

# The **NASWA** Journal

VOLUME XLXII NUMBER 11

NOVEMBER 2012

ANNUAL SHORT-WAVE NUMBER

**RADIO  
NEWS  
AND  
SHORT WAVE RADIO**

SHORT  
WAVE  
TIME  
TABLE

JUNE



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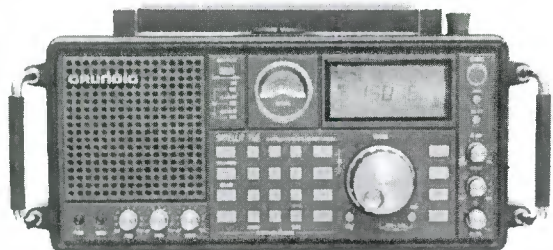
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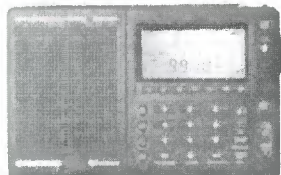


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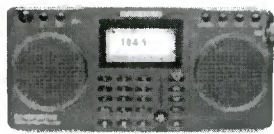
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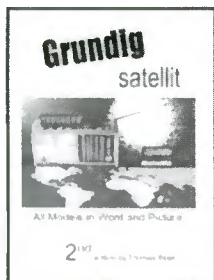


der design with dual stereo speakers. It receives AM, FM, FM stereo and continuous shortwave from 2.3 to 23 MHz. It has a large 248 channel memory system with memory scan and auto tuning storage and also keypad entry. There is even a Line Input Jack. There is also a built-in MP3/WAV recorder with 4 GB flash memory and built-in mic. So you can record off-the-air, via line input or via mic. There is a mini USB 2.0 jack. There is built-in micro-SD card port (supports up to 16 Gb). Other features include: clock time, lock and backlit LCD with tuning strength indicator. The built-in rechargeable lithium battery (1250 mAh) charges through the mini USB port. 7.5 x 3.5 x 0.8 inches 9.6 oz.  
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We start the month off with more awards information from Awards Manager **Gary Neal**. Once again **James Young** of Wrightwood, CA has qualified for some more awards. Gary has issued the following awards to Jim: African Continental DXpert, Asian Continental DXpert, the South American Continental DXpert, Master European DXer, North American Continental DXpert, Master Pacifica DXer and Antarctica DXer. Also he has earned the 100, 150 and 200 endorsements to the International DX Listener Award. As mentioned last month, Jim is currently stands at 239 countries verified out of 243 countries heard. Once again we salute Jim Young on his recent accomplishments!

Congratulations to the National Radio Club (NRC) which recently celebrated the commencement of its 80th year of operation. That is quite an achievement. If you are interested in medium wave DXing, this is the club for you. Yearly subscriptions are \$38.00 (30 issues of *DX News*) to a USA address; \$48.00 to Canada; and \$62.00 to all other countries. Send payment to the National Radio Club, P. O. Box 473251, Aurora, CO 80047-3251, USA. Payment options include check, money order, credit card via PayPal. All checks and money orders should be made payable to the National Radio Club.

The NRC has just issued its 33rd edition of the *AM Log*. It is the most comprehensive listing of AM stations in the United States and Canada based on work by NRC members and other DXers. The 33rd Edition of the *AM Log* is available for \$22.95 to NRC members (USA); \$28.95 to non-members (USA); \$32.00 to Canada and \$36.00 outside the USA/Canada from NRC Publications, P. O. Box 473251, Aurora, CO 80047-3251, USA. Payment options as above.

**Dario Monferini** of PlayDX advises that the 23rd All World Radio-TV Stickers Exchange Meeting will be held on Saturday 8 December 2012 from 10:00 AM to 1:00 PM and from 3:00 PM to 6:30 PM and again on Sunday 9 December 2012 from 10:00 AM to 1:00 PM in Colle di Val d'Elsa in the "Pro Loca" meeting room. At last year's meeting about 20,000 stickers were exchanged so plenty of activity is anticipated again this year. If planning to attend, please send a letter to **Marco Salvi**, Casella Postale 3, 53034 Colle di Val d'Elsa (SI), Italy (telephone +39 0577 043385) with your personal data and confirming your plan to participate. Marco mentions that if you are planning to attend the meeting he can provide lodging for the night between December 8th and 9th and that you should bring the maximum possible number of stickers because of the great amount of exchanges that will take place.

Finally, the World DX Club (WDXC) based in Northampton, England is closing up operations with the retirement of **Arthur and Olive Ward**. The Wards have been the backbone of this excellent DX club for many years. The WDXC roots go back into the 1960's and continued through the years by providing excellent service to its membership. In addition to the monthly print bulletin, *Contact*, the club also produced a PDF version of *Contact* which saved domestic and overseas members considerably. As North American Secretary for the WDXC, I dealt with Arthur and Olive each month for almost thirty years. I enjoyed every minute!

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). Next deadline is November 21, 2012. Thanks to all contributors.

**Doug Robertson, Oxnard, CA. [dr-tug@dslextreme.com](mailto:dr-tug@dslextreme.com).**

In the October 2012 Musings columns I inadvertently provided a dead link to the history of aircraft N numbers re Bob Fraser's prior Musings inquiry. I subsequently clicked on my years old bookmark and found the American Aviation Historical Society no longer provides articles access to non-members. A new link on N number history that does work is from our own Federal Aviation Administration website. It is:

[http://www.faa.gov/licences\\_certificates/aircraft\\_certification/aircraft\\_registry/aircraft\\_nnumber\\_history/](http://www.faa.gov/licences_certificates/aircraft_certification/aircraft_registry/aircraft_nnumber_history/)

Partial quoting: "The earliest legal requirement for the N marking is found in the first general amendments to the Air Commerce Regulations on March 22, 1927. These amendments mandated that U.S. aircraft engaged in foreign air commerce display the N at the beginning of its identification markings. Later, this requirement was extended to all U.S. aircraft, regardless of whether they operated beyond the nation's borders.

A second letter indicating the aircraft's airworthiness category followed the N and preceded the identification numbers. These airworthiness indicators were; "C" for standard, "R" for restricted, "X" for experimental, and later "L" for limited, (for example, NC1234)".

As the Amelia Earhart official world flight attempt started on June 1, 1937, these U.S. aircraft markings were then in effect. The full history of N numbers in the FAA link may be of further interest to our members as it mentions the early radio station geographic assignments of prefixes W and K, and our U.S. rights to other prefixes. (Our U.S. Navy stations had used N since November, 1909).

I should have not used the word "transceivers" in my Musing as separate transmitters and receivers were the usual at that time. Indeed, that was still so when I was a Navy Aviation Electronics Technician aircrew during the 1950-1953 Korean Conflict. The then new pressurized VHF ARC-27 was a true aircraft transceiver, but our radio gear in a VP squadron flying Lockheed P2V-5F Neptunes was still mainly of separate WWII or late 1940s vintage.

*That is all for this month. 73, Jerry.*



## **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](mailto: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.



# Easy Listening

Richard D. Cuff • 42 North 37th Street • Allentown, PA 18104 • richard@thecuffs.us

## New from the BBC

### The Why Factor

This program began in September; it's a weekly look at "...why we do the things we do...", featuring such topics as neckties and tattoos in its initial editions.

### The Fifth Floor

This program has been around longer... since the beginning of 2012, but I've just noticed it for the first time. *The Fifth Floor* is somewhat reminiscent of the *Pick of the World* series of a few years ago; *The Fifth Floor* looks at material produced across the 27 language services of the BBC World Service. Quoting from the show's webpage, "...From Russia to Rwanda and Burma to Brazil, Presenter David Amanor takes a sometimes playful look at the big issues and surprising stories that emerge in a week of global news...". The program also appears to resemble *From Our Own Correspondent* in that it features perspectives from field reporters.

Also from the webpage, "...This is an insider's view on the heart of the World Service looking at how pieces are made, and the stories that enrich and add color to our understanding of world reporting..."

## More cuts from the BBC

Alas, the news isn't all good from Bush House, er, Broadcasting House.

When the UK government made the deal to freeze the domestic License Fee in exchange for the BBC domestic funding model being applied to the World Service, WS management agreed to cut expenditures over several years.

This past week, roughly £12m of further spending cuts were announced as the Grant-In-Aid funding source dries up. Roughly £5m of this total will come from

reductions in shortwave and mediumwave distribution (nooooooo!) but the balance of the savings will come, in part, from the following programming changes:

1) The World Service English global schedule will have fewer regional variations, creating a more coherent offering which can also be promoted more effectively. Being able to link together all the programs in an hour will also make it easier to fit BBC content into partner stations' schedules, which often are programmed in hour-long blocks.

2) A new program, *The Newsroom*, will replace *World Briefing*. This new program will be live and reactive, and it will showcase the best of BBC newsgathering presence across English and WS Languages. There will be six editions of *The Newsroom* across the schedule, with *World Have Your Say* and *The Newsroom* coming together each day at 1100 and 1130 UTC, regarded as a prime spot in the BBC's schedule. I wonder if *The Newsroom* will be somewhat like the *NewsPod* podcast, which gets content from across several BBC English language sources, including Radio 4, Radio 5 Live, and the World Service.

3) Schedule changes mean fewer full hours of news output - down from about eighteen hours each weekday to about fourteen hours.

4) World Service English is also creating a smaller single management team working across distribution, channel management and scheduling. There will be a reduction in the number of specialist announcers on WS English.

5) From April 2013, the daily arts program, *The Strand*, will cease to exist, and at the same time *Outlook* will be extended to an hour long format, offering a new approach to covering Arts, Music and Humanities. A daily 10 minute section will look at the people behind the world of music, entertainment, film and the performance arts.

6) Every Friday, **The 5th Floor** (see above) will run in the **Outlook** time slot. The move of this program to a more prominent slot in the schedule is an indication of its success after less than a year on air and it is a great way of bringing the work of BBC Language Services to an English audience. **The 5th Floor** will include a 10 minute arts segment drawn from the Language services' coverage across the week.

7) Space is being made in the schedule for **The Slot**: an hour long program dedicated to arts and culture coverage across the BBC and the Language Services.

8) There will be a reduction in the number of documentaries: instead of having four weekly documentary strands, there will now be three with **Your World** ending.

9) **The Bottom Line** – which also airs on BBC Radio 4 – will no longer be reversioned for the World Service. However the program will remain on Radio 4.

There are some other changes across other languages, though it appears no additional language services will be lost.

Also, when it comes to BBC oversight, before 2014, the BBC Trust (somewhat like a Board of Directors across all BBC services) will prepare a license describing the purpose, remit, strategy and budget of the World Service in the License Fee. The Trust will consult and publish on this licence ahead of transfer to the License Fee. This licence will be the key document that will, from April 2014, govern the size, shape and character of the future World Service.

When it comes to shortwave transmitter facilities, the BBC announced that the Cyprus relay on SW is to close and English MW from Cyprus is also closing. Also, the number of hours the BBC airs on shortwave will be diminished across the remaining geographies it operates: BBC English World Service to Africa, the Middle East, and Asia is to be cut from 18 hours a day on shortwave to 7 hours a day. This will likely make it harder for us here in the USA to listen, just by the sheer reduction

in shortwave use; it's likely the best time to hear the World Service in Eastern North America will be the afternoons local time – roughly 1800 onwards.

## New Voice of Russia Schedule

Just in time for the column, here are some schedule highlights for primetime evening listening on the Voice of Russia.

**News** airs for roughly 5 minutes at the top of each hour, with **News In Brief** at the bottom of each hour. Programs shown as beginning on the hour begin after the news.

2200 **Burning Point** (M-F), **In Between** (Sat), **Religion and Society** (Sun)

2230 **Press Review**, **.RU & Russian Sports Daily** (M-F), **Religion and Society** (Sat), **Culture Room** (Sun)

2300 **Russia Business Report**, **One To One**, **Press Review** (M-F); **Red Line** (Sat & Sun)

2330 **Home from Home** (MWF); **Russian BookWorld** (TT); **Red Line** (Sat & Sun)

0000 **The VOR Treasure Store** (M); **Burning Point** (Tue-Sat); **Moscow Heartbeat** (Sun)

0030 **Moscow Heartbeat** (M); **.RU & Press Review & Travel Russia** (Tue, Thu, Sat); **.RU & This Is Russia** (Wed & Fri); **Home from Home** (Sun)

0100 **Russian BookWorld** (M & Sun); **Out & About / Travel Russia** (Tue-Fri); **Red Line** (Sat, 55 minutes)

0130 **One To One / Songs From Russia** (Mon); **One To One / Press Review / Russian Sports Daily** (Tue-Fri); **Folk Box** (Sun)

0200 **Agree or Disagree** (Mon); **Burning Point** (Tue-Sat); **Religion and Society** (Sun)

0230 **The VOR Treasure Store** (Mon & Sun); **In Between** (Tue-Sat)

0300 *From Moscow With Love* (Mon & Sun); *Music and Musicians* (Tue-Sat; 55 minutes)

0330 *Jazz Show* (Mon & Sun)

Here in Eastern North America, it's likely the 2200-0200 services should be easy to hear; 7250 kHz is used throughout. 11830 kHz is also used for 2200-2300, and 7290 kHz is used 2300-0200. From 0200 to 0400 only higher frequencies are used: 17690, 17665, 15630.

By the way, if you're in Washington, DC or the New York area, you can catch a separate **Voice of Russia** service airing on local AM frequencies; this service has several VOR-employed program hosts, and also appears to rebroadcast other news-talk programming, including the left-of-center Thom Hartmann weekday afternoon talk show; it was being rebroadcast at 0100 UTC Saturday during a recent listen.

### China Radio International program snapshot

*Heartbeat* is a weekend program on CRI that looks at changing lifestyles in China while looking at the country's cultural heritage. A recent edition featured stories on the

national college entrance examination, the Chinese literature Nobel laureate Mo Yan, a new sports training center housed at the Bird's Nest stadium built for the 2008 Olympics, and the Chinese Ethnic Culture Park. Air times include 1905 and 2205 (Fri-Sat), plus 0405 (Sat-Sun), 0905 (Sat-Sun) and 1605 (Sat-Sun), if I've sorted out the CRI web-published schedule correctly.

*People In The Know* occupies this same time slot the other days of the week. This program is billed as the only "high-end English radio interview program" in China; recent program topics included Chinese investment in the USA, Sino-Australian relations, and the plague of traffic accidents in China.

### On the Smartphone Front

*TuneIn* - the smartphone app that I have mentioned before as an excellent aggregator of Internet streaming broadcasters - has been mentioned in the same sentence as shortwave radio recently...as people muse about the variety of radio stations available.

That's it for November - be thankful for those stations that still choose to be on shortwave!

73 DE Richard



### 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.

# International Broadcasting

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<http://www.kimandrewelliott.com>

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## Job losses for BBCWS and RFE/RL broadcasters

It has been a busy news month in international broadcasting. No doubt covered elsewhere in this *Journal* is news of another round of cuts to BBC World Service. No more language services will be eliminated, but 73 jobs will be lost among the language services and English. World Briefing will be replaced by something called The Newsroom. The arts program The Strand will also go. Much of the content covered by that program will go to Outlook, increased to an hour and more and more becoming an amorphous, undefined catch-all program for World Service. (I seem to remember when World Radio Club was dropped, we were instructed to listen to Outlook, which, of course, almost never had content of interest to WRC listeners.)

In a memo to staff, BBCWS director Peter Horrocks wrote: "Every Friday, The 5th Floor will run in the Outlook time slot. The move of this programme to a more prominent slot in the schedule is an indication of its success after less than a year on air and it is a great way of bringing the work of our Language Services to an English audience. The 5th Floor will include a 10 minute arts segment drawn from the Language services' coverage across the week. We are also making space in the schedule for The Slot: an hour long programme dedicated to arts and culture coverage across the BBC and the Language Services." I assume The Slot will be weekly, in English, and, like The 5th Floor, will borrow heavily from the output and talent of the non-English BBCWS services.

More ominously, the BBC house organ *Ariel* reported that "changes to the distribution of shortwave and medium wave will be announced soon." No specifics about that as of this writing.

Peter Horrocks is, nevertheless, upbeat about the future of World Service: "Despite financial pressures, we have continued to adapt our services in response to changes in our audiences and this strategy will continue. We have already seen the successful launch of new TV programmes, Focus on Africa in English for partners and on BBC World News, and Dira Ya Dunia in Swahili, carried by partner broadcasters across sub-Saharan Africa. We plan to develop similar programmes in Hindi and Urdu and hope to be able soon to announce a successful conclusion of negotiations with our partners on this new programming. As we prepare to move to Licence Fee funding, we will be able to demonstrate that the World Service remains strong despite the funding cuts of recent years, is more efficient than ever, and remains a vital force in today's complex media world. As the new Director General [of all BBC, George Entwistle] stated in his opening address to staff, he is very supportive of the World Service, as is the BBC Chairman [Chris Patten]."

## RFE/RL Russian fires 41 journalists in Moscow

US international broadcasting also announced the elimination of jobs, but under much more mysterious circumstances. Due to a change in Russian broadcasting law, Radio Free Europe/Radio Liberty can no longer own its medium wave transmitter in Moscow. RFE/RL also claimed that it was not able to work a medium wave lease deal (presumably similar to the one Voice of Russian has in New York City and Washington DC). RFE/RL president Steven Korn said he saw this development as actually "an opportunity to improve and strengthen Radio Svoboda [RFE/RL Russian] and to accelerate our plans to move to digital platforms." He added: "Truth be told, in the world in which we live today, AM radio is a bygone era."



RFE/RL used the end of medium wave in Moscow to hire "the pre-eminent journalist, editor, author and leader" Masha Gessen as the new director of Radio Svoboda. At the same time, it fired, *en masse*, 41 journalists at its Moscow bureau. Very little information was provided about why these 41 were unfit, except a need for "people with different skill sets." About fifteen new journalists will be hired in Moscow, and anywhere from five to twenty from the Russian service laid off in Prague. All told, the RFE/RL Russian budget will remain the same, but it will have fewer employees. Mr. Korn said, "we'll be able to spend more of our budget directly on programming and new equipment."

Not surprisingly, these developments were met with an outcry in Russia and in the United States. Conspiracy theories abound. Conservative commentators are feasting on this, blaming the Obama administration's "reset" with Russia for both the elimination of the medium wave transmitter and for the firing of the 41 journalists. Funny how these conservatives are suddenly pro-labor.

### **A new satellite broadcasting war**

Western international broadcasters beaming programs into Iran had been enjoying several months without satellite jamming by Iran. That changed on October 3, when the BBC, VOA, and RFE/RL reported new satellite jamming to their Persian-language services. According to RFE/RL, "the jamming may be connected with demonstrations and mass arrests on October 3 as Iranians protested the plummeting value of Iran's rial currency."


Then on October 15, *Space News* reported, "satellite fleet operator Eutelsat ... said it has stopped carrying channels from Iran's state broadcaster following sanctions on Iran imposed by the European Union and a judgment from the French government broadcast regulator. ... 'As a French company, Eutelsat is bound to comply with instructions from the French broadcasting authority,' Eutelsat said. The 27-nation Euro-

pean Union earlier this year placed IRIB's chief executive on the list of 'sanctioned persons' after finding that IRIB violated human rights in its broadcasts." Nineteen channels from Iran were taken off Eutelsat, including the English-language Press TV.

Interestingly, Chris Forrester at *Advanced Television* reports "Luxembourg-headquartered Intelsat continues to carry Iran's TV channels, seemingly in direct violation of EU rules. ... Intelsat's director of corporate communications, Alex Horwitz, told BBC Monitoring that Intelsat's situation vis a vis Iranian broadcasts was different to that of Eutelsat. 'Intelsat adheres strictly to the US sanctions requirements with respect to the services it provides in Iran,' Horwitz said in a statement. 'Intelsat Corporation (a wholly-owned subsidiary) holds an OFAC license to provide satellite capacity and managed services to certain named customers in Iran.'"

Then, starting October 18, BBC, VOA, and Deutsche Welle reporting a new round of disruptions to its Eutelsat satellite transmissions. Deutsche Welle reported: "Western radio and television broadcasts to parts of the Middle East have apparently been cut off because of a targeted jamming attack. In addition to programming by Deutsche Welle, the BBC and Voice of America have also been affected. European satellite operator Eutelsat said earlier this week that the 'deliberate and intermittent interference' originated in Syria." In another DW report: "DW is blaming Iran for the disruption."

The ejection of the Iranian channels from Eutelsat, followed closely by interference to Western broadcasts via Eutelsat, is probably no coincidence. It's a reminder of how readily satellite broadcasts can be jammed (although Iran had to use a Syrian uplink to do so), and that it is more difficult to jam shortwave radio.

*Views expressed are my own. More at [www.kimandrewelliott.com](http://www.kimandrewelliott.com), posts to which can be "followed" at [twitter.com/kaedotcom](https://twitter.com/kaedotcom). *

# Shortwave Center

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

*Welcome to November! Apart from Rich D'Angelo's excellent and comprehensive piece on Lao National Radio, we offer Adrian Peterson's Diary. Regular readers might recall that the article on GE's shortwave installation in Schenectady, NY referred to wholesale callsign changes at the start of WWII. This month, Dr. Peterson expands on that topic. In addition, he discusses radio on little Pitcairn Island in the vast Pacific and the beginnings of the BBC World Service on shortwave.*

## DX Target: Lao National Radio

### An Exotic Asian Broadcaster

By Richard A. D'Angelo

One of the more interesting and exotic DX targets that is highly sought after by shortwave listeners is Laos. There are not many outlets from this country on shortwave and those that are broadcasting are not well heard on a regular basis. This makes Lao National Radio an exciting DX Target and a difficult station/country to verify. This DX target will focus on broadcasting in Laos with emphasis on the shortwave outlet operated by Lao National Radio.

### Background

Laos is a landlocked country located in southeastern Asia, northeast of Thailand and west of Vietnam. Its capital city is Vientiane. It shares common borders with Burma 235 kilometers ("km"), Cambodia 541 km, China 423 km, Thailand 1,754 km and Vietnam 2,130 km. The country's climate is tropical monsoon with a rainy season extending from May through November and a dry season from December through April. Its terrain is mostly rugged mountains with some plains and plateaus. Most of the country is mountainous and thickly forested with the Mekong River forming a large part of the western boundary with Thailand.

The population of about 6.5 million is ethnically divided as Lao Loum (lowland) 68%, Lao Theung (upland) 22%, Lao Soung (highland) including the Hmong and the Yao 9%, ethnic Vietnamese/Chinese 1%. Religious affiliations are about 65% Buddhist, about

33% animist, and about 2% Christian. The official language is Lao, although French, English, and various ethnic languages are also spoken.

Modern-day Laos has its roots in the ancient Lao kingdom of Lan Xang, established in the 14th century. For three hundred years Lan Xang had influence reaching into present-day Cambodia and Thailand, as well as over all of what is now Laos. After centuries of gradual decline, Laos came under the domination of Siam, now known as Thailand, from the late 18th century until the late 19th century when it became part of French Indochina. The Franco-Siamese Treaty of 1907 defined the current Lao border with Thailand. Laos achieved independence from France on 19 July 1949. In 1975, the Communist Pathet Lao took control of the government ending a six-century-old monarchy and instituting a strict socialist regime closely aligned to Vietnam. A gradual return to private enterprise and the liberalization of foreign investment laws began in 1986.

Laos became a member of the Association of Southeast Asian Nations ("ASEAN") in 1997, which was established in 1967 in Bangkok by Indonesia, Malaysia, Philippines, Singapore, and Thailand. Brunei Darussalam joined in 1984, Vietnam in 1995, Laos and Myanmar in 1997, and Cambodia in 1999. The ASEAN region has a population of about 500 million people, a total area of 4.5 million square kilometers, a combined gross domestic product ("GDP") of almost US\$700 billion, and total trade of about US\$850 billion. The ASEAN Declaration states that the

aims and purposes of the Association are: to accelerate economic growth, social progress and cultural development in the region and to promote regional peace and stability through abiding respect for justice and the rule of law in the relationship among countries in the region and adherence to the principles of the United Nations Charter.

## Economy

The government of Laos, which is one of the few remaining official Communist states, began decentralizing control and encouraged private enterprise in 1986. The results, starting from an extremely low base, were impressive with growth averaging 6% per year in 1988-2007, except during the short-lived drop caused by the Asian financial crisis in 1997. Despite this high growth rate, Laos remains a country with a primitive infrastructure. It has no railroads, an undeveloped road system, and limited external and internal telecommunications. Even though access to electricity across the nation has tripled in the past 10 years, it is available in only a few urban areas. Subsistence agriculture, dominated by rice, accounts for about half of GDP and provides 80% of total employment. The economy will continue to benefit from aid by the International Monetary Fund and from new foreign investment in hydropower and mining. Construction will be another strong economic driver, especially as hydroelectric dam and road projects develop. Several policy changes since 2004 may help spur growth. In late 2004, Laos gained Normal Trade Relations status with the United States, allowing Laos-based producers to benefit from lower tariffs on exports. Laos is taking steps required to join the World Trade Organization, such as reforming import licensing. Related trade policy reforms will improve the business environment.

Major agricultural products include sweet potatoes, vegetables, corn, coffee, sugarcane, tobacco, cotton, tea, peanuts, rice, water buffalo, pigs, cattle, and poultry. Major industries include copper, tin, and gypsum mining, timber, electric power,

agricultural processing, construction, garments, tourism, and cement.

In the last few years, Laos has experienced strong economic growth of about 7% per year. The number of poor households fell from 46% of the total in 1992/93 to approximately 33% in 2002/03. Recent World Bank statistics indicate the number of poor households dropped to 31 percent in 2005. Despite the many challenges ahead, the country is fighting poverty, addressing social inequalities and building a stronger capacity to manage its rich natural resources, with a vision to reach middle-income country status by 2020.

## Lao National Radio

The station was initially launched in 1960 in the resistance zone of the North Eastern Laos as a clandestine voice of the opposition. In 1975, Lao National Radio ("LNR") became the national broadcaster, taking over the studios of the former Royal Lao Radio Station in Vientiane. Between 1983 and 1993 it was administered jointly with Lao National Television, however, since 1993 it has operated as a separate broadcasting entity. Today LNR broadcasts on 567 kHz medium wave, on 6,130 kHz with the National Service and 7,145 kHz shortwave (apparently inactive at the moment) with the International Service and on two FM channels, 97.25 MHz and 103.7 MHz. Both shortwave outlets are from Vientiane. A regional outlet on 4,412 kHz from Sam Neua, Houa Phan Province appears from time-to-time with the Provincial Service.

LNR broadcasts its programs at the same time on medium wave and shortwave. The programs are focused on news with special programs for farmers, youth and women. The FM outlets carry a mixture of news, entertainment and special programs and take advertising revenues. Medium wave and FM broadcasting have been relayed around the country by satellite in recent years. Lao National Radio programs make up a large part of the daily programming schedules of the provincial radio stations.

Certain larger, richer provinces such as Luang Prabang and Savannakhet produce more of their own programs, while poorer provinces broadcast more LNR and less locally produced features. In June 2003, Lao National Radio began broadcasting 15-minute Lao-language news bulletins on its Internet website with English and Hmong language news broadcasts added in 2004.

Mr. Bounthan Inthaxay is the Director General of Lao National Radio. Born in Xiengkhouang province on 11 December 1942, he was educated in electricity and speaks Russian as a second language. He is in charge of an organization that has 152 people, five transmitters of which two are for shortwave broadcasting. The station claims to receive about 20,000 letters each year

Regional broadcasting activity is quite diversified with each province offering its own programs in addition to the programs of LNR. The three largest are Vientiane Capital Radio and Television, the Luang Prabang Provisional Radio Station and the Savannakhet Provincial Radio Station.

### **Vientiane Capital Radio and Television Station**

From a small studio, Vientiane Capital Radio and Television Station was launched in November 1980 as a local radio station, broadcasting initially on medium wave with only a 300 watt surplus transmitter. In 1987 the transmitter was upgraded to a Chinese model of 1,000 watts donated by Lao National Radio. Along the way, two other second-hand transmitters have been donated by Lao National Radio - a 50 KW transmitter which broke down and could not be repaired due to lack of spare parts, and most recently a 10 KW transmitter that is still in operation. In 2002, FM broadcasting was introduced in the capital. Vientiane Capital Radio and Television Station broadcasts on FM for 18 hours each day on 105.5 MHz. On medium wave it operates for 10 hours each day on 640 KHz. Radio programming aims to inform, educate and entertain listeners living in the capital city with a mix of news, government policy

announcements, public service broadcasts on community issues such as health, cleanliness, security, music request shows, and phone-in programs. The medium wave and FM outlets take advertising to help finance their operation. Television broadcasting began in 1993 with only one hour (30 minutes in the morning and 30 minutes in the evening) every Thursday. Although the Vientiane Capital Radio and Television Station does not operate a provincial shortwave station, the external service maintains its shortwave transmitter here.

### **Luang Prabang Provincial Radio Station**

Luang Prabang Provincial Radio Station was established in 1969 under the Colombo Plan for Co-operative Economic Development in Asia and the Pacific. This plan also upgraded the Vientiane headquarters of the former Royal Lao Radio and funded the construction of provincial radio stations in Champasak and Savannakhet Provinces. Initially, the Luang Prabang Provincial Radio Station broadcast only on medium wave with a 2.5 KW transmitter. Recently the station acquired a 10 KW medium wave transmitter from the United States and a 300 Watt TQT transmitter donated by Spain. Luang Prabang Provincial Radio Station broadcasts across the entire province on 705 KHz medium wave and 103.5 MHz FM. It currently broadcasts for 14.5 hours a day with news, current affairs, and magazine features and music programs. The station opens at 0500 local time and closes at 2200 local time. The broadcast day includes four hours daily in ethnic minority language programming in Hmong and Khmu (2 hours each) and 1.5 hours of news relayed from Lao National Radio in Vientiane with most programs broadcast live. The station has a staff of thirty, including nine women. The station does not operate on the shortwave bands.

### **Savannakhet Provincial Radio Station**

The Savannakhet Provincial Radio Station is jointly owned and operated by the Savannakhet Provincial Service of Information and

Culture and Lao National Radio. Similar to the Luang Prabang Provincial Radio Station, the Savannakhet Provincial Radio Station was originally established in 1971 under the Colombo Plan for Co-operative Economic Development in Asia and the Pacific. On medium wave the station transmits on 585 kHz using a 20 KW Turbo transmitter donated by the United States. On FM, Savannakhet Provincial Radio Station operates on 100.75 MHz using a 1 KW TSD transmitter donated by China. The station does not operate on the shortwave bands.

## LNR – External Services

Lao National Radio is best heard in North America during the winter months in the early morning hours on 6,130 kHz with the National Service from Vientiane with haunting musical melodies, instrumental sounds and talks in the Laotian language. The run up prior to the news at 1200 UTC is spectacular with seven loud gongs signifying 7:00 PM in the capital city. On days when the station carrier is buried in the mud, the distinctive seven gongs manages to make it through the ether saving the moment! DX'ing doesn't get any more rewarding than those seven spectacular gongs at 1200 UTC. The only thing that comes close is the beautiful Song of the Coconut Islands used by Radio Republik Indonesia stations prior to network news at the top of the hour. The station broadcasts from 0900 to 1600 UTC and from 2200 to 0800 UTC in Lao, Hmong, Khmer, French and English.

The International Service on 7,145 kHz is occasionally reported but it is not heard on a regular basis as the 49 meter band National Service channel. The International Service appears to be currently inactive on the shortwave bands. The 10 kilowatt transmitter is not in the best condition. English is listed from 1330 to 1400 UTC and from 0600 to 0630 UTC. Other languages include French, Khmer, Thai and Vietnamese. Nominal broadcast hours for French is from 0530 to 0600 UTC and from 1300 to 1330 UTC. Khmer is scheduled from 0000 to 0030 UTC and 1230 to 1200 UTC. Thai can be heard

from 1130 to 1200 UTC. Finally, Vietnamese is listed as being broadcast from 1200 to 1230 UTC and from 2330 to Midnight UTC. The Department of Transmitter of Lao National Radio (LNR) is responsible for all technical matters relating to radio transmitters.

The transmitter for the National Service on 6,130 kHz is a Continental E714 unit manufactured in the United States that was installed in 1996. The transmitter used for the International Service on 7,145 kHz is a JRC unit manufactured in Japan that was installed in 2001. The 6,130 kHz unit is a 50 Kilowatt ("KW") entity while the 7,145 kHz transmitter is only 10 KW.

Besides my own observations about periodic usage of 6,130 kHz, several shortwave DX'ers from around the globe noted hearing LNR on 6,130 kHz several times with their long standing, ear popping, seven gongs at 1200 UTC. Although I have been unable to hear Lao National Radio via Sam Neua on 4,412.56v kHz, a handful reports back in 2010 were noted. However, nothing recent has been observed on the shortwave bands. Finally, the LNR external service on 7,145 kHz was observed daily in September 2010 after their reactivation. Apparently, it was a short lived reactivation and no hint of them in over two years.

However, observations of LNR on 6,130 kHz during the DX season at 1200 UTC with their usual indigenous theme music were made with the distinctive sounds of the seven gongs at the top of the hour. Overall then the current situation with Laos is that the 6,130 kHz outlet of Lao National Radio can be heard on the west coast during the 1200 to 1430 UTC time period and on the east coast during the 1130 to 1230 UTC time period. That makes this frequency worth monitoring and for DXers to keep his/her ears open for the favorable propagation and reception conditions while also watching other known Lao outlets for the next time a possible reactivation occurs.

The Department of Foreign Language Broadcasting of Lao National Radio is responsible for the production of radio programs in the

English and French languages. The Department of News and Current Affairs of LNR is responsible for all news and current affairs programming. The Department of Ethnic Minority Language Broadcasting of LNR is responsible for the production of radio programs in ethnic minority languages such as Hmong and Khmu. Finally, the Department of Transmitter of Lao National Radio is responsible for all technical matters relating to radio transmitters. As you can readily see, Lao National Radio is filled with countless departments, organizations and bureaucracies that are responsible for a myriad of matters.

Established in 2004, the Department of Internet Radio of LNR is responsible for Lao National Radio's website <<http://www.lnr.org.la>> and the updating of the 15-minute news broadcasts in Lao, English and Hmong languages that can be listened to at the site. The Director is Inpanh Satchaphansy, pictured to the left, who was previously the Head of External Relations and the last known verification signer at the station. Inpanh was born in Vientiane 8 August 1951 and speaks English as a second language. Recently, I have seen that he is now the Foreign Language Director and once again responding to QSL requests. More about this evolving situation a little later. Unfortunately, the website has been compromised and has become unreliable during 2012 so be very careful if venturing to their website.

## How to Obtain QSL Verifications

Obtaining a QSL verification card or letter from Lao National Radio will not be an easy mission. This station is a challenging target to hear and to verify. DXers should not be overly optimistic about obtaining a response since few have been seen in recent years. Nevertheless, periodically, a verification of Lao National Radio does turn up so why not think that your report will be the next one the station magically responds to?

A few years ago, I received an electronic reply from Inpanh Satchaphansy who was the Head of External Relations at Lao National Radio in 2006. Unfortunately, as previously noted, Inpanh was moved over to be the Director of Internet Radio for LNR making dealing with the external service an unknown for a few years. Consequently, I do not recall seeing any responses in the prior to 2012 as a direct reflection in the change of positions at the station. However, recently I saw that he became the Foreign Language Director and began responding by e-mail to QSL requests promising a QSL response by postal mail too.

Nevertheless reception reports can be sent to the station with return postage in either US dollars or International Reply Coupons. The station supplies the following e-mail address for electronic correspondence: [laon-radio@lnr.org.la](mailto:laon-radio@lnr.org.la) or [laonatradio@lnr.org.la](mailto:laonatradio@lnr.org.la). As previously noted, there have been some replies to e-mail reception reports sent to the station while Inpanh Satchaphansy was the Head of External Relations. Perhaps Inpanh would issue LNR e-verifications as a courtesy to listeners. You might want to try reaching the Director of Internet Radio at <[inpanhs@hotmail.com](mailto:inpanhs@hotmail.com)>. There have been occasional replies to old fashion postal reports over the years. English or French language reception reports can be sent to the station at:

Lao National Radio  
Phaynam Road  
P. O. Box 310  
Vientiane  
Laos

As always, remember to send in those Lao National Radio logs to electronic *Flashsheet* editor Mark Taylor and to Scott Barbour and/or Steve Handler for the *Log Report*. Of course, QSL verifications should be sent to Sam Barto for inclusion in the *QSL Report* column. Good luck with this DX Target.

# Pitcairn Island on the Air!

## Adrian Peterson's Diary

Back 3 years ago, a series of topics was broadcast in the program "Wavescan" on the story of wireless and radio on lonely Pitcairn Island, way out there in the wide areas of the South Pacific. That series of topics covered the entire spectrum of wireless and radio events on the island, beginning with the first attempt at the usage of wireless in 1921, and ending with the dismantling of the government wireless station in 1994.

Interestingly, 11 years later, that is during the year 2005, the government made an assessment study of the needs on Pitcairn and they recommended that a radio station should be installed on the island. And that is exactly what has happened. In fact, these days, the small population of residents on Pitcairn, numbering around 50, can tune in to three broadcasting stations, 2 radio and 1 TV.

Just one year after the government recommended that a radio station should be installed on the island, the 1st new radio broadcasting station was inaugurated. In August 2006, this new, and we should say, very small radio broadcasting station was launched, with just a 1/2 watt power output on 100.4 MHz FM.

Programming for the new Pitcairn Radio consisted mainly of C&W, Country & Western, recorded music, with Christian music during the hours of Saturday. The station was on the air full time, 24 hours a day.

However, on Pitcairn, they quickly realized that many of their FM receivers automatically defaulted and retuned to 87.5 MHz when the power went off. Consequently, the transmission frequency of their new radio station was adjusted accordingly to 87.5 MHz, so that when power came on again, the radio receivers would already be adjusted to that FM channel.

The power of the transmitter has been increased to 2.5 watts, and the station is now on the air only when the island power generator is running, that is for about 10

hours daily. This neat little radio station is operated by local resident, Paul Warren.

Five years after the first little FM station was inaugurated, 2 more broadcasting stations were installed; one TV and another FM.

On August 1 last year, Pitcairn TV took to the air, with 3.5 watts on the UHF channel 29. Programming for this broadcast outlet is provided via satellite from the Hope TV building, which is adjacent to the world headquarters of the Adventist church on the edge of suburban Washington DC. The TV signal from the Hope Channel is provided by the satellite NSS9, and the downlink relay in English via Pitcairn TV is on the air daily from 8:30 am till 10:00 pm.

The programming source, Hope TV from Silver Spring, Maryland is on the air worldwide with a dozen different program channels in many European & Asian languages.

At the same time as the new TV station was inaugurated last year, an additional FM station was launched also. This new relay station carries the programming from Life Talk Radio in California and it is downlinked from the same satellite that delivers the TV programming. Life Talk Radio on Pitcairn is found at 107.0 MHz FM, and the transmitter power is just 1 watt.

Life Talk Radio, from its studios in Simi Valley California, is on the air via more than 100 downlink relay stations throughout the United States and the Caribbean, as well as in several countries of the Pacific & in England. Life Talk programming is made up of educational & health topics, as well as easy listening Christian music and Gospel messages.

We are indebted to David Ricquish, with Radio Heritage in Wellington, New Zealand for all of the information on the 3 new radio & TV stations on Pitcairn Island. As David stated in the information he provided to Wavescan, the man who was responsible for establishing these 3 fascinating little

radio & TV stations on Pitcairn Island was fellow New Zealander, Pastor Ray Codling. For a period of 6 years, Pastor Codling served as a missionary to the small population on Pitcairn Island, though his term of service ended quite recently.

Now, as far as QSLs from the new radio & TV stations on Pitcairn are concerned, we would suggest that you would need to hear the stations first. Now, the only place you would be able to hear the stations is either on the island itself, or else on a ship that is passing nearby. If you have a few thousand

dollars of spare money, that would help to get you into the area!

However, it would be so nice if the programming from one or all of these 3 stations was relayed on shortwave as a special event by one of the already established amateur stations on the island. Way back 1/2 a century ago, that really did happen when amateur station VR6AC ran a few programs on shortwave. That took place way back in 1966, but these days it would be necessary to obtain a special license for a special event radio broadcasting station on Pitcairn.

## The Shuffle of American Shortwave Callsigns in 1939

The first weekend in the month of September 1939 was a tragically pivotal date for the entire human race upon planet Earth. During the 1920s and 1930s, Germany had staged a remarkable recovery from its disastrous defeat at the end of World War 1, and during the era of those double decades, several more of the scattered German speaking territories in Central Europe had been absorbed into the one Germanic nation, the Deutsches Reich, if you please.

German army personnel near the border area with Poland staged a radio ruse on Thursday, August 31, 1939 as a pretext for the invasion of Poland. The German radio broadcasting station located at Gleiwitz in Silesia was attacked and taken over, and this was followed by a brief broadcast in the Polish language. The transmission tower at this location was listed as the tallest wooden tower in Europe.

As a result of this incident, the entire German might poured into Polish territory. England and France declared war against Germany a few days later, and thus began the massive burst into open warfare now designated as World War 2.

During the years 1938 and 1939, it became increasingly obvious to political watchers everywhere that a coming conflict was unavoidable and several nations made

some form of preparation for this ultimate eventuality. As in World War 1, the United States was drawn into the dreadful conflict of World War 2.

Beginning in the mid 1920s and through the 1930s, international radio broadcasting was developed in the United States, as well as in many other countries around the world. Many of these shortwave stations began their career on an experimental basis, and they then developed into regular radio broadcasting organizations.

Back on May 23, 1939, the FCC required that all experimental shortwave stations in the United States should adopt regularized callsigns, effective a little more than three months later, on September 1, 1939. Strangely, this date happened to coincide with that same crisis weekend that saw the rise of militaristic events in continental Europe.

Now at that time, there were 15 shortwave transmitters in the United States on the air with radio programming and these were operated by 8 different radio broadcasting organizations. Twelve of these shortwave transmitters were located close to the Atlantic coast, two were located in the Midwest, and just one on the West coast. Twelve of these transmitters were rated at moderate power, two with low power, and only one at the higher power of 100 kW.



All 15 of these shortwave transmitters were licensed under experimental callsigns, beginning with a W, followed by a number and then the letter X. According to the FCC mandate, each of these transmitters needed a new callsign, a regular four letter callsign, beginning with either W or K, depending on its location.

Even though the required date for the change was set at September 1, 1939, some stations made the change early, and some made the change late, though apparently some made the change on the right date according to the mandate. Interestingly, six of these transmitters were each given a new callsign at that time, and then a few days later another change took place and new callsigns were allotted.

The new callsign for the new 100 kW transmitter operated by General Electric at South Schenectady in New York state was initially WGEU, though a week later that was changed to WGEO. However, the two other shortwave transmitters at the same location, the 25 kW W2XAD and the 40 kW W2XAF, retained their initially allocated callsigns WGEA and WGEO.

The CBS station located at Philadelphia in Pennsylvania, W3XAU, was initially allocated the callsign WCAI, though this was changed to WCAB a few days later. However, their sister station, W2XE at Wayne, New Jersey retained its 1st new call, WCBX.

Then too, the Crosley station near Cincinnati, W8XAL, became WLWU, and a few days later this call was changed to WLWO, standing for WLW Overseas. The Florida station in Miami, W4XB, became WBKM at first, and this was soon changed to WDJM.

The twin shortwave transmitters operated by the Worldwide Broadcasting Foundation in Massachusetts, W1XAL in Boston and W1XAR in Scituate, initially became WSLA and WSLR, though two weeks later their next and permanent set of call letters became the more familiar WRUL and WRUW.

The twin RCA-NBC shortwave transmitters at Bound Brook, New Jersey with similar calls, W3XAL and W3XL became WRCA and WNBI.

The two Westinghouse stations with similar calls, the 40 kW W8XX in Pittsburgh, Pennsylvania and the 10 kW W1XK near Boston, Massachusetts became WPIT and WBOS.

The only West Coast shortwave station, W6XBE, which was inaugurated on Treasure Island in San Francisco Bay during the Golden Gate International Exposition early the same year 1939, adopted the callsign KGEI, which identified General Electric International.

The final call change referred to in our program today was for the quite low powered 1/2 kW W9XAA in Chicago, Illinois. This station was owned and operated by the Federation of Labor, though by the time of the callsign changes that the FCC required on September 1, 1939, the station was thought to be off the air. A new call was allocated to W9XAA, WCBI, but perhaps that call was never implemented on air, due to the fact that the transmitter was never again energized.

All of these things happened way back just 73 years ago.

## 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.



# Listener's Notebook

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

Times are UTC and frequencies in kHz.

**AUSTRALIA ABC Radio National** has announced plans to cut a number of programs from its 2013 schedule in an attempt to rein in its budget. A draft schedule emailed to staff on Tuesday afternoon shows network management intend to axe radio play program Airplay, along with book reading programs The Book Reading and Sunday Story. "We understand that this is a break with a very long-standing tradition, and will directly affect a number of staff," Radio National manager Michael Mason wrote in the email to staff. "In the context of the broader RN offer, maintaining an innovative and creative output for our audience, and considering financial constraints, we believe that the time has come to move away from this output. "Radio plays and book readings have, for many years, faced declining audience numbers, while remaining an expensive activity for the network." The email did not detail the total number of employees who face losing their jobs under the proposals but mentioned "potential redundancies" in some areas. (ABC Online via Wayne Bastow-Australia/ARDXC)

**AUSTRIA** Winter B-2012 *Trans World Radio* schedule from 100 KW Moosbrunn transmitter:

7225 0645-0700 Monday-Friday Polish  
7400 0800-0850 Daily English  
9495 1500-1530 Tuesday-Sunday Russian  
9495 1500-1530 Monday Belorussian  
(Bernhard Schraut-Austria, TWR-Europe)

**BANGLADESH Radio Bangladesh (Betar)** decided to modernize the existing broadcasting station at Kabirpur, 40 km north of Dhaka. Phase 1: one new 250 kW shortwave transmitter which was commissioned mid-July. Phase 2: one RCA 2/2/0.5. Phase 3: the second 250 kW shortwave transmitter will be replaced. Phase 4: one new RCA 4/4/1. Phase 2 will be completed around November 2012. Phase 3 and 4 will be tendered in 2013. (Moritz Steinmann/Thomson Broadcast AG Presentation at HFCC Conference Paris)

15105, *Bangladesh Betar*, 1226 OC, then tone start. 1228:15 IS start. 5+1 time ticks, then M w/short opening anmt, usual pleasant subcont. mx, then nice ID w/freq/beam "Hello there. This is the

External Service of Bangladesh Betar broadcasting ?? shortwave...", and pgm rundown. 1231 subcont. mx bridge, then W w/nx starting w/ID. Under modulated and a bit of hum in the signal. A little slop QRM from 15115. 5 Oct. (Dave Valko-PA)

**BOLIVIA** 4699.95, *R. San Miguel* OC on at 0855:56. S/on ID w/SW freq by M in roomy effect at 0902:52. 0902-0905 opening morning prayer by M anncr ending w/"Amen", into soft LA song w/melody similar to "The Day Before You Came" by Abba!! Pretty nice signal at this time. 0909 usual morning M DJ w/slurred ID near beginning and another M also in the studio and some laughing. 10 Oct. (Dave Valko-PA)

**BRAZIL** The Digital Radio Mondiale Consortium and Brazilian specialists will celebrate the launch of the Brazilian DRM Multi-Sector Platform on October 1st in Sao Paulo, Brazil. Following from the increased interest and presence of the DRM Consortium in Brazil, the event and workshop launching this Platform will give a chance to all interested parties and stakeholders, including the listeners, to understand how DRM can meet all the needs of the vibrant, fast developing radio sector and industry in Brazil. While the choice of the digital audio broadcasting standard is still under scrutiny and discussion in Brazil, the new Platform will be able to promote the only all-band, open, global standard, DRM, as the best solution and the basis of the Brazilian broadcasting standard. The Brazilian DRM Platform unites researchers, broadcasters, manufacturers as well as other public or private organisations. Their aim is to promote DRM in Brazil and explain how this efficient standard, "without any secrets", can best give access to content that is relevant to as many Brazilian listeners as possible, wherever they are and whenever they want it. Digital Radio Mondiale™ (DRM) is the universal, openly standardised digital broadcasting system for all broadcasting frequencies below and above 30 MHz, including LW, MW, SW, band I, II (FM band) and band III. (Charlotte Cabrero, DRM Project Office-England)

5970, *Radio Itatiaia*, Belo Horizonte, 2050-2110, 20-10, male, Portuguese, soccer. 22232. (Méndez/EDXP) Also listened 0529-0650, 21-10, male, female, comments, Brazilian songs, identification: "3 horas e 38 minutos na Itatiaia", male, at 0630: "4 horas

31 minutos, Itatiaia", "Itatiaia". Advertisements. 24322. (Méndez/EDXP)

6010, **Radio Inconfidência**, Belo Horizonte, 2106-2118, 20-10, male, Portuguese, comments: "Boa noite na Radio Inconfidência", soccer comments about Palmeiras and Cruzeiro teams. Parallel with 15190. 14321. (Méndez/EDXP)

6070, **Radio Capital**, Rio de Janeiro, 2110-2118, 20-10, male, Portuguese, religious comments. Relaying Super Radio Deus e Amor program, parallel with 11765 but with a few seconds signal delay. 14321. (Méndez/EDXP)

6120, **Super Radio Deus e Amor**, Sao Paulo, 0500-0529, 21-10, identification at 0502: "Super Radio Deus e Amor, onda media, 1210 kHz, ondas curtas, 25 metros, 11765 kHz, 31 metros, 9565 kHz, 49 metros, 6060 kHz, en internet www.superradio-deuseamor.com.br"; male, "3 y 3". Parallel with 11765 and 9565. 12321. (Méndez/EDXP)

9695.3 **R. Rio Mar** 1018 ad block at t/in. Ments of Manaus. Cont. of nx pgm w/M and W hosts. 1022:50 usual very short singing ID jingle to start ad block. 5 time ticks and TC by M at 1030. 1030:20 nice clear full ID w/all freqs followed by jingle. Fortunately Japan had gone off and it was in the clear. 1031:15 EG slogan in ad ("... ?? gets you"). Another ID/promo at 1032. Still fair w/soft ZY Pops at 1047. QRM from R. Japan 9695 which was //9625. Both Japan and Rio Mar about equal. 6 Oct. (Dave Valko-PA)

9819.41, **Radio 9 de Julho**, 982, letter-QSL+ (abundant religious promotional material of the station (key rings, hair clips, magnets for the fridge), 29 days, v/s: José Renato Ferreira (Director), address: Rua Manuel de Arzao, 85 CEP 02730-030, Sao Paulo SP. Send 1\$ help zip. (Álvaro López Osuna (Granada, Spain) Club DX S500/PLayDX ) 9820, Radio 9 de Julho, Sao Paulo, 0602-0623, 20-10, religious, comments, male, Portuguese, "Com a Mae Aparecida". 24322. Also listened 2033-2048, 20-10, female, comments, identification: "Radio 9 de Julho". 33433. (Méndez/EDXP) Also 0734-0810, 21-10, Brazilian songs, identification by male: "9 de Julho", romantic Latin American songs, "Radio 9 de Julho". 24322. (Méndez/EDXP)

**CLANDESTINE** 9930, **Que Me R.** via Palau, 1201 just missed s/on w/opening anmt by W in VT giving website www.que.me.net and ment of "short-wave" and "kilohertz". Brief instru. VT mx, then

another short anmt by diff. W w/ment of Internet. 1202 more instru. VT mx, then into long tlk by W in VT w/many many ments of Vietnam. 1229 choral anthem-like song cut off at 1230 ending xmsn. 28 Sept. (Dave Valko-PA)

From October 1 **Voice Of South Sudan Revolutionary Radio** ceased its shortwave broadcasts 0500-0800 on 15725 & 1200-1500 on 11650, both from DB. Instead of it, on October 2, 0500-0600 on 15725 and 1400-1500 on 11650, a new program with African music and several times announcements in Arabic: "Saut Afrikya min Idaa-tu Sudanya" and in French: "La Voix du Soudan, Radio National du Soudan" was being broadcasted. There were announcement in third language too, probably in Somali/Swahili. Please check in a next few days!! (Ivo Ivanov-Bulgaria/DX RE Mix News via Dan Ferguson-SC)

EDC **Sudan Radio Service Darfur** Program in Arabic will be continued:

0400-0500 on 11800 DHA

1600-1700 on 15500 WOF

(Ivo Ivanov-Bulgaria/DX RE Mix News via Dan Ferguson-SC)

**Radio Biafra London** via Media Broadcast Wertachtal, 11870, sent a full detailed E-letter in 1 day for e-report to contact@radiobiafralondon.com. (Artur Fernández-Spain/HCDX via WDXC) Broadcasts are Thursdays and Saturdays. (Mike Barraclough/WDXC)

Winter B-12 from Oct.28: 0300-0600 on 9940 SOF **Radio Miraya** English/Arabic (Ivo Ivanov-Bulgaria/DX RE Mix News via Dan Ferguson-SC)

**COLOMBIA** 14950.7, **R Salem Stereo**, Rio Blanco, Tolima, 2150, Sep 21, tentative music, weak modulation, 11222. (Giroletti/DX Window) After several attempts I finally heard an identification from Salem Stereo at 2200 August 26 as "Salem Stereo Onda Corta" followed by two or three words I didn't catch. They were on 14950.6, SINPO 24322. Programme was mainly songs, station is being heard regularly here but is never very strong, best time seems around 2200. (Arthur Miller-England/WDXC)

**ECUADOR** 4781.66, **Radio Oriental**, Tena, noting this one several times recently, most recently this morning 10/1 at 1100 shortly after sign-on (not there at earlier check), caught with YL live SS anmts in progress, canned ads and then some

regional news briefs around 1104 with mtns of Costa Rica, Colombia and Honduras. Tentative ID at 1106 sounded like a quick "Radio Oriental" f/ by ad with musica Ecuadorian in background. Rather mushy modulation, fades in and out, and sig lost by 1108. (Perry-IL) 4781.70, Radio Oriental, Tena, now a daily visitor. Hrd 10/8 with broadcast already in progress at 1058 tune-in. Usually a nice signal but goes downhill fast. YL ancr most mornings, this day mentioning "la musica Ecuadorian" at 1059. At 1104 seemed an ad for a long-haul bus company. At 1105, news program including brief clip of a politician addressing a crowd. Usually deteriorates quickly and almost unusable by 1110, due local daybreak in Ecuador. Also heard 10/10 following the usual pattern - abruptly 'on' at 1057, only a fair signal atop rushing noise, with mx Ecuadorian and then low-toned YL in SS. Into the usual morning nx show with her mentioning "...en la provincial de ...." and then playing fragments of a taped speech. Poorer quality this day, than usual. Interesting to observe how this HC station can still be heard at 1100+ (often initially pretty strong) while other Andes 60 meter benchmark stations, further to the east, are already faded away - Tarma 4775 for instance, booming only 20 minutes earlier, is almost completely faded out by 1100, most mornings lately. Propagation patterns let you almost 'see' the darkness/daylight terminator moving west across the SA continent, with Peru already in broad daylight and Ecuador's day still dawning. (Perry-IL)

**EGYPT** 6270, *Radio El Cairo*, e-QSL and after QSL card for mail registered, f/d, 115 days, v/s: Mrs. Samia Abdel Haidi (Director of wave propagatino departament), freqmeg@yahoo.com. (Álvaro López Osuna (Granada, Spain) Club DX S500/PlayDX)

**ETHIOPIA** 6090, *Amhara State Regional Radio* - Amhara Mass Media Agency - Bahir Dar - Ethiopia con testo allegato da chalet23@yahoo.com in 50 giorni. v/s Chalacew Achamyeh Head of Amhara Radio Station. Si 1 IRC. (Roberto Pavanello-Italy/PlayDX)

**FRANCE** There was a talk by John Maguire, Director of International Development for Audiovisuel Extérieur de la France, the French government organism that manages *Radio France International*, France 24 TV and Radio Monte Carlo International (an Arabic-language station) and owns 49% of TV5 Monde. Maguire's talk was about how AEF is meeting strategic goals. He said AEF's three subsidiaries have merged structurally, but

not editorially. Radio France International has cut back on shortwave in recent years, but Maguire said there are certain areas where shortwave will be maintained for political reasons, such as China (even with jamming) and Hausa to West Africa, where shortwave is the only way for many people to listen. They are developing a Farsi service for Iran, but overall they have cut languages from 13 to six in recent years. RFI is broadcasting, for example, French-language programs on shortwave from the TDF site in Issoudun, France to West Africa. They are also using Sentech to cover parts of Africa on shortwave. But Maguire points out that in the last 10 years, RFI has cut shortwave transmissions from 200 hours per day to 70 hours per day. (HFCC/ASBU B12 Paris Report by Jeff White/NASB)

**R. Algerienne** in Arabic HQ see again on shortwave from Issidoun beginning Oct.1:

0400-0500 on 7295 to CEAF  
0500-0600 on 7295 to NWAF  
0500-0600 on 9535 to CEAF  
0600-0700 on 9535 to NWAF  
1800-1900 on 13820 to CEAF  
1900-2000 on 11775 to NWAF  
1900-2000 on 13820 to CEAF  
2000-2100 on 9375 to CEAF  
2000-2100 on 11775 to NWAF  
2100-2200 on 7495 to NWAF  
2100-2200 on 9375 to CEAF  
(Ivo Ivanov-Bulgaria/DX RE Mix News via Dan Ferguson-SC)

**GERMANY** Michael Pütz of Media Broadcast GmbH, Cologne, informed me that they do not send cards by mail any more, however reception reports are verified by eQSLs. It seems that only Michael Pütz and Walter Brodowsky are doing the whole job there nowadays. (Günter Jacob-Germany/NZ DX Times)

Dear friends of free shortwave radio, we have some bad news. Our output amp was again returned to the manufacturer, and is adjusted to the control transmitter, which has arrived meanwhile. Up to now, we have no appointed date when the transmitter and amp will be returned. Our plans remain the same, but the launch date of the new station cannot be kept. Also, we will not define a new launch date before transmitter and amp have passed some tests with maximum power. Sorry, but postponed is not cancelled. Presently we are on air with the old control transmitter 75 watts. The new station will be *Radio 6150* or maybe *Radio 48 International*, see HFCC 0000-2400 on 6070 ROB 025 kW / non-dir

to WeEu. (Ivo Ivanov-Bulgaria/DX RE Mix News via Dan Ferguson-SC)

Winter B-2012 **Trans World Radio** schedule from 100 KW Wertachtal transmitter:

5910 0645-0700 Monday-Friday Polish  
6105 0800-0850 Daily English  
6105 1100-1130 Saturday Romanian  
6105 1629-1659 Saturday Romanian  
7210 0930-1000 Daily Hungarian  
7295 1500-1530 Tuesday-Sunday Russian  
7295 1500-1530 Monday Belorussian  
(Bernhard Schraut-Austria, TWR-Europe)

**GUATEMALA** You may have asked yourself how much does it cost **Radio Truth** every time we send you our "Radio Pack", including our QSL Card, banner, sticker, printed pages, and others? It is NOT one dollar, neither two; it may be 10 dollars, or even more. Open the attached document, and read the Cost Table (\$3.41 to Central America, \$5.67 to North America and \$8.74 to Europe/Asia/Africa of which \$2.74 is the cost of the package before airmail) which we have elaborated, without including registration, when so. This is the way how Radio Truth is sacrificing itself so much to serve you. If you want to help, include some bills within your letter, or make a deposit over PayPal. (Dr. Edgar Amílcar Madrid, Founder and Manager-Guatemala/Harald Kuhl -Germany/DXplorer)

**INDIA** 4660, **AIR Leh**, at 1500 on Sep 26, observed on this frequency instead of scheduled 4760 kHz. Still here at 0140 Sep 27. Schedule is 0128-0430 and 1130-1630. When music is played, it is clear, but when announcer speaks, it is not clear (like low modulation). (Jose Jacob-IND, dswci DXW Oct 3). 4660, AIR Leh observed on 4660 instead of scheduled 4760 at 1500 on 26 Sept 2012. This morning also noted on 4660 during 0140 check in. AIR Leh noted on 4660.3 27 Sept also instead of 4760. Schedule is 0128-0430 and 1130-1630. When music is played its clear but when announcer speaks it's not clear (like low modulation). (Jose Jacob-IND VU2JOS, DXindia Sept 27 via TopNews) The latest Aoki file (October 14 at 0500) shows AIR, Leh, moved from 4760 to 4660. (Dan Ferguson-SC/DXplorer)

4940.00, **AIR Guwahati**, 0013-0040, Sep 30, Assamese songs, mostly without music, 0030 Hindi news, 0035 English news heard // 4800, 4920, 4965 and 5010, 35333. (Petersen). AIR Guwahati has launched a new website to be found at: <http://airguwahati.gov.in/> . (Gupta/DX Window)

4965.00, **AIR Shimla**, \*0024-0040, Sep 30, AIR IS, "Vande Mataram" hymn, Hindi ann, local string music, 0030 Hindi news, 0035 English news, 35232. (Petersen/DX Window)

4970, **AIR Shillong** has launched a new website at: <http://airshillong.org/> . (Gupta/DX Window)

**ISRAEL** *Kol Israel* Persian to WeAs again on air from Sep.27 at new time:

1500-1630 on 13850 and 15760, ex 1400-1530, Fri/Sat 1500-1600, ex 1400-1500 (Ivo Ivanov-Bulgaria/DX RE Mix News via Dan Ferguson-SC)

6885, 1655-1705, 15.10, *Galei Tzahal*, Lod, Hebrew ann and songs, ann internet, time pips, advs, news, ex 6973. 45333. (Anker Petersen-Denmark/PlayDX)

**JAPAN** Thomson partner Hitachi Kokusai Electric has supplied transmitters to Yamata station in 1985 and 1989. It was decided to modernize Yamata in 4 phases. First new 250 kW shortwave transmitter was commissioned August 2012; transmitters 2, 3, and 4 will be supplied 2012/2014/2015. (Moritz Steinmann/Thomson Broadcast AG Presentation at HFCC Conference Paris)

**KOREA (SOUTH)** 6480, *Ministry of National Defense Radio* Surprised to find this here at 1012 w/long monotonous tlk by M in KR. Couldn't get an idea of the lang. for about 15 minutes. Gradually getting better. 1036-1038 soft choral song "For Love" (per Ron Howard), then off. Didn't realize what this was until later otherwise I would've checked for the 5150 //. 25 Sept. 5150, MND R., 1000\* w/W vcl song then usual tlk by M in KR //6480 which was stronger. Both poor however. Noisy. 26 Sept. (Dave Valko-PA)

**KUWAIT** *Radio Kuwait* frequency schedule for A-2012:

0200-0900 on 5960 Main Arabic  
0500-0900 on 15515 Main Arabic  
0800-1000 on 7250 Persian  
0930-1600 on 11630 Holy Quran  
1000-1200 on 15540 Philippine  
1005-1500 on 21540 Main Arabic  
1100-1600 on 9750 Main Arabic  
1600-1800 on 15540 Urdu  
1600-2100 on 6080 Main Arabic  
1700-2000 on 13650 Main Arabic  
1800-2100 on 15540 English  
2000-2400 on 17550 Main Arabic

(Ministry of Information, Department of Frequency Management, P. O. Box 967, Safat 13010, Kuwait; E-mail: kwtfreq@media.gov.kw)

**KYRGYZSTAN** 30.09.2012 took the *Kyrgyz radio* in the Russian language with 0025 till 0040 (transfer of a religious subject) and from 0105 till 0120 on the frequency 4010 (Bishkek, 100 kW). SINPO: 33333. Noise from Morse. At the parallel frequency 4795 (Bishkek, 15 kW) the reception was a little better - 45433. (Dmitry Kutuzov, Ryazan, Russia / deneb-radio-dx")

**LAOS** 6130, *Lao National Radio* - Vientiane. First noted 1037 with gentle Laotian instrumental string music, ID and a talk/report in Lao at 1040. Fair to good level, another ID at 1100 and more national music, slightly more pop style. Monitored to past 1115 and no sign of China's Tibetan service tonight. (Rob Wagner VK3BVW-Australia/EDXP)

**MADAGASCAR** Rocus de Joode announced that *Radio Netherlands* had recently ceased most of its shortwave transmissions. Radio Netherlands has owned and operated the Madagascar station for over 40 years, but as of November 1 of this year the station is being handed over to an employee-owned local company called MGLOB - Malagasy Global Business, S.A. The station at Talata Volonondry is about 25 kilometers northeast of the capital city of Madagascar, Antananarivo. The large island of Madagascar is 400 kilometers east of the African continent and has a population of 22 million. The site can reach central, southern and eastern Africa with one hop (up to 4000 km). Demand for short-wave coverage remains high for this region, which includes countries such as the Democratic Republic of Congo, Ethiopia, Somalia, Sudan and Southern Sudan and Zimbabwe. The second hop from Madagascar - a 7000-kilometer radius - reaches West Africa, North Africa, the Middle East, Central and South Asia and Southeast Asia. MGLOB will market the facility as a commercial station. It offers 100, 125 and 250 kilowatt transmitter power, as well as a 50-kilowatt transmitter for non-directional coverage of the island of Madagascar itself. Just last year, Radio Netherlands bought four former Radio Sweden ABB transmitters from a site in Horby, Sweden to renovate the Madagascar station with newer equipment, and these transmitters should all be on line by the beginning of the B12 season. A full complement of 15 curtain array antennas capable of operating from 6 to 26 MHz enables the station to target various azimuths in Africa and Asia, and there's also a log periodic antenna which

can operate in the same frequency range. For coverage of the island of Madagascar, the station has two dipole antennas which can operate in the 41, 49, 75 and 90-meter bands. (HFCC/ASBU B12 Paris Report by Jeff White/NASB)

**MEXICO** 6185, 0456, *Radio Educacion*, Mexico DF now closes around 0500 daily. Regularly hrd but Brazil 6180 causes moderate QRM some days. (Bryan Clark-New Zealand/NZDXTimes)

**MOROCCO (SPANISH)** 9579, 0534, *Medi Un* is off frequency - on 9579.15 on 1/10 ex usual 9575 causing heterodyne QRM against Africa No.1 on 9580 in our evening, and Radio Australia 9580 in our mornings, e.g. 1940 on 2/10. At both times Medi Un has news in FF. (Bryan Clark-New Zealand/NZDXTimes)

**MYANMAR** 5770, *Defense Forces Broadcasting Unit* in Taunggi has been missing for at least 10 days. I doubt a frequency change. Maybe TX problem. All other stations appear to be holding to their regular skeds other than the 7200.1 operation, also heard 0130-0230 and 1030-1300. (Victor Goonetilleke-Sri Lanka/DXplorer)

7109.992, *Thazin Radio* <thazinradio@yahoo.com> Nothing heard here today after 1500 UT, but noted Myanmar R Rangoon 5985.821 kHz instead, around 1515 UT Sept 20. On Sept 21 at 13 UT noted Myanmar Kachin Radio on even 7110 kHz again, best signal of Myanmar Radios. (wb, wwdxc BC-DX TopNews Sept 18/20) Am sorry I did not explain fully about the situation on 7110. Believe many people are confused about the names of the stations there. Please note the timing for the two stations on 7110 during their evening transmission. This per Aoki: 7110 Myanmar Kachin Radio 1030-1430 1234567 Burmese/dialect; 7110 Thazin Radio Pyin Oo Lwin 1430-1500 1234567 English. Usually I just report the English from Thazin Radio. Have confirmed that ID by what I have heard on air, but have not confirmed the Kachin Radio ID, but believe it is probably correct. (Ron Howard-CA-USA, wwdxc BC-DX TopNews Sept 21/TopNews) Finally was able to decipher their e-mail address today and sent off a reception report. In less than two hours received this: "Firstly, thank you for listening to our Thazin radio programs. I am very glad for your e-mail. You can suggest for our programs to be better. We are just new station. We are trying to get better performance. If you have any suggestion, stay in touch with us. Be happy, THAZIN RADIO". From: Thazin Radio thazinradio@yahoo.com. Rather a generic message, but I am still happy

making any kind of contact with them. (Howard, Sep 20/DX Window)

7200.08, **R. Myanmar** Here today at 1110 w/usual Asian Pops, and W anncr. One song sounded "Hey Santa" by Wilson Phillips and another at s/off sounded like "She Was Only 16" by Dr. Hook. Surprisingly clear w/41mb mostly void of Ham signals. Thought it was going to stay on today but it went off at 1125:00. 8 Oct. (Dave Valko-PA)

**NEW ZEALAND** Updated A-12 of *Radio New Zealand International* from Aug.22:

0459-0758 11725 All Pacific  
0459-0650 11675 DRM All Pacific  
0651-0758 9890 DRM Tonga  
0759-1058 6170 All Pacific  
0759-1158 7440 DRM All Pacific  
1059-1259 9655 Timor, NW Pacific  
1300-1550 6170 All Pacific  
1551-1745 7440 Cook Isl, Samoa, Fiji  
1551-1745 6170 DRM Cook Isl, Samoa, Fiji  
1746-1850 9615 All Pacific  
1746-1836 7440 NF DRM Cook Isl, Samoa, Fiji, ex6170  
1837-1850 11675 NF DRM Samoa, ex9890  
1851-2150 11725 All Pacific  
1851-2150 15720 NF DRM Niue, Fiji, Samoa, ex13730  
2151-0458 15720 All Pacific  
2151-0458 17675 DRM All Pacific  
(Shortwave Report/NZDXTimes)

**NIGERIA** Turn-key new radio station project near Abuja inaugurated on 13 March 2012. Ultramodern super transmitting station and rotatable antenna in line with Nigerian Government commitment to meet 2015 global deadline for digitization of broadcast industry. Three 250 KW shortwave transmitters (TXW2300D) are DRM ready; 1 new rotatable antenna and 3 new curtain antennas. (Moritz Steinmann/Thomson Broadcast AG Presentation at HFCC Conference Paris)

**OMAN** 15140, **R Sultanate of Oman**, Thumrait, 1430-1458, Sep 13, ID at 1430: "Radio Sultanate of Oman News", "This is Radio Sultanate of Oman", news headlines, and news in details in English, 1440 non-stop English popular songs, 1458 Arabic program, 55444. Very strong signal. (Kato visiting near Petra Heritage, Jordan/DX Window) Also heard at 1845-1903, Sep 25, Arabic song, ID, talk, 1900 news, 34322. (Ashar/DX Window)

**PAKISTAN** 15725, **R. Pakistan** Nice ID by M in Urdu at 1059:32. Usual fanfare, and time ticks, EG

ID by W, then nx. Off at 1104:16 at end of EG nx by W. 27 Sept. (Dave Valko-PA)

**PAPUA NEW GUNIEA** 3204.97, **NBC Sandaun**, 1113 easy C&W-like song. 1115 W anncr w/poss. ment of NBC, and PSAs and messages w/ment of Saturday, phone number, Highlands, Vanimo, children, 1119:45 NBC Sandaun ID. 1120-1025 Island Pop song. 1126 canned annmt by M over mx w/ment of PNG. 1126-1129 Reggae-like song. 1129 W anncr w/TC then canned inspirational PSA annmt by M and W in EG abt education, (no doubt about "World Teachers Day") over instru. mx 1030-1032. 1132:50 W w/ID, freq 90.7, and TC. 1032 Island song w/C&W flavor, turned down after a minute then long tlk by W but couldn't determine subject to 1150. 5 Oct. (Dave Valko-PA)

3385, **Radio East New Britain**, 1055-1115 Sept 25, this one is back and noted slightly better than 3235 which was also in at that time. (John Herkimer-NY/DXplorer) 3385, NBC East New Britain, Around 0943 much better than on the 3rd. 1010, 1030, 1050, 1100 no change. Starting to improve slightly at 1105. Right at readability. 1045 ad block w/contest annmt and apparently a feed store, then dead air. Finally ment of New Britain weakly at 1047, then Pop song "Breathless", then 2 ads at 1051 and studio M returned. 1100 2 ads, live M, then 1102 usual signature and NBC nx. 1118:00 ID by W during nx "NBC East New Britain Provincial news". Department store ad, start of lumber ad and then just a white noise, must have been having tech problems. 1229 finally a bit of mx, then live speech w/occas. clapping. 1137 studio M anncr returned, and tlk abt the "World Teachers Day" celebration. Still getting W anncr at 1218, then ads or promos. The only one showing up at this time. 5 Oct. (Dave Valko-PA)

3915, **R. Fly** 1030 Pop and Rock mx pgm hosted by W anncr. "I Can Dream About You" by Dan Hartman at 1054. Pretty nice at 1118 w/pleasant island Pop song. 1133 W again w/song annmts, ment of "dedication FM". Hams tlking abt a Squirrel cage. 1142 canned annmt, then W again. W between songs w/song annmt, ment of FM, ID, and 1987 in reference to song. 1151 another ID during annmt and ment of "...broadcasting to you...", then into "What's Love Got To Do With It" by Tina Turner. 11 Oct. (Dave Valko-PA)

7325, **Wantok Radio Light** also hrd at unusually good S4 lvls on 9/22 from 0830 tune w/ praise vocal by man. After intro annmt by local female ancr at 0832.5, into an EE sermon by male preacher (Dr.

Kyle(?) Adiani from New Zealand) at 0833. What a difference a few months make! Back earlier in the late Spring/early Summer, this station was barely audible on 7325. (Bruce Churchill-CA/DXplorer)

**PERU** 4747, *R. Huanta Dos Mil* Came on at 1000:21 in middle of pgm promo possibly for "La Voz Salvacion" w/ments of Huanta, then full ID w/calls and AM and FM freq., very short ID jingle by W, and into LA Pop mx. 7 Oct. (Dave Valko-PA)

4810.09, *R Logos*, Chazuta, Tarapoto, 0938-1035, Sep 18 and 20, soft music and talks in Spanish. Signal not heard without being aided with the notch filter which is set at 4811.046 kHz and is 1 kHz wide to block the heavy QRM interfering with R Logos, poor. (Bolland/DX Window)

4985.56, *R Voz Cristiana*, Chilca, Huancayo, 1145-1230, Sep 18, music in Quechua, Spanish ID: "Radio Voz Cristiana, una voz para el Perú y el Mundo", advs: "Comercial Espinoza", "find everything that is plastic", ID: "Cuando te pregunten, responde yo escucho Radio Voz Cristiana", 44444. (Arrunátegui/DX Window)

5024.90, *R Quillabamba*, Cusco, 0955-1010, Sep 28, two males and a female in Spanish comments on the verge of yelling as they talk. It was typical of how Peruvians comment usually in the mornings. Rebelde is not on the air yet. (Bolland/DX Window)

5039.26, *R Libertad*, Junín, 0952-1005, Sep 20, Spanish comments, 0955 signal improves just a little, but then fades back into the noise. (Bolland/DX Window) Also heard at 1140-1205, Sep 03, musical program "El Club de los Inolvidables", ID: "Por su Radio Libertada", romantic Latin American music, adv "Buy Sanito 25% for the cure of parasites in the animals", music, ID: "Radio Libertad, música y nada mas...", 44444. (Arrunátegui/DX Window)

**PIRATE (EURO)** *Laser Hot Hits* has been booming into London on 4026. The French monitoring station at Rambouillet (SW Paris) has DF'd the transmitter location to Suffolk p see monitoring reports at <http://bit.ly/PKnmnY>. The ITU reports make very interesting reading. Try taking a Google Street Map drive at the co-ordinates Rambouillet suggest - very interesting. (Stuart Healthcock-England/BCDX via WDXC)

**RUSSIA** *Radio Russia* from 00.00 till 00.25 on the following frequencies: 4050 (Bishkek, Kyrgyzstan,

50 kW) - SINPO: 35333; 6085 (Krasnoyarsk, 50 kW) - SINPO: 44444; 6100 (Kyzyl, 1 kW ?) - SINPO: 23332. (Dmitry Kutuzov, Ryazan, Russia/deneb-radio-dx)

**RWANDA** *Deutsche Welle* B-12 schedule English Schedule from Kigali issued 15 Oct 2012:

0400-0457 5905 7285 9420 9470  
0500-0527 5905 9420 9800 11800  
0530-0557 9420 11800  
0600-0630 12045 13780 17800  
0630-0700 13780 17800  
1900-1930 11800 12070 15275  
1930-1957 12070 15275  
2000-2057 9655 11800 12070  
2100-2200 9655 11800 12070  
(DW/Chris Lobdell-MA)

**SOLOMON ISLANDS** 5019.88, *SIBC/R. Happy Isles* 1136 M anncr taking phone caller. Usual canned s/off ID anmnt by W "You've been listening to the Solomon Islands Broadcasting Corporation, R. Happy Isles. We've been transmitting on 1,035 kHz in the medium wave band, and on shortwave frequency on 5,020 kHz in the 60 meter band. We are now closing down for today but will repeat transmission tomorrow morning at 6 o'clock. So until then, from all of us at SIBC, goodnight everyone", NA, and off. Quite clear w/hardly any Rebelde QRM. 8 Oct. (Dave Valko-PA)

**SOMALILAND** The best information I have is that there is NO regular postal service to or from Somaliland. However, locals say that mail packets can be sent via the private carrier DHL. I cannot vouch for that, since I have not tried it. Reportedly though it works for outgoing mail but I haven't found anybody in Hargeisa who actually claims to have received correspondence that way. But DHL's website does look like it has an office in Hargeisa. (Don Jensen-WI/DXplorer)

Currently there is a serious push within Somaliland — and the government seems to be thinking favorably — to change *Radio Hargeisa/Hargaysa* to Radio Somaliland. If that happens, it may well have no practical implications for DXers, but we should at least be aware of it. A name change, however, is not a slam-dunk decision. In this currently radio-conscious but unrecognized "country." There is still a lot of history and tradition favoring in the name Radio Hargeisa. It still is remembered in East Africa for its significant past. But there are negatives too. The current government push was to provide



a signal that could be heard throughout the "country" and not just in its capital. Also, Radio Hargeisa formerly was identified as the Voice of Somalia. But today, Somaliland is anxious to portray itself as politically and economically stable, different from rest of Somalia, which seems virtually ungovernable. The Voice of Somalia is an albatross around its neck. For the latter reasons, I think before long, Radio Hargeisa on 7120 probably will become Radio Somaliland, the Voice of Somaliland. (Don Jensen-WI/NASWA Yahoo Group)

**SOUTH AFRICA** Alistair Oliver, Manager of Business Development at Sentech in South Africa, explained all about their transmission facilities and the African coverage they can provide to interested broadcasters. Sentech is a state-owned company with infrastructure to carry transmission signals for the South African Broadcasting Corporation as well as commercial and community stations. It has 742 FM transmitters, 627 TV transmitters and satellite services. It has 16 shortwave transmitters (ten 100-kilowatt, four 250-kilowatt and two 500-kilowatt) and 43 shortwave antennas capable of covering Africa and the Middle East. These SW facilities are located in Meyerton, about 80 kilometers from Johannesburg. The site was built in 1964. Sentech currently provides shortwave services to 23 broadcasters for a total of 3300 hours per month. Current clients include Adventist World Radio, Babcock, the BBC, Radio France International, the South African Broadcasting Corporation, Trans World Radio and World Radio Network. (HFCC/ASBU B12 Paris Report by Jeff White/NASB)

**SRI LANKA SLBC** with new English news broadcasts. Sri Lanka BC has been noted with News in English at 0215-0220 on 7190 & 11905 in between Hindi Service. This is not parallel to regular English Service on 6005, 9770 & 15745. So on 7190 & 11905 several languages now in the mornings. 0115 Bangla (Christian program). 0130 Tamil. 0215 English. Hindi at other times in mornings. Hindi dropped in evenings. (Jose Jacob VU2JOS-India/NZDXTimes)

**SUDAN** 9505, *R Omdurman*, Al-Aitahab, Khartoum (100 kW / 090 degrees), 0230-0730v, Oct 15, new frequency in Arabic to East Africa, ex 7200 non-directive to Central Africa: very strong QRM 0330-0430 from Adventist World R in Farsi 7200. (Ivanov/DX Window) 9505.01, *R Omdurman*, Al-Aitahab, Khartoum (100 kW / 270 degrees), \*1624-1906\*v, Oct 10, 11, 12, 14 and 15, new frequency in Arabic to North Africa, ex 7200 non-directive to Central

Africa (no longer heard), Sudanese songs, but rather weak under modulated audio signal. Much fluttery, 32332. QRM from VOIRI from \*1627. Later R Romania Int. in German in DRM mode on 9495. When R Omdurman still had its external service in year 2005, it used these frequencies: 4995, 6150, 7200, 9505, 11835 and 15170. (Bueschel, Ivanov, Ritola, Petersen and Van Arnhem/DX Window) 9505, R. National/R. Omdurman ID 0407:20 by W in AR between local AR Pop songs. 0411 tik by M in AR. More mx and tik between songs. Another ID by W over soft guitar mx. Fading by this time. Dead air at 0428, then canned ID by W again at 0429:15. Signal very similar to 7200. QRM from apparently Austria underneath. Wonder if this came on as 7200 went off. 16 Oct. (Dave Valko-PA)

11650, *R Omdurman*, Al-Aitahab, Khartoum (p), 1400-1500, Oct 02, a new program with African music and several times ann in Arabic: "Saut Afrikya min Idaa-tu Sudanya" and in French: "La Voix du Soudan, Radio National du Soudan" was being broadcast. There were ann in a third language too, probably in Somali/Swahili. (Ivanov/DX Window) Not heard since. (Ritola/DX Window)

**SYRIA** 9330, 2135, *Radio Damascus* very good strength in EE 7/8 but reception impaired by noisy transmitter. Commentary about the 'hectic struggle' but the announcers very poor English made it very difficult to understand. Logged in LSB to avoid American USB operation. (Bryan Clark-New Zealand/NZDXTimes)

**UKRAINE** 30.09.2012 with 0725 to 0759 took *Dneprovskaya Volna* ("Dnieper wave") in the Ukrainian language at a frequency of 11980. Broadcast transmission of Ukrainian radio. Reception - 45444. In 07.59 sound identification of the Radio "Dnirovska Khvilya", declared address, the frequency and the time of broadcasting. Prior to this were three Ukrainian the songs. (Dmitry Kutuzov, Ryazan, Russia/deneb-radio-dx) On October 14, from 0600 accept radio "Dnirovska Khvilya" at a frequency of 11980, broadcast the first program Украинского radio. Reception - 45444. It is interesting, hear them who are in Ukraine? Yes, and in other places. (Dmitry Kutuzov-Russia/deneb-radio-dx)

Thanks to observations of the foreign colleagues finally became clear that SW-broadcast of a broadcasting stations on the territory of Ukraine ceased 31 August. Broker Broadcast Belgium (TDP), the

last customer air time on the sending centre in the Luch (Nikolaev region), suffered a program Denge Mezopotamya and Miraya FM (for Kurdistan and Sudan respectively) on the transmission centres in Bulgaria (Sofia) and Bosnia-Herzegovina (Bijeljina). Note that we are talking about "Dnieper wave" of Zaporozhye is not in the bill, don't even know what her status is likely that something else is. P.S. SW-broadcasts from other centers cancelled in 2010-2011, MW-broadcasting from there at the moment of the present. Red (Lviv region). SW-broadcasting terminated by July 1, 2011 with January-July from there only "Voice of Russia" on English and German languages, broadcasting m Radio of Ukraine to the North America was abolished 1.01.11. Kharkov region: SW-the broadcasts were suspended in May 2011 year in connection with the decision to close the Ukrainian Department of Radio Ukraine. The decision was soon abolished, but the broadcasts on the SW were never resumed. Brovary (Kyiv region). Broadcasting of UR-1 on the 5970 terminated 22 February 2010. (Alexander Dyadishchev-Ukraine/deneb-radio-dx)

**URUGUAY** 6045, 0541, *Radio Sarandi* back after short absence, now LSB mode on 6044.95. Mainly SS talk format 17/8. Also noted 29/8 at 0844. Signal always weak. (Bryan Clark-New Zealand/NZDXTimes)

**USA** 9370v, *WTJC* is no longer SW broadcast. Dear Friends, I have received an Official message of shut down WTJC, 9370 kHz, Fundamental Broadcasting Network, USA: "Thank you for writing. WTJC is no longer broadcasting and has been officially off the air since August 2nd of this year {2012}. In Christ's service, Mrs. Robinson." Regards and 73 from Mexico. (Mr. Magdiel Cruz-Coxcatlan-MEX, wwdxc BC-DX TopNews Sept 18)


Frequency change of *WTWW* in English from Sep.26: 0000-1200 NF 5745, ex 5755 (Ivo Ivanov-Bulgaria/DX RE Mix News via Dan Ferguson-SC)

**UZBEKISTAN** Thomson delivered one 100 KW shortwave transmitter (TSW2100D) that is DRM ready to Tashkent in December 2011. The ten 100 KW transmitters manufactured in the former DDR and installed in 1957/1958 are still on air confirming the myth that the Soviet design will last for centuries. The radio station is mainly acting as a relay, servicing Asian countries like Nepal, India or Iran. (Moritz Steinmann/Thomson Broadcast AG Presentation at HFCC Conference Paris)

**ZANZIBAR** 11735, *R. ZBC*, 1940-2056:20\* Usual pgm of AR mx and host M annr in SW every so often. 1958 short anmnt by M over mx w/ment of Dar-es-Salam. 5+1 slow time ticks, then local nx by M starting w/ment of radio in what sounded like a very fast "ZBC Radio" ID, then several ments of Zanzibar. 2005 another anmnt w/"Radio ZBC" ID. Went off the air in mid-song again before ToH. Fair to good signal. Tnx Brian Alexander info on new ID via Ron Howard. 4 Oct. (Dave Valko-PA)

**ZIMBABWE** *Voice of Zimbabwe* was heard after a long absence on 4828 at 1734 September 20. The programme was mostly in English with a talk about Zimbabwe, Uganda, etc and an identification at 1745, the announcer said programme was coming live from somewhere I couldn't catch so maybe this was broadcast for a special occasion. (Arthur Miller-England/WDXC)

**DIGITAL RADIO MONDIALE** Worldwide open digital radio standard is complete (DRM30 below 30 MHz and DRM+ above 30 MHz). Shortwave hours in gradual decline since 2005. 41 shortwave transmitter sites closed since March 2005. DRM hours in decline since peak in 2006. Weekly DRM hours under 1000 (2000 in 2006). More than 120 DRM30 services on air globally: AIR, BBC, KBS World, NHK Japan, Radio Australia, Radio New Zealand, Radio Vatican, Voice of Russia and Voice of Nigeria. DRM30 tested in Brazil in November/December 2011. Shortwave broadcasts performed at 125 kW end of 2011 from Montsinéry, French Guiana. DRM shortwave trials in India conducted successfully in 2007. In October 2011 All India Radio increased DRM shortwave to 16 hours per day. Broadcast Australia installing two DRM ready shortwave transmitters of 100 kW; one at Shepparton due on air September 2012. Radio TV Malaysia 5 DRM ready shortwave transmitters of 100 kW in Kajang. DRM30 transmissions have started on 7235 and 11885. Radio New Zealand installed a 100 kW DRM shortwave transmitter that broadcasts 20 hours per day to all the Pacific islands. Nigeria tested DRM from its new shortwave transmitter site in Match 2012 from Abuja. (Ruxandra Obreja, Chair-DRM Consortium at HFCC Conference Paris)

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

# Pirate Radio Report

Mike Rohde • 2615 Willow Glen Road • Hilliard, OH 43026 • hfpirates@gmail.com

Greetings and welcome to the November Pirate Report. Activity during the month of October has been good. Although propagation has not been all that great we should expect an improvement as the winter months advance.

## He Speaks!

There is one event that occurred during October that I cannot fail to mention, if you were lucky enough to be at your radio Friday night October 20 at about 0015-031 UTC on 6.925U you would have heard a TX by Wolverine Radio, that in itself is not unusual. However what was unusual is that Wolverine spoke on air and spoke on air a lot. His past history has always been that he would give a voice ID (electronically altered) and that was all. On Friday he ran a request show that included the announcement of the tracks he was playing, a lot of talking, and shout outs to the listeners that were posting on the HF Underground. When I checked the HF Underground the next morning there were 35 posts and 206 views of the posts. It was a great broadcast and everyone had a great time listening. So, Wolverine Radio our hats are off to you and thanks for the great show!

Next month I will feature an interview with Radio True North.

That is it for this month now to the logs!

**Cool AM Radio**, 6925 USB, 0210-0247\*, 10-03-12. SIO:333 North American relay of this popular Dutch pirate, playing Motown oldies, songs by Creedence Clearwater Revival, frequent IDs, promos for "Pirates 4 Peace". Supposedly a relay by Grizzly Bear Radio, although I did not hear it. [Lobdell-MA]

**Grizzly Bear Shortwave**, 6.925u, 10-6-12, 34343 (S8), 0240 Celtic fiddle music 0243 ID as Grizzly Bear radio somewhere in western North America. then back into more Celtic

fiddle 0348 a shout out to Chuck Ripple and then an ID Email address: Grizzlybearfm@gmail.com, [Rohde-OH]

**Kosmos**, 6925 USB, 0203-0311\*, 09-26-12 UNID North American relay of this Venezuelan FM pirate. Rock tunes including "Smoke On The Water", comedy in SS accented EE about George Bush and Dick Chaney. SS IDs and email addresses given [tunavekosmos@yahoo.com and tunavekosmos@hotmail.com]. [Lobdell-MA]

**Radio Bleh, Bleh, Bleh**, 6.925, 10-20-12, 35333 S8, Picked up here ~2330, a bit of band noise present tonight, ID ~2329, Song with "Obama" in it, 2335 ID [Rohde-OH]

**Radio Paisano**, 6.925a, 55455 10-12-12, 0042, Radio Paisano with his usual great signal here. I always look forward to this broadcast. This annual broadcast is a few days late this year for some reason as it is usually on the US Columbus day holiday. As indicated by the SINPO an outstanding signal as it is always. [Rohde-OH]

**Radio Paisano**, 10-13-12, 6.925a, 0019-0109, second broadcast this week normally a once a year op., 45444, On at 0019, 0022 story about the Italian version of goldilocks and the three bears, 0024 "please don't squeeze the banana", 0026 Radio Pisano ID 0109 off [Rohde-OH]

**Radio Ronin Shortwave**, 6925 AM, 0043-0120+, 10-02-12 SIO: 444. Sign on with IS "Satisfaction" by The Rolling Stones, station ID, then into Ronin's "car" show. Ads for vintage Ford Thunderbirds, songs about cars such as "Hot Rod Lincoln", "Drive My Car". Nice to hear this one again. [Lobdell-MA]

**Radio Ronin Shortwave**, 6925, 9/30 2309 UTC noted with Japanese-style interval signal, "You're listening to Radio Ronin Shortwave" ID, into punk rock music. Good signal. (Bueneman-MO)

**Radio True North**, 6.925a, 10-13-12, 0310, 35333, S9 into Ohio. ID at 0318 with male and female voices the mail voice sounds like a Cool AM production. Playing a nice selection of music tonight. [Rohde-OH]

**Rave on Radio**, 6.925, 10-23-12, 0022, 55444 S9, Said George Wallace passed away actual it was George McGovern, Neil Young, 0026 "Take it Easy". 0028 The Who, we are not going to take it. [Rohde-OH]

**Red Mercury Labs**, 6925 USB, 0120-0414\*, 09-29-12. SIO: 232 Started off with relay of The Voice Of Captain Ron SW, Then into own programming later on. After signing off at 0414, someone else came on with KIPM sound effects and played the song "I'd Love To Change The World", After that Red Mercury Labs gave them a hello before signing off for good. [Lobdell-MA]

**The Crystal Ship**, 13.780u, 2115-, 9-30-2012, 35353, Play various music with IDs Thought to be a relay by another unknown op. [Rohde-OH]

**The Voice of Kaos**, 6.925u, 10-6-12, 2315 The Voice of Kaos, playing Strangers in the night and various other music. [Rohde-OH]

**The Voice Of KAOS**, 6925 USB, 2314-2324+, 10-06-12 New show with news items on Pussy Riot in Moscow and The Topsfield, MA Fair. Music in between. Email as: voiceofkaos@gmail.com [Lobdell-MA]

**WMPR**, 6955 AM, 2259-2312+, 10-06-12, SIO: 333 Playing pop and dance music, not the usual Techno "thump thump" stuff. ID by male/female "WMPR 6955". [Lobdell-MA]

**WMPR**, 6.925U, 10-08-12, 2300-2315. EG Techno mx with electronic ID at 2312. First log of this station in a long time, and not at the good signal strength as in the past. Poor.(Wood, TN)

**WMPR**, 6.925, 10-8-12, 55445, Great signal, playing interesting electro music. 2258 signal strength dropping along with a loss of audio definition. Looks like signal might be going long. [Rohde-OH]

**WMPR**, 6.955, 2320, 10-16-12, WMPR, playing some eerie electronika music tonight. Then into non dance music very unusual for him (war without tears). [Rohde-OH]

**Wolverine Radio**, 6950, 9/29 0207 UTC noted with pop music, "Wolverine Radio" ID. Very good signal. (Bueneman-MO)

## Euro pirates

**Blue Star Radio**, 15070 USB, 1434-1450, 10-07-12. SIO: 232. Tune in to "Walk Of Life" by Dire Straights. ID, mailing address by male announcer. Pretty well gone by 1450 UTC. Thanks Mike Rohde for tip. [Lobdell-MA]

**Blue Star Radio** (Netherlands), 15.070u, 10-7-2012, starting at 1350 utc. Started out at 50 watts and reduced down to 3 watts in steps. It appears that today I can here down to about 15 watts. Still going at 1435 utc. [Rohde-OH]

**Radio Marabu**, 6210 AM, 2112-2359+, 10-06-12. SIO: 232. Playing an alt rock tune, ID by male announcer. Promo for "This is the afternoon show with Kevin..." at 2122, talk about internet, satellite. Still going at 2335 with song by Greenday. ID's in EE, German. [Lobdell-MA]

**Radio Trans Europe**, 6925/6930 AM, 2237-2245+, 10-06-12, ID and email address by male announcer [radiotranseurope@gmail.com]. Into the song "It's My Life" by Talk Talk, then changed frequency from 6925 to 6930 during the song. Signal slowly deteriorated during the show. [Lobdell-MA]



# QSL Report

Sam Barto • 78 Blakeman Road • Thomaston, CT 06787

30. Aniversario.

QSL

"Y conocerás la Verdad, y la Verdad os hará libres." Juan 8:32



Radio-Verdad

ESTACIÓN EVANGÉLICA EDUCATIVA "RADIO VERDAD"  
Apartado Postal # S. Chiquimula, Guatemala, C.A.  
E-mail: radioverdad@yahoo.com  
http://www.radioverdad.org

4.0525 MHz  
75 m. SW1

**ENGLAND: RTE Radio One** based in Ireland verified a postal report with a full data "Map" cd. "with Compliments" note in 15 days. The station returned my return postage from an illegible verification signer. (D'Angelo-PA).

**EURO PIRATE: Trans Europe**

\* **Radio 6925 and 6930** full data "Red Tulips" email card in 4 days along with a personal note and a photo of the

transmitter from Hans. The station is located on an island in the southwestern part of Holland. (Lobdell-MA).

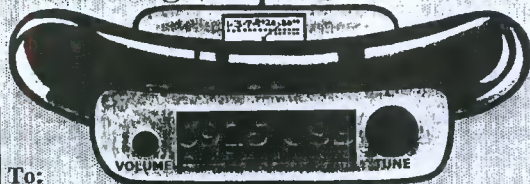
**REPUBLIC OF SOMALILAND: Radio Hargeisa 7120** The verie was received for \*a taped report and \$3.00. v/s Balbur Droblich, Consultant. DJ6SI.

Addr: Zedernweg 6, D-50127 Bergheim, Germany (Smith-MA).

**STATION NOTES: ABC Radio**

**Australia 9500** Addr: GPO Box 428, Melbourne, Australia 3001 **ABC Radio Queensland 6080** Special Tropical Yasi Broadcast via **Shepparton** verified by ed Kusalik. **HCJB 11750** Addr: P.O. Box 1339 (Lot 579 Packsaddle Road), Kununurra, WA 6743 Australia. Email: hcjbkx@hcjb.org.au - or - english@hcjb.org.au **Northern Territory Shortwave Service 5025** via **Katherine** Addr: Box 9994, Darwin, NT 0801, Australia. **Radio Symban 2368.5** v/s John Wright, QSL Manager. Email: dxer1234@gmail.com **Austrian Military Radio Society 6155** Email: oe4rgc@amrs.at Addr: Austrian Military Radio Society, Gussriegelstrasse 45, A-1100

## Vanishing Hot Dog Radio



To:  
Richard D'Angelo - Wyomissing, PA  
September 17, 2010 - 2344-2350 UTC

Wien, Austria...via PLAY DX...Sam.

**USA: WINE 9265** via **Red Lion, PA** very colorful "50th Anniversary" card in 6 wks (Lobdell-MA).

**USA (Pirates): Radio Casablanca 6940** The station verified my email report with a full data electronic attachment QSL verification in 10 days from v/s Rick Blaine at: radiocasa blanca@gmail.com who noted

Free Pirate Radio

## Thinking Man Radio



11/16/10  
6925 USB  
2301-2322 UTC



# GFA RADIO

Scott Barbour

Target regions:

Afghanistan, Bangladesh, Bhutan, India, Maldives, Myanmar, Nepal, Pakistan and Sri Lanka

Partnering with the Church worldwide to reach the most unreached of Asia with the Gospel of Jesus Christ through radio.

"Sorry for the delay in getting this out. We were flooded with reception reports for the broadcast. Thanks for listening". (D'Angelo-PA).

**UZBEKISTAN: Trans World Radio**  
12025 via **Tashkent** The station verified my email report with an electronic letter and a full data PDF attachment in



**STATION NOTES: La Voix de la Charite** 11715 via **Vatican Radio** Addr: Convent Saint Jean, Rue Fouad Chehab, B. P. 850 Jounieh, Lebanon.  
**Borderhunter Radio** 6205  
Email: borderhunterradio@hotmail.com **Focus Radio**

6245 Email: focus@live.co.uk **Radio Fox 48** 6300 Email: radiofox48@hotmail.com **Salem Stereo** 14950.7 via **Rioblanco**, Colombia Station Manager, Luis Emilio Torres Garzon Pasto, Addr: IPUC - Iglesia Pentacostal Unida de Colombia, Calle 34 No. 650-29, Barrio Los Conquistadores Medellin, Colombia...This is a new religious station **Polish Radio** 9650 via **Abu Dhabi** v/s Slawek Szefs. Addr: Polskie Radio, Redakcja Lacznosci ze Sluchaczami Al., Niepodleglosci 77/85, PL 00-977 Warszawa, Poland. **Trans World Radio** 9745 via **Abu Dhabi** v/s Lorraine Stavropoulos. Addr: Radio Trans Mundial, P.O. Box 64, Manzini, Swaziland...via PLAY DX...Sam.

中國華藝廣播公司  
CHINA HUAYI BROADCAST CO.



35 days from verification signer S. Franklin Abraham at Trans World Radio India. (D'Angelo-PA).

**STATION NOTES: Spider Radio** 6925 v/s Costas C. Email: spider.sw@sonmail.com **Short Wave Combination Holland** 6380 Email: swch@live.nl **Shortwave Radio Dutchwing** 6376 Email: radio.dutchwing@live.nl **UK Rock the World** 15760 Email: ukrocktheworld@googlemail.com **Voice of the Netherlands** 6282 Email: votn@planet.nl **Weekend Music Radio** 6400 Email: studio@wmrscotland.com...via PLAY DX...Sam.



Rede **DIFUSORA**

Taubaté, 03 DE Janeiro de 2001.

À  
Richard A. D'Angelo  
2216 Burkey Drive.  
Wyomissing, PA 19610  
Estados Unidos da América (U.S.A)

I guess this will end yet another QSL Column. Quite short this month with only 6 reports but some real nice ones. I know the QSLs are out there so send them into the Column.

Best of DXing and QSLing...Sam.

Prezado Senhor:

Conforme sua solicitação vimos pela presente confirmar a sintonia de sinais de nossa emissora Rádio Difusora OT /AM Taubaté, no dia 13/12/2000.  
Aproveitamos a oportunidade para enviar o material promocional de nossa empresa e para agradecer a atenção dispensada por V.Sa., no sentido de nos manter informados de sua recepção.

Sem mais

Atenciosamente

RÁDIO DIFUSORA TAUBATÉ LTDA


ENÉLIO AMARÉI BERTINGIUS NETO  
Diretor Superintendente

# Contributors' Page

Bob Montgomery • 86 Pumpkin Hill Road • Levittown, PA 19056 • rmonty23@verizon.net

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

The following members sent in contributions:

Brian ALEXANDER, Mechanicsburg, PA	IC-7600, two 100' LW
Scott R. BARBOUR Jr., Intervale, NH	NRD545, MLB-1, 200' Beverages, 60m dipole
Rick BARTON, El Mirage, AZ	HQ-120X, Outdoor Slinky
Eric BUENEMAN, Hazelwood, MO	FRG-7, ATS-803a, 150 ft dipole
Rich D'ANGELO, Wyomissing, PA	TenTec RX340, R8-B, eton E1, E5 DX Sloper
Jim EVANS, Germantown, TN	RX340, R75, 90' lw, Wellbrook ALA100M loop
Robert FRASER, Belfast, ME	Sony ICF-2003, ICF-100S, 2m longwire
Steven HANDLER, Buffalo Creek, IL	Icom IC-7200, Tecsun PL-660, Sony 7600GR
Glenn HAUSER, Enid, OK	FRG-7, YB400, SW-07, ATS-909, lw
Jerry LINEBACK, Grantham, NH	RFSpace SDR-IQ and vertical closed loop
Chris LOBDELL, Bakers Island, Salem, MA	eton E1, Par end fed long wire
William McGUIRE, Cheverly, MD	DX-380
Kevin MOLANDER, Martinez, CA	YB400PE, 5m reel antenna
Richard PARKER, Pennsburg, PA	51S-1-X, R390A, SE3, ant. farm
Ralph PERRY, Wheaton, IL	R8B, E1, 355' bi-dir LW
Andy ROBINS, Kalamazoo, MI	Icom IC-R75, active whip antenna
Mike ROHDE, Columbus, OH	Ten-Tec RX-340, R8B (3) inverted Vee dipole
Mark TAYLOR, Madison, WI	Perseus, Winradio g313e, E1, 40m dipole
Grayson WATSON, Dallas, TX	Satellit 750, Apex 700DTA antenna
Bob WILKNER, Cedar Key, FL	NRD535D, IC746Pro, E1 Sat 800, Flex EWE
Joe WOOD, Greenback, TN	Eton E1, 7 meter random wire
Jim YOUNG, Wrightwood, CA	IC-756 ProIII, 60m & 80m inverted Veess 

2000-5900 kHz


## Tropical Band Loggings

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

- 2325 AUSTRALIA **VL8T** Tennant Creek 0900-0920 Noted here w/ audio but weaker than VL8K; 10/2. (Wilkner-FL) 0910-1110 M anc chat & mx; strong sig; 10/12. (Wilkner-FL)
- 2485 AUSTRALIA **VL8K** Katherine 0900-1050 Noted here w/ audio; exc. mx; 10/2 & 7. (Wilkner-FL)
- 3235 PNG-NEW BRITAIN TERRITORY **R. West New Britain** 1130 Choral hymn prg; pretty good sig & only a touch weaker than 3260-Madang; tnx R. Howard for the ID on this one; was surprised to hear something here while bandscanning for PNGs & didn't expect to find a resident for this freq!; 9/30. (Perry-IL) 1125-1135 Good audio; 10/7. (Wilkner-FL)
- 3310 BOLIVIA **R. Mosoj Chaski** Cochabamba 0850 W anc in Quecha; fair; 10/2. (Wilkner-FL) 0940-0958 M & W anc w/ brief mx; ment. "emisora" flauta & exc. vcl; 10/10. (Wilkner-FL)
- 3320 NORTH KOREA **Pyongyang BS** Pyongyang 1100-1110 Receiving audio on this first time, band check; 10/9. (Wilkner-FL)
- 3329.53 PERU **Ondas del Huallaga** Huánuco \*0920-1040 Early s/on; traditional mx & M anc; 10/1-3. (Wilkner-FL)
- 3350 COSTA RICA **REE** Cariari de Pococi 0210-0220 SS; M & W anc w/ talk; poor; 10/7. (Lineback-NH)
- 3375.1 BRAZIL **R. Municipal** São Gabriel da Cachoeira 0925-1015 Mx w/ weaker than normal sig; 10/2. (Wilkner-FL)
- 3385 PNG-NEW BRITAIN TERRITORY **R. East New Britain** Rabaul 0903 Noted here w/ weak sig; 10/2. (Wilkner-FL)

- 4055 **GUATEMALA R. Verdad** Chiquimula 0502 Full ID in EE w/ Hammond organ mx; asking for rpts to be QSLed; mx is somewhat distorted, more so than the speech & carrier slightly unstable; S9+15; a reliable sig any night w/ its 700(?) watts; 9/29. (Hauser-OK)
- 4319U **DIEGO GARCIA AFN** 2310 Good sig w/ no ute problem; 10/7. (Wilkner-FL)
- 4409.62 **BOLIVIA R. Eco** Reyes 0040-0100 Noted here for first time in several months; 10/3. (Wilkner-FL)
- 4451.2 **BOLIVIA R. Santa Ana** Santa Ana de Yacuma 2355 M anc'r chat then gone at 0000; 10/5. (Wilkner-FL)
- 4700 **BOLIVIA R. San Miguel** Riberalta 0045 M anc'r w/ mx; good; 10/3. (Wilkner-FL)
- 4716.63 **BOLIVIA R. Yura** Yura 0045 M anc'r w/ mx; good; 10/3. (Wilkner-FL) 0920-0950 Emisora w/ exc. mx; f/out; 10/12. (Wilkner-FL) 4716.71 0105 Weak w/ mx; also various mornings at 1000+ 9/18. (Perry-IL)
- 4749.90 **INDONESIA-SULAWESI RRI** Makassar 0925 The one noted here; f-g; 10/2. (Wilkner-FL)
- 4754.85 **BRAZIL R. Imaculada** Conceição Campo Grande 0450 PP; M anc'r w/ talk; 10/13. (Wilkner-FL)
- 4755.44 **MICRONESIA V6MP The Cross** Pohnpei 0840 Noted here w/ some audio; improved by 0920; 10/2. (Wilkner-FL)
- 4765.05 **TAJIKISTAN Tajik Radio 1** Yangiyul 1930-1938 Lcl chants; anc'rs w/ talk; best heard in SSB w/ moderate static crashes; fast QSB; poor; 10/2. (Serra-Italy)
- 4699.9 **BOLIVIA R. San Miguel** Riberalta 0910-1000 Noted here until f/out; 10/8. (Wilkner-FL)
- 4774.95 **PERU R. Tarma** Tarma 1035 Morning folklorico prg at 1035; M anc'r w/ live TCs iöcince de la manana y 35 minutos en Radio Tarma!; reliably exc. most mornings w/ new Beverage antenna pointed at Andes; 9/29. (Perry-IL) \*1100 Noted here w/ s/on; 10/2. (Wilkner-FL)
- 4777.6 **BRAZIL R. Difusora Roraima** Boa Vista 0140-0150 PP; Mx & talk; v.poor; 10/7. (Lineback-NH)
- 4780 **DJIBOUTI RTD** Atta 1620-1634 AA; Chants w/ instrumental mx w/ brief W anc'r; 1627 M anc'r taking some phone calls; best heard in USB; fast QSB & strong static crashes; almost fair; 10/1. (Serra-Italy) \*0300-0320 S/on w/ NA; talk at 0301; lcl chants at 0303; AA talk at 0313; weak; 10/2. (Alexander-PA)
- 4781.5 **ECUADOR R. Oriental** Tena \*1100 Noted here w/ s/on; 10/2. (Wilkner-FL) 4781.62 2350-0000 V. strong sig; 10/11. (Wilkner-FL) 4781.66 1100 SS; Noted shortly after s/on; not there at earlier check; caught w/ W anc'r w/ anc'ments, canned ads & some regional nx briefs around 1104 w/ ments. of Costa Rica, Colombia & Honduras; (T) ID at 1106 sounded like a quick iRadio Orientali & ad over musica ecuatoriana; rather mushy modulation; f/in & out w/ sig lost by 1108; fun to hear a new one, for me, & tnx to D. Valko for his recent 100% ID on this one; this should be much better heard in a few weeks as the morning 60m window into Western LA runs later into morning; 10/1. (Perry-IL)
- 4785 **BRAZIL Radio Caiari** Porto Velho 0925 PP; Rooster sound fx; vcls & M anc'r; "Bom Dias"; TC w/ quick ment. of Caiari; strong sig to 1025; f/out; 10/2 & 3. (Wilkner-FL)
- 4789.91 **PERU R. Vision** Chiclayo 0725-0750 (P); V. distorted blob of noise; too distorted to make out any prg details; 10/9. (Alexander-PA) 4789.93 0910 Noted here w/ distorted sig; txmitter problems?; same at 1035; 10/2. (Wilkner-FL)
- 4810 **PERU R. Logos** 0040-0050 Much weaker than in lcl morning 0900-1100; 10/3 & 5. (Wilkner-FL)
- 4820 **TIBET Xizang PBS** Lhasa 1700-1710 CC; Mx bits & W anc'ments; continuous choral vcls; best heard in LSB w/ inter-filter to null strong het; moderate static; almost fair; 10/4. (Serra-Italy)
- 4824.54 **PERU LV de la Selva** Iquitos \*1100 Noted here w/ s/on; 10/2. (Wilkner-FL)
- 4826.5 **PERU R. Sicuani** Sicuani 0900 Noted w/ weaker sig than normal under CODAR; 0921 improving; 1012 f/out; 10/2 & 10. (Wilkner-FL)
- 4835 **AUSTRALIA VL8A** Alice Springs 0910-0957 Good sig avoiding slop from 4840-WWCR; 10/2 & 12. (Wilkner-FL)
- 4878.2 **BRAZIL R. Difusora Roraima** Boa Vista 0300 Distorted sig in SSB; best in AM; 10/12. (Wilkner-FL)
- 4885 **BRAZIL R. Clube do Para** Belem 0150-0200 PP; Mx & talk; poor; 10/7. (Lineback-NH) 4885.02 2326-2341 PP; M anc'r ment. do Para, Brasil, Italia & Portugal; anc'ments, jingles & IDs; best heard in LSB; fast QSB; moderate QRN crashes; almost fair; 9/6. (Serra-Italy)
- 4894.88 **BRAZIL R. Novo Tempo** Campo Grande 0000-0010 Enjoyable mx under CODAR; 10/11. (Wilkner-FL)
- 4905 **TIBET Xizang PBS** Lhasa 1120 Noted under RTTY; //4920; 10/11. (Wilkner-FL)
- 4910 **AUSTRALIA VL8T** Tennant Creek 0754 Carrier noted; 0815 w/ audio f/in; M anc'r, seeming no mx; 0823 brief mx bridge & gone at 0830 just as gray line reaches Tennant Creek; [date?-ed.] (Wilkner-FL)
- 4920 **TIBET Xizang PBS** Lhasa 2330-2337 Noted //4905; 10/8. (Wilkner-FL)
- 4925.2 **BRAZIL R. Educaçao Rural** Tefé 1005 PP; M anc'r; v. strong sig; 10/2. (Wilkner-FL) 4925.22 0035 0204\* PP preacher; ID; relg mx & talk; weak but readable in noisy condx; 10/10. (Alexander-PA)
- 4930 **BOTSWANA VOA** Moepong Hill 0343-0406 EE; Nxmackers type prg hosted by W anc'r w/ severa people discussing issues; several IDs at 0356 followed by mx interlude w/ nx at 0400; 10/7 (DiAngelo-PA)



- 935.2 **BRAZIL R. Capixaba** Vitória 0845-0915 (T); M anc w/ ments do Brasil; 10/3. (Wilkner-FL)
- 985 **BRAZIL R. Brasil Central** Goainia 0045 Strong sig; generally stronger than 0900-1000; 10/3. (Wilkner-FL)
- 990 **SURINAME R. Apintie** Paramaribo 0450 (P); Noted w/ weak audio; 10/13. (Wilkner-FL)
- 005 **EQ. GUINEA R. Nacional** Bata 1950-1956\* Lcl chants & M anc; sudden s/off at 1956; best heard in LSB w/ inter-filter to null RTTY; strong static crashes; fast QSB; poor; 10/6. (Serra-Italy)
- 010 **INDIA AIR Thiruvananthapuram** 1634-1650 Lcl chants w/ mx; M & W anc in vern; best heard in LSB w/ inter-filter to avoid strong het; moderate QRN; poor; //4910, 4895, 4880 & 4810; 9/22; (Serra-Italy)
- 019.9 **SOLOMON ISLANDS SIBC** Honiara 0840-1120 Audio noted at t/in; 0920 improved, 0935 ancments by W anc to 0943, again to 0945; brief mx bridge; 1040 music; 1047 M anc; improving by 1120; best sig past local Havana this season so far; 10/2 & 11. (Wilkner-FL)
- 025 **CUBA R. Rebelde** Havana 1130 SS (P); M anc w/ talk; good; 9/20 & 10/3. (Handler-IL) 0710 Laughing anc; 10/3. (Wilkner-FL) 0523 M anc w/ string of what sounded like birthday ancments; ID & W w/ nx; vg; 10/8. (Wood-TN)
- 035 **BRASIL R. Aparecida** Aparecida 0900-0935 (T); 0831 PP mx; M anc w/ long chat; improved sig; f/out 0940; 10/2 & 3. (Wilkner-FL)
- 085 **USA WTTW-2** Lebanon 0229 Ted playing classic rock/country mx & prompting phone calls & e-mail; super sig; stayed on past 0400 & asked for mail from Oklahoma after hearing from Texas; 9/30. (Hauser-OK)
- 5110vU **USA WBCQ** Monticello 0135 World of Radio 1636 monitoring; CUSB; confirmed on Area 51; AWWW ran a bit over after a discussion of Ed Bolton's amazing recreations of Amos `n` Andy & closing prayer; inserted between AWWW & WoR was a quick ID for "Radio Free Mount Airy, 87.9"; AWWW is //7490 & even 9330-CUSB [best here], but not WOR; 9/29. (Hauser-OK)
- 5120.07 **PERU Ondas del Suroriente** Quillabamba 1020 Prg en espa ol; weak sig w/ deep fades; 10/3. (Wilkner-FL)
- 5460.25 **PERU R. Bolivar** Cd. Bolivar 0045-0055 M anc en espa ol; fair w/ t-storm noise; 10/3. (Wilkner-FL) 2345-0010 M anc w/ deep fades; 10/12 & 13. (Wilkner-FL)
- 5745 **USA WTTW-1** Lebanon 0400 World of Radio 1637 monitoring; confirmed; meanwhile, WTTW-2 was still on 5085 past 0400; Ted Randall; 10/7. (Hauser-OK) 

5901-30000 kHz

# International Band Loggings

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- 5910+/- **COLOMBIA Alcaraván Radio** via Puerto Lleras 0520 with highlife mx, sigs to 70dB with loud audio, exc. 9/20/12 (Parker-PA) Also at 1040 regularly heard with a reliably big signal. Very nice with arpa-backed romantic ballads. Usual musical time check at 1045, following pattern of first OM ID "Alcaravan Radio!" then time check and then YL providing yet another ID. Continuing with romantic pleasant HJ guitar ballads. 9/18/12 (Perry-IL)
- 5925 **RWANDA Deutsche Welle** via Kigali, 0325-0330 in Swahili, woman talking, bits of tribal singing. 40-60dB signal, fair with QSB and multi-path effects. 9/21/12 (Parker-PA)
- 5930 **RUSSIA Radio Rossii** 1238, R. Rossii with music, 1241 brief Russian announcement mentions John Fox, and Elisabeth ---; 1250 another song in English, music plays until 1300 when it stops with no announcement or even time-signal, and carrier off before 1301. Sunday 10/7/12 (Hauser-OK)
- 5940.00 **BRAZIL Radio Voz Missionária** 0435-0445 Portuguese religious talk. Portuguese inspirational music. Not usually exactly on frequency. // 9665.02 - both frequencies weak but readable. 10/5/12 (Alexander-PA)
- 5954+/- **COSTA RICA Radio Republica** Guapiles 0057 women in Spanish dialogue. Fair signal. Horrible QRMing noise, sporadically covering station. 9/18/12 (Perry-IL) Also 0152 in Spanish. Music, 2 Men w/ announcement (couldn't make out if ID), 0200 YL w/ extended talk, apparent phone interview or call in. 9/17/12. (Taylor-WI)
- 5970 **BRAZIL R. Itatiaia** Belo Horizonte (t), 0531-0545 in Portuguese. Audible after R. Japan sign off, Male speaking with telephone callers, occasionally over a background of soft mx, f/by Rolling Stones' "Angie", sigs to 40dB and good. 9/20/12 (Parker-PA)
- 5970 **BOLIVIA Radio Panamericana La Paz** (presumed), 0333-0340, two Male ancrs taking telephone calls, sounded like Spanish but impossible to be certain, sigs 20-30dB, much noise and atmospheric, poor overall. 9/21/12 (Parker-PA)


- 5975 **ENGLAND Radio Japan** via Woofferton, 0524-0530\* in English with "Focus" prgm, f/by a very nice Japanese acappella song, announcements and off. 60dB signal with hi-fi audio, exc. 9/20/12 (Parker-PA)
- 5980 **USA Radio Marti** via Greenville 1146 man and woman presenters w/ID good signal w/Cuban jamming also on frequency // 6030 via Greenville w/good signal also Cuban jamming heard. 9/7/12 (Handler-IL)
- 5995 **AUSTRALIA Radio Australia** via Brandon 1148-1152 English woman/presenter interviewing a male guest about trees. Fair signal // 6020 via Shepparton w/good signal, 6080 via Shepparton w/fair signal, and 9475 via Shepparton w/good signal, 9580 excl signal, and 11945 with excl signal (Handler-IL)
- 5995 **MALI RTVM** \*0556-0605 sign on w/guitar IS. Nat. Anth at 0558. Flute IS at 0559 and opening French ID announcements. Vern. talk at 0601. Local music. Indig. vocals. Fair signal 10/4/12 (Alexander-PA)
- 6009.4 **BRAZIL Radio Inconfidencia** Belo Horizonte, noted several days this week late afternoon, weak but clear. 10/4/12 at 2310 with promo for soccer game with musical theme, OM in Portuguese screaming "gooooooooo!", punctuated by electronic stinger sound effects, etc. Determined via checking against known parallel freqs and indeed, was // to 15191.44, weak but very clear. Also hrd 10/6/12 at 2325. Had initially immediately reacted, when spotting a signal on this freq just below 6010, that perhaps Radio Mil, Mexico DF, had finally reactivated after months of absence. Nope! (Perry-IL)
- 6010.1 **COLOMBIA HJDH La Voz de tu Conciencia** Puerto Lleras (presumed) 0401 a weak signal offset here. 9/24/12 (Hauser-OK) Also heard 0404-0423 Male announcer with Spanish talk ment. Colombia followed by soft vocals with guitar. TC at 0410 and ID followed by more music. Several IDs at 0416 followed by another Man with a long talk. Fair to good. 9/23/12 (D'Angelo-PA)
- 6035 **ASCENSION BBC** WS in listed Hausa 0529 on 10/5/12 (Hauser-OK)
- 6055 **SPAIN REE** 0100 Spanish, IS ID Nat'l news. Good. 9/2/12 (McGuire-MD)
- 6089.86 **NIGERIA Radio Nigeria** 2140-2206 African tribal music. Indigenous vocals. Talk in listed Hausa. Fair. Covered by Anguilla at their 2206 sign on. 10/1/12 (Alexander-PA)
- 6134.81 **BOLIVIA Radio Santa Cruz** 0215-0250+, Spanish announcements. Spanish ballads. Some local music. IDs. Fair. 9/14/12 (Alexander-PA)
- 6145 **USA WYFR Family Radio International** 2300 English religious programming. SIO-555 9/12/12 (Fraser-ME)
- 6154.95 **BOLIVIA Radio Fides** La Paz 1013 fair signal impaired by static and t-storm crashing. 1013 tune-in to note Bolivian huaino-flavored ballad in progress. YL GMT-4 t/c/k at 1014 and then into long ad string. 1016 orchl fanfare and YL " ...desde La Paz . . . el dia de hoy" 1018 CI theme on guitar with occasional OM Spanish talkover, promo. 1019 YL eco ads and then live studio ancr. Fading by 1027. 9/28/12 (Perry-IL)
- 6155 **AUSTRIA Radio Oesterreich International** 0510 German. Man and Woman with extended talk to 0517, church organ music, three articles, brief choral music, 0530 man with extended talk before going back to with two more articles to the top of the hour with brief choral music, of at scheduled 0615. Fair. (Taylor-WI)
- 6160 **CANADA CKZN** Newfoundland 2338 in English. "Laugh Out Loud" comedy program. ID - "This is CBC One, 89.5 CFGB, Goose Bay, Newfoundland." SIO-353 with some thunderstorm static 9/15/12 (Fraser-ME)
- 6165+/- **CHAD RNT** 0446-0505 tune-in to African pop music. French announcements. Local African tribal music. S/on was around 0445. Weak. Poor under Japan. In the clear from Japan after their 0459 sign off but still a overall poor signal due to unidentified noise on the frequency 10/3/12 (Alexander-PA)
- 6165 **ZAMBIA ZNBC**-Radio 2 0242-0256 tune-in to Fish Eagle IS at 0242. National Anthem at 0251 Local African music at 0253. Reception too poor to pull out any further program details. Covered by Voice of Turkey at their 0256 sign on. Zambia poor, weak in noisy conditions. 10/11/12 (Alexander-PA)
- 6165 **LITHUANIA Radio Japan** via Sitkunai \*0429-0438 opening theme music and ID by man anc in Russian. Another man with the news. Poor to fair. 10/5/12 (D'Angelo-PA)
- 6170 **NEW ZEALAND RNZI** 1051-1058\* blues song followed by man talking and then another blues song (last song of the show). At 1057 announcement by male that frequency closing and instructs listeners to tune to 9655 kHz. Excellent signal. 10/3/12 (Handler-IL)
- 6180 **BRAZIL Radio Nacional da Amazonia** 0800 noted with ID and pop music in Portuguese //11780 Good. 9/5/12 (Bueneman-MO)
- 6185 **MEXICO XEPPM** 0310-0345 some sort of radio play with several people in Spanish language Non-stop vocals from 0317. Male ancr with formal ID and frequency announcement at 033. followed by a man and woman presenters with the news. Fair signal although modulation wa

down. 9/15/12 (D'Angelo-PA) Also 0315-0507\* ranchero style music. Romantic ballads. Spanish pop music. Spanish announcements. Reception varied between poor to good depending on degree of adjacent channel splatter. Nice signal at times. Sign off at 0507 with transmitter being turned off at 0511. 10/11/12 (Alexander-PA) Also heard 0520 and still at 0542, good open carrier totally ITC with no 6180 Brazil, failed to turn off the transmitter at 0500v. 10/1/12 (Hauser-OK)

- 6973 **ISRAEL Galei Zahal** 2245-2300 local pop music. Hebrew announcements. Sound effects. // 15850 - both frequencies good. 9/30/12 (Alexander-PA)
- 7120 **SOMALIAND Radio Hargeisa** \*0329-0408 open carrier before opening with continuous indigenous music program. A man with announcements at 0355 and again at 0405 in presumed Somali language. Very good at tune in but deteriorating around 0400 as noise level rose and signal degraded. 9/20/12 (D'Angelo-PA) Also heard \*0333:30-0404 Strong carrier on at 0331. Sign on with local chanting. Talk at 0340, past 0405. Good. 10/4/12 (Alexander-PA) Also heard 0343 brief announcement and HoA music, fair signal at S9+10 without much storm noise for a change. 0354, another brief announcement marred by CW QRHaM, with lots of dits, then a CQ. 0403 music still audible, weakening, and 0413 talk weakening further 10/3/12 (Hauser-OK) Also (presumed) 0334-0415 Horn of Africa vocal music. Short announcements in Somali by man at 0340, 0352, 0358, and 0410. Good signal strength with fading at 0334, followed by a gradual decrease starting at 0352. Gone by 0415. 9/25/12 (Evans-TN)
- 7180 **ERITREA Voice of the Broad Masses of Eritrea** \*0257-0322 sign on with IS. Vernacular talk at 0300. Horn of Africa music. Fair. No //s heard. 9/15/12 (Alexander-PA)
- 7190 **ERITREA Voice of the Broad Masses of Eritrea** \*0256-0320 sign on with IS. Vernacular talk at 0300. Horn of Africa music. // 9715.03 - both frequencies fair to good. 10/8/12 (Alexander-PA)
- 7200 **SUDAN SRTC** \*0230:30-0401\*, Oct 8. sign on with Qur'an. Arabic at 0231. Back to Qur'an at 0232. Arabic talk at 0237. Indigenous vocals. Local Sudanese music. Fair. 10/8/12 (Alexander-PA)
- 7245 **MAURITANIA IGIM** 0553 at S9+20 with chanting, but quite undermod. 9/25/12 (Hauser-OK)
- 7295 **FRANCE Radio Algerienne** \*0400-0425 sign on with short Algerian National Anthem followed by Arabic talk. Arabic vocals at 0406. Qur'an at 0420. Good. 10/4/12 (Alexander-PA)
- 7400 **AUSTRIA Trans World Radio** 0700 noted with ID, Christian music and teaching in English. Fair to poor. 9/24/12 (Bueneman-MO)
- 7475 **GREECE VOG** 0201 music, instead of previous 0200\* 10/7/12 (Hauser-OK)
- 9330 **USA WBCQ** 2100 English. News items separated by medical ads. Changed into religious programming at 2130. SIO-343 w/nasty het 9/14 /12 (Fraser-ME)
- 9420 **GREECE VOG** 0523 Greek talk and good signal with flutter, still at 0540. 10/5/12 (Hauser-OK)
- 9470 **RWANDA Deutsche Welle** 0400 w/ID African service English. Good. 9/16/12 (McGuire-MD) Also 0426 noted with "DW World Link" in English //7240, 12045. Excellent. 9/23/12 (Bueneman-MO)
- 9475 **AUSTRALIA Radio Australia** via Shepparton 1221-1224 English man and woman presenters with news pieces including talking about WHO and tropical diseases Fair signal but heavy adj. chan interference from WTWW 9479/9480. // 6020 via Shepparton w/Fair signal, 6080 via Shepparton w/JBA signal, 9580 via Shepparton w/excl signal, 11945 via Shepparton/excl. signal 9/26/12 (Handler-IL)
- 9515 **TURKEY Voice of Turkey** 0300 English w/IS ID frequency schedule national news. Fair. 9/23/12 (McGuire-MD)
- 9520 **PHILIPPINES Radio Veritas Asia** 1328 ID in English with jazzy music, "stay tuned for broadcast in Sinhala on 9520 in the 31 meter band", 1330 opening with song. 9/24/12 (Hauser-OK)
- 9579.12 **MOROCCO Médi Un** 0527 off-frequency hetting 9580.0 Africa No. Un-Gabon with only music mod. from the latter audible. This time het continued past 0530 (+) 10/6/12 (Hauser-OK)
- 9610 **BONAIRE Vatican Radio** 0103 Spanish started with VG signal, yet bothered by the GUF spur on 9606 on 10/7/12 (Hauser-OK)
- 9630 **COSTA RICA REE** 0529 with electronic music theme closing "Amigos de la Onda Corta". 10/6/12 (Hauser-OK)
- 9635 **MALI RTVM** \*0802-0830 abrupt sign on with vernacular talk. Weak. Poor in noisy conditions. 10/3/12 (Alexander-PA)
- 9655 **ROMANIA RRI** via Galbeni 2300 w/ID, Spanish, National news. Good. 8/28/12 (McGuire-MD)
- 9665 **KOREA DPR Korean Central Broadcasting Station** 1135-1140 in Korean. music/songs. Fair signal. // 11680 w/good signal 9/12/12 (Handler-IL)
- 9689.92 **NIGERIA Voice of Nigeria** \*0759-0815, Oct 3. sign on with IS of local African instruments. ID. Talk in listed Hausa at 0800. Noted slightly off frequency. Fair to good. 10/3/12 (Alexander-PA)
- 9705.03 **ERITREA Voice of the Broad Masses of Eritrea** - program 2 \*0257-0325 sign on with IS. Vernacular talk at 0300. HoA music. Fair at sign on but covered by Ethiopia at their 0330 sign on. Weak // 7209.98. 10/2/12 (Alexander-PA)
- 9715.03 **ERITREA Voice of the Broad Masses of Eritrea** \*0255-0310s/on with IS. Vernacular talk at 0300. Horn of Africa music. Fair. // 7185 - poor with HAM QRM. 10/7/12 (Alexander-PA)

- 9720 **GUAM KSDA AWR** (presumed), 1240 woman ancr in Mandarin. Fair signal. 9/11/12 (Handler-IL)
- 9730 **THAILAND BBC WS 2240** English. "The World Today." SIO=352 9/12/12 (Fraser-ME)
- 9740 **SINGAPORE BBC WS 1142** woman presenter interviewing a woman. Fair signal. 9/12/12 (Handler-IL)
- 9745 **BAHRAIN Radio Bahrain 2357-0020** usb audible after Romania 9745 signs off at 2357. Traditional local music. Local pop and some Western style pop music. Weak but readable. 10/1/12-10/2/12 (Alexander-PA)
- 9760 **CYPRUS CBC \*2215-2244\*** sign on with their usual theme music. Greek talk. Good. // 7220 - good. // 5925 - fair. Fri, Sat, Sun only. 9/14/12 (Alexander-PA)
- 9770 **TURKEY TRT 0100** noted with ID and news in Spanish. Good to fair. 9/25/12 (Bueneman-MO)
- 9795 **THAILAND Radio Thailand 1313**, jazzy piano music, 1314 English outro to R. Thailand Japanese service, bells IS, pause, bells IS and English opening of Mandarin service. 9/29/12 (Hauser-OK)
- 9805 **USA Radio Marti** via Greenville 1206, Spanish male presenters and song barely understandable being overwhelmed by Cuban jamming also on frequency on 9/29/12 (Handler-IL)
- 9840 **VIETNAM Voice of Vietnam 1247** English with man and woman presenters. Good signal 9/11/12 (Handler-IL)
- 9870 **TURKEY Voice of Turkey 0100** Spanish prgm w/IS, pips, ID, national news. Fair 8/25/12 (McGuire-MD)
- 9910 **GUAM KTWR Trans World Radio 1211** heard woman/ancr in Mandarin with Fair signal. 9/16/12 (Handler-IL)
- 9915 **ASCENSION BBC WS 2220 w/ID & English service.** Good. 9/28/12 (McGuire-MD)
- 9920 **PHILIPPINES FEBC 1150-1155** in listed Tai Dam. woman speaker. Fair signal 9/28/12 (Handler-IL)
- 9925 **GERMANY Croatian RTV** via Wertachtal 2300 Croatian w/ID, news. Good. 8/20/12 (McGuire-MD)
- 9930 **OPPOSITION Que Me Radio** (presumed) via Palau Targeting Vietnam 1206 in Vietnamese. female speaker and musical bridges. Fair signal. Friday 9/28/12 (Handler-IL)
- 9930 **PALAU TSWH** English language program with a female announcer talking about temptation by the devil. Fair signal with fading. 9/30/12 (Handler-IL)
- 9955 **PALAU Family Radio International 1159** with sign off theme music. Poor signal 9/29/12 (Handler-IL)
- 9960 **OPPOSITION Khmer People Power Movement Radio** (presumed), 1241. Male presenter heard but signal weak enough that I could not make out whether it was a Man or Woman announcer or whether the language was the listed Cambodian. Poor signal on Monday 9/17/12 (Handler-IL)
- 9960 **OPPOSITION Khmer Post Radio** (presumed) 1214 Male announcer in Cambodian. Wednesday Fair signal. 9/26/12 (Handler-IL)
- 9965 **PALAU Radio Australia** (presumed) 1337 Male presenter in Mandarin. Poor signal w/flutter. 9/26/12 (Handler-IL)
- 9975 **GUAM KTWR** (presumed) 1239 low pitch woman or high pitch Male announcer in Mandarin. Fair. 9/17/12 (Handler-IL)
- 11535 **TAIWAN Family Radio International 1209** Mandarin. Male presenter. Fair-poor signal 9/29/12 (Handler-IL)
- 11595 **ARMENIA Democratic Voice of Burma \*2330-0030\*** sign on with local Burmese music and talk. Many mentions of Myanmar. Fair to good. 10-4-12 crossing over to 10-5-12 (Alexander-PA) Also \*2333-0030\* test tones between 2327-2329. Abrupt sign on at 2333 with Burmese talk. Many mentions of Myanmar. Occasional short breaks of local instrumental music, local flute music, and local string music. Good. 9/15/12 thru 9/16/12 (Alexander-PA)
- 11690 **OPPOSITION Radio Okapi** via Meyerton, South Africa 0415-0433, talk in French by several men with periodic jingle IDs. Nice ID by a woman ancr at 0421 ment. Congo. Fair-good. 10/5/12 (D'Angelo-PA)
- 11710 **KOREA DPR VOK 1314** English mixing with own jamming noise supposed to be restricted to hostile frequencies. What they get for not isolating the jamming site from the SWBC site (presumed) 10/2/12 (Hauser-OK)
- 11735 **ZANZIBAR ZBC 2030-2108\*** local Mid-East style music. Local pop music. Swahili talk. "Spice FM" jingles at 2100 along with other English and Swahili ID announcements. Many station promos. "The best radio station in the land, Spice FM." "Number one station, Spice FM." "Spice FM Radio." Abrupt sign off. Fair to good. Once again, running past their usual 2100 sign off. 10/8/12 (Alexander-PA) Also heard 2040-2056\* traditional local Mid-East style music. Local pop music. Swahili announcements. Abrupt sign off. Good. 10/2/12 (Alexander-PA) Also heard 2050-2056\* local Mid-East style music. Abrupt sign off mid-song. Fair. 9/14/12 (Alexander-PA) Heard also 2056 tune-in to song, cut off at 2056:39\*. Poor signal. 10/6/12 (Hauser-OK)
- 11780 **BRAZIL Radio Nacional da Amazonia 0240-0308** several slow moving songs accompanied by a piano - between these songs a gentleman announcer - a rather deep voice and somewhat "animated" in nature. Lots of noise and static - however, I was able to hear "nacional". Music continued at top of hour - within the next 10 minutes, signal was almost completely obliterated by static and noise. 10/14/12 (Molander-CA)

- 11800 **RWANDA Deutsche Welle** Kigali 2123 English. Item - South Africa a "ticking timebomb" due to unequal qualities. SIO-444 RTTY QRM 9/12/12 (Fraser-ME)
- 11830 **RWANDA Deutsche Welle** 2105 English w/ID and news. Fair. 9/28/12 (McGuire-MD)
- 11850 **MADAGASCAR Radio Japan** 2058, novelty song with orchestra, French ID from R. Japan, signing off with schedule 4+1 timesignal, 2100 open carrier for a while. 10/6/12 (Hauser-OK)
- 11865 **RWANDA Deutsche Welle** 2100-2105 English w/Afr Service ID, rpt on Olympics. Fair. 8/10/12 (McGuire-MD)
- 11870 **GERMANY Radio Biafra London** \*2000-2100\* sign on with African music and opening English ID announcements. Vern. talk at 2001. Occasional English. Thur, Sat only. Good. 10/4/12 (Alexander-PA) Also 2000-2100 instrumental music opening followed by ID and frequency announcement by a man announcer commencing broadcast in Igbo language. Some English noted around 2032. Closed with shirt instrumental music segment. Poor. 10/13/12 (D'Angelo-PA)
- 11905 **VATICAN CITY VOA** via Santa Maria di Galeria, 0507 in Kurdish with talks, 50db signal, exc. 9/7/12 (Parker-PA)
- 11925 **BRAZIL Radio Bandeitantes** Sao Paulo, 0442 in Portuguese, mx prgm featuring a very Peruvian sounding campo f/by slow sx. 20-40db signal (QSB), good overall. 9/7/12 (Parker-PA)
- 11945 **SEYCHELLES BBC WS** 0438 in English, sigs to 15dB, QSB and static, poor. 9/7/12 (Parker-PA)
- 11945 **AUSTRALIA Radio Australia** 0534 fair signal is on early w/AFL Grand Final, as expected before normal \*0600. Nigel Holmes had warned us: "Radio Australia will broadcast coverage of the AFL Grand Final from 0430 to 0745 UT. (Hauser-OK)
- 11965 **ROMANIA RRI** via Tiganesti 0100 French w/IS, ID, news. Good. 9/19/12. (McGuire-MD)
- 11980 **TURKEY Voice of Turkey** via Emirler, 0433 with TT mx, big 80dB signal, exc. 9/7/12 (Parker-PA)
- 12025 **BOTSWANA VOA** 0451 noted with news in English. Fair. 9/24/12 (Bueneman-MO)
- 12365 **CHILE (?) Radio Cooperativa** Santiago usb coming in well here at 2245 on 10/12/12 with quick CODAR pulse interference. Next check after 0100 on 10/13/12, it was no longer heard. Certainly a frequency worth further checking. ( Hauser , OK )
- 13590 **ZAMBIA CVC-1 Africa** 0610 noted with Contemporary Christian music, promos and interview in English. Fair to poor. 9/23/12 (Bueneman-MO)
- 13800 **ROMANIA RRI** via Tiganesti 2030 English w/IS, ID, News. Good. 9/28/12 (McGuire-MD)
- 14950+ **COLOMBIA Salem Stereo** 0546 screaming preacher in Spanish, poor signal but obviously not affected, or even enhanced by K index of 7 on 10/1/12 (Hauser-OK)
- 15105 **BANGLADESH Bangladesh Betar** 1259 tune in very poor signal just in time to hear sign-off in English, brief tone test, and off at 1300. At 1316, 15105 is back on with (presumed) Nepali, S Asian music, slightly better at poor level now. At 1328 music with heavy flutter; 1344 announcement, tone test, open carrier until 1346.6\* 9/25/12. Also 10/5/12 at 1253 with South Asian song, poor with flutter, retune just in time to hear hum carrier go off at 1259:17\*. (Hauser-OK)
- 15120 **NIGERIA Voice of Nigeria** \*0445-0505 tune-in to strong open carrier at 0430 along with occ. test tone. Sign on at 0445 with IS of local Afr. instruments and occ. IDs. Nat. Anthem at 0455. Opening English ID announcements at 0456 and preview of upcoming prgms. News at 0501. Good signal 10/3/12 (Alexander-PA) Also 0502 w/news, hum. Fair but faded way down by 0530 9/25/12 (Hauser)
- 15140 **OMAN Radio Sultanate of Oman** 1402-1440 tune-in to Western pop music. ID at 1430 followed by chimes and their usual theme music. English news at 1431 with short music breaks. Poor. Weak in noisy conditions. 10/2/12 (Alexander-PA)
- 15160 **AUSTRALIA Radio Australia** 0411 with sports nx, women's wheelchair basketball. 60dB signal, exc. 9/7/12 (Parker-PA)
- 15190 **EQUATORIAL GUINEA Radio Africa** 0549 English relig. talk apoor signal. Also 1933, fair signal from screaming preacher, R. Africa 10/6/12 (Hauser-OK) Also 2000-2025\* English religious programming. Abrupt sign off. Fair to good. 10/4/12 (Alexander-PA) Also 0715-0735 English religious programming with talk about fasting. Fair. 9/15/12 (Alexander-PA) Also 1927-1944, Oct 13.man announcer speaking in English with religious talk/prayers, etc.Poor with very deep fades. 10/13/12 (D'Angelo-PA)
- 15220 **ROMANIA RRI** via Tiganesti 2030 English w/IS, ID news. Good. 9/4/12 (McGuire-MD)
- 15215 **GUAM KSDA** 1310, poor signal in Bengali low talk in S Asian language, 1311 music and ID 9/30/12 (Hauser-OK)
- 15275 **THAILAND Radio Thailand** 0002-0021 man and woman announcers with news in English; frequent IDs ("You are listening to Radio Thailand news") ads and promos. Fair. 10/5/12 (D'Angelo-PA)
- 15310 **OMAN BBC WS** 1326 with news -flooding from rain in Spain, poor signal 9/29/12 (Hauser-OK)
- 15400 **OPPOSITION Radio Dabanga** via Madagascar 0548 with fair signal; it's no longer so reliable as in summer here/winter there, and // 11650 via VATICAN is better 10/6/12 (Hauser-OK)
- 15450 **TURKEY Voice of Turkey** 1247 English w/male presenter poor-fair signal and fading. 9/29/12 (Handler-IL)

- 15505 **BANGLADESH *Bangladesh Betar*** \*1358-1432\*.IS at 1358. Time pips at 1359:18 followed by announcements in Urdu by woman. Low audio talk by man at 1401. Talk by woman at 1408. Local vocal music at 1411 with short announcement by woman at 1415. Closing announcements by woman at 1429, then carrier with hum until 1432 tune out. Initially poor signal strength with a small amount of fading, improving to moderate strength by 1420. 9/11/12 (Evans-TN) Also 1358 w/IS several times, flutter, big hum and buzz/rumble atop, time signal one second late after 1400:00. 1419 good with music; pause between cuts at 1421 allows the hum to come up for a moment, finished at 1430 but noisy carrier stayed until 1430:30\* 9/26/12 Also 1358 BB is on with IS, poor signal, 1400 times signal is only 2 sec. late, opening Urdu; music audible at 1424 on 10/2/12. Also 1358, BB IS is playing, good signal, one of the best so far from them, as the transpolar path is working well. 1400 time signal only 3 sec. late, opening Urdu, news; 1416 check, now with vocal music on 10/3/12 (Hauser-OK) Also heard 1402-1429\* tune-in to subcont music. Listed Urdu programming. Test tone at 1428 and off at 1429. Fair. Then \*1513:35-1545\* tune-in to test tone at 1509. Sign on at 1513:35 with IS. Into listed Hindi programming with talk at 1515:30 and subcont music. Fair. 10/5/12 (Alexander-PA)
- 15540 **KUWAIT *Radio Kuwait*** 2055 good with western pop music; but //17550 very poor in Arabic music, the MUF somewhere in between on 9/29/12 (Hauser-OK)
- 15725 **OPPOSITION *Voice of South Sudan Revolutionary Radio*** 0531 emphatic speech in non-English, poor signal from. 9/29/12 (Hauser-OK)
- 17605 **AUSTRIA *AWR*** 1430 English ID introducing Afar, VG signal, then nice HOA music. 10/4/12 (Hauser-OK)
- 17615 **SAUDI ARABIA *BSKSA*** (presumed) 1540-1545, announcement. Chanting. JBA. 10/14/12 (Handler-IL)
- 17625 **SAUDI ARABIA *BSKSA*** at 1333, big hum buzz upon poor signal in Arabic talk 10/13/12 (Hauser-OK)
- 17680 **GUAM *KSDA*** 1304, very poor signal in Cambodian. off by 1330. 9/26/12 (Hauser-OK)
- 17745 **OPPOSITION *Sudan Radio Service*** via Woofferton UK on a few seconds before 1500, sign-on announcement by echoey YL seems already in progress. Nothing in English except for the occasional word or term "Sudan Radio Service", "shortwave", "EDC, USAID". Usual mix of Arabic talk and music segments. 1534 children's choir; 1601 theme and address, credits, but not fully in English. Reception is declining from initial fair signal. I believe they finally went into English at 1630 when it was poor noted final QRT at 1659:30\*. 9/25/12 (Hauser-OK)
- 17800 **THAILAND *RFE/RL*** 1238 Russian. male announcers presumably with the news. Fair-good signal. 9/30/12 (Handler-IL)
- 19000 **AUSTRALIA *Radio Australia*** 0159 noted with highlights of upcoming features, ID and news in English. Fair. 9/14/12 (Bueneman-MO)
- 21540 **KUWAIT *Radio Kuwait*** 1434 has built up to very good signal with Qur'an 10/4/12 (Hauser-OK)
- 21590 **CYPRUS/CHINA *BBC*** WS 1310 w/CNR1 jammer in Mandarin talk, atop also audible BBC Uzbek 9/25/12 (Hauser-OK)
- 21780 **RWANDA *Deutsche Welle*** 1258, the original "Goldfinger" theme is sung in English, 1300 DW opening Hausa with ID. Before 1300 it was the tail of the French service, Shirley Bassey's (almost) original version. 10/5/12 (Hauser-OK) 

## NASWA Flashsheet

Are you getting the latest hot information about what is happening on the short-wave 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.

<[www.ontheshortwaves.com](http://www.ontheshortwaves.com)> Update, September 23, 2012 -- Under "Specialized Resources," "Radio Postcards," we have posted a file with seven views of Cuban radio stations. Top to bottom: Cards (1) and (2) show views of PWX, owned by the Cuban Telephone Co. Founded in 1922, it was the first commercial broadcasting station in the country. The top card is actually an applause card, pre-printed with the station's address so that listeners could comment on the programs. Cards (3), (4) and (5) are views of the towers at the U.S. wireless station at Guantanamo Bay. (The first is postmarked 1911.) Card (6) is a view of the headquarters building of the big Cuban broadcast network, CMQ. And the last card (7) is an advertising card promoting Bacardi rum and Cuban station CMKG-COKG (mediumwave-shortwave). -- Also posted this time under "Specialized Resources" are two new "Wavescan" entries from Dr. Adrian M. Peterson: "The VOA Relay Station In Schenectady, New York, Pt. III" (September 9, 2012), and "Ancient DX Report 1899" (September 16, 2012).

<[www.ontheshortwaves.com](http://www.ontheshortwaves.com)> Update, September 30, 2012 -- In 1922, France inaugurated a point-to-point transmission center which was the country's answer to RCA's Radio Central at Rocky Point, Long Island, which had opened the previous year. It was at Saint-Assise, 25 miles southeast of Paris, and under "DX History/Stations" we have posted many postcard views of the installation. Principally a longwave station, it was at first divided into two parts. The continental station, designed to serve Europe, could put out up to 100 kw. power, while the transcontinental station could operate at 200-1500 kw. A shortwave transmitting capability was added later, and a receiving station was located at Villacresnes. The aerial structure included 16 towers, 44 miles of cable, 50 miles of copper ground wire, and a mile-square's worth of copper plates. The postcards are in four files. (1) The first contains three outside views of the administrative facilities, a view of the transcontinental (left) and continental (right) stations and antenna farms, and a view of one of the tower bases; (2) the second contains four views of the transcontinental station; (3) the third contains six views of the continental station; and (4) the fourth contains three views of the shortwave station. -- And under "Specialized Resources," "Wavescan," another entry from Adrian Peterson: "The Olympic Games on Shortwave" (September 23, 2012).

<[www.ontheshortwaves.com](http://www.ontheshortwaves.com)> Update, October 7, 2012 -- Last time we presented some postcard views of the high-power radio center at Saint-Assise, France. Among the business handled at "Radio-France," Saint-Assise, was telegram traffic. This time, under "DX History/Stations," we have posted a French-English promotional pamphlet that "Radio-France" made available to those wishing to send telegrams. It includes a list of corresponding stations in other countries, rate information, and three blanks for composing telegrams. (Some of the stations listed were also known to carry some broadcast programming, including Transradio Internacional in Argentina, Amalgamated Wireless in Australia, and Transradio Espanola in Spain.) -- And under "Specialized Resources," "Wavescan," you will find another entry from Adrian Peterson: "A Century of Wireless Development: The Long Story of a Maritime Wireless Station 'Down Under'" (September 30, 2012).

<[www.ontheshortwaves.com](http://www.ontheshortwaves.com)> Update, October 14, 2012 -- TI4NRH was the historic Costa Rican shortwave station that came on the air in 1928 and was widely heard during the 1930s. This time, under "DX History/Stations" we have posted a file containing three envelope stuffers from TI4NRH. The first is a short message from the station's friendly owner and founder, Amando Céspedes Marin. The second is a 4-page pamphlet, "The Voice of Costa Rica." The third is another 4-page pamphlet, this one issued in connection with the May 1938 celebration of the station's tenth anniversary. During that month, TI4NRH broadcast a series of 31 special programs, each dedicated to a particular station, club, publication or person in the shortwave world. The pamphlet lists the honorees and their connection to TI4NRH. -- And under "Specialized Resources," "Wavescan," you will find a new posting with two stories from Adrian Peterson: "Australian Olympic Radio: 1956 Summer Games," and "World's First Jamming Transmissions" (October 7, 2012).

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