz in AM, FM Narrow and AM wide modes. The triple conversion circuit provides amazing sensitivity for the size. It has 1300 alphanumeric memories storing:



frequency, mode, step size, duplex direction and offset, CTCSS tone, tone squelch and skip settings. And it can up to 100 channels per second in 7 different scan modes. Frequency steps include 5, 6.25, 9, 10, 12.5, 15, 20, 25, 30, 50, 100 or 200 kHz. It features a large backlit LCD display. Audio Output is 150 mW 8 ohms 10% Dist. The very efficient circuit design offers extended battery operation. The IC-R6 comes with wrist strap, belt clip, two AA NiMH cells, AC adapter and SMA flexible antenna. 2.3 x 3.4 x 1.2" 7.1 oz.  
List #246.00 Order #1006 \$209.98

## ✓FREE Radio Go-Bag

### ICOM IC-R20 Sport

The Icom IC-R20 Sport<sup>SM</sup> has wide coverage from 150 kHz to 3305 MHz (less cellular) in FM, WFM, AM, USB, LSB, CW modes. Advanced features include: built-in 4 hour recorder, 1250 alpha memories, dual VFOs, dual watch, band scope display, auto squelch, atten., lock, RF gain, MW ferrite bar, NL, weather alert, ANL and AF filter. The IC-R20 Sport operates from 4 alkaline AA batteries (not supplied) and comes with: belt clip, battery spacer, BNC telescopic antenna and wrist strap. Optional AC chargers and rechargeable batteries are available.  
List #625.00 Order #6020 \$499.95



## Radio Go-Bag



This insulated bag is great for creating an *Emergency Go Bag* for your radio. It is the perfect size for HTs, scanners and small shortwave portables. There is plenty of room for your radio, batteries, accessories, directories and more. The top is zippered and it has a carry strap plus an open pocket on the front panel. 8 x 6 x 5 inches. Not made by Icom. This Go-Bag will be included FREE with your Icom IC-R6, IC-R6 Sport, IC-R20 Sport, ID-31A or ID-51A for a limited time.

### IC-R6-16 Sport

The Icom IC-R6 Sport version is the same as the regular version above, but *without* the AC charging adapter and without the two AA NiMH batteries.  
List #225.00 Order #2006 \$189.95



### AAS300



The Bonito AAS300 RadioJet 3-way active RF splitter is a great addition to your monitoring post. It allows you to simultaneously share one antenna with up to three receivers. Isolation is 70 dB. Insertion loss is only 1.5 dB. The rear panel features one BNC antenna input and three BNC jacks for output to your receivers. This device is powered from a USB power source (5 VDC at 50 mA). The USB power supply is not included, but a well shielded USB cable is included.  
AAS300 Order #6134 \$339.95

### DC DVM



Here is a low cost way to measure DC volts in the range of 3 to 30 volts. The refresh rate is 500mS. Error is 1%. Size is 24x15x10mm. The digits are 0.36 inches high. Three wires: red power \*\* (3-28VDC), white sense +, black power/sense \*\*.  
DC DVM BLUE Order #0784 \$4.95  
DC DVM RED Order #6165 \$4.95

### Pixel Technologies

### RF PRO-1B

The Pixel Technologies RF PRO-1B magnetic loop antenna provides exceptional MF/HF performance, even in high noise environments.  
RF PRO-1B Order #6142 \$499.99



Quality Communications  
Equipment Since 1942

Universal Radio, Inc.  
6830 Americana Pkwy.  
Reynoldsburg, OH 43068  
800 431-3939 Orders & Prices  
614 866-4267 Information  
614 866-2339 FAX  
dx@universal-radio.com  
www.universal-radio.com

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

## www.universal-radio.com

Please stop by for a look. We offer a wide selection of new and used shortwave equipment, antennas and books.

### UNIVERSAL BUYS RADIOS

Call, email or write and tell us what you have to sell. We can provide a quote, subject to inspection.

+ U.S.A. flat-rate shipping: Under \$50=\$5.95,  
\$50-\$100=\$8.95, \$100-\$500=\$9.95, \$500-\$1000=\$14.95.  
Except Alaska, Hawaii and Puerto Rico.

# NASWA Notes

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

Member **Bill Dvorak** informs us that "The 21st annual Madison-Milwaukee Get-together for DXers and Radio Enthusiasts will be held on Saturday August 16 from 1:00 to 11:00 PM CDT. This year's hosts are NASWA's Bill and Nina Dvorak and the location is their home, 3358 Ridgeway Avenue Madison WI 53704-4327. For further information please e-mail Bill at dxeak@gmail.com (please include "Madison DX GTG" in the subject line), write him at the above address, or phone him at 608-244-5497. Participation by NASWA members is strong every year for this event and this year should be no exception. We hope you can join us!" I have attended past gatherings with many club members and can highly recommend this event.

As Adventist World Radio (AWR) enters into its 43rd year of international radio broadcasting **Adrian Petersen** of AWR recently announced the Annual DX Contest 2014 entitled, "Rare, Unusual, Unique QSLs" - AWR "Focus on Asia" Annual DX Contest. In short, you are invited to check your collection of QSL cards and letters for rare, unusual and unique QSLs from shortwave, medium wave and communication stations throughout the world. You are also invited to log AWR programming to Asia on shortwave, medium wave or FM during the month of September 2014. Here are the details: You are invited to make a list of what you consider to be your rare, unique or unusual QSL cards or letters in your QSL collection. Your list of QSLs can show any number of different rare, unique or unusual QSLs up to a total of 5 QSLs. Your QSLs may verify a wrong transmission channel or an emergency broadcast due to flood, fire, earthquake, turmoil etc., or a transmission from an emergency transmitter, or test broadcasts or first broadcast or last broadcast, unusual propagation, etc. These QSLs can be from any shortwave broadcasting sta-

tion or shortwave communication station or medium wave station located in any country anywhere in the world. Amateur QSLs nor CB QSLs are not valid for this contest. Please state very briefly, no more than one paragraph for each, why you consider each item in your list of QSLs is rare, unique or unusual. You are invited to provide a photocopy of each of the QSLs that are on your list in Part A. Preferably, these photocopies should be in color, though black & white copies may be acceptable. You are invited to prepare three reception reports for the broadcast on shortwave, medium wave or FM of any AWR Asian programming. These broadcasts from Adventist World Radio may be from shortwave, medium wave or FM stations located anywhere in Asia or on nearby Asian islands; or AWR programming beamed into Asia on shortwave from other countries. You are invited to visit a unit of the Seventh-day Adventist denomination in your country and take a photograph of it, preferably in color, though B&W can be acceptable, and submit one picture with your contest entry. The Adventist unit may be, for example, a SW MW FM communication or amateur radio station, radio studio, TV station, TV studio Church building, church congregation, etc. Where possible, you are invited to include three radio cards for the Indianapolis Heritage Collection with your contest entry. These cards may be old or new, and they may be QSL cards, reception report cards, or picture cards of radio stations, etc. Not valid for this contest are amateur cards nor CB cards. This contest will run through the month of September 2014, and all contest entries should be postmarked at your local post office anywhere in the world on any date up to the end of the month of September and they should be received at the AWR post office address in Indianapolis no later than the end of the month of October 2014. Where possible, please enclose

---


---

## Unity and Friendship

return postage in the form of currency notes in any international currency, or mint postage stamps. Please note that IRC coupons are too expensive for you to buy, and they are no longer valid in the United States. Please enclose your postal address label also. There will be a special award for the world winner, one of the Jerome Berg radio history books; and World Radio TV Handbook 2015 for each continental winner. In addition, there will be other special awards as well as AWR souvenirs and radio curios

for many participants. The only address for the "Rare, Unusual, Unique QSLs" - AWR "Focus on Asia" Annual DX Contest is: QSL DX Contest, Adventist World Radio, Box 29235, Indianapolis, IN 46229 USA.

Rob Scott please contact me so we can re-establish your Flashsheet membership. Thanks.


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

## Musings


Jerry Lineback • P.O. Box 1220 • Grantham, NH 03753-1220 • [jerrylineback@comcast.net](mailto:jerrylineback@comcast.net)

Please e-mail musings to [jerrylineback@comcast.net](mailto:jerrylineback@comcast.net) or send to P. O. Box 1220, Grantham, NH 03753. Next deadline is July 23. Thanks to all contributors.

**Richard A. D'Angelo** <[rdangelo3@aol.com](mailto:rdangelo3@aol.com)>, 2216 Burkey Drive, Wyomissing, PA 19610 QSL returns continue to be strong. First up this month are verifications from the two Colombians. Alcaravan Radio - Puerto Lleras verified a postal report with a full data card from v/s Rafael Rodríguez R. (Apartado Aereo 67751, Calle 44 No. 13-67, Bogotá, DC, Colombia) who included station sticker and "Escucho" card for US\$2.00 return postage and La Voz de tu Conciencia - Puerto Lleras verified a postal report with a full data card from v/s Rafael Rodríguez R. (Apartado Aereo 67751, Calle 44 No. 13-67, Bogotá, DC, Colombia) who included station sticker and "Escucho" card for US\$2.00 return postage. Myanma Radio and Television verified an electronic report with a date/frequency Map Card with a short personal letter from v/s Zeyar, Director of Broadcasting. Sri Lanka Broadcasting Corporation - Trincolalee verified an electronic report with a full data "The Beautiful Island of Sri Lanka" card from D. Weeratunga, Deputy Director General of SLBC and Victor Goonetilleke, QSL Secretary. Thanks Victor! PCJ Radio International via Okeechobee verified an electronic report with an electronic reply for their 5th Anniversary Special Broadcast with a full data "Reaching out to listeners for five years" PDF attachment from v/s Victor Goonetilleke who noted "We are sorry for a late reply as we had a huge backlog of reception reports for our anniversary broadcast."

Thanks to our contributor. We would like to have greater participation here. Please send us your comments for "Musings". 73, Jerry. 

### NASWA Facebook Page

Join moderator **Richard Murphy** <[richard.murphy@swri.org](mailto: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. 

# Listening Review

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

Hello and welcome to the Listening Review for July. This month, I have a review of some programs that I heard during a listening session on Saturday 24 May – the start of the Bank Holiday weekend here in the UK.

## China R International

(1530UT on 15245kHz, 24 May 2014)

*The World According To Words* often has an interesting “take” on some aspect of Chinese or World news or social or cultural event or occurrence. As a basis for each episode is a word or phrase that embodies that event or occurrence. Sometimes, the selected word or phrase seems a bit “forced” – almost trying to make something out of nothing – but the result is a varied mix of subjects from week to week. The host (Liu Yan) is joined each week by two guest panelists who discuss and debate the word or phrase. The discussion is described on the program webpages as “spontaneous”, which I assume to mean that the direction of the discussion is decided in advance, but the actual discussion itself is not fully scripted and comes over in a lively and engaging way.

This week’s word is “*Whistleblower*” and poses the question “Edward Snowden: Hero or Traitor?”

The first panelists sit on the fence for this:

Guest panelist 1: “[...] hard to take a definite stance because it all depends on which side you’re on [...] for the US Government and some US citizens he is definitely the traitor because he is betraying the policy of his country [...], for the rest of the world [...] then maybe not a hero but someone to be admired.”

Guest panelist 2: “I tend to think that he is more of a hero than a traitor [...]

the more I think about it, the more heroic I think I really think his actions are [...telling...] the truth behind the Government spying.”

I have to wonder how this discussion would have gone if the Whistleblower had been Chinese – I suspect that it wouldn’t have even been mentioned. The program ends with reference to George Orwell’s novel 1985, where sales have

“... risen by 6,000 percent since Snowden’s revelations. In the dystopian novel, all citizens are constantly spied on by an inner elite party in the government. Banners reading “Big Brother Is Watching You” cover the city and citizens are monitored by the Thought Police, who punish people for independent thinking. Originally published in 1949, the book is the very epitome of the dangers of government surveillance. Now, it certainly seems to be more prophetic than fictional.”

Maybe a bold move to highlight a novel about a government spying on its citizens and the dangers of government surveillance.

An interesting program, which I determine from some other comments referring to Edward Snowden’s birthday, was actually a repeat from June 2013.

## R Romania International

(1700UT on 9540kHz, 24 May 2014)

Today’s broadcast was the usual packed program comprising News, Week in Review, World of Culture, RRI Encyclopedia, Roots, Through the Looking Glass, DX Mailbag, Living Romania, Visit Romania, and The Cooking Show. Phew!

I’ll concentrate this time on just one of those programs: *RRI Encyclopedia*:

This week featured the interesting life of Romanian grand bourgeoisie women in the first half of the 20th century, in particular Princess Nadeja Stirbey.

"Her birth was the result of a stormy love affair. Her father, George Bibescu was the son of ruler Gheorghe Bibescu who stayed on in Paris after finishing his military studies at the Military School of Saint-Cyr.

"Art historian Oana Marinache tells us more: 'George Bibescu caused a scandal when he fell in love with a married woman, Valentine de Caraman-Chimay, who was married at the time to the Count of Bauffremont. Divorce was not an option in the high society of the day, but the two lovers did their best to stay together. The countess already had two daughters but had to leave France and settle somewhere in the Duchy of Saxony, near Dresden, where she could secure a divorce and marry Prince George. Nadeja was born in Loschwitz, near Dresden, on 16th August 1876.' [...]

"She kept a diary and was also very keen on photography. [...] With details on that, here is Oana Marinache again: 'She was one of the most emancipated princesses of her time. [...] She was the main author of most of the family photos included in her albums. For that time and for the Romanian lifestyle, her passion for photography was something modern."

"Princess Nadeja Stirbey died in 1955 in Sinaia, after the communist regime had seized her wealth and her houses. Recently, fragments of her diary also seized by the communists and which can now be found in the National Archives have been published, so that the reading public can have a more accurate image of a world the communists wanted to erase from our history."

Another fascinating feature from RRI ... and there was so much more in the trans-

mission. A reminder that the full program schedule of RRI was given in Rich Cuff's Easy Listening column in last month's edition of *The Journal*.

## Voice of Vietnam

(1700UT on 9625khz, 24 May 2014)

Through the joy of being able to record one station whilst listening to another on my Winradio, I was able to listen back to the Voice of Vietnam's broadcast, transmitted at the same time as the R Romania Int transmission above. Much of the news and comment was concerning the actions of China in placing oil rig Haiyang 981 in Vietnam's exclusive economic zone and continental shelf, claiming Vietnamese sovereignty over the Hoang Sa archipelago, and the illegality of China's actions in International law.

Following the news and comment was **Saturday Report**. This week was an interesting feature on the 1827 World Atlas published by Philippe Vandermaelen in Brussels.

"The World Atlas that comprises 6 volumes with 7 general maps of five continents, 381 detailed maps, 40 pages of statistics and a great deal of information on natural, and political history and mineral geography.

"Professor Nguyen Quang Ngoc, Vice President of the Vietnam Association of Historical Sciences ... says: 'From the early 18th century to the end of the 19th century, maps were drawn up based on the Paris meridian system. The first International Geographical Congress in 1871 proposed creating maps of maritime areas based on the Greenwich meridian. World maps have been drawn up based on the Greenwich meridian since 1886. The difference between the Paris meridian and the Greenwich meridian is 2 degrees, 20 minutes and 14 seconds'."

Of course, the reason for this feature was the historical documentary evidence it provides to support Vietnam's claims to

sovereignty of the region in relation to the location of the Chinese oil rig. the festival.

"[Professor Ngoc: ] "This shows the world's recognition of Vietnam's sovereignty over Hoang Sa, in the Paracels as drawn on the map. This is a precious and accurate document and is invaluable. I have thoroughly studied the atlas and other maps, which all clearly prove Vietnam's sovereignty."

Following Saturday Report was a slightly shortened Weekend Music, which today featured songs about President Ho Chi Minh, which are

"always popular and close to the heart of all the Vietnamese person"

Just two songs; the first was quite patriotic sounding, whilst the second was much more of a traditional Vietnamese song with traditional musical instruments and quite melodic.

## R Taiwan International

(1800UT on 5985kHz, 24 May 2014)

I had first tried RTI's 1600UT broadcast on 15485kHz, but reception was quite poor with increasing fading, so now at 1800UT I am able to listen with excellent reception.

First up is the *News* and *RTI Encyclopedia* (about Taiwan's participation in the World Health Organisation since 2009 as an Observer. Previously, participation had been blocked by China, but they now participate under the name of Chinese Taipei).

The next program was my reason for tuning in today: *Original Waves*, presented by John Van Trieste, and is one of six of my favorite programs on RTI. *Original Waves* features the legends, customs and music of the indigenous people of Taiwan.

Today, the feature was about the Pas-Ta'ay, an important festival of the Saisiyat people that is held once every other year, and discussed some of the rituals held during

At the end of the feature there was an interesting comment on the impact of tourism

*Presenter:* ...the festival has been attracting an increased number of tourists over the past few years [...] How does the tourist influx make the Saisiyat people feel?

*Guest:* For a long time, all aborigines [...] had a low social standing, so many people wanted to introduce our culture to outsiders so they could understand and appreciate it [...] but now there are too many tourists. No-one used to come and watch, but now there are tens of thousands of people. [...] We hope they will come to know the Saisiyat people, but actually even once the festival is over, most of them still don't know anything about the Saisiyat people.

As always, snippets of aboriginal music is played throughout. An interesting and thoughtful program, and I highly recommend it.

Following this was *Feast Meets West*. This is another great program. Hosts Andrew Ryan and Ellen Chu each week feature a three-course menu of topics related to food culture in Taiwan. The format could have been rather twee, but it's a lively and fun program with a great chemistry between the two hosts, which I always enjoy. Take this exchange early on in the program, talking about Ellen Chu's love of pink :

*Andrew:* I was thinking, if I bring anything pink into the studio, you might steal it, and I forgot that I was wearing a pink T-shirt today ...!

*Ellen Chu (slowly):* Take ... it ... off

*Andrew:* Stay away from me, Ellen Chu

*Ellen Chu (faster):* Take it off

*Andrew (slightly away from the microphone):* Stay back from the pink shirt ...

Ellen Chu (*excitedly*): I am just ... I am just obsessed with pink ... TAKE IT OFF!! Haarrggh!! Take it off! – its mine!"

I may be wrong, but the whole exchange sounded completely unscripted and unplanned, and great fun! Great radio!

## WWCR, USA

(2100UT on 15825kHz, 24 May 2014)

At 2100UT, I decide to give *Musical Memories* on WWCR another shot. I listened once before, and felt that it wasn't really my kind of program, however I had included it this time in the Music on Shortwave listing in the May issue of *The Journal* in case it appealed to other listeners. There's nothing complicated about this program – host and musician Martha Gavin sits at a piano and sings hymns and gospel songs, along with various anecdotes in between. Her website at <http://www.musicalmemoriestv.com/> describes the evolution of the program as follows:

" 'In 1988 when our youngest was a senior in high school', Martha says, 'I began to realize that young people like my own five children really didn't know these blessed old songs. That seemed like a real shame because the best of these hymns are timeless. They've endured because they bring a lot of encouragement and comfort to people.' Thus the start of MUSICAL MEMORIES.

"Martha performs hymns and traditional gospel music that cynics may consider passé. However, she says that she started the program to prove those doubters wrong."

The radio programs are also video-recorded, and you can find a number of past episodes at [www.wtjr.org](http://www.wtjr.org) (under Media --> Video on Demand) where she looks like your favorite grandmother or Aunt, but as she bashes out the tunes and talks between songs, she comes across (to me, at least) as a slightly imposing, almost scary, figure.

## Voice of Turkey

(2200UT on 9830kHz, 24 May 2014)

This week was the turn of the Saturday *Letterbox* program (which alternates with DX Corner) and presented by Omar. Omar presented this program "live" – I guess he means live during the first transmission of the day earlier. It certainly sounded live, as Omar ran through the letters before him. One interesting letter was from Grant Skinner, who ends his letter with:

"I do hope that you will continue to use shortwave for many years to come"

Omar replies:

"I have the same hope [...] but the world is moving away from shortwave technology, and moving towards the internet and related technologies, like mobile and wireless networks ..."

I hope that's not the first indications that VoT is thinking of abandoning shortwave.

Following Letterbox, there was a very nice selection of Turkish music. However, I would prefer if they could announce some song titles/artists of the songs played. Maybe it would even be possible to have a theme for each playlist so that the songs are related in some way. I don't know if this is possible - I realize that this all takes time to prepare and understand that staff-time may not permit this. But I have suggested this to VoT just in case it is possible.

There were several other broadcasts of note today, but I think that I'd better stop there.

Who said that there's nothing to hear on shortwave anymore? I hope that the above account of a single listening session proves that there is plenty of good programming still to be heard.

Until next time – 73's Alan



# International Broadcasting

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

## What did the BBG decide about shortwave?

The Broadcasting Board of Governors met June 20 at the headquarters Radio and TV Martí in Miami. Most of the time of the meeting was devoted to Martí (officially Office of Cuba Broadcasting, or OCB) officials detailing the stations' accomplishments plans.

It had been my understanding that the findings of the BBG's Shortwave Committee were to be revealed that meeting, but they weren't – at least not in any public setting. The committee's report apparently has been written, but its contents have not filtered down to my level, nor to the public, at least not yet.

The timing is interesting. US international broadcasting has recently had large audiences in Iraq, by way of Alhurra TV, Radio Sawa, and RFE/RL's Radio Free Iraq. Those big audience numbers in Iraq have been helped by terrestrial relay transmitters inside the country.

A strategy is implied here: To achieve large audiences in international broadcasting, 1) invade the target country, 2) occupy the target country, and 3) use the prerogative of an occupying power to set up local television and FM relay stations.

With the advance of the Sunni ISIS forces in Iraq, TV and FM transmitters used by Alhurra, Radio Sawa, and Radio Free Iraq have been overrun and are no longer available to US international broadcasting. To reach much of Iraq, USIB must now fall back onto high powered medium wave relays and, during daylight hours, shortwave relays. Were situations such as we are now observing in Iraq taken into account in the still undisclosed Shortwave Committee report?

## ¿Radiograma Martí?

Meanwhile, back at the June BBG meeting, the Radio/TV Martí AV presentation showed the various ways their contents gets, or will get, into the very closed country of Cuba. Paper USB drives and mass SMS messages were mentioned. But so was "Radiogram," i.e. the same as the VOA Radiogram concept of transmitting text and images via an analog shortwave broadcast transmitter. I heard the warbling of the MFSK32 and saw the trace of the mode descending in the waterfall of the Fldigi software, with martinoticias.com content printing our above.

Of course, my name was not mentioned, but it's gratifying to know that the VOA Radiogram concept may soon get its first practical implementation by way of "Radiograma Martí" or whatever they eventually call it. And I wonder if this revelation during the BBG meeting clashes with the BBG's Shortwave Committee report?

This reminder that VOA Radiogram is still on the air weekends. Go to [voaradiogram.net](http://voaradiogram.net) for the schedule. It's in the right column. Our main mode is MFSK32. Decode using Fldigi from [w1hkj.com](http://w1hkj.com), or your favorite decoding software. weekends. Go to [voaradiogram.net](http://voaradiogram.net) for the schedule in the right column.

## Shortwave listening Cambodia style

I think one reason for the decline of shortwave is the crappy quality of shortwave radios, generally of Chinese manufacture, sold in developing countries. (To be sure, there are also some good quality shortwave radios now made in China.)

A colleague was recently in Cambodia, where he bought a multiband portable radio for the equivalent of ten US dollars. It is the National N98. "National" is a knockoff of the old Matsushita/Panasonic National brand once widespread in Asia.

In addition to MW and FM, the N98 has generous shortwave coverage: 3-7-4.4, 4.75-5.58, 5.67-6.57, 6.92-7.5, 9.25-10.2, 11.2-12.15, 13.2-14.28, 14.56-15.73, 16.68-17.9 and 21.16-22.55 Mhz. In random order, one frequency in each SW band is printed in green, all the others in black. I have no idea the reason for this other than visual interest. The radio is powered by two D cells rather than the usual AA's. This, along with the analog frequency readout, should provide a long time span between battery changes.

On the front of the radio, in relatively large red caps, is "TV SOUND." The N98, however, does not receive TV sound. At least not intentionally. It might receive TV sound by dint of intermod, because the dynamic range is, characteristically of radios in the price range, poor. Listening in an urban environment with nearby broadcast transmitters is likely to be a frustrating experience.

## Recoil in the tuning


Tuning is difficult, partly because stations are on the dial nowhere near their actual frequency. And, of course, there are images. When tuning a radio with an analog dial, our instinct upon hearing a station is to tune back to zero in on the frequency. Because of a weird recoil in the N98's tuning mechanism, the station is usually not to be found when tuning in the other direction. Searching the dial back and forth does, eventually, usually, find the station. This is no DX machine, but stations with big signals can be heard. I was able to hear my benchmark station, Radio Australia, mornings on 9580 kHz.

I also used the National N98 to receive VOA Radiogram, UTC Sunday 22 June at 0230-0300 on 5745 kHz. This was also a big signal because of the modest distance from Greenville to northern Virginia. Using Fldigi, I decoded the MFSK32 text and images from the N98, and at the same time, using another instance of Fldigi, I decoded the same signal from my Yaesu FT897D transceiver, which is about 100 times the cost of the N98. In some cases, the MFSK32 images from the N98 looked better than those via the Yaesu. The text of the VOA news stories printed out 100%. I did have to retune the N98 a couple of times during the half hour show to compensate for drift.

It was interesting to try out the National N98, but I'm happy now to give it back to my colleague, returning to the happy world of dual conversion and digital frequency readout.

## Fifty years since VOA via CGC Courier

An exhibit at the US Coast Guard Academy in Connecticut is marking 50 years since the last shipboard broadcasts of the Voice of America via the Coast Guard Cutter *Courier*. From 1952 to 1964, CGC *Courier* plied, or was anchored in, waters off Greece. Her transmitters and antennas reached southeastern Europe before land based relay transmitters were available. The exhibit remains open through June 2015. Information at <http://mil-com.me/T1xy0q>.

*Views expressed above are my own. More international broadcasting news at [www.kimandrewelliott.com](http://www.kimandrewelliott.com). See also [voaradiogram.net](http://voaradiogram.net). *

---

## Contribute!

Send your loggings and QSL information off to our Distributing Editor, **Steve Handler** (Address: Steve Handler, 113 McHenry Rd #178, Buffalo Grove IL 60089-1796). He will forward them to the appropriate editor. Remember, Steve also distributes QSL report information and totals for the **Scoreboard** column. He can also be reached through the Internet at: [handlersmail-naswa@yahoo.com](mailto:handlersmail-naswa@yahoo.com).

# Shortwave Center

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

*We commence the midsummer edition of the SWC with a contributed article from the British DX Club, first published in their monthly bulletin "Communications". It seems a fitting topic considering the FIFA World Cup tournament is taking place in neighboring Brazil. Fortunately, as far as I know, no one associated with radio in Uruguay has ever bitten anyone from a competing station. Have a nice cool drink and enjoy!*

## CONTRIBUTED FEATURE

### Radio in Uruguay

by Stig Hartvig Nielsen

(Published by the British DX Club, June 2014)

The first radio station in Uruguay to take to the airwaves was not really local - at least not locally owned. In 1922 U.S. company General Electric opened a radio station. The purpose was solely to make money by selling, not through commercials, but by selling radio receivers. As in other countries at that time, the pioneers who purchased a radio receiver had to pay a licence. One year later in 1923 three commercial radio stations launched in Montevideo. What is today the leading radio station in Uruguay, Radio Monte Carlo, opened in 1924. Later in the 20s and early 30s important stations such as Radio Carve and Radio El Espectador took to the air competing for the listeners. El Espectador later formed a network of four local stations.

In 1930 the government of Uruguay also began broadcasting. SODRE (Servicio Oficial de Difusion, Radiotelevisión y Espectáculos) went on the air. Over the next few years several smaller, local stations began broadcasting, and soon the whole country was soon covered. Both for the radio sector and for other areas this was a good period for Uruguay. Radio stations thrived and Uruguay won gold in football in 1930 at the first World Cup (incidentally also held in Uruguay) and two years earlier in 1928 Uruguay had also won gold in football at the Olympics. Amazing for a football crazy country such as Uruguay.

In 1943 Uruguay was the first country in South America to start television. However, it wasn't until 1956 that television was aired on a regular basis. Before that radio in Uruguay - as in so many other countries - had a good period in the 40s and 50s, which included lots of radio theatre. Television made heavy inroads to the popularity of radio. The TV channels in Uruguay were - then as now - greatly influenced by its large neighbor Argentina, and most programmes were and are being purchased from Argentinian television stations.

In 1963 the government began broadcasting television. This happened in spite of great opposition from the private TV stations in general and the owner of Carve in particular. He didn't believe that the government should 'interfere' in this area. He had not much to fear. State television in Uruguay never became popular; most of its output consisted of narrow, cultural programs - with no popular appeal. Colour television was introduced in 1980 and later cable and satellite TV became widespread.

### When mobile telephony almost killed radio

News, music and entertainment have always been the focal point of radio stations worldwide.

Radio theatre flourished in the 1940s and disappeared in the 1960s. Talk radio came to Uruguay in the 1970s and 80s. And music radio stations underwent changes to tighter

formats. There was also a very significant change in programme content, which simultaneously removed a large part of many radio stations' revenue base. In most first world countries it has been a very common thing for ages to be able to phone friends in the other end of the country. Not so in most countries in Latin America, Africa and Asia. When people were invited to a wedding or a funeral or wanted to send birthday greetings etc. - then they would utilise the radio stations sending the message over the airwaves in form of 'comunicados'. The modest fee was a good revenue base for the radio stations. These 'comunicados' disappeared as mobile phones became widespread.

## FM and local radio

In the 1980s FM flourished. At the same time the large and well-established radio stations faced competition from local stations, which initially were broadcasting without licences, but gradually the stations became legal, under the conditions that they had to use low power transmitters and were not allowed to air commercials. But the new local stations were creative - they found loopholes, became popular and today they are providing significant competition to the big, established radio stations. A growing number of radio stations in Uruguay find it difficult to make ends meet, and several have gone bankrupt. Most stations have few or no employees. Typically, the employees at the radio stations are working there on a volunteer basis and most have a paid work alongside. Only the major radio stations in Montevideo, owned by a few rich families generate a profit. The stations that do best cater for the affluent middle and upper classes in Uruguay; stations such as Radio Sarandi and Radio El Espectador.

## Shortwave in Uruguay

The first radio station on short wave in Uruguay was Radio Continental in 1937. It was established by two Argentinians and they tried to cover Uruguay and Paraguay as well as northern Argentina with 2 kW

on 6000 kHz. The radio station did actually quite well, but during

World War II the owners supported Nazi Germany and, in 1943, the radio station was bombed by local anti-fascist activists - and never returned to the airwaves.

At about the same time SODRE commenced on short wave. Signal strength was modest. From sometime in the 1970s SODRE aired a daily half-hour international service on short wave. Since February this year, SODRE - or Radiodifusión Nacional de Uruguay which is its real name now - has broadcast on 6125 kHz with a modest 300 watts. The station's short wave transmitter has for many years been lacking four 813 tubes, but in the beginning of 2014 they got hold of two of these tubes and were able to return to the air with weak signal strength. Radio Nacional de España is also on 6125 kHz (2300-0600 UTC) with several hundred kW, so the chance of hearing Uruguay outside the local area is slim.

Radio Monte Carlo was also on short wave (6140 and 9595 kHz) for some years; broadcasts included programmes from Italian RAI. The best known sw station from Uruguay among DXers is probably Radio El Espectador which until the 1990s could be heard on 11835 kHz.

Among other stations in recent years were Banda Oriental on 6155 and Emisora Ciudad de Montevideo on 6010 and 9650 kHz. Recently there have been few and sporadic broadcasts on sw from a couple of local stations in the provinces - including Radio Sarandi del Yi on 6045 kHz, and the local station most recently observed on short wave by DXers was La Voz del Artigas - from the very north-northwestern part of Uruguay, close to the border with Brazil on 6075 kHz in the summer of 2012.

The station itself says - on a par with Radio Universo on 6055 - that they are on the air on short wave or just have some technical problems, and will return soon. In addition a couple of semi-pirate stations have been monitored both in Brazil and Argentina.

For many years there were few sw listeners in Uruguay. Unlike in Argentina, where previously there were many and Brazil where short wave is still used on a large scale. The real reason for sw in Uruguay was primarily prestige - it gave publicity and was good marketing. There is also evidence that some stations have broadcast on short wave from a more hobby-related perspective out of interests from the owners of the stations - including some owners or chief engineers who were radio amateurs.

## The Future of Uruguayan Radio

Medium wave stations combined have a share of 70% of all radio listening in Uruguay, whereas FM only accounts for 30%. But in a few years there is no doubt that these figures will be reversed. The middle-aged and the elderly sneer at their nose at FM. They claim that FM is only for the youngsters and barely anything else that cheap pop music, inane phone in programmes and some trivial small talk. But like everywhere else in the world there are increasing problems with interference on mw from all sorts of modern electronics. And the audio quality obviously is better on FM. And there are no mobile phones which can receive medium wave. Some also argue that medium wave stations in Uruguay are not as dynamic and adaptable, as is the case in neighbouring Argentina. The future is undoubtedly FM. There is nothing to suggest that mw will be able to maintain its current market share, and besides - there is absolutely no talk about digital radio in the form of HD Radio (IBOC) or DAB/DAB+.

## Conservative Radio Stations

In Montevideo, there are some 50 radio stations competing for advertising revenue and for listeners. Everyone agrees that it's too many. Uruguay's former president issued a series of new broadcasting licenses, possibly to make himself popular, but it is difficult for the authorities to limit the number of radio stations. Currently there is no way of obtaining a licence to set up a new radio station in Montevideo. Maybe you can buy an exist-

ing station. An FM station costs well over £1m, while a mw station may be for around £300,000. And we are only talking about the licence for the AM frequency. Equipment, facilities and personnel are additional.

The authorities in Uruguay however are very wary not to follow what happened in Mexico, where a Spanish company acquired a large number of radio stations. The government wants to prevent the country's radio stations to be acquired by foreign entities, and it also seeks to prevent one company becoming too dominant. Thus no company may control more than max. 3 radio stations. Another problem is that virtually all of the old, big radio stations - and, indeed, TV stations and newspapers - were/are closely connected to one of the two major conservative parties - Blanco and Colorado - which previously dominated political life in Uruguay. The media tried to prevent the leftist Frente Amplio party coming to power but in vain. Today, Blanco and Colorado have no popular support, but virtually all radio stations continue to support these two far-right parties. Radio Rural in particular could be described as very conservative, while Sarandi, Carve and Monte Carlo could be described as conservative. El Espectador is now more considered a moderate centre-right station.

Practically no station in Uruguay supports the current leftish government. The exceptions being the state radio and the left-wing Radio Nacional. The government tried to moderate the content on conservative radio stations and apparently the worst hate speech has disappeared. The government has also opposition on the left. The far left is critical towards the pragmatic reform line adopted by Frente Amplio, and this part of the left has its own radio station: Radio Centenario La 36 operating on 1250 kHz.

New legislation for the radio sector is perhaps on the way. The government has promised public hearings on the matter. Many believe that there are major changes in the media landscape on the way in Uruguay.

Frequency spectrum planning on mw in the capital Montevideo was done so that in

Montevideo generally no radio stations from Buenos Aires were audible – even though the two capitals are only some 200 km apart. It was all about maintaining sovereignty over the big neighbour to the south. Uruguay was successful in this respect in Montevideo but not in the rural areas, where there was hardly any difference in signal strength between radio stations in Montevideo and Buenos Aires. So in the interior of Uruguay for decades people listened to tango and radio drama from Argentina.

Most popular AM-stations in Montevideo

## RADIO HISTORY AND BOOK REVIEW

### Adrian Peterson's Diary

# Australian Radio History

A most remarkable compendium of radio history comes from Dr. Bruce Carty, under the title, *Australian Radio History*. This lively and colorful presentation of more than 100 pages is amply illustrated with early radio memorabilia that vividly portrays the more than 100 years of collective wireless and radio history throughout the continent of Australia.

An introductory timeline, stretching from the ancient 1906 right up to the modern 2009, gives a progressive view of wireless and radio events throughout the Commonwealth, beginning with Australia's first official wireless communication (across Bass Strait to Tasmania) and ending with the introduction of digital TV in five state capital cities. Also listed is a brief life sketch of many of the leading radio personnel in the early days of radio history in Australia,

Several feature articles tell the story of early significant events in full detail. Among these interesting feature articles is one that lists and describes early radio receivers manufactured by the well known radio company in Australia AWA. This listing in the year 1926 describes the crystal set receiver as well as the more recently developed superheterodyne receiver.

1. Radio Montecarlo – 930 kHz

2. Esport 890 – 890 kHz

3. Radio El Espectador – 810 kHz

Most popular FM-stations in Montevideo

1. Aire Premiere – 100.3 MHz

2. Oceano – 93.9 MHz

3. Radio Cero – 104.3 MHz

Another feature article tells the story of a portable shortwave transmitter in use for remote broadcasts by mediumwave station 2UW in Sydney in 1932. This transmitter with its associated equipment was carried by two men, and the occasion was the long list of celebrations for the official opening of one of Australia's major tourist icons, the Sydney Harbour Bridge.

Another feature article tells the story of an important amateur radio broadcasting station in Brisbane back during the 1920s. This station, 4CM, was owned and operated by Dr. Val McDowell with 20 watts on 800 m (375 kHz longwave) and it was heard throughout eastern Australia as well as in New Zealand, and also on Ocean Island out in the Pacific some 2,000 miles distant.

Every mediumwave callsign ever in use in Australia, all 700 of them, is listed chronologically by state, with an outline history of each station; experimental, amateur broadcast and fully licensed radio broadcasting stations. We take a look at some of the interesting facts that Dr. Bruce Carty has listed in his new book:-

- Australia's first licensed radio broadcasting station was not 2SB-2BL as often

quoted but rather station 2CM which was granted License No 1.

- All the fish in the aquarium at 2KA died during the first day of operation at their new studios in Penrith, New South Wales.
- Radio station 6WF in Perth opened with the use of a 10 kW transmitter obtained from Radio Luxembourg in Europe. The original 6WA transmitter also came from Radio Luxembourg.
- Australian personnel have established radio broadcasting stations at 6 different locations in Antarctica.
- Station 2UW in Sydney operated a relay station 2UX in Wagga Wagga with all programming on relay from 2UW via the well known shortwave station VK2ME.
- Station 2BH in Broken Hill relayed some of the programming from 5AD in Adelaide which was recorded and sent by train to Broken Hill.
- In 1946, station 2XL in Cooma reported that a railway train was lost and they asked any listeners if they knew where the train was located to report the information to the radio station.
- In 1933, 3KZ in Melbourne used all available hair dryers from one of their client advertisers in order to keep their transmitter on the air during floods.
- The announcer at 3AK in Melbourne lowered a rope from the open studio window to which the morning newspaper was tied. He retrieved the paper each morning and from its pages read the bulletin of early morning news.
- All local train services were suspended when the tower at 3WR Shepparton fell across the railway line in 1934.
- The announcer at station 5CL in Adelaide held the microphone outside the studio window to broadcast the hourly chimes from the clock on the GPO building.

Throughout the book, there are many illustrations, some in black & white and some in color. On an introductory page, you will find the reproduction of the front page of a brochure advertising Australia's first serious attempt at radio broadcasting from a train; the Great White Train with station 2XT aboard. There is a photo of the good ship "Kanimbla" with its 50 watt broadcasting station 9MI aboard.

You will also find a QSL card in color from Australia's first radio broadcasting station station 2CM; a photo of 3YB aboard the motor vehicle and the railway train; a reproduction of the motor vehicle license plate showing 7HO on 864 kHz; and a photo of the mobile broadcasting station "in the islands", 9AO.

The author of "Australian Radio History", Dr. Bruce Carty, has spent a lifetime in Australian radio in several different states and he writes from a rich knowledge and experience in the radio scene. We are grateful also, Dr. Carty, for your acknowledgement of our DX host, Dr. Adrian Peterson, in your informative pages. Dr. Carty may be contacted at [Bruce.Carty@bigpond.com](mailto:Bruce.Carty@bigpond.com).

## Surprising Information: Radio Broadcasting in the Islands of Antarctica

One of the most interesting items in this almost one hundred page large format book provides a glimpse into an aspect of radio history that was completely new to us. Dr. Carty presents the outline story of six radio broadcasting stations in Antarctica that we had never heard about before.

These stations, some on mediumwave and some on FM, and all quite small, have been located on islands in the Antarctic, and also on what is understood to be mainland Antarctica. This is what Dr. Carty reveals about these stations, all of which have been installed on Australian territories in Antarctica.

Back in the year 1948, a 20 watt medium-wave transmitter was inaugurated on Heard Island under the callsign OHI. The international prefix for amateur radio operators in these territories is the letter O, and the HI in this callsign OHI stands rather obviously for Heard Island.

This lonely radio broadcasting station took an off air relay from the mediumwave station 2NZ which is located four thousand miles away at Inverell in the state of New South Wales on mainland Australia. When

propagation was poor and the signal from station 2NZ could not be received satisfactorily, then the relay station OHI on Heard Island remained off the air.

In 1954, the Australian Antarctic base on Heard Island was closed and transferred a thousand miles further south to Mawson Base on mainland Antarctica. At this same time, radio station OHI on Heard Island was closed and much of the equipment was also transferred to Mawson where it was reactivated under a new callsign, OMA, with the letters MA standing for Mawson.

Ten years later at Mawson Base, an old radio transceiver originally in use in a taxi in Australia was converted for use as a mediumwave broadcast station and programming was received on shortwave from the BBC London and the ABC in Australia and relayed live to local personnel at Mawson. Currently, station OMA is on the air on FM, where it identifies as Radio Blizzard.

In 1957, the American navy established their Antarctic operations at Wilkes Base, on mainland Antarctica. Two years later, this facility became a joint operation with Australian participation. Then, two years later again, an Australian who was previously station engineer at commercial station 3UZ in Melbourne, Australia, constructed a 5 watt mediumwave transmitter tuned to 1573 kHz.


This radio broadcasting station, with the rather appropriate callsign KOLD, was on the air during the day with pre-recorded tapes from a local mediumwave station in the United States, WLEE. During the evening, volunteers acted as disc jockeys with live

programming. In 1966, another engineer constructed a larger mediumwave transmitter; though two years later the jointly operated base at Wilkes was closed and the radio equipment was transferred to the Australian base at Casey, a mile or so distant.


That transfer was in 1968, and the KOLD transmitter from Wilkes Base was installed in the chapel at Casey Base, where the callsign was changed to OCY, with the letters CY standing for Casey. When reception was good, station OCY relayed live the programming from Australian mediumwave stations in coastal areas, including 3UZ and 3XY in Melbourne, 5AN in Adelaide, and 6KG inland at Kalgoorlie in Western Australia. These days station OCY is on the air on FM 102.5 under the slogan callsign COLD.

Another radio station on an Antarctic island was OMI, Macquarie Island. This little radio station used a CD player for providing music programming for local temporary residents.

Then at Davis Base on mainland Antarctica, there was a station with the callsign ODA. These days it identifies as ICY.

And that's the story of six little mediumwave and FM stations operating on Antarctic islands and on the Antarctic mainland, all of which were unknown to us beforehand. The only place you can read about all of these intriguing little radio broadcasting stations is in the recent book published by Dr. Bruce Carty, Australian Radio History. Dr. Carty requests any additional information that anyone might have about these unique little radio stations in the Australian Antarctic Territories. 

## 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. 

# Listener's Notebook

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

Times are UTC and frequencies in kHz.

## ANTARCTICA LRA36 Radio Nacional Arcángel San Gabriel:

1830-2130 15476 123456

QTH: LRA36 Radio Nacional Arcángel San Gabriel, Base Esperanza, 9411 Territorio Antártico Argentino, Argentina. E-mail: lra36@infovia.com.ar. (Conexion Digital/ARDXC)

## ARGENTINA RAE, Radiodifusión Argentina al Exterior:

Lunes a Viernes:

0900-1000 6060, 15345

1300-1500 6060, 15345

2200-2400 6060, 11710, 15345

QTH: RAE, Casilla de Correo 555, Correo Central, (C1000WAF) Buenos Aires, Argentina. E-mail: rae@radionacional.gov.ar. (Conexion Digital/ARDXC)

## LRA-1 Radio Nacional Buenos Aires:

2000-0230 6060, 15345 6

1800-0300 6060, 15345 7

QTH: Radio Nacional, Maipú 555, (C1006ACE) CA Buenos Aires, Argentina. E-mail: buenosaires@radionacional.gov.ar. (Conexion Digital/ARDXC)

**AUSTRALIA** 3210, Jun 7, 1231, *Vintage FM* relay, 1231-1303. Continues with decent reception at my local sunrise; many IDs; playing ballads and rock & roll songs ("Everybody's Somebody's Fool," "See You Later, Alligator," etc.); almost up to fair reception even with summertime QRN. June 6 and 7 noticed Vintage FM did not change the music era to the 1940s after 1300, as recently heard, but continued with rock & roll; on 6th at 1322 with Elvis singing "Hound Dog" (Howard-CA/SWBulletin)

4835.02, 2115-2140, 23.05, *VL8A*, Alice Springs, NT English ann, pop songs, news. 35222. Carrier, but no audio on 4910. No signal on 2325, 2485 or 5025. (Anker Petersen-Denmark/PlayDX)

15524.992, *HCJB* Kununurra played popular song "be happy ... don't worry ..." at 2349 in their Man-

darin program, S=7 or -84dBm. (Wolfgang Büschel-Germany, wwdxc BC-DX TopNews June 6)

**AUSTRIA HCJB the Voice of Andes** in Russian/Chechen, instead of Bible Voice Broadcasting in English was noted on June 7 at 1721:

1715-1800 on 15215 MOS (DX Re Mix News, Bulgaria) Back to the normal transmission of BVB in English at 1805. (DX Re Mix News, Bulgaria)

**AZERBAIJAN** Frequency change of *Ictimai Radio*. Very awful modulation/audio during the time period 13-19 at least and at other time, maybe even 24 hrs.

1300-1900 NF 11760 secret/hidden site to CeAs Azeri, ex 9677.5v. *Between 1700-1900 totally blocked by R. Liberty in Russian.* (DX Re Mix News, Bulgaria)

**BAHRAIN** 9745USB+carrier, *R Bahrain*, Abu Hayan, 0205, Jun 08, Arabic, songs, 35443. (Beryozkin-Russia/DX Window)

**BANGLADESH** 4750, *Bangladesh Betar - HS*, at 1236-1243 on June 9 (Monday). RRI Makassar continues to be absent here; usual YL with the Monday only SAARC (The South Asian Association for Regional Cooperation) news bulletin in English; many items about the Pakistan; 1243 ID and into news in Bangla. (Ron Howard-CA-USA, wwdxc BC-DX TopNews June 9)

**BOLIVIA** 4699.96, *R. San Miguel*, Riberalta. Heard over several evenings but strongest on 25/5 with music and talk but no ID around 1100, faded by 1110 on 25/5. (Wagner-Australia/ARDXC)

5952.40, May 27, -0227\*, *Radio Pio Doce* - The best heard in a while; distinctive whistling "Colonel Bogey March" (commonly known as the River Kwai March), along with ID at 0202 (a first for me - had never before heard it during their regular programming, only heard in the past at sign off); two YL chatting; 0226 again with whistling "Colonel Bogey March" and ID; 0227\* (off with no chimes tonight!). The "Colonel Bogey March" certainly makes for an easy ID. (Ron Howard-CA/SWBulletin) 5952.5, Jun

3, Emisora Pio XII, 0045-0055, Have a weak signal here of a male in Spanish. Emisora Pio XII is sharing the freq with a heavy amount of splatter that makes it difficult to pull out the comments. There's actually two males in comments on the frequency. The Signal was poor. (Chuck Bolland-FL/SWBulletin) 5952.49, Emisora Pio XII, Siglo XX, 0009-0023, Jun 07 and 08, Spanish sermon, Quechua talk, 35443. (Beryozkin-Russia and Méndez-Spain/DX Window)

6025, Jun 5, 0200 *Red Patria Nueva*, has been strong for some time. QRM on the low side but listening on USB solves most of those problems. (Arne Nilsson-Sweden/SWBulletin) 6024.97 on May 26 at 2356. Red Radio Patria Nueva, La Paz, with very good signal. Noted on May 30 with sign off at 0357. On June 3 noted with good strength at 0400 UT "Red Patria Nueva presenta..." (Thomas Nilsson-SWE, wwdxc BC-DX TopNews June 8) 6024.97, Jun 9, 1000, R. Patria Nueva, 1000:20 canned ID by W before the next hour of nx. The morning reception here has been QRMed by Marti and the jammer on 6030, but the evening reception is clear in the half hour before Marti comes on 2330-0000 (China fades out). (Dave Valko-PA/SWBulletin)

6155.13, 0020-0035, 03.06, *R Fides*, La Paz (presumed). Reactivated! Spanish talk by some persons. 24232. Side band QRM from 6150 and 6160. At 2240 only carrier heard, but no audio. (Anker Petersen-Denmark/PlayDX) 6155.14, May 27, 0003, Radio Fides. First sign of their reactivation on SW. Quite decent strength. ID heard at 0003. Regular since then. Also noted on June 6 & 7 at 2220 on 6155.13. Also noted on June 7 at 2256 until CRI starts with a tremendous signal at 2258. (Thomas Nilsson-Sweden/SWBulletin) 6154.90, R. Fides, La Paz; at 2305 on Jun 16; prgm: "El hombre invisible", ID on passing: "Han sido dos actividades en que el grupo Fides se ha venido preparando..." news. 44444. (Pedro F. Arrunátegui-Perú/DXplorer)

**BOSNIA International Radio Serbia** was off the air for several days in mid-May because of the severe flooding in the Balkans which has affected the Bijeljina area of Bosnia where the transmitters are located. Noted back on the air on 6100 kHz on around 20 May, English at 2100. (British DX Club)

**BRAZIL Radio Gaucha** Chooses AEQ: Brazilian regional media group Radio Gaucha has refurbished its main studio facilities with AEQ digital equipment. They have added four new on air

radio studios and one new master control room. This project was coordinated by RBS Engineering Department in collaboration with the technical services of AEQ-Madrid and their technical staff sent on location to Porto Alegre in Brazil. Two radio studios are based on AEQ Arena digital audio mixers with 35 motorized faders set in the control surface and a redundant power supply, offering 24 analog inputs/outputs, 24 digital AES inputs/outputs and eight microphone inputs. The third on air studio uses another AEQ Arena digital mixer of 15 faders. The remaining radio studio is equipped with an AEQ Forum digital console that includes a 12-fader control surface with 16 analog inputs and five mics. There is also a fifth Arena mixer available as a backup for all of the studios. The master control room was designed to work with an AEQ BC2000D digital central router that includes a seven-chassis core interconnected using multichannel optical fiber links — 260 analog in/out, 96 digital AES in/out and 12 microphones. All the radio audio signals in the central facilities of Radio Gaucha are managed by the central digital router, so AEQ equipped this system as 100% redundancy, including dual control modules in all the nodes, dual power supplies for all of the chassis and numerous DSP processors for backup. Control of the AEQ BC2000D router is decentralized via PC distribution in the studios, as well as from 14 AEQ NCB100 XY panels for quick local access. All interfaces are controlled by passwords associated with different user profiles and access levels. The connections between new digital on air radio studios and the central control router were designed using MADI (AES10) links over dedicated optical fiber, allowing each of them to transport up to 64 independent audio channels (with AES3 digital quality), so the audio signals in any of the studios can be sent for analysis, operation, processing or distribution throughout the building. AEQ completed this project with additional AEQ accessories such as monitors, signaling equipment, AM/FM receiver and prepared cabling configurations. (Radio World International NewsBytes)

World Cup Brasil 2014 on shortwave from June 12 to July 13:

0500-0200 on 4845 *Radio Meteorologia Paulista*  
0000-2400 on 4885 *Radio Clube do Para*  
0000-2400 on 5970 *Radio Itatiaia*  
0000-2400 on 6090 *Radio Bandeirantes*  
0000-2400 on 6180 *Radio Nacional da Amazonia*  
0000-2400 on 9645 *Radio Bandeirantes*

0000-2400 on 11780 **Radio Nacional da Amazonia**  
0900-0400 on 11915 **Radio Gaucha**  
0000-2400 on 11925 **Radio Bandeirantes**  
(DX Re Mix News, Bulgaria)

4785 **R. Caiari**, Porto Velho. Music programming at 1035, noted to f/out 1050 on 25/5. One of the stronger Brazilians on this night (which is not saying much because the noise was way up, too). Regularly heard last year, so I'm expecting the same in 2014 (Wagner-Australia/ARDXC)

4815 **R. Difusora Londrina**, Londrina. Noted with a weak signal on both 23/5 and 25/5 around 1015 on both occasions. Dance music and rapid anncts were featured on both occasions. Quieter atmospheric conditions would have helped here...but not to be! (Wagner-Australia/ARDXC)

4845, **R Cultura Ondas Tropicais**, Manaus, AM, 2358-0002, Jun 07-08, Portuguese, music, 25442. (Beryozkin-Russia/DX Window)

4875.07v **R. Difusora Roraima**, Boa Vista. Lively music programming and bright anncts at 1020. R. Roraima ID noted on several occasions, especially at 1029 with chimes. In the past, this station wondered around the band somewhat (sometimes as high as 4878), so it will be interesting if it continues its roaming's in 2014! Fair to poor on 20/5 (Wagner-Australia/ARDXC)

4885 **R. Difusora Acreana**, Rio Branco. Fair to poor signal on 20/5 with morning preaching at 1035, followed by light music. On most occasions, ID's as "Radio Difusora Acreanas, A Voz das Selvas". This was a regular station last year, so the signal should improve over the next month or so. (Wagner-Australia/ARDXC) 4885.00, 2245-2255, Jun 19, R. Clube do Pará, Belém, PA. Excited football report, ID: "Rádio Clube". 35233, (Anker Petersen-Denmark-Denmark)

4985.00, **R Brasil Central**, Goiânia, GO, 0005, Jun 08, Portuguese, music, 35343. (Beryozkin-Russia/DX Window) Also heard at 0340-0400, Jun 07, Portuguese talk about "Musica", Brothers of Brazil singing a pop song, ID, 12221 CQWRM // 11815 (35233). (Petersen-Denmark/DX Window)

5999.99, **R Guaíba**, Porto Alegre, RS, 2356-2359, Jun 07, long ID at 2359. First thought was RNB, but programme not in parallel to 6180 and no sign at all of RNB on 5999.6. Alone on the frequency. (Nilsson-Sweden/DX Window)

6104.68, on June 4 at 2125, **Radio Filadelfia**, Foz do Iguacu, PR, drifting around, noted on 6104.71 on June 3 with closedown at 2308\*. China blocks the frequency with their sign on at \*2301. (Thomas Nilsson-SWE, wwdxc BC-DX TopNews June 8)

9586.61 **Super R. Deus é Amor**, São Paulo. Music and relaxed preaching at 0515, fair to weak at times. Nice to hear this, last year this freq. was not monitored at all in Mount Evelyn. Running // 9565.1 and 11764.76 kHz on 23/5 (Wagner-Australia/ARDXC)

9645.4 **R. Bandeirantes**, São Paulo. A weak but readable signal at 0545 with music programming, ID at 0600 then a brief burst of news headlines, 23/5 (Wagner-Australia/ARDXC)

9818.75, **R. Nove de Julho**, São Paulo. Radio Aparecida px called "Come A Mae Aparecida " (Together with Mother Aparecida ) on 1/5 at 0443 w/"A Song Of Joy" in PP, ID in PP etc. //5035 (Pankov-Romania/ARDXC) I suspect this might be R. Nove de Julho, São Paulo. Very weak and way off-freq with talk at 0615, 23/5. (Wagner-Australia/ARDXC)

11780.00, 2010-2100, Jun 12 + 14, **R. Nacional da Amazônia**, Brasília, DF. Excited reports in Portuguese from World Championship in Football with matches Brazil-Croatia and Uruguay-Costa Rica; ann "Goooooooooall!" when Costa Rica scored its 3rd goal. ID's noted at 2014 and 2027: "Rádio Nacional". 45343. (Anker Petersen - Denmark)

June 1, 2014: Twenty-seven special stations (one for each Brazilian State plus the Federal District) with ZX14 and ZY14 prefixes will be active from 1 June to 30 July to celebrate the 2014 FIFA World Cup, which will be held in Brazil from 12 June to 13 July: ZX14AM, ZX14BA, ZX14CE, ZX14DF, ZX14MG, ZX14MT, ZX14PE, ZX14PR, ZX14RJ, ZX14RN, ZX14RS, ZX14SP, ZY14AC, ZY14AL, ZY14AP, ZY14ES, ZY14GO, ZY14MA, ZY14MS, ZY14PA, ZY14PB, ZY14PI, ZY14RO, ZY14RR, ZY14SC, ZY14SE, ZY14TO. All of the QSOs will be confirmed automatically via the bureau; direct cards via PT2AA (LABRE, Caixa Postal 4, Brasília DF, 70351-970, Brazil/TopNews)

**CANADA** A reception report sent to **BVB's** postal address in Toronto came back marked "Undeliverable - Moved". The station advised by e-mail that all future reports should be sent to: H.A.G.C.M., PO Box 95561, Newmarket, Ontario, L3Y 8J8 Canada. V/S was Joan Shorthouse. (Edward Kusalik-Canada/DXplorer)

**CHINA** Latest schedule for **CNR8** (Voice of Minorities)

**Kazakh**

0100-0200 15670, 11810, 11630, 9455, 1422, 1143  
0200-0300 15670, 11810, 12055, 11630, 1422, 1143  
0500-0600 15415, 11780, 12055, 11630, 1422, 1143  
(9470, 7340 XJ)  
0900-1000 15415, 11780, 12055, 11630, 1422, 1143  
1400-1500 9645, 7445, 11630, 9630, 1143 (6015,  
7340 XJ)  
1500-1600 9645, 7445, 11630, 9630  
1600-1705 9645, 7445, 9630, 6140

**Korean**

2055-2300 5975, 5955, 1143  
0400-0500 9610, 9440, 1143  
0600-0700 9610=, 9440=  
1000-1100 9785, 7360, 1143, 1017 (1206 HL)  
1100-1200 6020, 5975

**Mongolian**

2300-0100 9655, 7445, 1143  
0300-0400 11815, 9610, 1143 (9750 7270 6040 NM)  
0700-0800 15415=, 11780=  
0800-0900 11780=, 5955=  
1200-1300 9615, 6020  
+ not Tu. = not W. (NDXC/ARDXC)

4750.00, 2230-2240, Jun 19, **Qinghai PBS-1**, Xining, Chinese, talk and music, not // 4800. Not heard since February 2013, but now reactivated! 25332, (Anker Petersen – Denmark)

**CLANDESTINE Radio Free Sarawak** has been changing frequencies to avoid interference. During April and May frequencies have included 15420-15430-15450 or 15460. The transmission is at 1100-1230 Mon-Sat via a Radio Veritas transmitter in the Philippines. (Observations by Bulgarian DX blog/British DX Club)

Frequency change of **Radio Free Sarawak** in Iban from June 23:

1100-1130 NF 15425 TNN Mon-Sat, ex 15430 June 9-21  
1130-1200 NF 15425 TNN Mon-Sat, ex 15420 June 9-21  
1200-1230 NF 15425 TNN Mon-Sat, ex 15410 June 9-21  
(DX Re Mix News, Bulgaria)

Frequency change of **Dimtse Radio Erena** in Oromo from May 23:

1700-1730 NF 11855 SOF, ex 11560  
(DX Re Mix News, Bulgaria)

Frequency change of **Voice of Martyrs** in Korean from June 5

1600-1730 NF 7530 TAC, ex 7505  
(DX Re Mix News, Bulgaria)

Frequency changes of **Shiokaze-Sea Breeze** effective from June 5

1330-1430 NF 6020 YAM, ex 6135 Japanese Mon/Wed  
1330-1430 NF 6020 YAM, ex 6135 Chinese/Korean Tue  
1330-1430 NF 6020 YAM, ex 6135 English Thu  
1330-1430 NF 6020 YAM, ex 6135 Korean Fri  
1330-1430 NF 6020 YAM, ex 6135 Korean/Japanese Sat  
1330-1430 NF 6020 YAM, ex 6135 Japanese/Korean Sun  
1600-1700 NF 6165 YAM, ex 6090 Japanese Mon/Wed  
1600-1700 NF 6165 YAM, ex 6090 Chinese/Korean Tue  
1600-1700 NF 6165 YAM, ex 6090 English Thu  
1600-1700 NF 6165 YAM, ex 6090 Korean Fri  
1600-1700 NF 6165 YAM, ex 6090 Korean/Japanese Sat  
1600-1700 NF 6165 YAM, ex 6090 Japanese/Korean Sun  
(DX Re Mix News, Bulgaria)

Updated summer A-14 schedule of **Voice of Tibet**:

1200-1215 NF 15543 DB Chinese  
1215-1230 NF 15537 DB Chinese  
1230-1245 NF 15577 DB Tibetan  
1245-1300 NF 15583 DB Tibetan  
1300-1315 NF 15548 DB Chinese  
1300-1315 NF 15588 DB Tibetan  
1315-1330 NF 15542 DB Chinese  
1315-1330 NF 15588 DB Tibetan  
1330-1345 NF 15542 DB Chinese  
1330-1345 NF 15582 DB Tibetan  
1345-1400 NF 15548 DB Chinese  
1345-1400 NF 15582 DB Tibetan  
1400-1415 on 15525 MDC Tibetan no change  
1400-1415 NF 15588 DB Tibetan  
1415-1430 on 15530 MDC Tibetan no change  
1415-1430 NF 15588 DB Tibetan  
1430-1445 NF 15617 DB Tibetan  
1445-1500 NF 15622 DB Tibetan  
(DX Re Mix News, Bulgaria)

Transmissions of *Hamada Radio International* in Hausa are cancelled

0530-0600 on 9610 NAU Mo-Fr. No signal from June 9.

(DX Re Mix News, Bulgaria)

3985, *Echo of Hope*, Hwasong. Talk in Korean with pop music. Very good with no jammer present today at 1955 on 7/5 (Brennan-Australia/ARDXC) Very good in Korean, no jammer at this time, 1130 on 6/5. (Adams-Australia/ARDXC)

6135, *Voice of Freedom* (Korean: Jayuui Sori Bangsong-eun). Transmitter engineer Jamie La Badia emails that he is working in South Korea, building the Voice of Freedom transmitters. Currently one transmitter is running at 5kW into a log periodic, a second 10kW unit is being installed. The antenna gives about 8dB gain so will beam approx 35kW to the north on SW. (Jamie La Badia 24 May via Glenn Hauser dxld yg/British DX Club)

11595, *Democratic Voice of Burma* program from Gavar-ARM transmitting center, Burmese 2330-0030, S=7 or -86dBm fair signal from Armenia. (Wolfgang Büschel-Germany, wwdxc BC-DX TopNews June 6)

17540, *Radio Impala*-Talata-Volondry noted with excellent levels of about 60-70uV here at 1745-1757\*. Mx selection of the "club" variety (with a decided African flavor), f/by reggae and abrupt off in mod-track. June 15. (Rich Parker-PA)

**COLOMBIA** 5910.08, *R. Alcaraván*, Lomalinda, Puerto Lleras. Popular Colombian music programming rather than the often heard religious fare, noted at 1050. Station ID about 30 seconds past 1100 then martial music. Fair to poor but in the clear on 20/5. (Wagner-Australia/ARDXC) 5910.06, Alcaraván Radio, Puerto Lleras; at 0010-0020 on 12/06; mx, ID: "Para el Mundo desde Colombia, La Voz de tu Conciencia", mx, ID: "5910, Alcaraván Radio y 6010 Onda Corta, La Voz de tu Conciencia, señal de Colombia para el Mundo". NOTE: I checked that both stns are not in parallel. Apparently, it is a recorded prgm used by both stns. PSE listen to the recording. 44444. (Pedro F. Arrunátegui-Perú/DXplorer)

6010.00, *R. La Voz de tu Conciencia*, Bogotá; at 0021-0105 on Jun 12; bouquet of LA folk mx, pasillo, joropo, etc. ID: "Colombia haciendo una

radio diferente, La Voz de tu Conciencia... 6010" NOTE: Not in // w/ 5910.06 Alcaraván Radio. 44444. (Pedro F. Arrunátegui-Perú/DXplorer)

**CONGO (DEM. REP.)** 5066.3, May 30, 1835, *R. Têlé Candip*, Bunia, música pop' africana; 35433. Últimamente, o sinal tem sido francamente bom, atendendo à potência envolvida. (Carlos Gonçalves/SWBulletin) 5066.325, May 31, 2010, R Têlé Candip has been heard several days with very good strength. (Thomas Nilsson-Sweden/SWBulletin) 5066.33, Jun1 1845 R Candip with good signal and few QRM. They stayed on the air until 2004 and cut off the TX just after "Candip" in their ID. (Arne Nilsson-Sweden/SWBulletin) 5066.33, R. Candip, Bunia. Another rare sighting of this one at 1845 (last time heard was Jan 21 this year) in French with alternating male and female speakers expressing strong views on .....something! Then several lively Afro pop songs from 1858. Extremely weak signal, fading in and out, hard work digging it out. Finally lost reception around 1905, 27/5. (Wagner-Australia/ARDXC) 5066.370, R. Têlé Candip hrd 6/14 from Perseus site in Sydney AU well beyond nominal 1905\* - Long talk by man from before 1900 to about 1948 (language unk). Although not sure, this could have been World Cup coverage/commentary, based on the ancrs style of speech. Local highlife music at 1948 until carrier off suddenly in mid-song at 2016:10. This is not a short path length - 8,030 mi! SINPO 2-3/3/3/2. (Bruce Churchill-CA/DXplorer)

**ECUADOR** 6050.00, *HCJB*, Pichincha, 0015-0018, Jun 08, an Andean language, religious sermon with several Spanish words (e.g., "por gracias"), 35443. (Beryozkin-Russia/DX Window) Still heard at 0345-0355, Jun 07, Spanish religious talk: "Palabra de Dios", 45333. (Petersen-Denmark/DX Window)

**EGYPT** For the first time since 2010, Egypt is to observe summer time, and clocks will go forward on 15 May. However, clocks will go back again for Ramadan (which this year starts around 29 June), so there will be a lot of chopping and changing. (Chris Greenway-UK/British DX Club)

**FINLAND** 5980.00, *Scandinavian Weekend R*, Virrat, 1645-1655, Sa Jun 07, Finnish talk and classical music, 35243. No other frequencies heard. When check again at 1755 no frequencies were audible here. (Petersen-Denmark/DX Window)

6170.00, *Scandinavian Weekend R*, Virrat, 0310-0400, Sa Jun 07, Finnish ann, Finnish pop songs, ID

0357, 35233. Not heard on 11690 or 11720. On checks at 1145 and 1335 no frequencies were audible here. (Petersen-Denmark/DX Window)

**GREECE** Toxic Time Bomb at former Kavalla site: An ecological bomb gigantic remains exposed and abandoned the premises of "Voice of America" in the municipality Topeirou Xanthi, causing great concern both to local residents and scientists about the risks that may be preying. It is a huge amount of toxic clophen, over 20 tonnes, which is currently within the radio installations, known to literally abandon. Noteworthy that no other building in the country is not so much the banned toxic clophen. The clophen is both transformers and transmitters facilities while the concern of residents and special compounded by the fact that today almost everyone can enter the area of the "Voice of America". Recently also recorded a series of thefts and vandalism in the area. At the same time, the toxic that was used in the past as electrical insulation and has now banned, located a stone's throw from the banks of the river Nestos and the coastal area of the municipality Topeirou, while there are reports that the clophen has already started to leak from the machinery which controlled by officials. As we know the clophen is carcinogenic to humans but dangerous for the environment as it can completely disrupt the ecosystem, and can remain active even if you spend hundreds of years. (thrakitoday website via SW txsite June 7/TopNews)

**INDIA** 5040, *AIR*. Received two QSLs for same report for \$2.00 and postcard in 211 days! One card was sent on May 23<sup>rd</sup> (Sun Temple), and the other on June 6<sup>th</sup> (Amar Singh Gate), but both arrived on the same day. Each had the AIR stamp, and one had a stamp for the V/S Sunil Bhatia. (Ross Comeau-MA/DXplorer)

**INDONESIA** 4869.88v, Jun 5, *RRI Wamena*, 1240-1302. It's Thursday, so hoped to hear some English here with Kang Guru Indonesia (KGI); yes, tuned in to find program #8501 in progress; one of their better receptions; interesting segment about Feb. 13 - World Radio Day; played some pop songs. Glad to find KGI here, as they were missing a few weeks ago. 4869.89v, Jun 4, *RRI Wamena*. Jakarta news, ending at 1225-26 with usual patriotic song "Bagimu Negeri" (For You Our Country). Both *RRI Makassar* (4749.95) and *RRI Palangkaraya* (3325) off the air today and 9680 totally blocked with jamming. 4869.89v, Jun 7, 1221, *RRI Wamena*. Today not carrying the Jakarta news. Instead was

hearing news only on *RRI Palangkaraya* (3325) with segment of sports coverage and ending the news with patriotic song "Bagimu Negeri" (For You Our Country) at 1224. *Palangkaraya* was off the air June 6 during the Jakarta news. (Ron Howard-CA/SWBulletin)

**ISRAEL** Broadcasting Reform in Israel: The Israeli Broadcasting Authority (IBA) is to be replaced by a smaller and more independent broadcaster. The announcement follows the recommendation of a state broadcasting committee. The intention of the reforms is to produce a broadcaster that is said to provide an answer to what are called the "errors of the commercial broadcasters who are motivated only by audiences." The current eight radio stations are to be retained. However, the editors will be merged for radio and television. The new station will operate as a transparent and politically independent concern with around 600 personnel as compared to the present 1600 employees. In addition, the license fee will be abolished by the end of March 2015. In the future the Authority will receive grants from the state and funding from advertising. (From the German language website "Israel Netz" - 7 March 2014 via ADDX Kurier, translated by Andrew Tett/British DX Club)

**MADAGASCAR** 5009.87, May 30, Tent *R Madagasikara* with mx, weak. Noted on 5011.41 with sign off at 2009\* on May 31 but not heard after this date. (Thomas Nilsson-Sweden/SWBulletin) 5010.160, Jun 7, 1923, *R Madagasikara* noted as tiny signal hetting with a tiny UNID carrier on even 5010, 1808 June 7, poor S=5 or -94dBm on noise level, hopping some plus/minus 20 Hertz up and down. At 1923 wandered down, now on 5010.073. (Wolfgang Büschel-Germany, wwdxc BC-DX TopNews June 7/SWBulletin)

6135, *R. Madagasikara* - Ambohidrano. Short "Radio Madagasikara" ID between a delightful music program of East Afro pop songs at 2135. Co-channel QRM from CRI's Croatian service between 2110 and 2130, then Madagasikara became the dominant station on the freq. A very solid signal, with a late weekend schedule on June 14. Running parallel with the usual 5010.29 kHz also heard, but the 60mb outlet was weaker by that time of the morning. 6135 appears to be a far more stable frequency, too. (Wagner-Australia/ARDXC) 6135.00, Jun 16, 0158, *R Madagasikara*, carrier on already, next to *R Sta. Cruz* 6134.83, but in the clear 0215:03 when RSC carrier finally off. Faded up nicely, 0226

sung NA?, 0229 Malagasy male & fem "kilohertz" announcement, 0231 Booker T. & MG's "The time is tight", Carl Douglas "Kung fu fighting" but signal strength definitely decreasing by now until covered by co/channel VOA carrier 0258. TADIL-A bonker occasionally reported here by Glenn Hauser was only just about audible so did not really spoil the fun. Very pleased to hear MDG so clearly after several mornings of only being able to make out their carrier, cf my previous report. (Martien Groot-Netherlands/SWBulletin)

**MICRONESIA** 4755.54, Jun 11, 1038, *PMA-The Cross Radio*, with ID - "The Cross Radio is a Ministry of Pacific Mission Fellowship. You are welcome to join us every Sunday morning at 9 AM for our worship service" followed by a brief religious segment; poor with QRN (Ron Howard-CA/SWBulletin)

**MONACO** The noon news bulletin in French from *R Monaco* is still broadcast over Monaco R (Naya) utility facilities on SW. So every day 1058-1104 on 4363, 8728 and 13146. Very good reception here on 8728 SSB. (Ghibaudo-France/DX Window)

**NIGERIA** 6089.853, Bad audio signal mixture on that channel. *Radio Nigeria Kaduna* on odd frequency, noted at 1946, interfered by adjacent powerful signal of CRI Urumqi in Romanian on even 6090. (Wolfgang Büschel, Germany, wwdxc BC-DX TopNews June 7) 6089.87, 2005-2015, Jun 12, R Nigeria, Kaduna, Hausa report, 45344, (Anker Petersen - Denmark)

*Voice of Nigeria* was back on the air after several days of silence:

0500-0700 on 15120 IKO English  
0800-1000 on 15120 IKO English  
1700-1730 on 9690 IKO Igbo  
1730-1800 on 15120 IKO Arabic  
(DX Re Mix News, Bulgaria)

**PAKISTAN** *Radio Pakistan* shuts regional languages transmission: ISLAMABAD: The Pakistan Broadcasting Corporation (PBC) has removed all permanent staff from its news and current affairs channel and detached the transmissions of four provinces from its main hook-up. Sources in the PBC (Radio Pakistan) told Dawn that during the last a few months, the management had transferred over a couple of dozen permanent staff from the channel to other operations. In a single day recently, 16 senior officials of the news and current affairs

channel were sent to other services. Prior to the removal of the permanent staff, the PBC also de-linked its Islamabad station from the four provinces. Known as the National Broadcasting Service (NBS), the transmission was launched in August 2008 by the then PPP government by integrating all the regional transmitters in the four provinces into one stream. The duration of the service was 17 hours a day - from 7am to midnight. The service covered nine regional languages: Punjabi, Sindhi, Pashto, Balochi, Saraiki, Potohari, Balti, Shina and Brauhi. These programmes were related to cultural values, lifestyle of different regions as well as local, regional and national affairs. However, the incumbent PBC administration closed the regional languages transmission and detached the transmission of Punjab, Sindh, Khyber Pukhtunkhwa and Balochistan from the Islamabad station, the sources in the PBC said. On May 29, 2014, the PBC transferred its 16 officials - one deputy controller, eight senior producers, three assistant producers and four resource persons - from the NBS service to the FM, external services and other stations. The sources said soon after the term of the previous government of expired in April last year, Samina Khalid Pervez, the successor to former director general Murtaza Solangi, changed the name of the NBS into News and Current Affairs Channel. Ms Pervez also reduced the transmission from 17 hours to six hours a day. The sources said after removing the permanent staff from the channel the PBC management had filled the vacant posts with inexperienced students from universities. The sources said the objective of the changes in the NBS was to convert the service into an entertainment medium. "Turning the radio from public service to a commercial entity would not make the PBC a profitable organisation," claimed Mr Solangi, the former PBC head. He said the annual budget of Radio Pakistan was about Rs3.75 billion whereas it earned Rs270 million through advertisements. "The total revenue of the radio industry, including official and private entities, is not more than Rs1.25 billion per annum. If Radio Pakistan would get all the market shares, even then it could not reach the break-even level," he said. "In such circumstances the national broadcaster should not be converted from a public service organisation to a commercial entity." He said the objectives of launching the NBS and introducing regional languages transmission were to promote national harmony which could not be compromised because of meagre financial gains. A senior producer of Radio Pakistan on the condition of anonymity

told Dawn that after closing the news and current affairs transmission, the PBC management was about to start entertainment programmes on the same medium wave frequency. He claimed that about 10 inexperienced people had been inducted without completing certain procedures against Rs50,000 per month salary to run the proposed entertainment channel. When contacted, Samina Khalid Pervez, the incumbent PBC director general, said Radio Pakistan was facing an acute shortage of transmitters and for this reason it either had closed some programmes or shifted them to other frequencies. She expressed the hope that after a new high-powered transmitter was made available after about six months, the regular transmission would resume. *Published in Dawn, June 1st, 2014 (Radio World International NewsBytes)*

**PAPUA NEW GUINEA** 3260, May 25, *NBC Madang*, 1150-1204\*; Religious songs; 1202 started playing pop religious songs for the start of "Island Praise" presented by Stacy Rose; a USA syndicated program, that plays "the best reggae, soca, calypso, hip hop gospel compilations that the Caribbean has to offer"; off just after her intro. (Howard-CA/SWBulletin)

7324.96, *Wantok R Light* (tent) hrd 6/22 from Perseus site in Edmonton AB from 0906 tune with what sounded like news. High static level and rapid fades made readability difficult, but a solid S3 signal, not typical of a 1 KW xmtr. Did not seem like usual religious pgming, but instead had inst music from 0913.5 to 0917, man ann to 0918, then vocals to 0933. Man ann 0933-34 and then another man ann at 0934. At 0936 sounded like a passionate sermon by man in an ethnic language (or at least not EE) - this ran past 1000. No sign of CRI on this freq at nominal \*1000. Checking with Perseus sites in Brisbane and Tokyo seemed to confirm *Wantok R Light*, although signal was easily best from Edmonton. Pgming not unlike typical PNG pgming from NBC stations. If this was WRL, have not hrd this station for several months. (Bruce Churchill-CA/DXplorer) Tnx to help from Don Moman (VE6JY) who put a log-periodic on the his Perseus network node with a beam to PNG, *Wantok R. Light* (still tent due to no ID yet) is coming in with decent audio just below the 7330 DRM bcst from 0700 tune - audio is improving at 0725 in LSB mode with the DRM becoming a non-factor. Also much less static than last night making readability much better. From 0715 the programming has been recorded Christian bcsts with men ancrs in

EE and inspirational music. From 0733 a sermon by man in EE is very easily readable. We can almost surely call this WRL based on tonight's programming where HCJB was mentioned and the pgming is pretty typical of past WRL bcsts. This is the best I have ever hrd WRL on 7325 or even the former 7120 since they started bcsts in 2005. You would never know this was a 1 KW xmtr...They've been mostly off the air in recent months. SINPO at 0730 from Edmonton AB is 3+ to 4/4/4/4/4 in LSB mode. (Bruce Churchill-CA/DXplorer) 7325 further to my last - the sermon pgm was "Leading the Way" and went to 0753 - then man ancr for this syndicated pgm in Australian EE to 0755. Inspirational vocal to 0759.5, woman ancr w/ travel safe spot fol by inst music to 0801. Drum IS fol by PNG news by woman (EE) - "Port Moresby" mentioned. Finally an ID "Wantok Radio Light" by woman in Tok Pisin at 0805.5 fol by anmts in Tok Pisin and inspirational vocal ("Slow Down" by Michael James) at 0806. Man ancr in EE w/ request pgm at 0809.5. "It is Well" by female vocalist at 0810.5. Another ID by woman in EE at 0815.5 "...Christian Radio Network, this is *Wantok Radio Light*". Another vocal at 0816. Now that this is clearly WRL, has there been a power increase?? The SINPO at 0805 has improved to 4+5454 with DRM on 7330 off at 0759. This is not sounding like a 1 KW xmtr at all, or even 10 KW for that matter. Best I have hrd any PNG station on any freq. (Bruce Churchill-CA/DXplorer) Bruce, now 7324.957 kHz June 23 at 10. (Wolfgang Büschel-Germany/DXplorer)

**PERU** 4824.48, *R. La Voz de la Selva*, Iquitos; at 1104-1120 on Jun 12; prgm: "LVS noticias", news, ID: "Buenos días amigos, estamos en contacto con Radio La Voz de la Selva" ID: "Amigos de LVS noticias". 33333. (Pedro F. Arrunátegui-Perú/DXplorer)

4955, Jun 3, *Radio Cultura Amauta*, 0015-0030, noted a couple of Gentlemen in Spanish conversation until 0018 when a single male starts a long discourse of Spanish. This is followed with a female in long Spanish comments. This amorphous into a crowd joining into either a religious or political program of tirades comments. Signal was fair during this period. (Chuck Bolland-FL/SWBulletin) 4955.02, *R. Cultura Amauta*, Huanta, 0002-0006, Jun 08, music, anns in Spanish, ID at 0003: "Por Radio Cultural Amauta", 25342. (Beryozkin-Russia/DX Window) 4955.00; *R. Cultural Amauta*, Ayacucho; at 2335-0002 on Jun 12 promos and comunicados in Quechua. ID: "Radio Cultural Amauta" ads in SP. 44444. (Pedro F. Arrunátegui-Perú/DXplorer)

4985.50, *R. Voz Cristiana*, Chilca, Huancayo; at 0005-0025 on Jun 11; Rlg mx. ID: "Éstas en sintonía de Radio Voz Cristiana", more mx, another ID: "Gracias a todos los que están escuchando a Radio Voz Cristiana", mx, ID: "Promesa de Dios en Radio Voz Cristiana". 44444. (Pedro F. Arrunátegui-Perú/DXplorer)

5024.91, *R Quillabamba*, Quillabamba, 2256, Jun 07, quite undisturbed this early. Later totally covered by R Rebelde. (Nilsson-Sweden/DX Window)

5459.95, *R. Bolívar*, Trujillo; at 0030-0050 on Jun 11, tropical Andean folk mx, ID: "Más potente, más nitida, Bolívar señal ganadora", mx, ID: "Más potente, Bolívar da la hora". 44444. (Pedro F. Arrunátegui-Perú/DXplorer)

6173.9, May 29, 0115, *Radio Tawantinsuyo*, Cusco, SIO 242, Die Frequenz ist ab 0000 frei, aber nach 01 Uhr ist das Signal etwas besser. Volksmusik aus dem peruanischen Andenhochland, was will man mehr. (Christoph Ratzer via A-DX/SWBulletin)

**RUSSIA** *Radio Rossii* and *Voice of Russia*: As it became known, the Russian Security Council decided restore and maintain powerful distant radio. Decided to create a special federal State budget institution to implement Russian long-distance broadcasting public radio stations "Radio Rossii" and "Voice of Russia" both domestically and abroad. Powerful broadcasting in Russia will be resumed. Russian Security Council adopted a decision encouraging. If it holds, then further broadcasting on long, medium and short waves, which in 2013-2014 was almost completely collapsed state company "Russian Television and Radio Broadcasting Network" (RTRS) due to the termination budget funding will be restored and maintained at the highest state level. We hope that it will be so. (Igor Jaremenko, Novosibirsk, Russia / "deneb-radio-dx")

May 26, 2014, "Radio Russia" khaki: Restore and maintain long-distance broadcasting instruct security forces Russian Security Council meeting on May 19 decided to establish a special federal state budgetary institutions (FSBA) for the implementation of long-range Russian public broadcasting stations "Radio Russia" and "Voice of Russia" both domestically and abroad. On this "Lente.ru" according to two industry sources familiar with the decision of the Security Council. Objective of the new company will be the

restoration and long-range radio support on long, medium and short waves, which in 2013-2014 was almost completely collapsed state company "Russian Television and Radio Broadcasting Network" (RTRS) due to the termination of budget financing. FGBI broadcasting, by the decision of the Security Council will be established in 2016 and is run by one of the security forces, presumably the Ministry of Defence. Why not hear "Voice of Russia"? During the previous two years distant broadcasting public radio stations in the country was almost completely stopped. First, in March of 2013, ceased to be broadcast on long (LW) and secondary (MV) waves transmit radio "Mayak". As a result, hear them in Russia was only possible in some cities where the broadcaster - the company RTR - transmitters have a range of FM. Then, in early 2014, partially disabled and broadcast "Radio Rossii" on long and medium waves, which led to the same result as a "Mayak". Thus, today the Russian state radio transmission will not be accepted in our country anywhere except a few major cities, mostly regional or national centers. Gone with all ranges of radio waves, providing long-distance transmissions (this, in addition to LW and MW, more short-wave - SW), and "Voice of Russia", working for foreign countries. Its transmission RTRS radio centers in Russia were also stopped, continuing with only a few transmitters leased abroad. In all these cases, the cause was broadcast far off reduction in state funding, the company provides RTR for this purpose. (Igor Agapov/ "deneb-radio-dx")

**RWANDA** 6055, *R. Rwanda*, Kigali. Speakers in Vn immersed in noise though the signal was at fair strength. Off at 2100. 2058 16/5 (Jones-Australia/ARDXC) Talk in FF or dialect. African singing from 2015. Very good on 19/5. (Brennan-Australia/ARDXC)

**SAUDI ARABIA** *BSKSA* General Program

0600-0900 Arabic 17730, 17740  
0900-1200 Arabic 15490, 17805  
1200-1500 Arabic 17705, 21505  
1500-1800 Arabic 15225, 15435  
1800-2300 Arabic 9555, 9870

Koran

0200-1000 Arabic 9715  
0300-0600 Arabic 15170  
0300-0800 Arabic 17895  
0600-0900 Arabic 15380

0900-1200 Arabic 11935, 17570, 17615  
1200-1400 Arabic 15380, 17625  
1200-1500 Arabic 17895  
1300-1600 Arabic 17615  
1500-1800 Arabic 13710  
1600-1800 Arabic 15205, 17560  
1800-2300 Arabic 11820, 11915, 11930

#### External Service

0400-0700 Swahili 15285  
1200-1500 Bengali 15120  
1200-1500 Urdu 13775  
1400-1800 French 17660  
1200-1500 Indonesian 21670  
1500-1800 Persian 7240  
1500-1800\* Various 9885  
1800-2100 Turkish 9675

Note: (\*) Px in Tajik, Turkmeno, Uighur and Uzbek.  
QTH: Saudi International Radio (BSKSA), P. O. Box 60059,

Riyadh 11545, Arabia Saudita. Web: [www.sr.sa](http://www.sr.sa).  
(Conexion Digital/ARDXC)

#### SINGAPORE Frequency changes of BBC from June 9:

1545-1615 NF 9900 Tamil, ex 9500 SNG  
1630-1700 NF 9900 Sinhala, ex 9500 SNG  
(DX Re Mix News, Bulgaria)

**SOLOMON ISLANDS** 5019.9, Jun 1, 0935, Bad news for **SIBC** on 5019.9. On June 1 Dave Valko, et al., were hearing WRMI, with Brother Stair programming, on 5015 about 0935 and 1000 UT, totally blocking SIBC. A test or a new schedule? What a terrible frequency for them to pick, especially as SIBC has been silent for a long time now on 9545, leaving 5019.9 as their only active SW frequency. (Howard-CA/SWBulletin)

9545, Jun 1, -0501\*, **SIBS**, Honiara. At 0400 fair to good level s/off 0501 (Johnson). ? From 2300 to s/off 0500 UT, fair to good level May 13. (Thwaites) T/in 0130, fair signal w/talks in Bislama, re-tune 0355 when had pop mx, English anncts. 0400. Quite good on June 1, improving until abruptly off 0501. (Craig Seager-Australia ARDXC/SWBulletin) SIBC Honiaria on 9545 checked at 2300 and 0000, but NOTHING heard so far. Reported to be on air in 23-05 range. (Wolfgang Büschel-Germany, wwdxc BC-DX TopNews June 6/SWBulletin) 9545, SIBS, Honiara. 0400 fair to good level s/off 0501 16/5

(Johnson-Australia/ARDXC) from 2300 to s/off 0500, fair to good level 13/5. (Thwaites-Australia/ARDXC) T/in 0130, fair signal w/talks in Bislama, re-tune 00355 when had pop mx, EE anncts. 0400. Quite good on 1/6, improving until abruptly off 0501 (Seager-Australia/ARDXC) SIBC Honiaria Solomons on 9545 kHz checked at 2300 and 0000, but NOTHING heard so far. Reported to be on air in 23-05 range. (Wolfgang Büschel-Germany, wwdxc BC-DX TopNews June 6)

The Solomon Islands Broadcasting Corporation: I had no idea till now, but I am mentioned by name and location in a blog on the website for the Solomon Islands Broadcasting Corporation. The blog is written by SIBC General Manager Ashley Wickham. Scroll down for the March 21st, 2014 entry <http://www.sibconline.com.sb/you-me-sibc/>. As a side note, they are "licensed" for 10 kW on 9545/5020/1035 but only run 5 kW on all the SW and MW Services. With the new transmitter, I think they are expected to go back up to 10 kW. Not Sure about the MW signal. (Paul B. Walker, mwdx June 16/TopNews)

**SRI LANKA FEBA Radio India** has a number of broadcasts via the Trincomlee relay station which are not listed in the HFCC or in the Aoki database, but they are included in the latest WRTH International schedule update (listed under UK as FEBA has its HQ in the UK). Confirmed on Monday 19 May via Global tuners in Italy with English at 1330-1345 and Tamil 1345-1400 on 9720. ID was "Feba India" and a postal address in Bangalore was announced: No.7 Commisariat Road, Bangalore 560025, India. The full schedule of FEBA-India Is as follows (transmitter sites tr=Trincomalee; ta=Tashkent)

1330-1345 Mon English SAs 9720-tr  
1330-1345 Tue/Thu/Fri Telugu SAs 9720-tr  
1330-1345 Wed Tamil SAs 9720-tr  
1330-1345 Sat Kuvi SAs 9720-tr  
1330-1345 Sun Kannada SAs 9720-tr  
1345-1400 Thu-Sat Malayalam SAs 9720-tr  
1345-1400 Sun-Wed Tamil SAs 9720-tr  
1400-1415 Sat English SAs 9720-tr  
1430-1500 Daily Hindi SAs 9500-ta  
(Observations by Dave Kenny and Rumen Pankov during May; schedule via WRTH, Tony Rogers/British DX Club)

**TAIWAN** 9774.01, **Fu Hsing BS**, Kuanyin, 0855-0905, Jun 02, theme song, CNR (China) on 9775 started at 0900, today's signal as fair as CNR, there

is strong heterodyne signal from 0900, 33322. However on Jun 03 at 0848-0901 no modulation! CNR started at \*0901. (Wagai-Japan/DX Window)

**RTI** (Radio Taiwan International) was noted by a Japanese DXer testing in DRM mode. Ampegon had received contract last year by Radio Taiwan International to upgrade (rather refurbish) two radio transmission sites in Taiwan in cooperation with the local partner Techway Engineering Ltd, to manufacture, install and commission ten 300 kW DRM shortwave transmitters and twelve rigid dipole broadcast antennas. (Alokesh Gupta-IND, via Mrs. Drita Cico-ALB, June 11/TopNews)

**THAILAND** Following the military coup on 22 May transmissions of **Radio Thailand** external service were somewhat disrupted, the English service was mostly replaced by music on 22 May itself. On 23 May an old broadcast from 19 May appeared to be carried. But Alan Roe reports that it was almost back to normal on 24 May with 1900 broadcast on 9390 giving today's date ahead of the news "National news - brought to you by Bangkok Airways..." and lead item "The NPLMC have issued 21 orders ... including the imposition of a nationwide curfew" and reference to the order that "all TV and Radio Stations have been taken off the air and have been instructed to air content of Army-run Channel 5 TV instead". (Observations by Alan Roe, John Hoad/British DX Club) A reminder of the English schedule for Radio Thailand which can still be heard on:

0000-0030 Am 15590-ud  
0030-0100 Am 15590-ud  
0200-0230 Am 15590-ud  
0530-0600 EuAf 17640-ud  
1230-1300 AsAu 9390-ud  
1400-1430 AsAu 9390-ud  
2030-2045 Eu 9390-ud  
(Dave Kenny-UK/British DX Club)

**UGANDA** 4975.97, *R. Uganda*, Kampala. At 2020 with a sort of "township jive" style of Rap music. I'm not a big rap for Rap, but this was quite groovy. Heavily accented and rapid-fire English anncmts made it quite difficult to understand the announcer. Lots of shouting and excitement - sounded like one of the old Saturday night party shows that the African stations used to run about 30 years ago, but now with more contemporary dance styles! Fair to poor signal on 24/5. (Wagner-Australia/ARDXC) 21/5 from 1700 in EE starting

with a px "Newshour" (Pankov-Romania/ARDXC) 4975.97, UBC Radio, Kampala, 1831-2010, May 31 and Jun 06 and 07, African music and songs, English, news and comments, 35343. (Beryozkin-Russia and Méndez-Spain/DX Window)

**UNITED ARAB EMIRATES** Frequency changes of **BBC** from June 9:

0230-0330 NF 7325 DHA Farsi, ex 7250 DHA  
0330-0430 NF 9780 DHA Farsi, ex 9425 DHA  
1500-1600 NF 11910 DHA Urdu, ex 11730 SNG  
(DX Re Mix News, Bulgaria)

**UNITED KINGDOM** Babcock test transmissions on 6145 John Hoad reports hearing a test transmission on 6145 on 10 May with music and with email address transmissiontest@gmail.com, it closed at 0845 UTC. Alan Pennington writes that "this email address is usually used by Babcock tests from the Woofferton, Shropshire site. Usually announcements with instrumental music loop, but no ID. Previously heard in the past year on frequencies including 6145, 6175 and 7325. Maybe somebody "in the know" could let us know the reason for the tests? Incidentally, my report to Babcock Media for their tests on 1296 in September last year sadly never resulted in the promised QSL": Alan Roe adds "These transmissions have been reported every few weeks or so over the last several months and are believed to be Babcock test transmissions - the Babcock music loop has been heard on occasion at the end of the test. I and others have had the same auto-reply that you have had, but I haven't heard of anyone getting any further reply or QSL from them". (Alan Pennington-UK, Alan Roe-UK, John Hoad-UK/British DX Club) On 23<sup>rd</sup> May John and Harald received the promised QSL "Hi OM, Thank you for your report and I confirm the details are correct. These transmissions were to fault-find on a 300 kW sender at the UK HF transmitter station at Woofferton. The engineers needed a long test time as the fault was of an intermittent nature. Babcock, Woofferton is the only remaining UK HF sender broadcast station and also is the only one with this transmission test audio and email address. The audio is contained in a file play out system and incorporates non-copyright music and voice announcements from one of the employees at the transmitter site. Thanks for your interest. 73 Dave G40YX, Retired Senior Transmitter Engineer Woofferton 1981-2012". (John Hoad-UK, Harald Kuhl-Germany/British DX Club)

**BBC Cuts Radio Staff:** The **BBC's** radio operations are undergoing further cuts in staffing levels, according to an article in *The Telegraph*. A long-term reorganization plan for the Beeb requires it to cut its staff from 1,300 to 1,100 by 2017. Some of that will come through straight job eliminations and some will be through internal reorganization. The just announced cuts number 65. The internal reorganization will place the various BBC outlets into two groups — "Pop Music" and "Classical Music and Speech Output" — for day-to-day operation and management. The broadcaster says that the regrouping will not affect programming or branding of the individual stations. BBC Radio Director Helen Boaden said, "BBC Radio is the envy of the world and our creativity is second to none ... But we must also be as small as we can be, to meet our savings challenges and increase our agility in the digital world without losing our distinctiveness or damaging relationships with our many audiences." (Radio World NewsBytes)

**URUGUAY** 6076.54, Jun 2, 0220 Tent **CXA3 La Voz de Artigas**, I was surprised to actually get audio from them this time! After sending some mp3-files to Henrik Klemetz, he concluded that it must be Artigas. The program was about the results of local elections held on June 1st. But no ID was found on my recordings and at 0259 QRM spoiled all the fun. No trace of them since Jun 2. HK helped me to prepare a report and also contacted the station. They acknowledged receiving the report and promised to respond but no answer so far. The station was audible from before 0027 and until 0259 but definitively best after 0230. Thanks HK for your efforts! (Arne Nilsson-Sweden/SWBulletin) 6076.54, Jun 2, 0356, carrier from a tent. LV de Artigas, unfortunately too weak for any audio noted here all night from 2300 until R Svoboda started at 0359. This carrier was also noted by Anders Hultqvist in Dalarö. But the most interesting thing - Arne Nilsson up in the north could pull out enough audio from this one. Henrik Klemetz listened and could tell that it was a px about "elecciones internas" in Uruguay and he is quite sure that it is LV de Artigas. More about that in Arne's own log above. (Thomas Nilsson-Sweden/SWBulletin) Henrik Klemetz also has a theory (speculation) about those southern SA stations. He says: *Reminds me of Banda Oriental on 6155 kHz which I heard in Luleå the summer of 2001 with a 7 meter wire as antenna, more or less frequently, between 4 och 5 SNT (summertime). This station was very difficult to hear in southern Sweden. This is of course a theory / speculation as to apply*

*not only to southern South America but also Africa. I remember the early 60's when Olof Lindberg in Lap-pvattnet, just south of Skellefteå, ravaged the tropical bands and logged lots of Africans. It happened in the summer, and in southern Sweden, nobody heard so many Africans. This was particularly the stations from south of the magnetic equator. Interesting from the wave propagation view. /Henrik Klemetz. No sign of this station the following days. (Thomas Nilsson-Sweden/SWBulletin)*

**USA** Changes in summer A-14 schedule via Okeechobee effective from June 1:

Cancelled transmissions:

0000-0100 on 9495 Various WRMI programs tx#03  
 1100-2100 on 9690 English Brother Stair tx#13  
 1300-1400 on 9955 Various WRMI programs tx#11  
 1400-2100 on 9955 English Brother Stair tx#11  
 2300-2400 on 9495 Spanish Family Radio tx#03  
 2300-2400 on 13695 Spanish Family Radio tx#09

Additional broadcasts:

0000-0100 on 5015 Various WRMI programs tx#03  
 0000-0100 on 11730 Various WRMI programs tx#04  
 0000-0600 on 11565 English Brother Stair TOM tx#09  
 0000-2400 on 5950 English Brother Stair TOM tx#14  
 0000-2400 on 11825 English Brother Stair TOM tx#12  
 0100-0500 on 11730 English Brother Stair TOM tx#04  
 0500-2200 on 5015 English Brother Stair TOM tx#03  
 1300-1400 on 9955 Various WRMI programs tx#10  
 1400-2100 on 9955 English Brother Stair tx#10  
 2200-2400 on 11565 English Brother Stair TOM tx#09  
 2200-2400 on 11730 Spanish Family Radio tx#04  
 2300-2400 on 5015 Spanish Family Radio tx#03 (DX Re Mix News, Bulgaria)

**How Effective Is the BBG in 2014? By Randy J. Stine:** The Broadcasting Board of Governors' recent budget request for funding U.S. international media outreach, while smaller than last year's outlay, nevertheless has renewed scrutiny of its operations by political leaders, some of whom find the patchwork of network services outdated and inflexible. The BBG continues to reorganize and

restructure its broadcast networks although it has not yet hired a chief executive officer, as it had hoped. Its FY2015 budget request of \$721.26 million — compared to a budget of \$733 million in 2014 — includes money to “migrate to media that its listeners ... are increasingly using,” according to a BBG announcement. Some language services will also be eliminated including VOA Albanian, Bosnian and Serbian, according to the budget request. Though some shortwave and medium-wave broadcasts are targeted for downsizing, shortwave will continue to play a role in certain countries such as Nigeria, Burma, Afghanistan, Somalia, Zimbabwe and other markets in which research shows high shortwave usage rates, the organization said.

The BBG calls itself “platform-agnostic,” willing to use any media on which audiences prefer to receive information. The board recently established a special committee on the future of shortwave radio broadcasting, which has been conducting a review of the agency’s use of shortwave radio as a distribution platform, costs and the likely reliance on shortwave by next-generation audiences, according to BBG. The committee expects to release its findings and recommendations later this summer. Gary Thomas, a former VOA senior correspondent and BBG critic, said the organization’s latest budget request “pays scant attention to journalism” and “for all intents and purposes is a death notice” for substantive news coverage at VOA. Thomas, writing on the website BBG Watch, also described the budget as “disastrous.” The website often is highly critical of BBG actions. Its organizers say it is edited and published by volunteers including current and former employees of U.S. international broadcasting. A BBG spokeswoman responded that as the agency “wrestles with difficult budget trade-offs, excellence in journalism remains BBG’s most important objective.” Despite naysayers and those critical of the BBG’s core mission, supporters say, listenership continues to swell. The five broadcast networks reached more than 206 million people per week in 2013, according to BBG estimates, up approximately 31 million from the previous year. The BBG’s largest audiences are in Indonesia, Nigeria, Mexico and Iran. For the first time, TV audiences surpassed radio in listenership, according to the organization. In addition, U.S. International Media reached 22 million online through a variety of streaming services. (Radio World NewsBytes)

**UZBEKISTAN** Frequency changes of *IBRA Radio* via BABCOCK:

0000-0030 NF 9390 TAC Bengali, ex 5905 (DX Re Mix News, Bulgaria)

**VANUATU** 3945, Jun 7, -1216\*, *R. Vanuatu*. It’s Saturday (June 7), so “RN2” (Japan) signs off early (0900), so was possible to catch Vanuatu’s sign off at 1216\*, just after instrumental National Anthem (“Yumi, Yumi, Yumi”); poor, but the best heard in a long time on this frequency (Howard-CA/SWBulletin) 3945 R. Vanuatu, Port Vila. Believed to be this. Poor signal during an early morning with high atmospheric noise making listening almost impossible at 1945. Persevered for 30 min until it faded (past sunrise at 7:15am in Port Vila). Vastly different listening conditions compared with my last logging of this station on March 21. Tried the //7260, but there was too much RFA and Firedrake covering that freq. (Wagner-Australia/ARDXC)

7260 *R. Vanuatu*, Port Vila. Very good in Bislama/EE with some sort of counting results for a political party at 1037 on 6/5. Slight intermittent QRM from Xinjiang PBS Urumqi (going on and off, TX fault?). The Chinaman dominated at 1103. (Adams-Australia/ARDXC) 6020, on June 7 at 2130. Most likely Voice of Vietnam network 4 carrying a different program than on 6165 as not in //. Very peaceful music and no ID as expected at 2200. Too much QRM to get any ID later on. VoV on 6165 was heard with very good signal and ID at 2150. (Thomas Nilsson-SWE, wwdxc BC-DX TopNews June 8)

**VIETNAM** 6020, *VoV - Buon Ma Thuot*, Dac Lac. The VoV network 4 programming for minorities with charming Asian flute music at 1045 and anncs in local languages. Weak signal and flattened by China’s own Voice of Minorities, a.k.a Ethnic Minority Radio at s/on 1057 in Korean on May 28. China also runs // 5975 which is also a good signal. (Rob Wagner VK3BVW-Australia/ARDXC) 6020, on June 7 at 2130. Most likely Voice of Vietnam network 4 carrying a different program than on 6165 as not in //. Very peaceful music and no ID as expected at 2200. Too much QRM to get any ID later on. VoV on 6165 was heard with very good signal and ID at 2150. (Thomas Nilsson-SWE, wwdxc BC-DX TopNews June 8)

12019.113, Extreme odd frequency signal of Vietnam’s Son Tay site, *VoVTN* Hanoi in English, S=7 in Tokyo-JPN remote unit. 1230-1300 operation slot heard at 1240 on June 13. (Wolfgang Büschel-Germany, wwdxc BC-DX TopNews June 13)

12000.0 Another Son Tay site service at same time, *VoVTN* in Russian, some comment on Ukraine political separation trouble, and immense Ukraine debts in Earth Gas order purchases from Russia in the past. Several times some feed break happened between Hanoi bcasting house and tx center at Son Tay site. (Wolfgang Büschel-Germany, wwdxc BC-DX TopNews June 13)

**YEMEN** *Radio Sana'a* in English was back on short-wave again on June 13:

1800-1900 on 6135 ALH  
(DX Re Mix News, Bulgaria)

**ZAMBIA** 5914.98, *ZNBC Radio 1*, Lusaka, 2020, May 31, very weak disturbed by tent. Korean. But at 2145 all alone, good strength with Afro music. (Nilsson-Sweden/DX Window)

**ZIMBABWE** Without Advertising Revenue New Radio Stations Are Doomed – Maridadi: Harare-May 18, 2014 - Mabvuku-Tafara National Assembly member James Maridadi has warned Government against awarding community radio station licences under the current economic environment, saying this would lead to a “high mortality rate” of the stations. In an interview on the sidelines of a panel discussion organised by the Zimbabwe Media Commission to commemorate World Press Freedom Day in Harare on Friday, Maridadi said advertisers wield too much power under the present situation and may end up dictating content. The MDC-T legislator, who sits on the Parliamentary Portfolio Committee on Information, Media and Broadcasting Services, urged Government to “fix” the operating environment first. “A radio station is a function of business and survival of that enterprise is a function of advertising. If there is no advertising, we will witness high mortality of the licensed stations. “Because there is no sustained revenue flow in the advertising business, the community radio stations will inevitably collapse. In Zimbabwe, we have between five and six advertisers of note and we fear that if we are to have more radio stations than we already have the advertisers

will end up dictating content. I am saying we can license as many radio stations as we want, but they will not be able to operate. Look at the community newspapers we have across the country. They are all struggling because of this phenomenon. “Even in the area of content; our national radio stations are already struggling with content. Let us fix the operating environment first. I don’t know how, but the economy could be the right first port of call.” Last week, the Broadcasting Authority of Zimbabwe (Baz) revealed that it has short listed 18 applicants for local commercial broadcasting services from the 21 who submitted applications for local commercial radio licences. (Sunday Mail via Voice of Peace website/Radio World Newsbytes)

**Police Search Radio Dialogue:** In late April police in Zimbabwe searched the Bulawayo-based Radio Dialogue offices for broadcasting material they deemed to be a state security risk. Zenzele Ndebele, Radio Dialogue production manager, confirmed that 10 police and security agents descended on the yet-to-be licensed community radio station’s offices around midday searching for transmission equipment. Reports say they were unsuccessful in their attempts to locate any equipment. Ndebele said he was shown a search warrant and was charged with the possession of illegal radio transmission equipment. He also said that the police subsequently led him to his house for a search that again reportedly yielded nothing. In March Ndebele was acquitted on charges of contravening broadcasting laws after an earlier police raid on Radio Dialogue that led to the seizure of 180 radio sets without any transmitting capacity. Radio Dialogue currently broadcasts live on ChannelZim, a free-to-air satellite television and the Internet. (John Masuku-Radio World International) Former SWBC clandestine operation - RAD

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

---

## Contribute!

Send your loggings and QSL information off to our Distributing Editor, Steve Handler (Address: Steve Handler, 113 McHenry Rd #178, Buffalo Grove IL 60089-1796). He will forward them to the appropriate editor. Remember, Steve also distributes QSL report information and totals for the Scoreboard column. He can also be reached through the Internet at: [handlersmail-naswa@yahoo.com](mailto:handlersmail-naswa@yahoo.com).

# Pirate Radio Report

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

Summer is traditionally not DX season, since longer daylight hours and increased static levels cut down on tough DX reception on shortwave. But, pirate radio stations pay no attention to that situation. Pirate shortwave broadcasting inevitably increases around major North American holidays. With two holidays during the summer on the 4<sup>th</sup> of July and Labor Day in September, pirate shortwave broadcasting actually tends to increase during the summer, despite seasonal degrading of DX reception conditions. So, it pays to fire up your receiver even during the summer non-DX season.

Ulis Fleming, K3LU, of MD sends in a follow-up to last month's discussion of FCC enforcement actions against transmitters causing harmful interference. Numerous mainstream media articles covered an April 30 FCC raid in Everett, WA of Thomas Edward Rogers. Numerous ham radio operators had complained about Rogers' fluorescent light interference within the 40 meter amateur band for some time. After he failed to respond to FCC inquiries, the FCC sent Rogers a citation for the interference that his lights were putting up. The situation was not yet fully resolved by the deadline for this month's Pirate Radio Report.

Ulis Fleming also forwarded numerous media accounts of a similar situation in Colorado, where it appears that since Colorado legalized marijuana, some of the indoor marijuana plant lights are emitting interference in the amateur radio bands. The ARRL is involved in tracking down this interference, and the FCC reportedly says that the worst of this problem is in Colorado and California. Pirate hall of fame radio station KNBS, the voice of the California marijuana cooperative, had no immediate comment.

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:

**Cave Man R.** 6950 DSB 0215-0220\* 6/14/14 fair. Prgm featuring old ads for Corvettes. (Taylor-WI)

**Chairman of the Board R.** 6935 0034 6/20/14 fair to poor. Prgm of misc mx. (Taylor-WI)

**Free R. Service Holland** 9301.1 AM 2224-0005+ 6/15-16/14 SIO=444. Roger Davis w/anniversary prgm of mostly rock mx. (Lobdell-MA)

**MAC** 6950 AM \*0058-0210\* 6/3/14 SIO=454. New host Jimmy Stewart w/prgm of ancient big band mx w/young boy Ultra Man at close. Some SWBC IS material. (Lobdell-MA) 0055-0128 6/3/14 SIO=242. Prgm of big band and swing mx. At close went into a Sunshine R. relay. (Hauser-OK) 0044-0113 6/9/14 SIO=242. Prgm of big band and swing mx. Live TCs. (Lobdell-MA)

**Pipeline R.** 6925 AM 0011-0119\* 5/26/14 SIO=232. Prgm of mx by the Beach Boys. (Lobdell-MA)

**Old Time R. Station** 6771.5a AM 0122 6/3/14 good. Prgm of jazz mx. (Hauser-OK)

**Old Time R. Station** 6773 AM 0205-0235+ 6/6/14. This strange relay of a North Carolina prgm of old time mx continues to baffle NASWA members, with fairly frequent activity. (Lobdell-MA)

**Old Time R. Station** 6772.5 AM 0205-0235+ 6/6/14 good. Relay of an old Abbott & Costello radio show. (Hauser-OK)


**Old Time R. Station** 6771.3 AM 0040 6/8/14. Relay of an old Jack Benny radio prgm w/crowd laughter. (Cooper-PA)

**Old Time R. Station** 6771v AM various times 6/6/14. Relay of various old time radio prgms. (Lobdell-MA)

- Old Time R. Station** 6770 0145 6/8/14 fair. Relay of old radio prgm w/characters Gracie and Meredith. (Cooper-PA)
- Old Time R. Station** 6770.57 2327 6/20/14 good. Relay of old NBC and BBC radio prgms. (Cooper-PA)
- Orbital Mind Control Satellite** 6930 0055-0111 6/13/14 SIO=343. Prgm of instrumental mx & discussion of aluminum underwear in Crab Nebula. (Lobdell-MA)
- R. Free Whatever** 6935 0030-0115 6/8/14 good. Dick Weed w/sidekick Stephen and a mx prgm. (Taylor-WI) 0047-0053 6/8/14 good. Dick Weed w/sidekick Stephen and a discussion of eating tuna fish. (Cooper-PA) 0055 6/15/14 good. Dick Weed w/sidekick Stephen and a mx prgm. (Taylor-WI)
- R. Free Whatever** 6950 0100-0114 6/8/14 good. Dick Weed w/a rock mx prgm. (Taylor-WI)
- R. Galifrey Intergalactic** 6920 0334-0344\* 5/25/14 SIO=444. Euro w/three songs by Tycho. (Lobdell-MA)
- R. Galifrey Intergalactic** 6955 2347-2354\* 6/18/14 SIO=454. Euro w/spacey instr mx. (Lobdell-MA)
- Renegade R.** 6935 0310-0324\* 5/25/14 fair. Discussion of Memorial Day. (Lobdell-MA)
- Sunshine R.** 6950 0129 SIO=242 6/3/14. A combined Grasscutter R. and Sunshine R. prgm of rock, apparently relayed by MAC. (Hauser-OK)
- The Crystal Ship** 6875/.7 AM 0146-0240+ 5/12/14 weak. Prgm of rock mx; probably via a relay. (Hauser-OK)
- Tip & Elvis Show-Holland** 6220 AM 2238-2336+ 6/14/14 SIO=333. Pgm of rock tunes in EE and Dutch incl The Clash, Peter Gabriel, and Queen. (Lobdell-MA)
- (unidentified)** 6771.4 0102 6/1/14 fair. Relay of ABC news, ads from Hawaii, and an account of Scott taking a motor trip while somebody watched his dog. (Cooper-PA)
- Whiskey Redneck R.** 6925 0110-0149\* 5/30/14 SIO=232. Prgm of country by Merle Haggard and Lyndard Skynard rock. (Lobdell-MA)
- Whiskey Redneck R.** 6925.2 0055 5/31/14 SIO=232. Prgm of country and rock mx from the temple of the screaming electron. (Taylor-WI)
- Whiskey Redneck R.** 6925 0103-0124 6/6/14 good. Prgm of country and rock mx from the temple of the screaming electron and many references to Texas. (Hauser-OK) 0116 6/21/14 fair. Prgm of country and rock mx. (Taylor-WI)
- WMID** 6880.4 0112-0133\* 5/31/14 fair with fading. Prgm of rock mx w/some old recorded George Zeller commentary. (D'Angelo-PA)
- Wolverine R.** 6880.4 0139 6/8/14 very good. Prgm of classic rock tunes w/colors in their titles. (Taylor-WI)
- Wolverine R.** 6935 0156-0205 6/8/14 SIO=454. Prgm of classic rock tunes w/colors in their titles like Purple Haze and White Room. (Lobdell-MA)
- WYLQ R.** 6925 LSB 0140-0142\* 6/21/14 fair to poor. Make Your Own Liver Quiver R. w/mx prgm. (Taylor-WI)
- XFM** 6940 0304-0535 6/1/14 SIO=343. "The Power of X" w/prgm of rock mx and tc in AM stereo! (Lobdell-MA)
- XLR8** 6925 0105-0130 5/24/14 fair in static. Prgm of "raucus" mz. (Hauser-OK) 0128 5/31/14 fair. Stable freq. (Hauser-OK) 0140-0150 5/31/14 fair. Prgm of punk rock mx. (Taylor-WI) 0116 6/7/14 fair. Prgm of mx w/OM IDs. (Hauser-OK)
- XLR8** 6925 0142-0159 6/16/14 fair. Prgm of mx w/sirens and screaming. (Hauser-OK)
- YHWH** 12035 AM 1314 6/10/14 fair. Usual religious prgming w/citations from book of Ezekiel. (Hauser-OK)
- YHWH** 9600 AM 0507 6/19/14 fair to poor. Usual religious prgming. (Hauser-OK) 

# QSL Report

Sam Barto • 78 Blakeman Road • Thomaston, CT 06787



**OFFICIAL WBNY QSL**  
For unadulterated QSL whores

Time: \_\_\_\_\_ Date: \_\_\_\_\_  
Frequency: \_\_\_\_\_ Mode: \_\_\_\_\_  
Monkey ability: \_\_\_\_\_

WBNY is a service of the "People's Committee in Solidarity with Rodent Freedom Fighters"

WBNY Website: <http://sheep.com/~mander/bunn/qsl/>

**BANGLADESH BETER:** Radio Bangladesh Betar 13580 f/d cd. w/ personal ltr. in 6 wks. v/s Abu Tabib Md. Hasan, Senior Engineer. Email: rrc@dhaka.net (Lobdell-MA).

**BRASIL:** Radio Inconfidencia Ltda. ZYE522 15190 and ZYE521 6010 p/d QSL ltr. in only 3 yrs! for a PT rpt. v/s Gleison Emílio Ferreira, Diretor Técnico. Addr: Av. Raja Gabaglia 1666, Guterrez, Belo Horizonte, CEP 30441-194, Brasil... What a wait...Ye Editor.

**ENGLAND:** KBS World Radio 3955 via Wofferton The station verified my email rpt. w/ a f/d "The Top 60 Selections of KBS

World Radio and I 1953-2013" online photo competition card in celebration of its 60th anniversary in 79 ds. (D'Angelo-PA).

**GERMANY:** Atlantic 2000 International 9485 email QSL w. "Dock Photo" in 14 ds. The station was only running 1 KW! (Nikolich-IL)

**STATION NOTES:** Radio Roraima Boa Vista 4877.4 Email: [jornalismo@radiororaima.com.br](mailto:jornalismo@radiororaima.com.br) **Laser Hot Hits** 6970 Email: [studio@laserhothits.co.uk](mailto:studio@laserhothits.co.uk) **Condoe Radio** 6310 Email: [condorradio@hotmail.com](mailto:condorradio@hotmail.com) **Radio Zeewolf** 6300 Email: [radiozeewolf@hotmail.com](mailto:radiozeewolf@hotmail.com) **Flying Dutchman** 6290 Email: [fd@hetnet.nl](mailto:fd@hetnet.nl) **Asyik FM** 6050 v/s Mariama Uda Nagu, Head of Asyik FM. Email: [mariama62@gmail.com](mailto:mariama62@gmail.com) **Traxx FM** 7295 v/s Miss Najinah Sani, Speaker for the Jazz Kitchen Program. ...via PLAY DX ... Sam



By your strength, will be praised. Of God is my high tower... (Psalm 127:1)

**twr**  
europe

TRANS WORLD RADIO

**Yo escucho "Radio Verdad"**  
**I listen to "Radio Truth"**

Radio Verdad

ESTACION EDUCATIVA CON BUENA MUSICA.  
Educational Station with Good Music.

4.0525 Mhz. Banda SW1

Volviendo a Jesús



QSL

INICIO ONDA CORTA: 22 AG. 1987      SEÑOR

POTENCIA : UN KILO      SAMUEL BARTO

FRECUENCIA: 6025 KHZ      47 PROSPECT PLACE

ANTENA: VERTICAL, DE 11.8 MTS. DE ALTO, CON 170 RADIALES DE 11.8 MTS. DE ANCHO.      BRISTOL, CT.

LONGITUD: 60°54'58"O      USA. 06010

LATITUD : 18°33'04."O

"HE AQUÍ Y ENVÍO MI MENSAJERO, EL CUAL PREPARARÁ EL CAMINO DE LA LUZ DE MI..." MAL: 3:1

Recd. Onix 10/27/87 - Tel. 388-020 - Santo Domingo, D.R.

**SEYCHELLES: BBC Indian Ocean Relay Station 12095 via Mahe** The station verified my rpt. w/a frequency only ltr. Word document reply from Jose Tambara, Senior Engineer at Babcock International Group PLC in 48 ds. Email: jose.tambara@babcock.se In his ltr. Jose notes "We have two Marconi 250 KW B6132 transmitters using Pulse Width Modulation. Antenna systems are six Marconi 4 band arrays strung across four towers. We broadcast real time programs

received from London via satellite. Please note that the BBC Indian Ocean relay Station in the Seychelles will cease all operations as from the end of March 2014. (D'Angelo-PA).

**TAIWAN: Radio Taiwan International 7445 via Paochung** f/d cd. w/ site in 62 ds. w/ a copy of the English program schedule and the RTI English Service Frequencies and Broadcast Times. (D'Angelo-PA).



**STATION NOTES: Radio Farda 7580 via Iranawila** Addr: RFE/RL, Vinohradska 159a, 10000 Praha 10, Czech Republic. **Radio Marshaal 15360 via Iranawila** same address as RFE/RL above. **Radio Netherlands 9895 via Trincomalee, Sri Lanka** Email: cartas@mw.nl **Trans World Radio Africa 6130** Email: info@twr.org.za v/s Lorraine Stravopoulos, QSL Manager. **Radio Nord Revival 6060 via Sala** Addr: Ronny Forslund, Vita Huset, SE-17995 Svartsjo, Sweden. **Radio Damascus 9330** Email: radiodamasco@yahoo.com v/s Amelia Puga, QSL Manager for the Spanish Service. **3AC Monaco Radio 8728 and 13146** Email: info@naya. **mc Radio Bangladesh Betar 7250** Email: rrc@dha.net ...via PLAY DX...Sam.



**Empresas Radiofónicas, S. A.**

Gustavo Mejía Ricart No. 293, Apto. 2-B, Ens. Quisqueya, Santo Domingo, Rep. Dom. Apartado Postal 20339. Tels: 565-7856, 567-9698. Cable: EMRASA

Santo Domingo, D.R. 11 Septiembre, 1991.

**Radio Barahona**  
AM  
HICV 1240 KHz  
Tels 542-2533  
542-2478

Señor  
Samuel L. Barto,  
Bristol, CT.  
U.S.A.

Distinguido Viejo Amigo y Oyente:

Después de saludarle con abrazo caribeno le estamos escribiendo estas líneas para cumplir nuestra promesa de la primera correspondencia donde le expresamos que posteriormente les escribiríamos para enviarle un recuerdo de nuestra emisora Internacional: RADIO BARAHONA "La Favorita Del Sur".

Pasado un tiempo ya tenemos lista una calcomanía o sticker que representa una costa con un Sol Radiante que bien expresa que estamos transmitiendo desde una ciudad que es Costa. La Provincia de Barahona está ubicada en la Región Suroeste de la República Dominicana y en ella se vive generalmente de la Pesca e Industrias para Exportación y de la caña de Azúcar.

RADIO BARAHONA en onda media en los 1240 KHz es la emisora matriz de nuestra cadena radial compuesta por 9 estaciones de radio tanto AMs como FMs.

Radio Barahona Internacional mantiene operando con sólo 1000 Vatios de potencia en antena y tenemos en el aire la Programación simultánea de la frecuencia de Onda Media. Estamos en el aire con esta frecuencia Tropical para dar servicios esporádicos de Informaciones Internacionales. Por el momento no es nuestra meta ser una Potente estación Caribena en esta Banda. Por más nunca sobrepasaremos de 5000 Vatios en antena.

Sin más por el momento le agradecemos sinceramente su sin tonía y a la vez que le pedimos trate de sintonizarla nuevamente.

Ing. Roberto Lams  
RADIO BARAHONA INTERNACIONAL

**USA: WWV 25000** The station responded to my email rpt. w/ an email reply in 1 day for their experimental broadcast at 25 MHz. The reply promised a more formal QSL response eventually due to the high number of QSL requests. (D'Angelo-PA).

**USA (Pirates): The Crystal Ship 6876** The station verified my email rpt. to: tcsshorthwave@gmail.com w/ a f/d "70's Jukebox" PDF attachment in 6 ds. from John Poet who also sent along a copy of the playlist from the show. (D'Angelo-PA).

# RADIO AFRICA NETWORK

PO BOX 851  
MALABO  
EQUATORIAL GUINEA

THANK YOU FOR YOUR RECEPTION REPORT OF:

Frequency/Meter Band: 15190 kHz  
Date: May 3, 2010 Time: 1900 UTC

## RADIO AFRICA

Radio Africa: 7190kHz & 15190kHz / Daily 1700-2300 UTC  
Radio East Africa: 15190kHz / Sat & Sun 0700-1600 UTC  
Radio Africa #2: 15190kHz / Mon - Fri 0700-1200 UTC

For Information and Program Schedules Write to:

PAN AMERICAN BROADCASTING  
7011 Koll Center Pkwy Ste 250  
Pleasanton CA 94566-3253  
USA

Mr. Edeard J. Nawrocki  
2302 South Ridge Ave  
Kannapolis, NC 28083

## Channel Z Radio 6150

The station verified my email rpt. w/ a f/d "Keep Calm" QSL #266 from Commando indicating .25 watts in 8 days. The v/s stated "My latest experiment was to try broadcasting in the middle of the international 49 meter band, in the hopes of surprising some casual listeners, or DXers just tuning around. Its good to know that you could hear me. You heard one of the special "Before They Were Famous" programs

from guest DJ Andy Walker. I was very lucky to have Andy do these shows for Channel Z Radio, as he has been in semi-retirement for the past three years, with only occasional guest appearances on Crazy Wave Radio in Germany, and now for the third time on Channel Z Radio. "Before They Were Famous Part 4" has already been recorded, and will air sometime very soon... Channel Z Radio has been on the air since

**STATION NOTES:** Radio Free Sarawak 17560 via Yangi Yul Addr: Bruno Manser Fonds, Socinstrasse 37, CH-4051 Basel, Switzerland Hamburger Lokal Radio 7265 via MV Baltic Radio Addr: Michael Knitter, Max Eichholz-Ring 18, DE-21031 Hamburg, Germany. HCJB 3995 Email: deutsch@andestimme.org Addr: Arbeitsgemeinschaft Radio HCJB e. V HCJB World Office Germany, Verdistrasse 13, DE-26810 Westoverlegingen, Germany or Radio HCJB, Die Stimme der Anden, Postfach 17-17-691 Quito, Ecuador. v/s Marco Schaa and Iris Rauscher. Radio Gloria Schweiz 6085 Email: QSL@radiogloria.eu v/s Peter Galliker. XVRB Wertachtal 6045 Email: xvrbradio@gmail.com Radio Canada International 9490 via Tinang Addr: P.O. Box 6000, Montreal H3C 3A8, Canada v/s Bill Westenhaver. Caroline Rainbow 6375 v/s Jan Vraag. Email: carolineradio@hotmail.com...via PLAY DX...Sam

*La Voz de Colombia*

BOGOTA, COLOMBIA SUR AMERICA

ONDA LARGA 224 METROS 710 KHZ.

TELEGRAMS: VOZCOLOMBIA

TRANSMITIDOR DE 100 WATTOS

ONDA CORTA 6025 KHZ. 48 METROS

APARTADO 20-65


TRUO A. N. A. 1330 P. M.

*Una Emisora al Servicio de la Cultura Nacional*



WPON  
The Weapon  
Shortwave Radio

NORFOLK VA 233  
HAMPTON ROADS  
05 MAY 2011 PM 3 L



Date: 4-22-11  
Time: 23:15-23:55  
Frequency: 6925 USB  
Name: Richard D'Angelo

TO  
Richard A. D'Angelo  
2216 Burkey Drive  
Wyomissing, PA 19610

November 2004, and started because of my interest in building homemade shortwave transmitters...to be continued next month...Sam.

Another nice QSL Column. I must say that I was shocked to receive the Brazilian QSL after 3 years.

Till next time...

# Contributors' Page

Steven Handler • 113 McHenry Rd #178 • Buffalo Grove, IL 60089 • stevenhandler-naswa@yahoo.com

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

The following members sent in contributions:

Scott R. BARBOUR Jr., Intervale, NH	NRD545, MLB-1, 200' Beverages, 60m dipole
Rich BARTON, El Mirage, AZ	HQ-200, HQ-120X, SP-600, R8, PL-660, random w
Bob BROSELL, WI	NRD-545, Eton E1, Sony ICF SW 77
John COOPER, Lebanon, PA	WR-G33DDC Excalibur Pro, RF Space SDR-IQ
Rich D'ANGELO, Wyomissing, PA	RX340, Alpha Delta DX Sloper
Jim EVANS, Germantown, TN	RX340, R75, E1, ICF-SW7600G, G6, 90' lw, 100m loop
Robert FRASER, Belfast, ME	Eton Mini 300, whip antenna
Glenn HAUSER, Enid, OK	FRG-7, DX-398/ATS-909, YB400, ICF SW-07
William McGUIRE, Cheverly, MD	DX-380
Richard PARKER, Pennsburg, PA	51S-1, R390A, SE3, ant. farm
Pamela PRODAN, Wilton, ME	YachtBoy 400PE
Alan ROE, Teddington, UK	Winradio G31 Excalibur, 17m long wire
Dave TURNICK, Sinking Spring, PA	RX340, WinRadio, Alpha Delta DX sloper, 49m dipole
Robert WILKNER, Cedar Key, FL	NRD-545, 535D, R8, IC746Pro, E1, Sat 800, Flex EWE

73 and Good DX to all -Steve Handler




2000-5900 kHz

## Tropical Band Loggings

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

- 3185 USA *WWRB* Manchester 1202 Bro. Stair is JBA & not yet 9370; just enough to make it // 9980 WWC bigsig; 5/12. (Hauser-OK)
- 3204.92 PNG-PAPAU R. *West Sepik/R. Sandaun* Vanimo 1030-1045 (T); Noted here w/ some audio; 6/1. (Wilkner-FL)
- 3235 PNG-NEW BRITAIN TERRITORY R. *West New Britain* Kimbe [UTC?-ed.] (T); Noted here w/ threshold audio; 6/1. (Wilkner-FL)
- 3260 PNG-PAPAU R. *Madang* Madang 1005-1045 M anc in listed Tok Pisin; mx; fair; 5/17 & 6/2. (Brossell-WI) 1014-1045 (T); Noted here w/ weak audio; 6/1 & 2. (Wilkner-FL)
- 3310 BOLIVIA R. *Mosoj Chaski* Cochabamba 1010 W anc in Quecha; good sig under distant t-storm noise; same at 1017 recheck & f/out by 1027; 5/20. (Wilkner-FL) 0005-0007 Noted w/ trio mx, vclists good sig; 6/1. (Wilkner-FL) 0118 V. poor sig w/ mx, but it's neither of my talky lcls 960 or 1390 which can put a mixing product here, so (T) R. Mosoj Chaski; however, at 1245 check when of course Bolivia could not make it, now the audio on 3310 matches KGWA 950; 6/14. (Hauser-OK)
- 3320 SOUTH AFRICA R. *Sondergrense* Meyerton 0050 Mx; 0055 ID; "Brown Sugar" intro followed by M & W anc in (P) Afrikaans; constant pulse noise in the background along w/ some fading; best I have been able to pull this stn in & able to understand some of the Germanic words being spoken; fair; 5/1. (Cooper-PA)
- 3375.1 BRAZIL R. *Municipal* São Gabriel da Cachoeira 0957-1010 Locutor em português; 0958 into mx & more M anc; under distant t-storm crackle; good; 6/2. (Wilkner-FL)
- 3385 PNG-NEW BRITAIN TERRITORY R. *East New Britain* Rabaul 1050 M anc in (P) Tok Pisin; fair; gone by 1107; 5/12. (Brossell-WI) 1018-1025 M anc in Tok Pisin; weak w/ fading; only other sign of PNG stns was a weak carrier on 3905; 5/21. (Evans-TN)

- 3480 **SOUTH KOREA V. of the People** Kyonggi-do 1050 M ancr in KK; barely heard over hum-whine of DPRK jammer; fair; 5/30. (Barton-AZ)
- 3925 **JAPAN R. Nikkei-1** Tokyo-Nagara 0950 Symphonic classical mx before the hour to traditional JJ mx after; some light QRM from ARO traffic, even at this hour; fair; 5/29. (Barton-AZ)
- 3985 **SOUTH KOREA Echo of Hope** Hwaseong 1050 Long talk by M ancr in KK over possible jammer; good; 5/30. (Barton-AZ)
- 4055 **GUATAMALA R. Verdad** Chiquimula 1018 Non-stop hymns until ID at 1030; fair; 6/2. (Brossell-WI)
- 4319U **DIEGO GARCIA AFN** 2355-0019 Soft rock mx; noted w/ decent sig; 6/1-3. (Wilkner-FL)
- 4451.1 **UNIDENTIFIED** 2330-2350 Looking for Bolivia-R. Santa Ana, Santa Ana de Yacuma; fair in SS but two years since an ID on this one; 5/19. (Wilkner-FL)
- 4699.9 **BOLIVIA R. San Miguel** Riberalta 2345-0005 P-f in SS w/ deep fades; 5/20. (Wilkner-FL) 1000-1010 Improved sig w/ M ancr in SS; 6/2. (Wilkner-FL)
- 4716.65 **BOLIVIA R. Yura** Yura 2340-0051 Best sig in last six months; series of often non-stop mx selections; often flauta andina interrupted by brief digital ute interference, 2355 & 0031; beautiful song 2344 w/ yipping; new mx as 0030 w/ flauta andina; no ID at 0000 heard; M ancr ment. de "Kilohertz" 0049; 5/20. (Wilkner-FL) 0121 Better than usual w/ mx & W ancr in SS, but rough modulation, audio cutting; fair; 6/3. (Hauser-OK)
- 4755 **MICRONESIA V6MP The Cross** Pohnpei 1009 Sermon in EE; f-p; 6/2. (Brossell-WI) 1001 Nx; fair w/ fading; 6/11. (Brossell-WI)
- 4775 **BRAZIL R. Conganhas** Conganhas 0051 (P); Usual low rumbling het/fast SAH between Per' & Brasil, listening in AM, but w/ USB mode; I'm only hearing Brazuguese; W anc speaking/preaching w/ reverb; soon mentioning Conganhas a few times; 0053 hymn; fair; 5/17. (Hauser-OK)
- 4785 **BRAZIL R. Caiari** Porto Velho 0955 M ancr in PP; mx 0958; rooster crow 0959; Bom Dia repeated by M ancr, "nas palavras"; 5/20. (Wilkner-FL)
- 4810 **PERU R. Logos** Chazuta 1032-1037 (P); M ancr in SS; p-f w/ some fading; 5/21. (Evans-TN)
- 4815 **BRAZIL R. Difusora** Londrina 0054 (P); Encouraged by 4775, I find an even stronger Brazilian here; no doubt Londrina w/ M preacher in Brazuguese; fair vs CODAR; 4885 presumably Pará also in not quite as well; 5/17. (Hauser-OK)
- 4824.49 **PERU LV de la Selva** Iquitos 2325-2337 Noted here in SS w/ marginal sig; 6/5. (Wilkner-FL)
- 4835 **PERU Ondas del Suroriente** Quillabamba 2319-2345 Locutor en español; deep fades; 6/2. (Wilkner-FL)
- 4840 **USA WWCN** Nashville 0517 Open carrier/dead air except for some hum; recheck at 0544 now modulating; 3215 is on the air tonight; 6/8. (Hauser-OK)
- 4870 **INDONESIA-PAPUA RRI Wamena** 1050 M ancr in listed Indonesian; f-p; 5/17. (Brossell-WI) 1013 Instrumental mx & ancments in (P) Indo; fair; 6/2. (Brossell-WI)
- 4875 **BRAZIL R. Difusora Roraima** Boa Vista 0122 (P); EE pop mx; 0131 ancr in (P) PP w/ ad; no ID noted; no other stn listed on skeds that I have available; fair; 6/1. (Cooper-PA) 0208 (P); Continuous mx; poor; 6/15. (Cooper-PA)
- 4885 **BRAZIL R. Clube do Pará** Belém 0710-0755 Noted during band scan w/ Brazpops; good; 5/19. (Wilkner-FL)
- 4910 **AUSTRALIA VL8T** Tennant Creek 0800-0803 V. brief f/up w/ EE talk then covered by CODAR & off by 0830; 5/19. (Wilkner-FL)
- 4915 **BRAZIL** 0119 The two strongest Brazilians on band are both on (almost) the same freq!; one w/ mx, the other talk in Brazuguese & strength about equal, making a mess & a barely perceptible low audible heterodyne; & both slightly on the hi side; CODAR is on the lo side only, eliminated by listening in USB; they are: ZYF360, 25 kW, R. Dif. Macapá in Amapá; & ZYF691, 10 kW, R. Daqui, Goiânia, Goiás, per WRTH; 6/10. (Hauser-OK)
- 4915 **BRAZIL R. Daqui** Goiânia 0055 "Aparecida de Goiânia" mentioned & then "Rádio Daqui" several times; these four were the best on 60m, but by 0125 recheck, all of them had weakened; probably coincidentally a cold front blew thru here; 5/17. (Hauser-OK)
- 4925 **BRAZIL R. Educação Rural** Tefe 0135 (P); W ancr in (P) PP; M ancr at 0136 w/ brief mx bit at 0138; poor; 6/1. (Cooper-PA)
- 4940 **CHINA V. of the Strait** Fuzhou 1045-1109 Talks in Mandarin; fair; 5/12 & 30. (Brossell-WI)
- 4985.5 **PERU R. Voz Cristiana** Huancayo 0005 M ancr in SS; listening in USB to avoid RTTY on 4985; 6/1. (Wilkner-FL)
- 4990 **SURINAME R. Apintie** Paramaribo 0710-0845 M ancr in Dutch w/ fades; 5/19. (Wilkner-FL)
- 5015 **USA WRMI** Okeechobee 0625 Poor w/ Bro. Stair, not especially strong & w/ mx splash from 5025 Cuba; Jeff White had originally planned to activate WRMI on 60m via 5030, which would have been even worse, & we advised him against it, but did NOT suggest 5015; as of June 1, the HFCC Public sked has not been updated since 5/23 & still shows 5030 registered A-14 for "YFR" 24 hours in "Spanish" at 160 degrees, & nothing on 5015!; 6/1. (Hauser-OK)

- 5020 **SOLOMON ISLANDS SIBC** Honaira 1158 JBA carrier can still be pulled thru, despite WRMI on new 5015 which is plenty weak & so is 5025 Cuba at this late hour; SIBC cutoff at exactly 1159:00\*; a few minutes earlier also had carrier on 4755 from (P) Micronesia, but it must have gone off first; 6/2. (Hauser-OK)
- 5050 **USA WWRB** Manchester 0103 Another no-show for our only scheduled time on WWRB; I was hopeful since 5050 was active earlier in evening; along with 9370, not 3185; At 0327 approx., preacher stops on 5050; as if WOR were imminent after the usual pause; but instead circa 0328.4 another preacher starts & continues until suddenly off the air at 0343\*; 5/16. (Hauser-OK) 0327 World of Radio 1722 confirmed after missing a few weeks; previous preacher was cut off about 10 seconds earlier for a respectful pause; 5/23. (Hauser-OK)
- 5085 **USA WTWW-2** Lebanon 1321 5085 & 5830 are still on; v. poor & f-g respectively; nothing yet on 9475, 9930 or 12105; By 1401, 12105 has come on w/ BS & 9475 w/ SFAW but Australia audible underneath, which is unusual; 9930 still absent; 5/15. (Hauser-OK) 0057 WTWW-2 w/ BS is on nite freq already, not 9930; while 9475 WTWW-1 w/ SFAW is still on day freq, not 5830; 5/24. (Hauser-OK) 0539 WTWW-2 is off, so BS has to make do with only a dozen other freqs; but 5830, WTWW-1 is on; 6/7. (Hauser-OK)
- 5110v **USA WBCQ** Monticello 0355 CUSB; World of Radio 1720 monitoring. I missed confirming the 0300 b/cast via Area 51 on WBCQ; but at 0355 there was a JBA sig on freq, so probably fulfilled; 5/12. (Hauser-OK) 0104 Back on w/ unsked replay of an old "Allan Weiner Worldwide" as his "darling wife" joins him to talk about candy; rather sad, considering her demise in the meantime; the other txmitters are active tonight, each w/ separate prgrmg; 7490v & 9330v-CUSB; 6/5. (Hauser-OK)
- 5460 **PERU R. Bolivar** Cd. Bolivar [UTC?-ed.] Noted here w/ in SS w/ fair sig; on 4/8 had a tentative on this at 1045 but nothing since for lcl Peru morning; 6/8. (Wilkner-FL)
- 5580.3 **BOLIVIA R. San Jose** San Jose de Chiquitos 0108 (P); Not only a carrier but some mx audible; allegedly only 250w per WRTH 2014, w/ closing varying around 0200; I check for this most evenings, but seldom anything detectable; there is still too much lcl line noise to copy anything, but the carrier is still there at rechex 0119, 0132, 0141 & 0153; 5/18. (Hauser-OK) 2340-2350 Noted en espa0ol during band scan; good; [date?-ed.]; (Wilkner-FL)
- 5830 **USA WTWW-1** Lebanon 1343 Fair & 5085 WTWW-2 poor & 12105, WTWW-3 not on yet; so they are back to 1400v for the change to 9475 & 9930, having done it circa 1300 on May 16; still undecided; 5/18. (Hauser-OK) 

# International Band Loggings

5901-30000 kHz


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

- 5910 **FRANCE Radio Japan** Issoudun, 0326-0412 May 15, man announcer with Japanese talk, ID into a "live" program featuring talk by a man and woman, applause, laughter, etc. ID at 0358 with 3+1 time pips at 0400, ID by a woman announcer and news. Good signal. (D'Angelo-PA)
- 5980 **PERU R. Chaski** May 26 until 0112:20.5\*, Urubamba, cutting off, which is 9 seconds later than yesterday. Did I miscalculate or did they? (Glenn Hauser, OK, DX LISTENING DIGEST)
- 5980 **PERU R. Chaski** 0112 carrier barely audible thru totally uncalled-for pulse jamming by Cuba, until cutoff at 0112:46\* which is 5.5 seconds later than yesterday (Glenn Hauser, OK, DX LISTENING DIGEST)
- 6055 **SPAIN REE** 2300 3/14/14 in F. Good. (McGuire-MD)
- 6070 **CUBA Radio Habana** Havana, 0215-0233 May 10, talk in Spanish language by a man and woman announcers. Several IDs. Fair. (D'Angelo-PA)
- 6134 **BOLIVIA Radio Santa Cruz** Santa Cruz, 0039-0116 May 19, program of lively Latin vocals hosted by a man announcer with IDs and Spanish talk. Formal canned ID at 0050 followed by news. News ended at 0104 with male announcer returning with ID and TC followed by more lively Latin vocals. Fair. (D'Angelo-PA)
- 6134 **BOLIVIA Radio Santa Cruz** 0103-0134 Jun 18, man announcer with Spanish talk hosting a lively music program. Poor to fair. (D'Angelo-PA)
- 6160 **CANADA CKZU** Vancouver, 0809-0815. Both CKZN and CKZU heard simultaneously with CBC programming. One station had talk in English by a man, and the other talk by a woman. Both signals were of poor to moderate strength with fading. 5/21/2014 (Evans - TN)
- 6175 **VIETNAM V of Vietnam** 0130 3/20 in VV. Good. (McGuire-MD)

- 6180 **BRAZIL Radio Nacional da Brasilia** Portuguese 2310 Brazilian songs; fair-poor until CRI on 6175 out of Albania started loud music and obliterated it entirely 4/12 (Prodan-ME)
- 6876 **PIRATE (No. Am.) The Crystal Ship** 0203-0222 May 23, rock music program with woman announcer giving ID and e-mail address as tcshortwave@gmail.com which was repeated before a man mentioned "The Crystal Ship" before more rock music. Fair. (D'Angelo-PA)
- 6880 **AM PIRATE (No. Am.) WMID**, 0012-0033\* May 31, man announcer with rock music program with periodic simple "W-M-I-D" IDs between selections. Off at 0033 with George Zeller talking about a pirate station. Good signal but some noise and fading reduced this to only fair overall. (D'Angelo-PA)
- 6913 **PIRATE (No. Am.) UNID**, 0338-0415 May 21, someone playing old time radio programs including a Dennis Day feature and the Man Who Died Yesterday with "Murder at Midnight". Poor with some fair peaks. (D'Angelo-PA)
- 6925 **NORTH AMERICA XLR8**, May 31 at 0128, fair signal, hard rock from the only pirate on the band; 0130 ID as "X L R 8 — Accelerate!". But it stays on the same frequency in kilocycles per second. If it were drifting upward it would be accelerating in units of kilocycles per second per second (or kHz/sec). Off at 0151 check (Glenn Hauser, OK, and DX LISTENING DIGEST)
- 6940 **PIRATE (No. Am.) MAC Shortwave**, 0032-0037\* May 25, man announcer in English with ID requesting e-mail followed by a woman singer with vocal Love is Blue" with orchestra National Anthem at 0036. Laughter at 0037 and carrier cut at 0037. Fair to good. (D'Angelo-PA)
- 7225 **CHINA PBS** Sichuan 2 Chengdu (presumed), 1047-1050. Faint Chinese talk by a man occasionally heard peaking above the noise. Very poor signal, but definitely there. 5/21/2014 (Evans - TN)
- 7260 **TURKEY Voice of Turkey** Emirler, 0103-0113 May 14, man announcer with news in the Turkish language. Fair with slight amount of amateur radio operator QRM. (D'Angelo-PA)
- 7295 **MALAYSIA Traxx FM** June 8 at 1233 pop music, very poor but presumed Traxx FM, the English service of RTM, which is never any better than this here. Nothing else listed at this time; HFCC has CNR Kirgiz from Urumqi until 1230, but not in EiBi or Aoki. On this frequency one must beware of North American hams who like to transmit in AM, but should not be with any music (Glenn Hauser, OK, DX LISTENING DIGEST)
- 7305 **USA Vatican Radio** via Greenville, NC; 0244-45 station music & off; good 5/29 (Prodan-ME)
- 7315 **USA WHRI** Cypress Cr, SC 0243+ Christian rock music; good 5/29 (Prodan-ME)
- 7350 **CHINA China Radio International** Kashi, 2337-2354 May 14, English service with man and woman hosting Beijing Hour with Sports, Language Lesson and news. Fair. (D'Angelo-PA)
- 7360 **SOUTH AFRICA BBC** Meyerton, 0416-0434 May 31, man announcer with news in English followed by a woman with news features. Poor to fair. (D'Angelo-PA)
- 7385 **USA WHRI** Cypress Cr, SC 0240-45+ English; "reading from the New King James version"; fair 5/29 (Prodan-ME)
- 7390 **CHINA China Radio International** Hohhot 694, 1100-1103. Brief Chinese music followed by announcements by a man, then talk in Mongolian (per schedule). Very weak signal with fading, peaking above the noise 50% of the time. 5/21/2014 (Evans - TN)
- 7460 **MOLDOVA R Payam e-Doost** Parsi; 0230-40+ m slowly & soothingly speaking over light piano; after 0240 m speaking over f chorus; good 5/29 (Prodan-ME)
- 7490 **USA WBCQ** 0224-35 Overcomer ministry, preacher singing a bit off key; loud 5/29 (Prodan-ME)
- 7505 **USA WRNO** New Orleans 0208-0212+ light Christian pop music; fair to good, improving 5/29 (Prodan-ME)
- 7555 **USA KJES** Vado, NM 0214 Spanish f preacher & congregation in call & response; 0227 congregation singing up-tempo; 0230 sta ID in Sp by child & off; fair, occas fades 5/29 (Prodan-ME)
- 7570 **USA WRMI** Okeechobee, Florida 0221 Overcomer ministry; good 5/29 (Prodan-ME)
- 9315 **EGYPT Radio Cairo** Abu Zaabal, 0125-0218 May 10, Egyptian music followed by Spanish talk. At 0200 time pips followed by a woman with ID and frequency announcements in almost impossible to understand language. Could have been close of Spanish service or beginning of listed English service. At 0204 a man opened the English program with a feature program. Mainly recitations followed by talk. Fair. (D'Angelo-PA)
- 9500 **OMAN Radio Sultanate of Oman** 0027-0106 Jun 19, recitations followed by a man announcer with Arabic talk at 0043 mixing with some instrumental music. ID by another man announcer at 0100 followed by more talk features with some instrumental music. Fair. (D'Angelo-PA)
- 9535 **SPAIN REE** 0100 5/20 in SS. Good. (McGuire-MD)
- 9545 **SOLOMON ISLANDS SIBC** June 8 at 0456, JBA carrier until cutoff at 0501:04.5\*, no doubt SIBC [not SIBS]; tnx to tip from Craig Seager et al., in Australian DX News that this transmitter is now on air from 23 to 05 UT only; (Glenn Hauser, OK, DX LISTENING DIGEST)
- 9555 **SAUDI ARABIA BSKSA** 2100 3/19 in AA. Fair. (McGuire-MD)
- 9565 **BRAZIL Radio Deus e Amor** 0342 fair until wiped out by 9570 CRI coming in excellent from Albania 4/17 (Prodan-ME)

- 9570 **ALBANIA CRI** 0150 English, talk with musician involved in film about James Brown; 0153 ID, "crienglish.com", address; 0156 Chinese lesson; excellent 4/23 (Prodan-ME)
- 9570 **CUBA CRI** out of Havana 1255 Chinese, f ann; 1258 English, M ann "www.chineseradio", freq, etc; 1300 "Discover modern day China..."; 1301 CRI News - search for missing plane, Chinese-German relations, Ukraine; 1306 "welcome to China Drive"; good 4/14 (Prodan-ME)
- 9580 **AUSTRALIA ABC Radio Australia** 1040-1059 "The Daily Planet" music show; 1100-1105 news - 275 km/hr cyclone headed for Queensland; loud & clear 4/11 (Prodan-ME)
- 9580 **AUSTRALIA R. Australia** Friday May 23 until 1214, RA in English with coverage of the Thai situation on "Asia Review" which the Asian-accented announcer says is also on ABC Radio National now. Next subject: refugees on Nauru. (Glenn Hauser, OK, DX LISTENING DIGEST)
- 9590 **CHINA China Radio International** Kashi, 0036-0057\* Jun 6, Spanish service with talk by a woman announcer alternating with musical selections. ID at 0056 followed by closedown announcements. Poor to fair. (D'Angelo-PA)
- 9600 **CHINA R. China Int'l** 2100 3/25 in EE. Fair. (McGuire-MD)
- 9605 **USA KBS World Radio** Cyprus Creek, 0127-0244 May 22, woman announcer with talk in the Spanish language. Id at 0129 by a man announcer followed by more talk by the woman. Very good signal. (D'Angelo-PA)
- 9610 **TURKEY V of Turkey** 2130 3/19 in EE. Poor. (McGuire-MD)
- 9663 **BRAZIL Radio Voz Missionaria** 0038-0118 Jun 5, nice program of Brazilian vocals and music selections. ID at 0059 followed by a man announcer with the news in the Portuguese language. More music after the news ended at 0110. Poor to fair. (D'Angelo-PA)
- 9665 **BRAZIL Radio Voz Missionária** Camboriú, 0003-0037 May 16, mix of music and talks in the Portuguese language by a man and woman announcing team. ID and general chatter. Poor to fair. (D'Angelo-PA)
- 9825 **USA Voice of America** Greenville, 0158-0159\* Jun 6, caught a woman announce reending VOA Mosaic program followed by instrumental music before carrier was terminated. Good signal. (D'Angelo-PA)
- 9830 **TURKEY Voice of Turkey** Emirler, 2216-2332 May 17, woman announcer hosting DX Corner feature program with news about radio in the Ukraine. At end of program mentioned back in two weeks' time. Good signal. (D'Angelo-PA)
- 9845 **ALBANIA Radio Tirana** Shijak, 0147-0158\* Jun 6, continuous popular music and vocals until interval signal was repeated twice at 0157 before the carrier was terminated at 0158. Presume English service. Fair. (D'Angelo-PA)
- 9920 **ALASKA KNLS** May 23 at 1505, JBA carrier, so presumably KNLS is really on here for this English hour. Nothing else listed in Aoki, although \*jammed VOA Tibetan via Thailand precedes 1500, and from 1200 to 1330 is FEBC in obscure languages westward (Glenn Hauser, OK, DX LISTENING DIGEST)
- 9965 **EGYPT Radio Cairo** 0015-0047 Jun 3, nice program of Egyptian vocals and music hosted by a woman announcer with brief English talk. She gave the closedown announcements and final ID at 0027 mentioning that the Arabic program was next. Time pips at 0030 followed by Arabic program with Qur'an recitations before a pop music program. Fair to good and reasonably audible. (D'Angelo-PA)
- 11510 **PRIDNESTROVIE Denge Kurdistan** Grigoriopol, 0334-0423 Jun 21, nice selection of musical programming hosted by a man announcer with brief talks in the Kurdish language. No stops for ID at 0400 as music programming continued. Fair. (D'Angelo-PA)
- 11710 **ARGENTINA RAE** 0234-0305 Jun 18, man announcer with English talks alternating with tango music. Multi-language station IDs beginning at 0254 prior to the opening of the French Service at 0300. Poor to fair. (D'Angelo-PA)
- 11735 **ZANZIBAR Zanzibar Broadcasting Corporation** Dole, 2030-2100\* May 31, man announcer with news in Swahili language followed by a local music program. At 2059 another man with canned closedown announcements including an ID mentioning "FM". Poor at first but steadily improving. (D'Angelo-PA)
- 11750 **BRAZIL RNA** May 24 at 0536, RNA 11780 is still putting out those filthy, distorted parasitic spurs. Next check at 0116 May 25, no spurs; they go and come (Glenn Hauser, OK, DX LISTENING DIGEST)
- 11750 **BRAZIL RNA** June 23 at 0518, bit dirty extremely distorted strong spurs again from 11780 RNA which is somewhat distorted, over modulated itself (Glenn Hauser, OK, DX LISTENING DIGEST)
- 11770 **NIGERIA Voice of Nigeria** Ikorodu, 2106-2200\* May 31, man announcer with talk in Hausa language. Carrier cut at 2113 seemingly ending transmission. Re-tuned at 2137 to hear man talking hosting African music program. Drums at 2144 with a woman giving ID over drums. Drums again at 2157 ending program followed by dead air at 2158 until carrier cut at 2200. Poor to fair. (D'Angelo-PA)


- 11780 **BRAZIL Radio Nacional da Brasilia** Portuguese 2305-2310 Brazilian songs; fair until wiped out by music on WHRI 11775 4/12; 0053+ songs with acoustic instruments; 0058 a couple minutes of numbers by m ann (lottery?); loud & clear 4/13 (Prodan-ME)
- 11820 **IRAN Voice of the Islamic Republic of Iran** Sirjan, 0151-0221\* May 23, Kazakh language program with woman announcer talking followed by recitations from the Koran. Carrier cut mid-sentence. Poor to fair. (D'Angelo-PA)
- 11825 **ROMANIA Radio Romania International** Galbeni, 0320-0340 May 22, man announcer with ID followed by English language feature. Fair. (D'Angelo-PA)
- 11905 **SRI LANKA SLBC** May 26 at 0114, SLBC carrier is on, 0114:46.5 music starts, but no timesignal heard during pause before sign-on announcement from 0115:23.5; very poor (Glenn Hauser, OK, DX LISTENING DIGEST)
- 11945 **ROMANIA RRI** May 31 at 0205, RRI in Spanish, an echo apart from much stronger // 11955, so must be from the two different sites and azimuths: HFCC shows 11945 is 245 degrees from Galbeni, and 11955 is 307 from Tiganeshti. Also on 9645 at 0218 with RRI ID and lite het from R. Bandeirantes; 9645 is not synchro with 11945, so must also be Tiganeshti: yes, and also 307 degrees. RRI music is great, whatever the language service (Glenn Hauser, OK, DX LISTENING DIGEST)
- 11955 **ROMANIA Radio Romania International** Tiganesti, 0042-0056\* May 31, man hosting Sports Weekend with update on Romanian players still in French Open. Next program was Through the Looking Glass followed by The Cooking Show featuring lamb stew. Good signal. (D'Angelo-PA)
- 11995 **FRANCE Radio Taiwan International** Issoudun, 0235-0300\* May 10, Spanish program with Spanish-Chinese language lesson hosted by a male announcer. ID at 0250 followed by quick pop tune and continuation of language lesson. A woman announcer with ID, closedown announcements at 0258 followed by 2 time pips at 0300 before carrier was terminated. Fair to good reception. (D'Angelo-PA)
- 12070 **EGYPT R. Cairo** May 25 at 0118, R. Cairo Spanish service, presumably, awful distortion and buzz out to plus/minus 13 kHz or so; 11710 modulation is suppressed and distorted, only audible at peaks of spikes, but no het from Argentina on a UT Sunday; 9315 is distorted but relatively readable. (Glenn Hauser, OK, DX LISTENING DIGEST)
- 12095 **OMAN BBC A'Seela**, 0301-0317 May 10, woman announcer in English hosting news program with remote reports including item about European Union. Poor. (D'Angelo-PA)
- 15130 **ROMANIA Radio Romania** 1148-54 English; discussing non-aligned countries distancing themselves from Moscow in 1980s, diplomacy, and conf on investing in people, prosperity & peace at U of Bucharest; good 5/24 (Prodan-ME)
- 15140 **OMAN Radio Oman** 2046-2111 May 31, woman announcer with Arabic language talk. Man announcer with station ID at 2100 followed by a man and woman speaking with an echo effect followed by local music. Good signal. (D'Angelo-PA)
- 15170 **ROMANIA R. Romania Int'l** 2030 5/9 in EE Good. (McGuire-MD)
- 15180 **NORTH KOREA Voice of Korea** 1135 French, f ann, mix of "pops" musical pieces - popular, light classical, operatic ("O solo mio" at 1145); 1156 "la transmission est terminée" & gave freq, times & ID; poor for spoken, fair for music; after 1210 in Korean; fair 4/14 (Prodan-ME)
- 15205 **SAUDI ARABIA R.Riyadh** Abia 1745-52+ Arabic, 2 m disc; off at 1759; poor improving to fair 3/25 (Prodan-ME)
- 15275 **GERMANY DW** 1800 3/25 in Hausa. Fair. (McGuire-MD)
- 15355 **OMAN R. Sultanate of Oman** May 24 at 0118, fair-good signal with Arabic talk and music, obviously R. Sultanate of Oman once again having failed to QSY to 9500 at 0000 where there is nothing (nor anything on 15140 now, which sometimes is heard after 0100 instead) (Glenn Hauser, OK, DX LISTENING DIGEST)
- 15430 **PHILIPPINES Free Sarawak** May 26 at 1226, VP signal with YL in presumed Iban from R. Free Sarawak via RVA Palauig, 1229-1230\* music. (Glenn Hauser, OK, DX LISTENING DIGEST)
- 15505 **BANGLADESH BB** June 23 at 1358, JBA tone, 1359 BB IS at imagination level; cannot hear any mistimesignal before 1400 but into talk, presumably opening Urdu. This has just not been propagating for weeks (Glenn Hauser, OK, and DX LISTENING DIGEST)
- 15540 **KUWAIT R. Kuwait** 1900 5/14 in EE. Good. (McGuire-MD)
- 15540 **KUWAIT R. Kuwait** June 21 at 1950, no signal from R. Kuwait English; by 2001 it's a JBA carrier. Meanwhile, 13650, Arabic toward N. America is poor-fair at 1950 until cutoff at 2000:30\*. Before I retune to 17550, that successor has already come on by 2001 with very poor signal, but by 2047 it's fair, while 15540 is still useless (Glenn Hauser, OK, DX LISTENING DIGEST)
- 15570 **VATICAN Radio Vaticana** 1854-1900 Latin; priest and congregation doing call and response "ave Maria gracias..."; "amen" at 1859; 2x 15 sec of station music at 1900 then off suddenly just as a song started; loud & clear 4/10 (Prodan-ME)

- 15575 **KOREA SOUTH KBSWR** May 25 at 1308, KBSWR in English sounds normal, report about a prosecutor in the ferry disaster story, outro as "hot topic making news in Korea", 1310 into K-pop, despite reports of severe disruptions at KBS due to strikes against management, maybe primarily concerning TV? (Glenn Hauser, OK, DX LISTENING DIGEST)
- 15575 **KOREA SOUTH KBSWR** Sat June 21 at 1355, Kevin O'Donovan's listening tips have just started on KBSWR, quick logs of CRI, Iran, Japan, VOA, Vatican/Madagascar, Japan/Madagascar, DW/BBC Rwanda, BBC Singapore, KCBS 9665 (! Allowed to be mentioned here??), VOA Korean 9490, KTRR; World Cup sked on satellite (?) including S Korea game. Also mentioned he had been on last week, so I suppose he will not be on next week. It's never clear to me which weeks he's on and which weeks others. Only fair signal (Glenn Hauser, OK, DX LISTENING DIGEST)
- 17550 **KUWAIT R. Kuwait** May 31 at 2212, R. Kuwait, Arabic to C&W N America, good signal in drama mixed with some music; SSOB, better than 17850 Spain or 17860 Australia; after 2230 mostly music enjoyed past 2315 (Glenn Hauser, OK, DX LISTENING DIGEST)
- 17575 **CHINA CRI** June 9 at 1245, CRI Russian with fair signal, much better than CRI French, English and Chinese to Europe, on 17560, 17630, 17650, all via EAST TURKISTAN. 17575 must be from totally different area: yes, Aoki shows 500 kW, 315 degrees from Shijiazhuang 723. WRTH 2014 fails to show it on page 55 map, but list on page 662 puts SZG at 38 N, 114 E, i.e. near Beijing (Glenn Hauser, OK, DX LISTENING DIGEST)
- 17850 **SPAIN REE** good Sat June 21 at 2048, surprised to hear the unique voice of Antonio Buitrago, with REE mailbag replies, so it's got to be "Amigos de la Onda Corta" at a previously unknown time. I assume it's been plugged in here as filler because there is no silly ballgame available (no REE rights to Copa Mundial?) when they normally have one on "Tablero Deportivo" (and who would play any other game at such a sacred time? Enid's soccer field is vacant).
- 25000 **USA WWV** Fort Collins, 0029-0035 May 18, usual time pips and ID/TC announcements by a man announcer. Good signal with periodic deep fades as testing continues. (D'Angelo-PA) 

## NASWA Flashsheet

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

## NASWA Yahoo Group

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

# On the Shortwaves

[www.ontheshortwaves.com](http://www.ontheshortwaves.com) • Devoted to the history of shortwave broadcasting and the shortwave broadcast DXing hobby

< [www.ontheshortwaves.com](http://www.ontheshortwaves.com) > Update, May 25, 2014 -- "The World At A Twirl." Ken Boord was the best-known American DX editor during the years 1944-1955 when he wrote the "International Shortwave" column for *Radio News* (and briefly for *Popular Electronics*). He reappeared in 1960 as shortwave editor for the new *DXing Horizons* magazine. Between those two jobs Ken published a valuable primer on shortwave broadcast listening. It was called *The World At A Twirl*, a phrase that identified the Boord "brand" in those days (and was commonly abbreviated WT). WT was 126 pages long and labeled "First Edition, Summer 1956," although no subsequent editions are known to have been published. It was a compendium of all sorts of valuable information. Part I featured station profiles, photos of stations, DXers, QSLs and SWL cards, information on DXing techniques, clubs, and radio personalities, and reports on Boord visits with other DXers. Part II consisted of extensive lists of shortwave stations big and small. In Part III were more photos, plus "Press-Time Flashes." The book is a very thorough presentation of the SWLing of the day as seen through the eyes of one of its greatest promoters. Previously we posted some pages of photos of DXers from WT. Now we have replaced those pages with the entire book (PDF format). You will find it under "DX History/People." It's a big file (43 MB), so give it time to load. -- And under "Specialized Resources" we have two more articles from Adrian Peterson: "Focus on Asia: On the Air Shortwave from India's First Capital City-3: The Calcutta Story," and "The Story of Radio Broadcasting from Non-Existent Radio Stations" (both Wavescan N273, May 18, 2014).. Thanks to Adrian for continuing to prepare these important historical writeups.

< [www.ontheshortwaves.com](http://www.ontheshortwaves.com) > Update, June 1, 2014 -- Under "DX History/Stations" we have posted three items produced by Radio Australia: two histories of the station, one from 1969 (the station's 30th Anniversary), the other from 1989 (the 50th); and a 1969-70 writeup about Radio Australia's then-new Darwin shortwave facility. -- And under "Specialized Resources/Wavescan" you will find three new entries from Dr. Adrian Peterson: (1) "The Voice of the Eastern Caribbean on Shortwave: The Barbados Story" (N274, May 25, 2014); "Historic Note: The Voice of America On the Air in Australia! Part 1: American Radio Stations in Australia" (N275, June 1, 2014); and (3) "World's Oldest Sound Recording" (N275, June 1,

< [www.ontheshortwaves.com](http://www.ontheshortwaves.com) > Update, June 8, 2014 -- Have you ever wondered just how many states of the U.S., which ones, and which stations, have transmitted on shortwave broadcast over the years? You will find the answer in "The American States on Shortwave," which we have posted in a new section under "Specialized Resources." It contains a state-by-state rundown of all the stations, and it does the math of "state counting." Included in the tally are the traditional shortwave broadcasters, the wartime point-to-point broadcasters, and the apex stations (below 30 MHz.) of the late 30s-early 40s, plus a few special situations (including WWV). There are brief histories of the stations, and some QSLs and other graphics. The history of American shortwave broadcasting can be confusing. If you want to learn more about it, this is a good place to start.

< [www.ontheshortwaves.com](http://www.ontheshortwaves.com) > Update, June 15, 2014 -- We have done some housekeeping in "DX History on the Net," dropping some inoperative links, changing some section labels, and rearranging things. At the top of the page we have added a new section called "General Resources." More importantly, we have added about three dozen new websites. Among them are sites with radio-related videos; sites about KGEL, WNYW, Bethany, clandestines, shortwave in England and Vietnam, and the origins of VOA; information on Press Wireless and other early point-to-point stations sometimes used for broadcasting; sites with full issues of almost all Allied Radio and Radio Shack catalogs, and full issues of a huge number of radio and DX magazines of old; plus coverage of receivers, QSLs and EKKO stamps, DXing in New Zealand, shortwave stations during World War II (Tokyo Rose, Lord Haw-Haw) and later military conflicts, and civilian and government (FBIS) monitoring. Check them out. All the new entries are marked "New."

< [www.ontheshortwaves.com](http://www.ontheshortwaves.com) > Update, June 22, 2014 -- The Midwest DX Club was born circa 1968. Its key man, and Executive Editor of the club bulletin, was David R. Alpert of Morton Grove, Illinois. MWDXC was an all wave club, and a member of ANARC. Under "DX History/Clubs & Publications" we have posted two copies of the club's monthly bulletin, *MWDXC Journal*, one from 1971 and another from 1972. The club closed in July 1973, by which time it had over 100 members. -- And we have two new "Wavescan" postings under "Specialized Resources/Wavescan": "Amelia Earhart Flies Again: Radio Broadcasting From Remote Howland Island (Wavescan N276, June 8, 2014), and "Historic Note: The Voice of America in Australia-2" (N277, June 15, 2014).

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



The Journal of the  
North American Shortwave Association

ISSN 0160-1989

**Executive Director:** Richard D'Angelo, 2216 Burkey Dr., Wyomissing, PA 19610  
**Publisher/Business Manager:** Bill Oliver, 45 Wildflower Rd., Levittown, PA 19057  
**Executive Council:** Jerry Berg, Ralph Brandi, Richard Cuff, Rich D'Angelo, John Figliozzi, Bill Oliver

**EDITORIAL STAFF:**

**Managers:** Jerry Linbeck, P.O. Box 1220, Grantham, NH 03753-1220  
**Desktop Publishing/Graphics:** Ralph Brandi, 128 Greenook Blvd, Middletown, NJ 07748  
**Easy Listening:** Richard Cuff, 42 North 37th St. Allentown, PA 18104  
**Shortwave Center:** John Figliozzi, 45 Algonquin Rd, Clifton Park, NY 12065  
**Listening Review:** Alan Roe, 33 Athara Rd., Toddington, TW11 9PA, United Kingdom  
**Adrian Peterson's Diary:** Adrian Peterson, Box 29235, Indianapolis, IN 46229  
**NASWA Awards:** Gary Neal, P.O. Box 1, Cockeysville, MD 21030  
**Listeners Notebook:** Rich D'Angelo, 2216 Burkey Dr., Wyomissing, PA 19610  
**Pirate Radio Report:** George Zeller, 3492 W. 123rd St., Cleveland, OH 44111  
**QSL Report:** Sam Barro, 78 Blakeman Rd., Thomas-

ton, CT 06787

**Scoreboard:** Gary Neal, P.O. Box 1, Cockeysville, MD 21030

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

**Tropical Band Loggings:** Scott Barbour, Jr., P.O. Box 893, Intervale, NH 03845

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

**Distributing Editor:** Steve Handler, 113 McHenry Rd #187, Buffalo Grove, IL 60089

**MEMBERSHIP FEES:**

United States (First Class Mail) ..... \$31.00  
Canada (First Class Mail) ..... \$36.00  
Overseas (U.S. Air Mail) :  
South America and the Caribbean ..... \$52.00  
Europe, Asia and Africa ..... \$52.00

All remittances must be in U.S. funds and mailed to:

**NASWA**  
45 Wildflower Road  
Levittown, PA 19057  
U.S.A.



FIRST CLASS MAIL

First Class Mail  
U.S. Postage  
PAID  
Levittown, PA  
Permit No. 319