

# The **NASA** Journal

VOLUME XLXII NUMBER 8

AUGUST 2012



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■ This radio may also be purchased separately.



**GRUNDIG**  
S450DLX

**GRUNDIG** G3



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S450DLX

Order #5450

\$99.99

The Grundig G3 *Globe Traveler* is an innovative portable radio covering long wave, AM, FM (stereo to earphone jack), continuous shortwave plus the VHF aircraft band. It features dual conversion AM/SW circuitry for exceptional sensitivity and image rejection. It offers S.S.B. - Single sideband reception. It has a large 700 channel memory system with memory scan and auto tuning storage. Memories may be labelled up to 8 characters. Unlike other portables in its class, the *Globe Traveler* offers Synchronous Detection. This special feature addresses the issue of selective fading and adjacent channel interference on shortwave. Other enhancements include: Wide/Narrow selectivity, auto search, RDS, signal indicator, Local/DX switch, direct frequency entry and 24 hour clock with four alarm timers. It has an external antenna jack and a Line In/Out Jack. Requires four AA cells (not included). If four NiMH AAs are inserted, they may be recharged inside the radio. Supplied with manual, protective pouch and AC adapter/charger. 6.62 x 4.13 x 1.1" 13 oz.

G3 *Globe Traveler* Order #4033

\$149.95

**GRUNDIG** G2



The Grundig G2 *Reporter* has a unique slender design with dual stereo speakers. It receives AM, FM, FM stereo and continuous shortwave from 2.3 to 23 MHz. 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. It 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.

G2 *Reporter* Order #5002

\$149.95

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We open this month with some club news. **Harold Cones** has stepped down as Editor-in-Chief but will continue his affiliation with NASWA as a regular member (since 1983). Harold was an important part of the design team that developed "NASWA for the Nineties" in 1990. Harold started in the short-wave radio hobby back in 1956 and has verified 249 countries although time behind the dials has suffered in recent years. He was also part of the Gang of Three (along with **Bob Brown** and **Kris Field**) that created the Winter SWL Festival 25 years ago. Over the years, he co-authored six books with **John Bryant**. Although recently retired Harold still maintains a busy schedule teaching on cruise ships. Harold has been a close advisor to me and the club on many matters as well as an active member of the club's Executive Council. We will miss his contribution to managing the club but wish him well with whatever he will do in the future.

Radio Free Asia (RFA) announced its 46th QSL card scheduled for distribution for all confirmed reception reports dated July-August 2012. This QSL card commemorates the 2012 Summer Olympiad in London, England which began July 27 and runs through August 12, 2012. The Games have always brought people from around the world together in peace to respect universal moral principles. The card shows an adaptation of the graphic of Radio Free Asia's Olympic pin, as created by RFA's **Brian Powell**, which was originally used for the 2008 Beijing Olympics. This latest version adds a bearskin which is traditionally worn by the British Foot Guards. RFA welcomes all reception report submissions at [www.techweb.rfa.org](http://www.techweb.rfa.org) (follow the QSL REPORTS link). Reception reports are also accepted by email at [qsl@rfa.org](mailto:qsl@rfa.org), and for anyone without Internet access, reception reports can be mailed to:

Reception Reports, Radio Free Asia, 2025 M. Street NW, Suite 300, Washington DC 20036, USA.

Here is a reminder that the 19th annual Madison-Milwaukee Get-together for DXers and Radio Enthusiasts will be held on Saturday August 18, 2012, beginning at 1:00 PM CDT. This year's location is Madison, WI with hosts **Bill and Nina Dvorak**. For more information, please e-mail Bill at [dxeak@aol.com](mailto:dxeak@aol.com) (please include "Madison DX GTG" in the subject line), write him (3358 Ridgeway Ave Madison WI 53704) or if you prefer call (608-244-5497). Bill notes that "Participation by NASWA members is strong every year for this event and this year should be no exception. We hope you can join us!" Although I am unable to attend this year due to a conflict, I have attended a few of these over the years and it is a great time. There are always a gang of NASWA members present. This is a good time so attend of you can.

Also, don't forget about the National Radio Club's annual gathering with the WTFDA in Bridgeport, WV on August 3-5 at the Days Inn and Suites (112 Tolley Drive). The registration fee will be \$45.00 and \$25.00 for spouses/ significant others. This includes the Saturday evening banquet, snacks and drinks in the hospitality room. Reservations for hotel rooms (\$79.94 including tax for 1-4 adults in a room) at 304-842-7371 before July 20, 2012 mentioning the National Radio Club. Mail registrations to **Bill Swiger** (1 Casey Lane, Bridgeport, WV 26330-9454). Questions to [ridgeradio@cebridge.net](mailto:ridgeradio@cebridge.net).

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

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*Please e-mail musings to jerrylineback@comcast.net. Next deadline is June 27. Please keep your musings as short as possible due to page limitations. Thanks to contributors.*

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

The good news this month is no further announcements from international shortwave broadcasters about cutbacks in our favorite broadcast medium. After June's multiple announcements and terminations (Radio Canada International, Radio Netherlands and Vatican Radio) it was good to have a quiet month. The return of Papua New Guinea on 6040 kHz was at least some good news although not that much. I hope the PNG on 6040 kHz is still active when the new DX season arrives because, I suspect, reception on the east coast would not happen this time of year. As long as they are still active when the first French Creek DXpedition takes place, I should be able to grab reception of that PNG outlet.

Radio Japan - Santiago, Chile verified with a full data Portuguese language "Under the Trees" (Nagano Prefecture) card, also received was Schedule and Frequencies, another blank "Let's see which of us is taller" postcard and a picture of the Portuguese language staff. Two verifications from the Rhein-Main-Radio-Club for their special broadcast after the EDXC Conference. Rhein-Main-Radio-Club EDXC special broadcast via Sitkunai (100 KW) verified an electronic report with a full sized PDF attachment that provided broadcast schedule but not specific reported details from Dr. Harald Gabler, RMRC CEO. Two days later, a full data (name, date, time listened, frequency and site) Word 2003 document reply from Michael Haun, RMRC Treasurer for my report to their website noting in his e-mail that my report was "highly appreciated and confirmed". Shortly thereafter, Rhein-Main-Radio-Club via Sitkunai verified an electronic report presumably to their website with a full data European DX Conference meeting room card with date and time hand written in appropriate place and incorrect frequency (6180) crossed out. I did not expect a postal reply after the previous week's electronic response. Finally, the BBC Indian Ocean Relay Station - Mahé replied to a direct letter to the station with a date only confirmation letter from Jose Tambara, Senior Engineer (jose.tambara@babcock.sc). Jose notes that they "have two Marconi 250kW B6131 transmitters using Pulse Width Modulation. Antenna systems are six Marconi 4 band arrays strung across four towers. Although sent by airmail, the letter took quite a beating in transit. We broadcast real time programs received from London via Satellite." That's it from Wyomissing! 73, Rich

**Via Chuck Rippel, "Charles Rippel" lantareamon@gmail.com.**

In our past conversations, some lengthy, that's what John (see below) mentioned was being discussed. At that time, John was not sure if "all Drake servicing" meant Drake products, or also the Sat 800, but we both feared that would be the case. At this time and in the past, Eton (USA) provided Drake and John's team and parts department, with the Sat 800 replacement parts and copies of the known 800 service manuals. The word from Eton is that another qualified Grundig Sat 800 service group would be selected, as there was and presume still is a go-to list. Last but not least, those who know John Kriner know the class-act person that he is. Hopefully John or someone of his caliber will continue to be knowledgeable and involved in future Sat 800 endeavors. Stay tuned, as it is likely going to get somewhat Sat 800 exciting. Joe, info(at>windowgroup(dot)com.

In Satellit800@yahoogroups.com, "Roger Grandbois" <rgrand@...> wrote: Original Message From: Bill Frost To: draker8@yahoogroups.com: Subject: Drake Repairs. Hello, I just spoke to John Kriner, at Drake, and he advised that ALL repair of Drake amateur and

shortwave products has ceased. He has sent requests for changes to their web master, however the changes have not made it to the web site as yet.

If you need repair service of a Drake product or a need a Drake part, contact John at home, jkriner@..., he may be able to assist you or refer you to someone that can assist you. Tnx & 73, Bill

#### **Via Glenn Houser, OK.**

In the July Musings, Bob Fraser, Belfast, ME, reported: "My neighbor, Jerry Biladeau, told me that he was just watching a real estate program on TV when a picture of a radio station flashed on the screen. It was WBCQ up for sale around \$3 million. There is a WBCQ-FM at Monticello, but Jerry is sure this station was at Greenbush, the SW transmitter."

Glenn says, "Greenbush was the site of the long-defunct WCSN/WVHA/WHRA, not WBCQ! So did he see the WBCQ call letters on the item, or a reference to Greenbush? WBCQ-FM is on 94.7 since August 15, 2008, says FCC FM Query. I asked Allan Weiner about this, but no reply so far." (Glenn Hauser, DX LISTENING DIGEST)

"I suspect Jerry got his info confused. I've heard nothing at all about this and seriously doubt it's true." Lw (Larry Will, MD, DX LISTENING DIGEST)

*A little checking by ye editor turned up nothing other than the fact that many AM-FM stations are up for sale in Maine and elsewhere. That is all for this month. 73, Jerry.*

### **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.

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### **Contribute!**

Send your loggings and QSL information off to our Distributing Editor, **Bob Montgomery** (Address: 86 Pumpkin Hill Road, Levittown, PA 19056). He will forward them to the appropriate editor. Remember, Bob also distributes QSL report information and totals for the **Scoreboard** column. He can also be reached through the Internet at: **rmonty23@verizon.net**.

# Easy Listening

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

## All India Radio improves website; will improved program access follow?

When you step back and look at those English language international broadcasters that have not established any sort of Internet audio presence, the largest that comes to mind is the General Overseas Service ("GOS") of All India Radio.

By their own admission, **All India Radio** doesn't consider North America to be a strategic target for their programming, so they haven't put much effort into establishing relays or frequency selections specifically to target the area. However, especially during the cooler months of the year, All India Radio does reach the east coast of North America reasonably well.

The overall All India Radio website has been freshened, at <http://allindiaradio.org>, and the GOS has add its own blog, located here: <http://gosair.blogspot.com/>. A March 2012 post to the blog lists some of the programming unique to each day:

**Sundays:** *Women's World* (weekly); *Times and Lives*, *Discussion*, *Feature*, *Of Films* (rotates weekly each month)

**Mondays:** *Faithfully Yours* (weekly); *Economic Review*, *Health for All* (alternating weeks)

**Tuesdays:** *Cultural Talk* (weekly); *Of Persons*, *Places & Things*, *Our Guest* (alternating weeks)

**Wednesdays**, once each month unless otherwise indicated: *From AIR Archives*, *Science Scan* (2x per month), *Book Reading*, *India & the World* (5<sup>th</sup> Wednesday only), *Film Story* (2x per month), *Sports Roundup* (2x per month), *Announcer's Choice* (5<sup>th</sup> Wednesday only)

**Thursdays:** *Movie Masala* (1<sup>st</sup>, 3<sup>rd</sup>, 5<sup>th</sup> weeks), *Panorama of Progress* (2<sup>nd</sup>, 4<sup>th</sup> weeks)

**Fridays:** *Focus* (1<sup>st</sup>, 3<sup>rd</sup>, 5<sup>th</sup> weeks), *Horizon* (2<sup>nd</sup>, 4<sup>th</sup> weeks), *Radio Newsreel* (weekly)

**Saturdays:** *Incredible India* (1<sup>st</sup>, 3<sup>rd</sup> weeks), *Indian Cinema* (2<sup>nd</sup>, 5<sup>th</sup> weeks), *Cultural Roundup* (4<sup>th</sup> week), *For The Youth* (1<sup>st</sup> week), *Producer's Choice* (2<sup>nd</sup>, 5<sup>th</sup> weeks), *Indian Music Various Facets* (3<sup>rd</sup> week), *Best of AIR* (4<sup>th</sup> week)

In addition to these feature programs, the GOS features news bulletins, commentaries and reviews of Indian press, interspersed with music items of various genres, including film songs, Indi-pop, Hindustani classical music (vocal & instrumental), Carnatic classical music (vocal & instrumental), regional & folk music, and also devotional music of different varieties.

## While Radio Netherlands in English may be kaput, Euranet lives on

Radio Netherlands was one of the founding organizations behind Euranet, a consortium of European broadcasters responsible for producing radio programming and web content across the multiplicity of languages spoken in European Union countries. While Radio Netherlands no longer produces Euranet content, there still remains a weekly English language program focusing on various pan-European initiatives and other features produced by member broadcasters, with a weekly *Network Europe* feature produced by the British community radio station Siren FM. There are other individual features also available. The best place to find English language programming from Euranet is <http://www.euranet.eu/eng>.

This isn't exactly hard news in the tradition of the old DW program *European Journal* or the BBC's *Europe Today*, but it's an interesting survey of stories from around the EU's member countries.

## **Newsday launches on the BBC World Service**

I mentioned this program last month — and *Newsday* launched this week as the Olympics began. I was wrong on one count — apparently *Newsday* will be in the programming lineup that US public radio stations air when they air BBCWS programming overnight. I had expected the BBC to offer *World Briefing* — a more generic news and analysis program — to USA audiences at this time, but apparently not — which suggests this new program provides some cost-savings benefits back to the BBC.

The airing of *Newsday* in the USA's public radio package is surprising, to me anyway, because the program is definitely designed to appeal to a breakfast audience in Africa — while the program content is global in scope, much of it is tailored to interest this African audience; the program is also "chattier" than its predecessor, *The World Today*, much like the NBC TV program *Today* is less formal than the *NBC Nightly News*; while this might be due to the imminence of the Olympics, the program certainly seems watered down in terms of "real" news vs. what one came to expect from *The World Today*.

I am guessing that *Newsday* is trying to wrest listeners away from the VOA breakfast program to Africa, *Daybreak Africa*, which targets the same audience but runs only 30 minutes of the hour.

## **Radio Australia — Still a worthwhile listen on shortwave**

NASWA member Grayson Watson posted this musing on Radio Australia at the NASWA Yahoo Group the other day; I thought I'd reproduce his comments here for those who aren't part of the Yahoo Group.

*I listen almost every morning to Radio Australia—my habit for several decades. Tuned 9580 kHz at 1115 GMT (6:15 a.m. CDT, Dallas). Heard the regular news summaries and several important political stories throughout my listening time, both on the international scene (London Olympics, Syria crisis, etc.) and the Asia/Pacific region itself (China, Papua New Guinea, Indonesia and Vanuatu, etc.). But where else would one hear extended reports on the launch of a "rock music school" in Kabul, Afghanistan (story began at 1145 GMT), and later, beginning at 1230 GMT—on the program segment called "Future Tense"—a report on "Smart Cities"—a proposed smart way of developing life in our cities that is healthy and sustainable. In an interview with a Prof. C.J. Lynn of London we heard about "urban farming"—actually raising food in urban environments, realizing that "food security" will become a growing issue worldwide. All rather fascinating, intellectually stimulating, and all on shortwave! Grayson Watson, Dallas, TX using a Sangean 909x with an Apex Radio 700DTA antenna.*

Thanks, Grayson — and if you have a program or broadcaster you think is worth a listen, either post it directly to the NASWA Yahoo Group or send it over to me and I'll run it in the column.

## **Other sources for interesting radio: iTunes**

In this new multi-platform world, I always am looking for new sources of audio programming that provide the diversity of sounds and interesting subject matter that first brought me to shortwave. While public radio stations offer a diverse range of programming that fills the bill, there are independent organizations — that you would not consider as "broadcasters" in the classic concept — that produce interesting programming from a global perspective.

Apple Computer's online *iTunes* storefront has a variety of programming that fits this perspective. I've found that most of these programs are listed in the classification of *News and Politics* within the *iTunes* store. The easiest way to get there is to search the

iTunes store for "news and politics" and then click the "News and Politics" classification link when it appears in one of the listed podcasts. You'll then be presented with a *New & Noteworthy* listing of podcasts as well as a classification titled *What's Hot*.

Examples of program titles holding promise: *The Economist*, *PBS Frontline*, the *World Affairs Council of Northern California*, also the *World Affairs Council of Dallas*, the *Third Coast International Audio Festival*, *Alaska World Affairs Council Presents*, the *Council on Foreign Relations*, *KCRW's Left, Right and Center*, *New Yorker: Out Loud*, *The Aspen Institute*, and *Fareed Zakaria GPS*.

Are any of these worth your time? Tough to say...try out a couple and let me know via the contact alternatives listed at the top of the column.

If you are anti-Apple, you could likely take any of the terms listed above and drop them into Google and find the programs that way, or use another podcast directory.

### **What if you don't have your own computer or Internet access? Consider your local library and a digital music player...**

A portion of NASWA membership has neither made the investment in a personal computer nor has arranged for at-home or at-work access to the Internet. Does that mean this new world of online programming access is not available to them? Not necessarily — with an investment of \$40 or thereabouts, you can take advantage of programming available on the Internet via your local public library.

Many libraries in the USA provide wireless Internet access to those who bring their own laptop computers, but these libraries typically also have computers that patrons

can access free of charge on either an as-available basis or by reservation. Many of these libraries have policies that allow patrons to connect their own digital storage devices to these computers and transfer downloaded material to them.

A digital music player, such as the SanDisk Sansa Clip+, can easily connect to a library computer and function as one of these "storage devices", downloading MP3-formatted files. You can then connect a pair of headphones to the digital music player and, voila, you can listen to programs that you used to listen to via shortwave. Admittedly, these programs aren't live, but you can then pause and re-start them as your schedule allows. Even the lowest-price Clip+, with 1 GB memory capacity, can hold 15-30 hours of programming, and will set you back only \$30.

As for content, many of the traditional international broadcasters that remain alive in some form (e.g. BBC World Service, Radio Australia, Deutsche Welle, Voice of Russia, China Radio International, Radio France International) make much of their programming available for download and transfer to a digital music player.

Yes, this approach is certainly a pain vs. simply switching on a bedside shortwave radio, but at least it's a way to re-connect with the stations you used to listen to, and you don't need to necessarily own a computer or a connection to the Internet yourself to make it happen.

If you're interested in knowing more about this concept, drop me a note and I'll add some details.

That's it for August — hope the rest of your summer is enjoyable!

73 DE Richard



# International Broadcasting

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

## RNW is still in post-shortwave transition

The Radio Netherlands Worldwide website looks much the same as it did before. A box in the right column says: "RNW in transition. Radio Netherlands Worldwide is currently shifting its focus from Dutch news to free speech." There are still references to program and transmission schedules, some leading to outdated information, some leading to blank spaces.

Vestiges of old RNW content remain. One is the radio program "Earth Beat," whose July 20 edition was on the subject of goodbye — "stories from the departure lounge of life." Actually, host Marnie Chesterton said that program was the "penultimate ever," so there is — was — one more in that series after my deadline for this column. It was also interesting that the show started with a teaser, then broke for the news (unheard in the stream). There is still news on RNW? Or is that the news on affiliate stations? Meanwhile, RNW's "The State We're In," with host Jonathan Groubert, continues, at least for now.

Marco Hochgemuth wrote in the RNW website about "Radio Netherlands Worldwide 3.0": "Unfortunately, the era of globally available RNW has passed. Luckily, there's reasonable freedom of speech in many countries and people living there will no longer have access to RNW. The company will target four areas of the world where free speech is doing less well: sub-Saharan Africa, the Middle East and North Africa, China and Central America. RNW will concentrate on three central themes: democracy, human rights and sexual rights. RNW will also home in on a new target audience: people from 15 to 30 — students and young professionals." So I'm on the wrong continent, and much too old, for RNW 3.0.

Radio Netherlands Worldwide, 30 June 2012, Eric Beauchemin: "The Radio Netherlands' relay station on the Caribbean island of Bonaire lies a few hundred metres off a narrow road. A white patch on a rock is a reminder of the dynamite that was used to make enough room to get the transmitters to the site. The last regular shortwave transmission from Bonaire was on 30 June. Radio Netherlands Worldwide (RNW) started building the station in 1968 to improve reception for Dutch people living in North, Central and South America as well as New Zealand and Australia. The relay station, with two of the world's most powerful transmitters (300 kW) at the time, was officially inaugurated a year later. From July 1, Bonaire will broadcast a one-hour Spanish language programme, La Matinal, to Cuba, Venezuela, Mexico and the rest of the Caribbean. Dutch-language transmissions to Surinam will also continue for the time being. From October 28, RNW will hire airtime from another — as yet unknown — broadcaster. The Bonaire relay station will then be dismantled. All that will remain is a field." Video report at [www.rnw.nl/english/video/farewell-rnw-shortwave-broadcasts-bonaire](http://www.rnw.nl/english/video/farewell-rnw-shortwave-broadcasts-bonaire).

## RCI retains The Link, and a link to old radio content

The Radio Canada International site ([rcinet.ca](http://rcinet.ca)) also still looks much like it did in the shortwave days. The link to Russian on the home page is gone. The English program "The Link" continues with the entire remaining English team: Wojtek Gwiazda, Lynn Desjardins, and Marc Montgomery.

The link Other Seasons at the top of the English home page leads to some of the programming from RCI before it quit shortwave. This includes Marc Montgomery's tearful "historic farewell." It also has the last "Maple Leaf Mailbag," which was not broadcast on June 24 (the previous show

was) because of "technical glitches." The real last MLM was rather political and contained much discussion of the demise of radio on RCI. Also many messages from listeners. The program is worth listening to.

### "Loving appreciations" of Bush House

BBC News, 12 July 2012: "The BBC World Service has broadcast from Bush House in central London for the last time later. The final news bulletin was read at 1200 BST from the building that has been the broadcaster's home for more than 70 years. It included a special dispatch recorded by the BBC's director general, Mark Thompson." Story and video at [www.bbc.co.uk/news/entertainment-arts-18810309](http://www.bbc.co.uk/news/entertainment-arts-18810309).


The Telegraph, 12 July 2012, Rob Crilly: "Of course, the sad truth is that a once great institution has been ripped apart by years of BBC bean counters followed by a Government which has imposed millions of pounds in cuts. I still listen to the World Service but often with gritted teeth. Programmes are repeated so frequently that I can sometimes turn off the same show three times in a day. The entertainment shows have largely gone, replaced by a never-ending stream of identikit news programmes. Listening through the day is now only possible for goldfish, such is the repetitive nature of the programming. And worst of all, I now have to endure a phone-in show – surely the most obvious sign of a cash-strapped broadcaster (imagine Talk Sport discussing worthy topics such as circumcision or the future of nomadic herders while presenters, who would clearly rather be making proper radio programmes, have to fill air time as yet another call from Kinshasa goes down, and you'll get the idea) – as I try to fall asleep."

The Guardian, 13 July 2012, Rupert Sawyer: "Yesterday, a large group of overpaid left-wing grumblers and xenophiles packed their sandals, beard-trimmers and phrase-books and moaned every step of the 31-minute walk (1.5 miles according to my sources) from the Strand to Portland Place – to be honest, if the BBC were paying, they probably went by limousine. But the great

injustice was not that these dinosaurs of shortwave radio (and similar) were dragged kicking and screaming into the 21st century to the new Broadcasting House, it's that the taxpayer is forced to continue funding this whacky 1930s fad at all."

Business Day, 17 July 2012, Kaye Whiteman: "All the loving appreciations of Bush House have tended to go for the ghosts of the bar and the canteen (reputed to have featured in George Orwell's 1984); or its East European role – all have mentioned Georgi Markov and the poison umbrella; or its valiant achievements in World War II did in the war (I recall taking my boss in the Commission in Brussels in the 1970s, Pierre Cros – a former fighter in the French resistance – to see the studio in which General de Gaulle had made his famous broadcast of June 1940). None have mentioned the Africa Service, which seemed to me to be experiencing a heyday when run by the tandem of George Bennett and Israel Wamala, presiding over the twin beacons of Network Africa and Focus on Africa, compulsory listening for so many. It seemed then sustained by those incredible Ghanaian divas Elizabeth Ohene and Ofeibia Quist Arcton. I must put in a word for the language services – in Africa this included notably Somali and above all Hausa. This is still essential listening over all of Hausaphonie, which includes not just much of Northern Nigeria but also a substantial part of the Niger Republic. At times when both Nigeria and Niger were under dictatorships, the Hausa service was an essential voice of free expression."

The Guardian, 16 July 2012, letter from Alex Brodie, ex-BBC foreign news journalist: "Jonathan Freedland is right to fear for the survival of the Bush House ethos. It is, simply put, to try to report the world with no national bias, as if from an orbiting satellite, thus getting Britain in context. On this is based the BBC's international reputation. This ethos will not survive unless it is carefully protected and understood, within the wider BBC, which it often has not been."

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

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## Trends in tropical bands broadcasting 2012

by Anker Petersen, editor of the Domestic Broadcasting Survey

Since DSWCI published the first Tropical Bands Survey in 1973, I have registered which stations are active, based upon loggings from our members and other DX-ers around the world. Here is an updated status where Clandestine and Pirate stations not are included.

### Active domestic transmitters on 2200 – 5800 kHz

Region	1973	1985	1997	2009	2012
Central Africa	102	76	40	18	11
Southern Africa	57	39	33	20	19
Middle East	9	4	1	0	0
Indian Subcontinent	62	45	45	29	24
South East Asia	40	29	21	4	2
Indonesia	171	105	65	13	7
China, Taiwan, Mongolia	119	110	75	32	24
CIS (former USSR)	61	59	47	7	6
Far East	38	28	28	9	10
Papua New Guinea	17	20	20	15	13
Australia and other Pacific	10	4	13	8	13
Central America, Mexico	21	23	24	5	4
Caribbean	29	3	3	2	2
Northwestern South America	98	41	19	3	2
Ecuador	47	33	22	5	4
Peru	78	69	78	28	18
Bolivia	35	42	25	14	8
Brazil	107	87	67	35	33
Southern South America	5	2	1	0	0
Total	1106	819	627	247	200

During the past year the previous trend, that Tropical stations slowly disappear, continued throughout the world. The reason is, that other media get higher priority, than keeping elderly Shortwave transmitters alive. The only exception is the Pacific area where a few private, low-powered stations have been added.

But to continue this constantly falling trend, around year 2022 most of the stations will have left the tropical bands!

These stations on the Tropical Bands have closed down during year 2011-2012:

<b>kHz</b>	<b>kW</b>	<b>Station</b>	<b>Country</b>	<b>Last log</b>
3145	100	WWRB, Manchester, TN	USA	FEB11
3250	50	PBS, Pyongyang	Korea, North	MAR11
3250	50	Voice of Korea, Pyongyang	Korea, North	SEP11
3380	100	BBC via Meyerton	South Africa	MAR11
3560	200	Voice of Korea, Pyongyang	Korea, North	MAY11
4860	50	AIR Delhi A, Kingsway	India	MAR12
4920	-	RRI Biak, Propinsi Papua	Indonesia	FEB11
4975	10	Fujian PBS, Fuzhou, Fujian	China	MAR11
5015	50	AIR Delhi, Kingsway	India	MAR12
5015	20	Türkmen R, Asgabat	Turkmenistan	JUL11
5030	10	RTM, Kuching-Stapok, Sarawak	Malaysia	JUN11
5035	1	R Centrafricaine, Bangui	Central African Republic	MAR11
5059,9	-	Voz de las Huarinjas	Peru	FEB11
5060	10	Voice of the Broad Masses	Eritrea	MAR11

Furthermore it has been noted, that the clandestine Pyongyang Branch of the Anti-Imperialist National Democratic Front on 3480, 4450 and 4557 kHz also has been off the air since FEB11.

## **EDXC Conference in Germany, 30. May– 04. June 2012**

by Anker Petersen.

This EDXC Conference was organized by Dr. Harald Gabler (RMRC), Robert Kipp (RMRC/DSWCI) and Bernhard Hein (DSWCI). They had found an excellent venue at Hotel Landgut Ochsenkopf in the forest of Dübener Heide in Sachsen.

45 DXers and spouses from Japan, Russia, Finland, Sweden, Denmark, United Kingdom, The Netherlands, France, Italy, Austria and Germany participated in this international meeting.

The Conference was opened at 1000 on Thursday 31. May by Dr. Harald Gabler with a glass of sparkling wine under the flag of the EDXC.

After that the group had an excursion to the beautiful Wörlitz Park (UNESCO site) in Anhalt, where we walked around and had a very enjoyable sailing in two rowing boats.

At 1600 the Secretary General Tibor Szilagyi officially opened the EDXC 2012 Conference.

He is resigning by the end of 2012 and pointed out, that he during the past six years has concentrated his efforts in organizing the EDXC Conferences in Lugano, Vaasa, Dublin, Ankara, Bulgaria and now in Germany.

Then Dr. Harald Gabler held a provocative opening speech:

“EDXC yesterday - today - and tomorrow?” which pointed out, that the original purposes of the EDXC have been fulfilled and that EDXC as an organization is no longer needed! But the Clubs are invited to organize future international Conferences.

Then Michael Schmitz (ADDX) gave a presentation about: “Perspectives and Challenges for SWL Clubs in a new Age”.

Michael said, that the good times from the 1970'ies and 1980'ies have been replaced by new media with a decreasing number of shortwave, mediumwave and satellite frequencies. The young people are just as curious, as we were, but they seek their news and entertainment via the internet.

At 1700 some participants had an excursion to the Amateur Radio Club in Dessau to see their 10 diameter parabolic antenna for Moon-Bounce.

After dinner, Mr. Bernd Reuter presented the new receiver "RDR50" from the B. Reuter company. It has reduced the selfproduced noise and intermodulation practically to zero and concentrates listening to audio on a 7 Hz bandwidth. It is very advanced, but also very expensive.

At 2130 began a very unique presentation by German DXer Manfred Rippich about: "My Travels in the South Atlantic" with many visits to Saint Helena, Tristan da Cunha, the Falkland Islands and Ascension Island.

On Friday, 01. June at 1000-1230 we had a lively discussion about EDXC matters. Tibor Szilagyí asked for a new Secretary General who is younger, IT-minded and has focus on MW and FM. A candidate was found during the Gala Dinner.

Most participants were in favour to continue the EDXC as an organization which e.g. can support the EDXC Conferences. The present membership fees are low.

Former Secretary General Jyrki Talvitie is at the moment trying to translate the Finnish Landlist to an updated EDXC Landlist.

There was general agreement, that the EDXC Conferences should continue to be held at different places around in Europe in order to invite local DX-ers and in their own languages. It is important to select the right time to keep the expenses low.

Finnish DXer Mika Palo, who lives in Portugal, has indicated, that he can organize the EDXC Conference in 2013 at Figueira da Foz west of Coimbra in Central Portugal. Alexander Beryozkin said, that an EDXC Conference in 2014 near St. Petersburg was another possibility. Risto Vähäkainu, Finland, stated, that FDXA intends to host the 50<sup>th</sup> Anniversary EDXC Conference in year 2017.

The Chairman of FDXA, Kari Kivekäs, stressed, that the EDXC is just a small coor-

dination team which needs close cooperation between its member Clubs. It is important to attract younger people by having interesting webpages.

At 1400 an excursion to Lutherstadt-Wittenberg, where Martin Luther had his residence from year 1508 till his death in 1546 and initiated the ideas of Reformation. We visited the Schloss-kirche, the Stadtkirche and the Lutherhaus (UNESCO-sites).

Back at the hotel, the DSWCI and the Finnish group had their traditional, informal dinners.

At 2100 Dennis Walter and Thomas Möller from the company Bonito gave a presentation of the new "RadioJet" receiver. It is much cheaper than the RDR50 from Reuter (503 Euro plus tax) and has fantastic audio possibilities, but is not widescreen.

On Saturday, 02. June, there was an excursion to the famous Bauhaus buildings from 1925 in Dessau which architecture became an icon for modern architecture (UNESCO site).

At 1500 The Danish Shortwave Club International held its first Annual General Meeting outside Denmark with 20 participating members from nine countries.

At 1700 Anker Petersen gave a presentation: "DXing along the Pan American highway from Canada to Argentina". A journey through 14 countries with photos, DXing, meeting DXers and visiting radiostations.

At 2000 the traditional Banquet Dinner took place. The Hotel served an excellent dinner, after which gifts were presented to the organizers and to the resigning Secretary General. Then Risto Vähäkainu revealed, that candidates to the posts as Secretary General would be Finnish Kari Kivekäs, and Assisting Secretary General Jan Nurmela. Risto noted, that their ages together were less than the age of present Secretary General ! After that a funny drawing Tombola with many gifts took place.

Later Alan Pennington and Dave Kenny, UK, accepted to be candidates as EDXC Auditors from 2013.

On Sunday , 03. June at 1000 Robert Kipp gave a very thorough talk about: "The Media Situation on Saint Helena".

The shortwave antenna of Radio St. Helena fall down during a storm in summer 2010, but has not been repaired since, as there is no technical expertise on the island. The RSH website was closed on 09. March 2012. The local media only supports FM broadcasting. It looks like, the British Government has reduced its support to Saint Helena !

At 1500, Italian Dario Monferini gave a humorous report from his: "Travel to Argentina and Peru 2011" with Roberto Pavanello, where they met local DX-ers and visited several radiostations with varying success.

After that followed interviews for the RMRC shortwave radio broadcasts from Sitkunai the following weekend.

At 1700 Michael Schmitz told about the Bild Archive of the ADDX in Cologne. So far about 40,000 QSLs have been scanned. Dr. Harald Gabler pointed out, that this unique collection is used for the annual RMRC QSL Calendar on sale.

Michael Schmitz also mentioned the Archive of DX magazines, where all editions of some publications have been scanned, while others like Shortwave News and DX-Window are in the process.

After dinner we heard greetings from Wolf Harrant, Dokufunk, and from Chris van Gelder (son of the late Harry van Gelder), Radio Netherlands Worldwide, which now has left shortwaves.

Via a Skype connection we then got a video connection to the former station manager of Radio St. Helena, Gary Walters, who now lives in Southampton. He said that Radio St. Helena may close down later this year. There are no prospects on shortwave in the future from the island.

Finally we had a lively discussion about: "The Future of Shortwave Broadcasting - There is Hope". According to the trend predictions by Anker Petersen, domestic short-

wave broadcasting as well as international shortwave broadcasting will be more or less totally replaced by other media by year 2022!

Manfred Böhm, journalist at Deutsche Welle, said, that during the Cold War international broadcasts with political messages via shortwaves were very important to the nations, but after 1989 they lost their legitimacy and new digital media appeared. In most countries the taxpayers have to pay the costs and they prefer other media than shortwaves. Deutsche Welle was leading in the DRM-project from the start, but from 2002 it was realized, that this project would not be a success. By this, it became also the deathblow to international shortwave broadcasting! The new hope for the stations is the internet. By Google you can get all the information, you want, and it is no longer necessary to have live broadcasts! The drawbacks are, that the internet can be disrupted or collapse and that it is not available to everybody.

Toshi Ohtake, Japan, and Dario Monferini pointed out, that young people do not know, how to use a radio receiver, but they are familiar with smartphones.

Risto Vähäkainu said, that mediumwave DX-ing is getting better possibilities with the close down of powerhouse transmitters. FM DX also have improved possibilities.

On Monday, 04. June, we left the hotel. Some participants then visited the Funktechnik-Museum in Königswusterhausen. This place began everything from the very beginning based on Marconi and Popov innovations. The first sound transmission was made from here in December 1920, where the public could hear a Christmas Concert. From 1923 they had from here regular transmissions in Germany. Interesting information was: 1933 the whole transmitter was taken over by the Ministry of Propaganda, Göbbels. When Göbbels' men arrived in Königswusterhausen, they began to fire all the highly qualified German engineers working there, and the Ministry sent their own people. But... these people knew nothing about the fine technique.

# The Greatest Mystery in the History of Aviation: What happened to Amelia Earhart?

## Adrian Peterson's Diary

It is now 75 years since the unsolved disappearance of America's "queen of the air", the world-famed aviatrix, Amelia Earhart, the "darling of the sky". Amelia was born in Atchison, Kansas on July 24, 1897 as the middle child of three siblings. She made her first airplane flight, as a passenger, at Long Beach, California in 1920 at age 22. Then twelve years later, she flew a record breaking solo across the Atlantic, making an unscheduled landing in an open field in Ireland.

On March 17, 1937, Amelia Earhart set out westward on a round the world flight, leaving Oakland on the first leg of this record attempt, and landing in Honolulu nearly 16 hours later. At take off in Honolulu on March 20, the plane groundlooped; it was badly damaged, and it was shipped back to California for extensive repairs.

Two months later, 40 year old Earhart set out again on her second attempt at a round the world flight; this time, flying in an eastward direction. Her co-traveler was ex-PanAm navigator, 44 year old Fred Noonan.

They left Oakland, California without publicity on May 21, 1937, arriving in Miami, Florida with two intermediate overnight stops on the way. It was here in Miami that they faced the usual blaze of publicity when it was publicly announced that they intended to fly completely around the globe, via South America, Africa, Asia and the Pacific.

The official flight began from Miami on June 1, 1937, and in their onward flight, they made one stopover in the Caribbean, four in South America, eight in Africa, nine in Asia, and one in Australia, at Darwin, before arriving in Lae, New Guinea almost a complete month later on June 29.

While en route at Bandoeng in Java, Indonesia, they had the long distance flight instru-

ments repaired, and it was here that Amelia came down with dysentery. In Darwin, the radio direction finder was repaired, and they also off loaded some items from the plane that were no longer necessary on their long flight. After a two day stay at Lae in New Guinea, they flew out mid morning on July 2 on the flight from which they never returned.

The airplane that Amelia Earhart was flying was a Lockheed Electra, model 10E, with registration number NR16020. This model was intended for use in civilian flights, with two crew and ten passengers. It was the first all metal airplane manufactured by Lockheed at their factory in Burbank, California.

The Electra was originally developed in 1934 and it was noted for its unusual design with a twin tail. The plane was powered by twin motors manufactured by Pratt & Whitney, and the cockpit contained a two position flight deck. The plane was fitted with variable pitch propellers, and retractable landing gear.

The Earhart plane, model 10E, was specially modified for long haul usage. Most of the cabin windows were blanked out, leaving only those that would enable visual observations by the flight personnel.

A total of 12 additional fuel tanks were installed; 6 in the wings, and 6 in the passenger cabin in the empty space where the passenger seats would normally be installed. The total fuel capacity was 1150 gallons, thus enabling a range of more than 4,000 miles at a cruising speed of 190 mph, and a flight ceiling of nearly 20,000 feet.

The two wings on this shiny aluminum alloy plane were painted a strong red, with the identification number NR16020 screened in black under the left wing and onto the top

of the right wing, and also upon the tail. Amelia took delivery of this new production, her modern new airplane, on her 39th birthday, July 24, 1936. It was financed largely by Purdue University in West Lafayette, Indiana.

The radio equipment in this Lockheed Electra 10E consisted of a standard 12 volt aircraft transmitter and receiver manufactured by Western Electric. The three channel transmitter, model number WE13C, was rated at 50 watts, and it was factory adjusted for use on 500 kHz, 3105 kHz and 6120 kHz. A factory modification enabled the transmission of Morse Code, by switching in a BFO, beat frequency oscillator.

The operational controls for the transmitter were mounted in the cockpit but the transmitter itself was installed next to the navigator's table. The official American callsign was KHAQQ.

The aircraft receiver, model WE20B, was a regular 4 band aircraft receiver, with reception on longwave, mediumwave, tropical shortwave and international shortwave. The tuning controls were located in the console between the two pilot positions, and the receiver itself was installed under the right seat.

The main antenna was a V doublet on top of the plane, with stubby masts above the fuselage and on top of the twin tails. Another main antenna was a long trailing wire underneath the plane that needed to be unrolled and deployed when in use. However, the available evidence would suggest that this antenna was missing, either by removal before leaving the United States, or by accident as the plane was taking off from the unpaved, rough airstrip at Lae in New Guinea.

There was also a newly designed Bendix direction finder on the plane, with a rotatable loop above the cockpit, and complicated electronic equipment attached to the radio receiver.

At exactly 10:00 am local time in New Guinea, or midnight GMT (as it was in those

days) on Friday July 2, 1937, Amelia Earhart took off from the airstrip at Lae for the 18 hour flight to the scheduled landing at the temporary air strip on Howland Island, way out in the central Pacific. The fuel tanks of the heavily laden Lockheed Electra 10E contained sufficient aviation fuel for the 18 hour flight of more than 2-1/2 thousand miles, plus an extra 4 hours for emergency usage.

The flight of the Electra took them out over the western Pacific, and 4 hours and 18 minutes later, Lae aviation radio, PAE, received a radio communication from Amelia Earhart, KHAQQ, on 6210 kHz, her daytime channel, stating all is well. One hour later, a similar message was received. Nauru Radio, VKT, also heard several similar transmissions from the aircraft on the same channel, 6210 kHz.

At 07:18 GMT, with darkness coming on, Amelia switched to the night time channel, 3105 kHz, and many weak and hard to decipher messages were heard by the Coast Guard Cutter, "Itasca," NRUI, stationed at Howland Island. Some ships in the area, and other island based radio communication stations in the Pacific, also heard several of these garbled messages.

On only one occasion, was there a two way transmission between the "Itasca" at Howland Island and the airplane. At 1930 GMT soon after local sunrise, Amelia acknowledged that she had heard a transmission from the relief ship "Itasca".

The final confirmed radio message from the Electra, KHAQQ, was received by the "Itasca," NRUI, at 2044 GMT, when Amelia stated that they could not see the "Itasca", nor Howland Island. She stated that the fuel was low, and they were running on a line, 157-337 degrees, SE-NW.

So what happened to Amelia Earhart and Fred Noonan in the Lockheed Electra 10E? There is much speculation.

After making a total of 24 overnight stops in the Americas, Africa, Asia and northern Australia, they arrived in Lae, New Guinea right just before the end of the month. Three days later, at 10:00 am local time on Friday

July 2, they flew out of Lae in their heavily laden Lockheed Electra 10E filled with aviation fuel, and 18 hours later, they disappeared into history, never to be seen again.

The last verified radio transmission from Amelia Earhart, KHAQQ, aboard the Electra was at 8:45 am local time on the same day, Friday July 2, 1937, though by now they had flown eastward across the other side of the International Date Line, quite near to Howland Island. This message stated that they were flying on a line approximately NW-SE, though in which direction, it was not stated. The radio signal was quite strong and loud, indicating that they were indeed quite close in the air to the co-ordinating Coast Guard vessel, USS "Itasca".

When no one in the Howland area actually saw nor heard the plane, and it did not land as planned on the new airstrip on Howland Island, rescue procedures were quickly implemented, just one hour later. Over a period of nearly a month, large areas of the ocean to the north of Howland Island were searched, but no evidence of a downed airplane was ever found.

During the subsequent 75 years since the mysterious disappearance of Amelia Earhart, many different theories have been proposed as to what happened; some quite plausible, but even more quite wild.

In view of the best available information, we would suggest that Amelia Earhart and Fred Noonan in their shiny Lockheed Electra had actually flown a little south in their flightpath towards the expected Howland Island, due to the fact that they veered a little south soon after they took off from Lae in order to avoid a rough weather pattern. According to a radio message, Amelia descended to 1,000 feet when they thought that they were close to Howland Island, though in actual fact this descent was apparently 50 miles, less or more, too early.

We would suggest that they thought their route lay a little north of Howland, when in reality they were veering a little south. They did not see the smoke trail from the ship Itasca, which billowed out some 10

miles, probably towards the northwest. In addition, the flight charts of that era showed Howland Island mis-placed on the map by about 5-1/2 miles, though it is not stated in what direction.

Consequently, when the flying pair travelled south along the NW-SE line that they announced over the radio, instead of flying closer to the desired Howland Island, they were actually flying away from it.

Hence, with even the emergency fuel running low, when they saw a small island then they landed on it. Current research suggests that this island was Gardner Island, now known as Nikumaroro Island, some 300 miles south east of Howland.

It is stated these days that there were more than 300 post crash radio messages noted on the air back then, and these were heard mostly on 3105 kHz, with some on 6210 kHz. These two radio channels are the only ones that Amelia was known to use on this round-the-world flight, and 6210 kHz is itself the 1st harmonic (or if you prefer these days, the 2nd harmonic) of the fundamental frequency 3105 kHz.

Many of the radio signals noted on these two channels during the next few days were direct transmissions from searching parties, boats and planes and islands, and some were legitimate calls to the downed plane on their recognized channels. However, it is understood that some of the radio transmissions heard during this era were hoax calls; some with good intent, and some with mal-intent.

These days, current thought is that a small number of these so-called post landing radio transmissions were actually genuine, though not recognized as such at the time. It would appear from a detailed analysis of the post loss transmissions, that the plane landed somewhat safely, that it was on its wheels, and that the right hand motor was running at times in order to generate electricity for the batteries that powered the radio equipment.

None of these transmissions were heard well at any location, and none were cor-

rectly understood at the time. Some were in a garbled voice mode, and some were in clumsy Morse Code.

The two well known mediumwave stations in Honolulu, Hawaii, KGU with 2-1/2 kW on 750 kHz and KGMB with 1 kW on 1320 kHz, both transmitted direct messages to Amelia Earhart asking for a specific response to indicate her location. These days, it is now thought that Amelia did give a response with a transmission from the downed plane, a series of indistinct keyed dashes to indicate location.

Government and private search parties utilizing a dozen ships, more than 100 planes, and more than 3,000 men, hunted all over the neighboring areas for nearly a month, with no positive indication of what had happened to the downed fliers. We would conjecture that they simply died subsequently from one cause or another on that island.

In North America, four different people claimed that they heard the voice of Amelia Earhart on their radio receivers in the days immediately after the flyers were declared lost. One was Betty Klenck in St. Petersburg Florida, a 15 year old school girl at the time, and she wrote down a brief diary of what she heard on the family's shortwave radio receiver. Then there was Dana Randolph, aged 16, in Rock Springs Wyoming; and Mabel D. in Amarillo Texas; and Thelma L. at St. Stephen in New Brunswick, Canada.

Each of these people heard the same sort of information on shortwave on their family radio receiver and they believed that they heard direct transmissions from Amelia Earhart in the downed airplane. It has been suggested that each of these four listeners heard the transmissions from the plane on a harmonic of the fundamental frequency 3105 kHz.


On Thursday July 8 and Thursday July 15, just days after the loss of the Lockheed Electra, a commercial radio program under the title, "March of Time" was syndicated

across the United States on mediumwave, and probably also on shortwave. Each of these two programs contained voice excerpts from both Amelia Earhart and Fred Noonan.

What was it that these four people in North America heard on their family shortwave receivers? We would suggest that each of these four people could have heard genuine news reports on radio about the lost fliers and/or the "March of Time" broadcasts on shortwave. The reception on the family radio receivers could have been a relay from one of the known shortwave stations that were on the air during that era, or a harmonic from a local mediumwave station, or an image frequency due to the shortcomings of receiver circuitry.

Regardless of what they heard, we would emphatically state that there was no way that a harmonic signal from a low powered 50 watt transmitter in an airplane on the ground in the central Pacific could propagate adequately into continental North America and be heard on family owned shortwave receivers with simple aerial systems. The aircraft radio, even when the plane was in the air, could not be heard well on dozens of professional radio receivers with directional antenna systems throughout the Pacific basin.

Currently, plans are underway for another expedition to Gardner Island in the hopes of finding some left over part of the missing plane; and currently, many people in many places are honoring the pioneer spirit of the famous aviatrix, Amelia Earhart, and her experienced navigator, Fred Noonan.

We might add, that another girl named Amelia Earhart is currently training in the United States with the intent that she will attempt some time soon to circumnavigate the Earth by plane. She claims to be distantly related to the original Amelia Earhart, she was named in honor of the 1937 aviatrix, and she plans to follow as much as possible the same route taken by her famous namesake in the 1937 event. 

# Listener's Notebook

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Times are UTC and frequencies in kHz.

**ABKHAZIA** 9535, *Apsua Radio* from Sukhumi heard once again on their shortwave outlet, 0755 July 20, mostly Russian modern pop mx songs and south American trumpet orchestra rumba music, but lady announcer in vernac like - probably - Abkhazian language. (wb, wwdxc BC-DX TopNews)

**BONAIRE** From July 1, Bonaire will broadcast a one-hour Spanish language programme, *La Matinal*, to Cuba, Venezuela, Mexico and the rest of the Caribbean. Dutch-language transmissions to Surinam will also continue for the time being. From October 28, *RNW* will hire airtime from another - as yet unknown - broadcaster. The Bonaire relay station will then be dismantled. All that will remain is a field. (RNW website, June 30 via Mike Barraclough-UK/World DX Club)

*Radio Netherlands Worldwide* - Revised complete schedule:

1100-1200 mtwtf.. 9895 Spanish  
0930-1000 mtwtf.. 6020 Dutch  
(WRTH Update)

**CANADA** I listened to *RCI* on 15235 at 2000 June 24 for the final edition of *Maple Leaf Mailbag*, except it wasn't, they repeated the previous weeks edition! (Alan Roe-UK) I am distraught that the final edition of the *Maple Leaf Mailbag* did not go out properly this past weekend because of technical glitches. The show can be heard on line at <http://bit.ly/LZAf9V>. My apologies that we could not spend our final hour together as planned. Once again, I thank you all for your undying love, support, insight, graciousness and generosity. You are wonderful and magical. I shall never forget you. Be well, everyone. Au Revoir and peace! (Terry H. RCI website/World DX Club)

Martin Marcotte, director of CBC Transmission, said he is now looking to sell the New Brunswick towers and land. He said he is focusing on selling the site to other shortwave broadcasters or wind farm companies. (Gupta/DX Window)

**China Radio International**: All relays via Sackville have stopped. (WRTH Update)

**CHILE** New A-12 schedule of *Voz Crista / La Voz* from June 29:

Spanish to Northern South America

2100-2300 on 17680, ex 1200-2300  
2300-0200 on 11665 till Sep 1  
2300-0100 on 11665 from Sep 2

Spanish to Southern South America

2100-2200 on 9635, ex 1200-2200  
2200-0200 on 9780 till Sep 1  
2200-0100 on 9780 from Sep 2  
(Ivo Ivanov-Bulgaria/DX RE Mix News via Dan Ferguson-SC)

**CLANDESTINE Fiji Democracy & Freedom Movement Radio** in Fijian:

Web: [sites.google.com/site/fijidemocracyfreedom-movement](http://sites.google.com/site/fijidemocracyfreedom-movement)

Email: [fijidemocracy@hotmail.com](mailto:fijidemocracy@hotmail.com)

0830-0900 m..... 11565 (WRTH Update)

13685, *R ERGO* (ex IRIN Radio), via Dhabbaya, 0830-0930, Somali to East Africa. (Ivanov/DX Window)

15165, *Badr Broadcasting Network* via Samara confirmed my report with a prepared postcard after 25 days, address is Badr Ethiopia, 4701 Sangamore Road, Suite #125 South, Bethesda MD 20816, USA. E mail report was not replied to. (Patrick Robic, Austria via Wolfgang Bueschel) Schedule 1830-1900 on 15165 Friday, Saturday, Sunday per TDP website. (Mike Barraclough-UK/World DX Club)

15630, *CMI Voice of Wilderness*, via Dushanbe, Mo-Sa 1300-1330 (Su 1300-1430) Korean to North Korea. (Ivanov/DX Window)

15645, *R Free North Korea*, via Dushanbe, 1200-1400 Korean to North Korea. (Ivanov/DX Window)

15720, *R Free Chosun*, via Toshkent, 1200-1400 Korean to North Korea, ex 1200-1300. (Ivanov/DX Window)

**Radio Damsel** - Revised complete schedule in Somali:

0400-0700 daily 15700dha  
1830-1930 daily 11990wof  
1930-2130 daily 11980dha  
(WRTH Update)

**Quê Me Radio** (New Entry) in Vietnamese:

Web: queme.net Email: queme@free.fr  
1200-1230 ....f.. 9930hbn  
(WRTH Update)

**Radio Biafra London**

2000-2100 on 11870 WER Thu/Sat in EE+Igbo  
(Ivo Ivanov-Bulgaria/DX RE Mix News via Dan Ferguson-SC)

**Radio República** - Revised complete schedule in Spanish:

2300-0200 .....ss 5954  
0100-0200 .twtf. 5954  
0100-0200 daily 9490guf  
(WRTH Update)

**Voice of the Tigers** (New Entry) in Tamil:

Web: votradio.com; www.pulikalinkural.com  
1530-1630 daily 12140\*  
Key: \*Irregular (based on monitoring) (WRTH Update)

**Voice of Oromiyian Liberation Front:**

1600-1630 on 15170 ISS Sun in Oromo  
(Ivo Ivanov-Bulgaria/DX RE Mix News via Dan Ferguson-SC)

**OGM Radio Horiyo Ogadeniya:**

1600-1630 on 15170 ISS Tue/Sat in Somali  
(Ivo Ivanov-Bulgaria/DX RE Mix News via Dan Ferguson-SC)

**Voice of Oromo Liberation** (Sagalee Bilisummaa Oromoo):

1700-1800 on 13830 ISS Sun/Wed in Oromo/  
Amharic  
(Ivo Ivanov-Bulgaria/DX RE Mix News via Dan Ferguson-SC)

**Voice of South Sudan Revolutionary Radio** in Arabic & English:

0500-0800 on 15725 (#)  
1200-1500 NF 11650, ex 15725, re-ex 11650  
(#) Start/end of morning transmission variable from 0503/0505 until 0740/082 (Ivo Ivanov-Bulgaria/DX RE Mix News via Dan Ferguson-SC)

**COLOMBIA** 14950.74v, **Salem Stereo**, \*2245-2315+, July 4, Spanish music. Spanish talk. Very Weak in noisy conditions at this time. Weak but readable on peaks. Varying up to 14950.75. It appears the SW frequency is approximately 2 minutes ahead of their webcast at [www.salemstereo.com](http://www.salemstereo.com). (Alexander-PA/NASWA Yahoo Group) All music on Salem Stereo has Christian lyrics, whether rancheras, vallenatos, merengues, boleros, joropos or tangos. (I have yet to hear Christian rock on Salem Stereo). I have already told the Pastor that the signal is being heard from the US down to Uruguay (and in northern Europe). As for reception reports I am still awaiting his reply. I believe he is interested, but the question is which email to send them to. (I have four different mails on hand so far.) A story with pictures will be featured in the upcoming SWB in English. (Henrik Klemetz/DXplorer) Message just received from Pastor Luis Emilio Torres. Sr. Torres says he is aware that "the web transmission is very unstable". No further explanations given. As for reception reports, yes, it is a go. The email address is [salemstereo@hotmail.com](mailto:salemstereo@hotmail.com). (Henrik Klemetz/DXplorer) Thanks to Torolf Johnson, of Stockholm, for providing two good audio files. The programming heard on 14950.6 is that of Salem Stereo, which operates on 106.5 FM from Rioblanco, Tolima, Colombia. I am inclined to believe that the SW frequency is being operated by some local or semi local ham. Pasto is mentioned in an ad as the home town of Freddy Noguera, who is co-hosting a youth meeting June 26-26. (Henrik Klemetz/Shortwave Bulletin) Salem Stereo, 14950, Very nice email (in Spanish) from Luis Emilio Torres Garzón, Director de Salem Stereo, photo, and station logo/promo piece in 9 days for Spanish email and mp3 audio clip. Roughly translated: "God bless you John C. Herkimer . . . I greet you in the name of the Lord Jesus Christ and wish you many blessings of God. I want to thank you for the friendly harmony of our Salem stereo station, our desire is that the blessing of the Lord arrives to its life dare for short wave. I hope that we continue to be heard. You will receive a hug from the Republic of Colombia of his friend: Luis Emilio Torres Garzon Director of

Salem Stereo 14,950 SW at 19 mts." Thanks Henrik Klemetz for ID, background info on this station and email address. (Herkimer, NY/DXplorer)

### EGYPT Radio Cairo

#### Arabic

0030-0430 daily 9965abs (ex 6270)\*  
1300-1600 daily 15800abs (ex 15080)

#### English

0200-0330 daily 9720abz (ex 9315)  
2115-2245 daily 11890abs (ex 6270)\*  
2300-0030 daily 9965abs (ex 6270)\*

#### French

2000-2115 daily 11560abs (ex 6270)\*

#### German

1900-2000 daily 11560abs (ex 6270)\*

#### Italian

1800-1900 daily 9805abs (ex 6270)\*

#### Spanish

0045-0200 daily 9720abz (ex 9315)  
Key: \* Effective from 18 July (WRTH Update)

**GERMANY** Simon-Peter Liehr in Germany advises that **HCJB** started testing June 8 on 3995 from their own site at Weenermoor in northern Germany. Noted with very strong signal here on 3995 at 2020 tune-in carrying HCJB in German, switching to HCJB in Russian at 2030. The audio modulation sounds much more punchy and compressed that it did from Kall. (Dave Kenny, Reading, UK, BDXC-UK) Reception Reports please to deutsch@andenstimme.org. QSLs will continue to be issued in Quito. Electronically without return postage, with return postage per letter, which is now generally provided with nice stamps from Ecuador. Reports can also be sent via the website <http://andenstimme.org>. Power is currently 1.5kw, hope to raise it to 6kw. (Horst, Atephan Schaa, HCJB via Wolfgang Bueschel/World DX Club)

### HCJB - La Voz de los Andes

#### English

0700-0800 mtwtf. 3995wnm (ex kll)  
1800-1900 mtwtf. 3995wnm (ex kll)

#### German

0400-0500 daily 3995wnm (ex kll)  
0600-0700 daily 3995wnm (ex kll)

0800-1500 daily 3995wnm (add)  
1500-1600 daily 3995wnm (ex kll)  
1700-1800 daily 3995wnm (ex kll)  
1900-0400 daily 3995wnm (add)

#### German (Low)

0500-0530 daily 3995wnm (ex kll)  
1600-1630 daily 3995wnm (ex kll)

#### Russian

0530-0600 daily 3995wnm (ex kll)  
1630-1700 daily 3995wnm (ex kll)

#### Spanish

0700-0800 .....s 3995wnm (ex kll)  
1800-1900 .....s 3995wnm (ex kll)

Note: Relays **Ichty's Radio** (W: [www.ichtys-radio.de](http://www.ichtys-radio.de)) on 3995wnm at 0800-0900 and 2130-2230, with occasional relays of other Christian stations following at the end of the 2130 transmission. (WRTH Update)

From now on **Radio 6150** can no longer be heard on 6150, but on 6070, and we can use it 24 hours a day, 7 days a week. The new frequency is completely free in Germany, and from July 1, when Radio Vatican stops using 6075, free from disturbances from adjacent channels. (Dr Tims Piraten News, June 24) Heard here at 2302 June 24 with 60s pop and rock music, website showing non stop music 80 watts. On June 25 at 2220 they were running old offshore radio programmes with 400 watts. Fair signal on clear channel. (Mike Barraclough) Since last Sunday we are on air without interruptions, using 500 to 800 watts PEP. In August there will be a relaunch of our station with a new (old) name. At the same time a new transmitter will go in service that should increase our signal all around Europe definitely. At the moment you can listen on 6070 to old programmes from Radio Northsea, Caroline, and Atlantis and Laser as well. (Station email to Alec van Landsberg Velen, Germany, Garry Stevens Pirate/Free Radio board, June 30) Station website is [radio6150.de](http://radio6150.de) which has details of programme and power being used. Slogan at the top says August 2012 - a legend returns. (Mike Barraclough-UK/World DX Club)

**Radio 6150** - Revised complete schedule in English:

0000-2400 daily 6070rob

Note: Irregular test transmissions (WRTH Update)

### **Transportradio:**

0800-1000 on 6095 WER Mon-Fri in Dutch/English-Music

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

### **Mighty KBC Radio:**

0900-1600 on 6095 WER Sat/Sun in English/Dutch-Music

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

### **Hamburger Lokalradio**

0900-1000 on 6045 WER 1st Sun in German/Music  
(Ivo Ivanov-Bulgaria/DX RE Mix News via Dan Ferguson-SC)

### **XVRB Radio - The Music Museum**

0900-1000 on 6045 WER 3rd Sun in English/Music  
(Ivo Ivanov-Bulgaria/DX RE Mix News via Dan Ferguson-SC)

### **Radio Iceman**

0900-1000 on 6045 WER 4th Sun in English/Music

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

**GUAM** Frequency and time changes of **KTWR** in Santali:

1530-1545 NF 15420, ex 1300-1315 on 15240

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

**INDIA AIR's** 149 MW transmitters, of different powers, provide radio signals to over 98% of the population of India and to most of the neighbouring countries, whereas 48 SW transmitters of AIR enable the radio listeners, in most parts of the world, to enjoy AIR's programmes in a number of Indian and foreign languages.

AIR has adopted DRM and launched the DRM service, from one of the 250 kW SW transmitters, on Jan 16, 2009. The service is in pure digital mode. Initially about four hours of programmes for the UK and Western Europe and three hours for the areas around Delhi were being broadcast daily. However, from Oct 30, 2011, AIR extended the DRM transmis-

sions to about 15 hours per day. This service is now available in Nepal, Sri Lanka, Russia, NE Asia, Mauritius and East Africa. In the first phase, another nine SW and 72 MW transmitters are in the process of either being replaced or converted to DRM by AIR. AIR proposes to digitize the remaining MW and SW transmitters in the second phase, achieving total digitization by 2017, the cut off date fixed by the Indian Government. (DRM India Chapter Notice board by Mr Yogendra Pal via Gupta/DX Window)

I visited Adventist World Radio, Pune, India today where I worked for some time as QSL Secretary in early 1980s while Dr. Adrian Peterson was stationed there. The big news from there is that AWR is going to broadcast via All India Radio from 23 stations shortly! (José Jacob-India/DX Window) Probably not SWBC - RAD

**INDONESIA** I want to look into the situation with **RRI**. Looks like just TWO stations are on the air now per <<http://rri.jpn.org/>>. VERY SAD!!!! RRI Wamena had been doing so very good for most of June, but now unheard. This morning (July 8) only heard 3325 (RRI) and 9525.98 (VOI). Need to check RRI Nabire at their earlier time than the others. (Ron Howard-CA)

4749.95, **RRI Makassar** on July 23 reactivated for Ramadan; last heard October 2011; decent reception (poor-fair with QRN); too early for China or Bangladesh QRM; just as heard when they were last on, they are off frequency, so folks should be able to easily differentiate them. Highlights: 0930-0944; Qur'an (solo reciting); 0944-1000: Sounded like series of ads; 1002-1006: Qur'an (communal reciting, not often heard); 1006: Drums; Qur'an (solo reciting); 1015: Sounded like a Radio Republik Indonesia Makassar ID; followed by R-R-I jingle; 1017-1022: pop and Islamic songs. (Ron Howard-CA/NASWA Yahoo Group)

7289.96v, **RRI Nabire**, randomly from 0908 to 1016\*, June 26. The longest broadcast I have ever heard here; normally they suddenly pull the plug sometime after 0800. In Bahasa Indonesia; pop songs; several segments of monologue; some Gamelan music; seemed to be a real sign off; 1011 interesting song partially in English at sign off; started with "Remember (name?), you are deep in our hearts. Remember (same name), . . .". Would be interested to know the name of this song! Anyone? I have an email to Alan Davies (Indonesia) with the hope he will recognize it. (Ron Howard-CA/NASWA Yahoo Group)

**IRAN** New additional frequencies of *VOIRI/IRIB*:

1930-2327 on 6010 KAM in Azeri, alt.5940  
 2130-0127 on 7325 SIR in Arabic, alt.7360  
 2230-0057 on 7405 KAM in Tajik  
 2330-0027 on 6005 KAM in Kurdish, alt.6010  
 2330-0327 on 6010 SIR in Azeri, alt.6005/7205  
 0030-0127 on 9650 SIR in Turkish  
 (Ivo Ivanov-Bulgaria/DX RE Mix News via Dan  
 Ferguson-SC)

**ITALY** 10000 usb, the identification says "Italcable, stazione radio Italcable, trasmissione sperimentale del segnale orario, frequenza dieci megahertz. Il segnale viene inviato in modalità SRC. Per maggiori informazioni www.italcable.it. Locator JN53DV. Italcable was the old Italian point-to-point organization for international cable and radio telephone traffic. The JN53DV locator corresponds to region Tuscany, somewhere near Viareggio, not far from the Tyrrhenian coast. (Fabrizio Magrone-Italy via Wolfgang Bueschel/World DX Club) 10000, Time Signal Station Italcable, 0552-0601 and 1400, Jun 16 and 23, time signal ann each minute by male in Italian, at 0600 ID by female: "Italcable, stazione radio Italcable, trasmissione sperimentale del segnale orario, frequenza dieci megahertz. Il segnale viene inviato in modalità SRC. Per maggiori informazioni www.italcable.it . Locator JN53DV". QRM from WWH, Fort Collins on the same frequency, 22322. (Bueschel, Méndez and Robic/DX Window) Italcable was the old Italian point-to-point organization for international cable and radio telephone traffic. Their website has only an old logo and no information at all. The JN53DV locator corresponds to region Tuscany, somewhere near Viareggio, not far from the Tyrrhenian coast. The time anns in Italian language are correct and correspond to Central European Summer Time (UTC+2). It is unclear at present, if the station is a legitimate experimental operation or a pirate and if the location is correct or a fake. (Magrone-Italy/DX Window)

**MADAGASCAR** Rare Good News - *RNW* Madagascar site. I've just learned the good news that the *RNW* Madagascar relay will continue operating beyond the end of 2012, as the employees there have formed a private company. That means there will be no need for any of the current clients to move to other facilities. I have just received the draft documents that will be sent out to existing and prospective clients as I have been asked to check that the English is correct. I was always confident that the facility would not be closed, given the recent acquisition of transmitters formerly used

at Hoerby in Sweden. The only question was who would operate it. (Andy Sennitt PCJ Media Facebook site; via Ian Baxter SW TXsite/TopNews)

**MYANMAR** 7110, *Thazin Radio*, 1430, July 19. Usual theme music; could make out most of the normal intro: "Good evening dear listeners. You are tuned to the Thazin Radio, Pyin Oo Lwin and thank you very much. We are broadcasting the third English transmission on the air again. Radiating on 639 kilohertz and 7 point 11 megahertz." EZL music followed by: "Good evening our dear listeners. May I present for you some sweet melodies for tonight"; Everly Brothers with "Walk Right Back", etc.; nice to still hear this even in summertime; 1440 to 1450 segment that seemed to be talking about Myanmar architecture; poor (Ron Howard-CA/NASWA Yahoo Group)

**PAKISTAN** Upcoming frequency changes of *Radio Pakistan*:

0045-0215 NF 11600, ex 15490 in Urdu WS  
 0900-1000 NF 15370, ex 15620 in Bangla  
 1000-1030 NF 15370, ex 15620 in Nepali  
 1230-1300 NF 15290v, ex 15540v in Sinhala  
 1300-1330 NF 15290v, ex 15540v in Tamil  
 (Ivo Ivanov-Bulgaria/DX RE Mix News via Dan  
 Ferguson-SC)

**PAPUA NEW GUINEA** *NBC National Radio* in Port Moresby has re-activated 4890 on shortwave for breaking coverage of the national election results currently underway across the country. This frequency is additional to 6040 heard at the same time with the same program, which is a simulcast with Kundu TV. Both transmitters are located at Port Moresby, although 6040 is nominally licenced to Alotau in Milne Bay. However, *NBC Milne Bay* says it is only broadcasting on 3365 and two FM frequencies. Am currently listening to NBC Port Moresby 4890 via Sydney Global Tuners with VG signal.. it's a simulcast with Kundu TV network, giving phone numbers to call the studio as 325 9382 or 325 0084, or text SMS 7288. Phone in report from *NBC Morobe* at 1052, late news started at 1106. Chief Electoral Officer is calling on Returning Officers to abide by the law after many complaints. NBC swamped with hundreds of texts. Signal deteriorating slightly by 1112 compared to tune in at 1040. So 4890 has been reactivated, and this broadcast is clearly //6040 which is at poor quality in comparison. I have maintained for several years that the higher power NBC Port Moresby tx were still available for use in special circumstances. Election 2012 is obviously

such a circumstance! Now 1114 and much harder to copy. This is the best opportunity in years to hear PNG NBC shortwave outlets because of these crucial national elections and coverage. (Dave Ricquish, PNG Country Editor, WRTH, Radio Heritage Foundation) A follow-up to David Ricquish's recent posts on 6040, but mostly a confirmation of his posts (from another source). "NBC have put the **Radio Central** 10 kW NEC on 6040 kHz (ex-Alotau frequency) for the election period." It is located at the usual Port Moresby MW/SW site. The signal is usually weak here in Australia & even reported weak in Port Moresby today. My reception of the 10 kW **NBC Northern** txer on 3345 is MUCH stronger. Log 6040 whilst you can, it won't be around for long. [later] **NBC 4890 Future Plan** - Rare good news. My thanks to one of our very busy members for forwarding this info today. In 2013 the NBC of PNG in Port Moresby will be looking for a new 25 kW SW TXer to replace the aging & dilapidated 100 kW txer that operated **NBC National Radio** on 4890 & 9675. I'm pleased to hear that news. If all goes to plan I'm guessing NBC Port Moresby could possibly return to SW in late 2013/2014?? From my recollection of events the 100 kW txer operated at 50 kW for a good number of years & the power output reduced to 25 kW in the last years of regular usage. So it would appear that their management is happy with the coverage offered by a 25 kW SW txer. If any of our members think they can assist the NBC in their quest for an attractively priced 25 kW SW txer please drop me a line. (Ian Baxter-AUS, SW TX site/TopNews)

3345, **NBC Northern**. At 1305 on July 18 I had a definite open carrier on 3345, but no audio (not surprising with the very poor conditions today). It seemed to be 3345.0. Last month I briefly heard **RRI Ternate** when they reactivated for a very short time on 3344.91. So based on just the frequency it would seem not to be RRI. PNG a possibility? Dave Valko (located in Pennsylvania) also heard the same 3345 open carrier from 0930 to 1000 today. Definitely something was there. Confirmed PNG: email from Mauno Ritola (Finland): "I got your message just in time to check it for the morning transmission via Brisbane Perseus and yes, there it was! From 1950 onwards on 3345.03 kHz, female speaker in Tok Pisin saying that news will follow from NBC National Radio. Started to fade out soon after 2000. Thanks for the tip. I hope they stay!" (Ron Howard-CA/NASWA Yahoo Group)

3385, **NBC East New Britain**, randomly from 1159 to 1406\*, July 17. After a long absence this has

been reactivated. Another visit by the NBC technical team? Ex: 1237\*; mostly poor; mostly in Tok Pisin except in English for the 1204 and 1301 NBC National News (news // NBC Port Moresby on 6040); several IDs heard; gave program scheduling, listed frequencies and often mentioned "shortwave"; between reporting on the election they played Pacific Island pop songs. Very nice to finally have this one back again! (Ron Howard-CA/NASWA Yahoo Group)

3915, **Radio Fly**, 1349-1402, July 19. Pop hit songs ("Rhythm Of My Heart" by Rod Stewart, etc.); 1356 series of IDs with SW and FM frequencies which started and ended with Irish music; young girl: "I listen to Radio Fly on ..."; poor. (Ron Howard-CA/NASWA Yahoo Group)

6040, **NBC Port Moresby** with NBC National Radio programming. 0901, July 24. Bird call; "Good night. This is N-B-C National News" till 0909 (July 23 late with the news; started at 0906); ads for BSP (Bank of South Pacific), free event at Port Moresby Sports Centre, Yellow Pages and PSA by teenagers about condom use; 0911 ID: "N-B-C National Radio, the Voice of Papua New Guinea"; program with recorded reports and live phone conversation about the elections; 0940 tuned out. Heavy summertime QRN. (Ron Howard-CA/NASWA Yahoo Group)

7324.95, **Wantok Radio Light**. Surprised to still be able to hear this fairly clear during the 1400 to 1430 window; 1418 on July 19 with Christian songs; 1421 just a brief ID for "Wantok Radio Light, your inspirational station" and more songs; weaker station underneath them. (Ron Howard-CA/NASWA Yahoo Group)

NIPA Media Unit Press release July 2, 2012: After more than 2 years New Irelanders throughout the province will be able to receive the Radio New Ireland short wave signal by tomorrow [3905], the National Broadcasting Corporation Executive Director of Engineering, Mr. Robin Vuvut said today. The NIPG had released a commitment of K100, 000 last year to extend the transmission of the station especially to the outer islands of Murat and Lavongai LLG, especially the short wave frequency. Mr. Vuvut today [July 2] confirmed his technical team is in the province to immediately upgrade the services and allow transmission waves from the station reaching the outer Islands of Kavieng and Namatanai and to the West Coast of New Ireland. Mr. Vuvut says the exercise will see the upgrading of both FM and Short wave radio transmission

signals throughout the New Ireland Province. Mr. Vuvut accompanied the Managing Director of NBC Mr. Memafu Kapera to the province and reaffirmed its partnership with the NIPG and the Administration to extend and revitalize the services of NBC in the province. Governor, Sir Julius Chan says, "the people of New Ireland have constantly expressed dissatisfaction with radio coverage especially during the election period. The remote Islands in both Districts as well as Namatanai itself have suffered the plight of no access to radio transmission. I could not be more pleased that NBC is finally addressing this long standing issue and that the dissatisfaction by the people will now be a thing of the past". Funding assistance for the exercise has been allocated by NIPG but the management of the local station has not been able to liaise appropriately with stakeholders to utilize the funding. (Ron Howard-CA/NASWA Yahoo Group)

**PERU** Pedro Arrunátegui tells me that in his upcoming Chasqui DX newsletter he is reporting that *Radio Manantial*, Huancayo, 4986v, is actually announcing *Radio Voz Cristiana*, "una señal que transforma tu vida". From their chat one infers that the change must have taken place quite some time ago. However, per recent loggings this is still Radio Manantial. There is a 6-minute video on their webpage <http://www.radiovozcrisiana peru.com/> where the Pastor is driving from one place to another to show visitors to his webpage where his transmitters are located. (He is constantly referring to Radio Manantial, so the video seems to be an old one). It ends on a touch of humour. At approx. 5 min. into the video, a stray dog is about to attack the cameraman but suddenly changes his mind, saying to himself "Me confundí" (I was wrong...). (Henrik Klemetz/DXplorer)

Via Rafael Rodríguez I am learning that Ray Rising is travelling to Perú to help install the new evangelical station in Chazuta, near Tarapoto, to operate on 4810 with 1 kW. The station will be on air by August 8. Transmissions will be in vernacular languages such as Achuar (in Ecuador also known as Shuar). It appears that HCJB is co-sponsoring this venture. (Henrik Klemetz/Shortwave Bulletin) A prayer request for June 28 mentioned that a new 1 kW shortwave transmitter made by HCJB in Indiana is to be installed in Chazuta, Perú. Rafael Rodríguez in Colombia noted my mention of this; he already knows about it as he's in contact with Ray Raising of HCJB who was about to depart for Perú along with three engineers to prepare for it to go on the air by August 8. He also has the

details from an official document about licensing the station which will be OAW-9A, on 4810, from the Iglesia Evangélica Central de Chazuta. We don't yet know what it will be named. Chazuta is a small town near the much larger city of Tarapoto in north central Perú. Rafael says HCJB originally wanted to set up a SW station in Colombia to serve the Amazon region, but permission could not be obtained. (Glenn Hauser-OK/NASWA Yahoo Group)

**ROMANIA** On Jun 13 there was a press conference with the Romanian President Basescu, within the "Shortwave Broadcast from *Radio Romania International*" was mentioned shortly. Thinking on this, the government is thinking about a stop on shortwave. But no conclusion has been signed now. The reason is, the government does not know, how to inform the Romanian Foreign People living outside from Romania. No word about the DXers in the world. You can be sure, that shortwave of RRI will continue at the end of 2012. (Hendrik Leuker, Germany, via Suess/DX Window)

**SAO TOME** BBG - *AFIA Darfur Radio* in Arabic:

0300-0330 daily 7260; ex 7330  
(WRTH Update)

**SOLOMON ISLANDS** 5019.90, *SIBC*. 1032, July 15. Wonderful reception of the coverage of the closing ceremony of the Solomon Islands Festival of Pacific Arts from Honiara; speech by Festival Chairperson Doreen Kuper in English with audio hum; "All good things must end and we have come to the end of the biggest event in our nation's history". (Ron Howard-CA/NASWA Yahoo Group)

**SOMALILAND** The awaited new SW transmitter for *Radio Hargeisa* is hoped to be at least testing before Aug. 10. Various sources within and without Somaliland indicate that 15 Chinese technicians are currently installing the new 100 kW Radio Hargeisa SW xmtr. This is in Somaliland, once British Somaliland, but now an "unrecognized" breakaway area from nominal and mostly non-functioning Somalia. The rump Somaliland government does seem to be functioning, and while not recognized by world governments, there are, indeed, significant trading partners, including China and Turkey. Sources within Somaliland claim it is a Chinese-made unit from the PDF Co. That is at least partly erroneous. P.D.F. Co. Ltd. of Guangdong, China, is not an electronics manufacturer, but rather, a broker and export firm and is overseeing the installation. In fact, it is difficult to

find any data on Chinese SW xmtr manufacturers, though surely there have been, and probably still are, such makers. But, Chinese firms are known to have brokered and installed some high powered SW transmitters made by RIZ, the Croatian electronics mfgr (e.g., in Myanmar) so while the transmitter, indeed, may be Chinese in make, it could instead be the economical, solid state RIZ OR-100 K-03/A SW transmitter made in Croatia, which has received decent reviews as relatively cheap and reliable, particularly in low-tech Third World areas. The transmitter, antenna, etc. entered Somaliland by air sometime in June and were stored at the guarded Ministry of Information compound in Hargeisa. Two Chinese techs arrived about the same time, with 13 more arriving very early in July. Of course, in practice, the estimated 40 day maximum installation time could be delayed beyond the scheduled completion Aug. 10. It would be surprising if that deadline is actually met. But the time frame, in reality, should be reasonably short. What we don't yet know is what frequency will be used for tests or eventual regular service. We should be on the alert though for a big new signal testing soon. (Don Jensen-WI/NASWA Yahoo Group) Probably I guess only the well known Chinese transmitter manufacturer BBEF will erect this 100 kW SW unit, as well has done in whole Africa, like Ethiopia, Sudan, Mali, Chad, Zanzibar and Eritrea ... as well as Korea D.P.R. and Myanmar too. (Wolfy df5sx/DXplorer) My posting earlier this week concerning the forthcoming installation of a 100 kw. xmtr, tentatively scheduled to be on the air by about Aug. 10, clearly will not meet that optimistic schedule. It is still uncertain if it will be a SW or MW unit. The installation team did not arrive in Hargeisa until July 23 presumably putting them at least three weeks behind schedule. Further details as they become available. For DXers, the most critical one would be, SW or MW? (Don Jensen-WI/NASWA Yahoo Group)

**SRI LANKA** We do everything we can to promote SW for our customers and I am still happy with our utilization rate. Additionally, we are renting air time at Trincomalee now to achieve better coverage for our customers in South Asia and Southeast Asia. (Walter Brodowsky, TDF Group Short-Wave Project Leader)

Yes that is correct we are currently broadcasting some AWR transmissions via Trincomalee as a backup. June 30<sup>th</sup> was the first stop date. But AWR extended those backups for a short time. But there is no specific date at the moment. (Michael Puetz-Germany, Media Broadcast GmbH, Backoffice North)

**UKRAINE** 11980, *Radio Dniprovskia Ukraine*, tx Hvyliia-Zaporozhzhia region. Station reply by e-mail QSL letter in 13 days. Sent MP3 audio file to radiodh@rambler.ru. V/S Alex, QSL Manager. (Luca Botto Fiora-Italy/PlayDX)

**URUGUAY** 6045, 27.6, 0001, *R Sarandi* in LSB with ID. In a recording sent to HK (Henrik Klemetz - RAD) he says: Sek 29 "comienza... por Radio Sarandi..." Sek 40 "AM 6-90..... y para todo el mundo en internet." /HK Heard the following two days but after that too weak signal. HK, thanks for listening to the recording and extracting the info. (Thomas Nilsson/Shortwave Bulletin) 6045.00, R Sarandi, Montevideo, 2150-0010, Jun 27, 28 and 29 (Cf. DX-Window no. 457). Thanks to Thomas Nilsson, I heard under a carrier here a very weak station with Spanish talk. It was recorded by Nilsson at 0010 and identified by Klemetz. After 29 seconds: "comienza... por Radio Sarandi", after 40 seconds: "AM 6- 90..... y para todo el mundo en internet". SINPO 13221 best in LSB due to QRM from Xizang PBS on 6050. The carrier can be heard already at 1910 and is probably from ZBC, Zimbabwe. This carrier was also heard Jun 30, Jul 01, 04, 08 and 10, but not on Jul 05 at 2230-2325. (Klemetz and Nilsson in SWB, Petersen-Denmark/DX Window) 6045, 0802, Radio Sarandi at weak levels on LSB mode only on 20/6. Regular since, between 0315 fade-in and 1000, except 0600-0700 when channel blocked by KBS World Radio in SS via Sackville. Mainly SS talkback format with blocks of adverts. Power is reportedly 300 watts. (Bryan Clark-New Zealand/NZDXTimes)

**Em. Chaná**, Tacuarembó, the unofficial SW transmitter relaying a local FM community stn in Department of Tacuarembó, Uruguay (central part of the country) and which was monitored in the Southern South America region, during the last two years around 5.9 MHz (very variable) is currently inactive, due to power costs. Anyways, they state their broadcasts would resume in the future. New data to report is their postal addr: Barragué 395, Barrio La Palma, Tacuarembó. E-mail: emisoraChanatacuarembó@hotmail.com. (Horacio Nigro, Uruguay, via telephone contact with the stn/DXplorer)

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



# Pirate Radio Report

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

Welcome to the August pirate report. The weather here has been blistering and with very little rain.

Listening conditions have not been much better during the month of July. The bands have been open but usually with great quantities of band noise. Even considering that the European ops are being heard here in the US on the east coast and occasionally further inland.

There has been moderate activity this month with the US ops and surprisingly there have been several new ops appear on the air this month.

Due to my travel schedule I was unable to submit a column last month but I should mention that Pirate Radio Boston ran their 20th anniversary broadcast in June so congrats to PRB for 20 years! Another very interesting broadcast was on June 4 a station called "my name is yawneb" an interesting show notice that it just happens to be Benway spelled backwards. A interesting show and was widely heard in the eastern US.

My thanks the log contributors this month! Any now to the logs!

**Blue Ocean Radio**, 6.930U, 0325-0351, 7-22, weak signal right at the noise floor but caught several IDs [Rohde-OH]

**CAPTAIN MORGAN**, 6925, 0114-0122\*, 7-16-12. SIO: 343 Caught tail end of CM's blues program, ID at 0118. (Lobdell-MA)

**Captain Morgan Shortwave**, 6925, 0214-0226\* Jul 22. segments of oldies rock selections with closing ID and e-mail address as captainmorganshortwave@gmail.com. Fair. (D'Angelo-PA)

**Captain Morgan Shortwave**, 6925, 0112-0134\*, 07-04-12 SIO: 343 Usual Twilight Zone instrumental music, patriotic talk by

OM at 0126, "All Along The Watch Tower" by Hendrix. (Lobdell-MA)

**Northern Relay Service-Southern Extension**, 6925 AM, 0111-0125+, 07-23-12 SIO: 343 Repeating the phrase "What's Up Doc", into a Segment called the "Paranoia News" hosted By Inquisitive Hans who talked in a Elmer Fudd like voice. [Lobdell-MA], [Rohde-OH]

**Pirate Radio Boston**, 6925, 0215-0230\*, 06-22-12. SIO: 343 Music by Death Cab for Cutie and Semisonic. Charlie Louden-boomer said this was his first show for 2012. (Lobdell-MA)

**Radio 2012 International**, 6925, \*0142-0243\*+, 06-23-12. SIO: 232. ID at sign on with computerized female voice, into electronic dance music. Off with same ID. (Lobdell-MA)

**Radio Free Mars**, 6924.13, 0145-0213\*, June 29. talk about Mars. Odd music. Remix of Elton John's Rocket Man. ID. Sound effects. Weak. Poor in noisy conditions. (Alexander-PA)

**Radio Ronin Shortwave**, 6925, 2337-0014+, 07-04-12 SIO: 444 Sign on with "Yankee Doodle" [I thought it was the VOA at first!] ID by OM, "Stars & Stripes Forever", "This Land Is Our Land", "God Bless America". (Lobdell-MA)

**Radio Ronin Shortwave**, 6940, 0314-0359\*, 07-07-12 SIO: 454 "Girlfriend", "Oye Como Va", "Fortunate Son"-CCR, "Psycho Killer". IDs. (Lobdell-MA)

**Radio Whatever**, 6925, 0017-0110\*, 7-15-12. SIO: 333. Program of electronic, instrumental, new age type music with promo for a streaming radio web site, with ID prior to close down: "Hi everybody, time to sign off. This is Radio Whatever with DJ Sennheiser on 6925 AM. One hundred watts of unadulterated power. Thanks for tuning in ... and out. Catch you all on the flip side. Good Night". announced email of HH0531@

yahoo.com for QSLs earlier in the show. Got my QSL in a few hours. Station claims to be in PA. (Lobdell-MA)

**Radio Whatever**, 6925, 0030-0050, July 15, electronic dance music. IDs. Ads for internet radio station [www.di.fm](http://www.di.fm) (<http://www.di.fm>). Fair. (Alexander-PA)

**Rave On Radio**, 6925U, 0147-0158+, 6-18-12. SIO: 121 Program of Lou Reed songs, including "Heroin", mentions of Christmas 1972. Station ID 0156. (Lobdell-MA)

**The Crystal Ship Relay Service**, 6925U, 0315, with Meatloaf's "Paradise by the Dashboard Light" and ID at 0323 as "You are listening to the Crystal Ship on the TCS Relay Service" at 0323. (Coady-ONT)

**Turtlehead Radio**, 6930U, 0456- July 15, dense music with no residual carrier, making it hard to tune in, as the music would sound no less weird if the BFO is slightly off. 0500 cut off music, ID as something-Radio, can't make out the word yet, acknowledging real-time reports posted on [hfunderground.com](http://hfunderground.com) forum. (Glenn Hauser, OK)

**WMPR**, 6925, 0135-0140, July 15, very strange electronic music. IDs. Strong. (Alexander-PA)

**Wolverine Radio**, 6925U, 0302-0325+, 07-05-12 SIO: 454. Songs with the word "American" in them such as "Bye Bye American Pie", "American Woman" by The Guess Who. Usual ID at 0325. (Lobdell-MA)

**Wolverine Radio**, 6950U, 0303-0314+, 07-08-12. SIO: 444 ID, then into song, "Red Shoes". It might have been his "shoe" program as I heard "Leather Shoes" at 0312. (Lobdell-MA), (Alexander-PA), (D'Angelo-PA)

**The Crystal Ship Relay Service**, 6925U, 0315, with Meatloaf's "Paradise by the Dashboard Light" and ID at 0323 as "You are listening to the Crystal Ship on the TCS Relay Service" at 0323. (Coady-ONT)

**XFM**, 6955, 0220-0255, June 29. Talk. ID. Pop, rock music. Shoutouts. Weak. Poor in noisy conditions. (Alexander-PA)

## Euro

**Borderhunter Radio**, 6325, 0006-0031\*, 07-07-12 SIO: 232 Techno dance mx, lots of pre-recorded promos for the Europirate summer meeting next weekend. Announced website [www.summermeeting.net](http://www.summermeeting.net) for info. (Lobdell-MA)

**Black Bandit Radio**, 6324.81, 0000-0026+, July 1. Pop music, country music. Some polka style music. IDs at 0021 and 0026. Sign off at approximately 0031. Very weak but fair on peaks. (Alexander-PA)

**Powerliner International**, 6565, 2356-0038\*, 07-22-12, SIO:121 Just above the noise level playing rock and pop tunes. Caught ID and email address. [rpi@live.nl](mailto:rpi@live.nl) just prior to close down. [Lobdell-MA], [Rohde-OH]

## QSLs

My Name is Yawneb, E-QSL from [yawned6925@gmail.com](mailto:yawned6925@gmail.com) [Rohde-OH]

Blue Ocean Radio, E-QSL from [blueoceanradio@gmail.com](mailto:blueoceanradio@gmail.com) [Rohde-OH]

Radio What Ever [Lobdell-MA]

73s until next month!



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## Contribute!

Send your loggings and QSL information off to our Distributing Editor, **Bob Montgomery** (Address: 86 Pumpkin Hill Road, Levittown, PA 19056). He will forward them to the appropriate editor. Remember, Bob also distributes QSL report information and totals for the **Scoreboard** column. He can also be reached through the Internet at: [rmonty23@verizon.net](mailto:rmonty23@verizon.net).

# QSL Report

Sam Barto • 78 Blakeman Road • Thomaston, CT 06787

## WORLD WIDE CHRISTIAN RADIO

Confirms Special Reception Report

Frequency: 3255 kHz

Time: 0300 UTC

Date: 29 Sept 2010

Signature: *Robert, thanks for the report.  
We only operated on this freq. for a few days  
so this is a rare qsl.*

Image: Final Amplifier Tube used in WWCR transmitters 4CV 100,000 C

**AUSTRALIA: Radio Australia 9580** via Shepparton f/d "Shepparton Transmitting Station" cd. in 147 ds. v/s J. Johnson. (Feinberg-NY). Elliott Feinberg is a new contributor to the Column. He can be reached at 111 Hicks St., Apt. 7M Brooklyn, NY 11201

### CLANDESTINE

\* Radio Tamazuj 7315 via Issoudun f/d post card for an Email report in 50 ds

via Free Press Unlimited in the Netherlands. (D'Angelo-PA).

**FRENCH GUIANA: DX Antwerp 30th Anniversary Broad-**

\* cast 21680 via Montsinery Also rcvd. stickers from Radio Austria International, Radio vatican and Radio Canada International. Thanks to



**STATION NOTES: Deutsches Radio Ulaanbaatar 6005** via Radio 700 Addr: Central Post Box 711, Ulaanbaatar, Mongolia. **European Music Radio 6140** Email: emrsw@sky.com or studio@emr.org.uk Addr: c/o MV Baltic Radio, R&R Medienservice, Seestrassse 17, D-19089 Gohren, Germany. **WYFR Family Radio Oromo Broadcast 13660** via Nauen Email: inti@familyradio.com



RFE/RL is pleased to verify your reception of our broadcast

in Russian (language)

on 24 Apr, 2010 (date)

on 9760 kHz (frequency)

from Wartachki (transmitter)

Germany

illuminate your world

# 0000001970



Mr. Edward J. Nawrocki  
2302 South Ridge Ave.  
KANNAPOLIS, N.C. 28083



**Friedensstimme Mission 13710** via Nauen v/s N. Berg. Addr: Postfach 10 06 38, DE-51606 Gummersbach, Germany... other rpts. have the v/s as N. Beog... via PLAY DX

DX Antwerp and Guido Schotmans for the e-card sent the day after my report. (Wood-MA).

Thank you very much

# SW Radio Africa

Zimbabwe's Independent Voice

To: Richard D'Angelo  
2216 Burkey Drive  
Wyomissing, PA 19610  
U.S.A.

We are pleased to verify your reception of our station

Date: 6 May 2007 Time: 16:59 - 17:46 UTC  
Power: 100 to 300 kW Frequency: 12035kHz  
11810kHz

Transmitter location is restricted for security reasons

17880 same station w/ various station stickers in 22 ds. v/s "LM" Ludo Maes. (Wilkins).  
**GUAM: KTRW Trans World Radio 9975** f/d personal ltr. w/ a f/d "Antenna Site" cd. in 33 ds. v/s Kathy Gregowske, KTRW Frequency Coordination Department. Included was a copy of their winter program schedule and a booklet about TWR Asia. (D'Angelo-PA).

**ISRAEL: Galei - Zahal / Broadcasting Station of the Israel Defense Forces 6973** f/d "Microphone at Desk" cd. in 1 mo. for a taped rpt. (Smith-MA). Bill, thanks for the TU sticker..Sam.

**THAILAND: Radio Thailand 13745** "River" postcard in 150 ds. (Feinberg-NY)  
**USA: WBCQ The Planet 9330** via Monticello, ME "The Planet" postcard in 9 ds. for SASE. v/s Allan Weiner. (Feinberg-NY). **Radio Taiwan International 9680** via WYFE Family Radio f/d "Bamboo Forest in Summer" cd. in 35 ds. for 2 IRCs. Also rcvd. schedule, postcard and report forms. (Wilkins-MO).

**USA (Pirates): Undercover Radio 6925 and 1720** the station verified my Email report in 72 ds. w/ an Email reply. The 6925 channel used a whip antenna w/ 1000 watts while

**STATION NOTES: Free Radio Service Holland 7685** Addr: Postbus 2702, NL-6049 ZG Herten, Netherlands. **Geronomo Shortwave 6265** Email: geronomoshortwave@hotmail.com **Hit Mixteam 6219** Email: studio@hit-mixteam.nl **Irish Music Radio 6930** Email: imr6930@yahoo.com **Laser Hot Hits 6421** v/s Tony James

Addr: P.O. Box 293, Merlin, Ontario NOP 1W0, Canada **Low Power Radio 6390** Email: lowpowerradio@hotmail.com **Magic AM 6326** Addr: P.O. Box 56719, NL-1040 AS Amsterdam, Holland. Email: magic.am@online.nl **Marine Broadcasters 6530** Email: marinebroadcasters@hotmail.com **Mike Radio 6940** Email: mikeradio@live.nl **Old Time Radio 6295** and 15070 Email: oldtime48@gmail.com ...via PLAY DX ... Sam

Radio Free Europe  
Radio Liberty  
Vnohradská 159a  
100 00 Praha 10  
Czech Republic

# 0000001085  
10.8.09  
38000794

ČESKÁ REPUBLIKA  
001710

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

RFE/  
your  
in Latav Sadheir (language)  
on 50. May 2009 (date)  
on 9635 kHz (frequency)  
from Pittsboro, Lithuania (transmitter)

illuminate your world

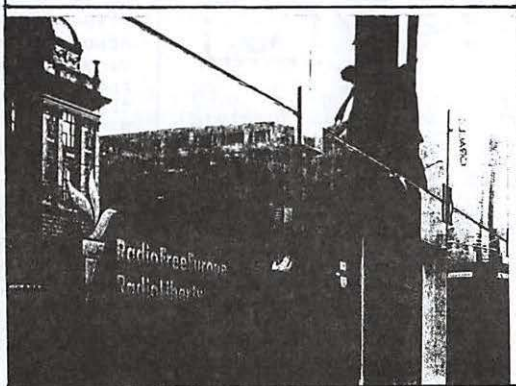
the 1720 outlet used a dipole w/ 1000 watts. (D'Angelo-PA). **Hard Tack Radio 6925** f/d Email cd. in 2 ds. for a rpt. to: hardtackradio@gmail.com (Lobdell-MA).

**Radio Whatever 6925** n/d Email in 6 hours for a rpt. to: HHO531@yahoo.com. Reply came from Ozzie Freedom and the station claims to be in PA. (Lobdell-MA).

**UZBEKISTAN: Radio Japan 11730** via Tashkent f/d "Spring Colors in Fukushima Prefecture" cd. in 47 ds. (D'Angelo-PA).

I guess this does it for this month. Best of QSLing.

*Sam*



# 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, Drake R8, Outdoor Slinky   |
| Ralph BRANDI, Middletown, NJ        | QS1R SDR, 7030+, T2FD, 300' longwire  |
| Mark COADY, Peterborough, ONT       | Alinco DX-8RT, G5RV & Angler antennas   |
| Rich D'ANGELO, Wyomissing, PA       | TenTec RX340, DX Sloper   |
| Bill DVORAK, Madison, WI            | No equipment listed   |
| Jim EVANS, Germantown, TN           | RX340, R75, 90' lw, Wellbrook ALA100M loop  |
| Marlin FIELD, Hillsdale, MI         | NRD535D, long wire  |
| Bob FRASER, Belfast, ME             | Sony ICF-2003, ICF-100S, 2m longwire  |
| Steve HANDLER, Buffalo Creek, IL    | Icom IC-7200, Tecsun PL-660, wire antennas  |
| Glenn HAUSER, Enid, OK              | FRG-7, YB400, SW-07, ATS-909, lw  |
| Ron HOWARD, Asilomar Beach, CA      | etón E-1  |
| Alan JOHNSON, Reno, NV              | Perseus SDR, ElecraftK3/10, Icom R-9500, lw   |
| Chris LOBDELL, Salem, MA            | etón E1, 40m dipole   |
| William McGUIRE, Cheverly, MD       | DX-380  |
| Robert MONTGOMERY, Levittown, PA    | R390a, SE3, 5BTV vert., Clifton Labs active antenna   |
| Richard PARKER, Pennsburg, PA       | 51S-1-X, R390A, SE3, ant. farm  |
| Jim RONDA, Tulsa, OK                | NRD-545, R75, PAR EF-SWL  |
| Giovanni SERRA, Rome, ITALY         | NRD-525 AD Sloper   |
| Mark TAYLOR, Madison, WI            | Winradio g313e, E1, Sat 800, Flextenna, EWE   |
| Robert WILKNER, Pompano Beach, FL   | NRD535D, IC746Pro, R8, 2010xa  |

2000-5900 kHz

## Tropical Band Loggings

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

- 2485 **AUSTRALIA VL8K** Katherine 1010-1030 Noted here w/ audio; still in at 1025 recheck; 6/19 & 29. (Wilkner-FL)
- 3204.9 **PNG-NEW GUINEA TERRITORY R. Sandaun/R. West Sepik** 0930-1015 Noted each day this week; usually strongest PNG; 6/29. (Wilkner-FL)
- 3260 **PNG-NEW GUINEA TERRITORY R. Madang** Madang 1020-1050 V. strong sig; never this strong before; mx & M vcls; fading 1058; still in w/ weaker sig at 1115 w/ mx; 6/23. Also: Sig much weaker 7/4 & 6. (Wilkner-FL) 1138-1203 Indigenous chanting/vcls & pop Pacific Island songs; DJ in Tok Pisin w/ list of dedications; ID: iN-B-C Madang, Maus Bilong Garamuti; 1201 lcl ID into nat'l NBC nx in EE; almost fair; similar recepex to that at <http://www.youtube.com/watch?v=bmWcpiKqalk>; v. enjoyable; the Tok Pisin term igaramuti means a slit drum or slit gong; recently heard w/ well above normal recepex; 6/26. (Howard-CA)
- 3290 **GUYANA GBC** Georgetown 0050-0100 Txmitter modulation issues; seems off since then; 6/29. (Wilkner-FL)
- 3310 **BOLIVIA R. Mosoj Chaski** Cochabamba 0935-1016 W ancr; several words en espaÑol noted "escucha"; "radio" & "emisora"; lcl mx; 6/19 & 29. (Wilkner-FL) 0900-0935 W ancr; 7/14. (Wilkner-FL)
- 3320 **SOUTH AFRICA R. Sondergrense** Meyerton 0225 In Afrikaans w/ lcl pop mx; M ancr at 0255 re-check; weak w/ static crashes & ute QRM; 7/9. (Coady-ONT)
- 3325 **PNG-BOUGAINVILLE NBC** Bougainville 1254-1302\* (P); Definitely ex: 1200\*; heard mixing w/ RRI Palangkaraya; pop mx; 1301 EZL instrumental until (P) v. short s/off ancnment; happy to have a positive s/off time which conforms to my 6/4 log of 1302; 6/20. (Howard-CA)

- 3329.54 **PERU Ondas del Huallaga** Huánuco 1035 M & W ancrs en español to 1050; txmitter slight drift at 1040-1050; not noted 2330-0030; 7/13-14. (Wilkner-FL)
- 3350 **COSTA RICA REE** Cariari de Pococi 0258 SS; // 6055 w/ group pop vcls & M ancr; pips at 0300; ID "Radio Nacional de Espana-Noticias" into M & W ancrs w/ nx; fair w/ static crashes; 7/9. (Coady-ONT)
- 3355 **PERU Radio JPJ** Lima 0950-1015 The one noted here; 7/2 & 7. (Wilkner-FL)
- 3375.1 **BRAZIL R. Municipal** São Gabriel da Cachoeira 0930-1010 Mx; good; 6/19 & 29. (Wilkner-FL)
- 3905 **PNG-NEW IRELAND R. New Ireland** Kaveing 0955 Below threshold lvl, but decent O/C; 1103 seemed //3204.96, 3260 & 3275 w/ NBC nat'l nx in EE; hovering slightly above threshold lvl w/ some audio coming through; strong carrier, but very little audio; ham QRM at 1133 & off the air by 1142; 7/8. (Howard-CA) 1018-1028 (P); Chatting in TokPisin; not carrying the EE NBC National Radio prgring as heard on 6040; audio today much stronger than yesterday; almost fair; 7/9. Also: Noted off the air again w/ checks at 0942 & 1024; so only a twoday reactivation?; has happened like this several times in the last year!; 7/10. (Howard-CA)
- 3915 **PNG R. Fly** Kiunga 1321-1340 Continue to have a short opening for this every day about this time; pop songs; 1328 several iRadio Flyi IDs; poor; unusable by 1340; 6/20. (Howard-CA) 0942-1038 Mostly in Tok Pisin; frequent IDs; pop mx, "Gypsy Woman", etc.; ID at 1007 started & ended w/ Irish mx; full ID w/ freqs including two for SW, but believe 5960 is still off the air; 1012-1030: PSA re road safety; 6/27. (Howard-CA) 0939 In Tok Pisin w/ nat'l nx; IDs & many ments. of ibeautiful Monday nighti; "Western Province", where R. Fly is located, etc.; W ancr in British accented EE playing pop songs; 1000-1010 EE interview re issues of boarding students; QRN; 7/9. (Howard-CA)
- 3985 **CROATIA Hrvatski Radio** Deanovec 0217 In Croatian; //9925 w/ a mix of M & W pop vcls; weak w/ static crashes; 7/9. (Coady-ONT)
- 4055 **GUATEMALA R. Verdad** Chiclayo 0203 Guitar instrumental of "That Old Rugged Cross"; 40dB sig; exc. audio; 6/8. (Parker-PA) 1039 I awoke briefly so checked whether R. Verdad was already on; make that Radio Truth, since they were devotional in EE; 6/28. (Hauser-OK) 1110 EE relg talk; 7/3. (Wilkner-FL) 0211 SS; M preacher w/ slow & deliberate delivery; ments. of iVerdadi & iJesusi; fair w/ static crashes; 7/9. (Coady-ONT) 1030 Immediate R. Truth ID in EE by Dr Madrid & asking for rpt; although his ancrment was clear; the audio just before & an EE hymn afterwards were somewhat distorted; has anyone caught them in a formal s/on circa 1000 now, or when?; good; 7/13. (Hauser-OK)
- 4319U **DIEGO GARCIA AFN** 0000-0020 Pop mx w/ DJ; best sig this year; 7/5. (Wilkner-FL)
- 4451.2 **BOLIVIA R. Santa Ana** Sta. Ana de Yacuma 2330-0000 The one noted here; 6/21. (Wilkner-FL)
- 4716.19 **BOLIVIA R. Yura** Yura 0032 Tenor vclst w/ exotic mx; good; 7/2. (Wilkner-FL) 4716.61 0055-0111 SS; W ancr w/ talk & occ. mx bits; ID ancrment at 0059; huayanays at 0100; ID ancrments at 0103 & 0107; fair in ECCS-LSB; 6/18. (Barbour-NH) 4716.645 0900 Noted here early; 7/14. (Wilkner-FL)
- 4747 **PERU R. Huanta 2000** Huanta 0035-0056\* SS; M & W ancrs in discussion; mx bridge at 0052 into "live" M ancrs; pulled the plug mid-sentence at 005; fair in ECCS-USB; 6/19. (Barbour-NH)
- 4750 **BANGLADESH Bangladesh Betar** Shavar 1234-1242 SC mx into the Monday only SAARC nx bulletin in EE; poor mixing w/ CNR-1; still no sign of RRI Makassar; 6/18. (Howard-CA)[good stuff OM-ed.]
- 4755.47 **MICRONESIA V6MP The Cross Radio** Pohnpei 0930-0940 Christian songs; 0938 ID: iHi, My name is Norse(?). I listen to the Cross Radio; poor w/ QRM; 6/27. (Howard-CA) 0945-1000 The one noted here; 7/5. (Wilkner-FL)
- 4765.04 **TAJIKISTAN Tajik Radio-1** Yangiyul 1832-1906 Vcls chants over instrumental mx; brief M ancr after each; M & W ancrs at 1859; M & W ancrs between mx bits; best heard in SSB w/ inter-filter; fast QSB & strong static crashes; poor; 7/6. (Serra-Italy)
- 4780 **DJIBOUTI RTD** Atta 1844-1908 AA; Chants & ancrments; two M ancrs between pop mx bits; mx break at 1900 into M ancr w/ (P) nx w/ a few ments. Djibouti; best heard in SSB w/ fast QSB & mild QRN; f-g; 6/20. (Serra-Italy) \*0324-0335 Late, abrupt s/on w/ AA talk; rustic lcl mx at 0326; poor in noisy condx; 6/22. (Alexander-PA) \*0258-0320 O/C until indigenous mx opening followed by M ancr w/ AA ID & opening ancrments; recitations; fair at first but fading rapidly; 7/6. (DiAngelo-PA) \*0317-0330 Abrupt & late s/on w/ AA talk; weak & poor in noisy condx; 7/8 & 16. (Alexander-PA) 1750-1806 M vcls & choral sing-song chant until ToH; best in USB w/ fast QSB & mild QRN; f-g; 7/2. Also: 2001-2014 Vcl chants & several ments. Djibouti; fair; 7/14. (Serra-Italy)
- 4780 **ECUADOR R. Oriental** Napo 0000, 1100 (T); Noted here w/ strong carrier; poor modulation; no sig on 4781.57 at the same time; 7/5. (Wilkner-FL) 4781.57 1108 Noted here w/ M ancr; 7/3; 1058 early s/on 7/4. (Wilkner-FL)
- 4800 **CHINA CNR-1** Geermu 2014-2046 CC; M ancr w/ talk; W ancr ment Zhongguo w/ some brief mx breaks & IDs; best heard in SSB w/ moderate static crashes; fair; 7/8 & 14. (Serra-Italy)
- 4810 **ARMENIA V. of Armenia** Yerevan 1913-1930\* AA; M ancr until 1917; lengthy ballad & lcl mx; 1929 ancrment then brief IS & s/off at 1930; best heard iN SSB w/ fast QSB & moderate static crashes; fair; 7/3. (Serra-Italy)

- 4815 **BRAZIL R. Difusora** Londrina 0215-0220 PP; Deep voxed M anc; good 20dB sig overcoming CODAR in USB; buried in digital QRM in LSB; 6/8. (Parker-PA)
- 4824.42 **PERU LV de la Selva** Iquitos 1000 M anc en espa ol into flauta andina; 1006 ID "La Voz de la Selva..banda tropical.."; 1024 vcl w/ percussion; several shouted ancments; good sig at 1035 recheck; not often b/cing at 1000; 6/12. (Wilkner-FL) 4824.49 1100-1120 S/on as early as 0930 in the last fortnight; 7/3. (Wilkner-FL) [nice!-ed.]
- 4825 **BRAZIL R. Cancao Nova** Cachoeira Paulista 0220-0223 PP; Traces of mx & talk; mostly buried in CODAR; poor; 6/8. (Parker-PA)
- 4826.52 **PERU R. Sicuani** Sicuani 0850-1030 Lengthy espa ol talk by M anc; seems the earliest Peruvian; 7/2 & 14. (Wilkner-FL) 4826.65 1015-1035 The one noted here; good; 6/12. (Wilkner-FL)
- 4835 **AUSTRALIA VL8A** Alice Springs 1841-1903 EE; M & W anc; w/ mx prg; iSinging in the rain; talk after each song; best heard in SSB w/ fast QSB S9+10 of peak; strong static crashes; p-f; 6/4. (Serra-Italy) 1147 Back to a full b/casting day; unlike yesterday's shortened sked; fair; best heard in LSB; 6/18. (Howard-CA) 1120 Listening w/ 1.6 filter to avoid splatter from 4840-WWCR; 6/23. (Wilkner-FL) 1842-1902 Pop mx & M anc in EE; Simon & Garfunkel song; M & W brief tlk; M anc w/ many ment. Australia; best heard in USB w/ NIR12; strong static crashes; poor; 7/9. (Serra-Italy)
- 4845.21 **BRAZIL R. Cultura Ondas Tropicas** Manaus 0003-0032 PP; Animated discussion w/ M anc; mx at 0014; M anc at 0029 thru t/out; fair in ECCS-USB; 6/19. (Barbour-NH)
- 4865 **BRAZIL R. Verdes Florestas** Cruzeiro do Sul 0220-0231 PP (P); Carrier w/ occ. traces of M anc; in the clear but poor at this time; 6/8. (Parker-PA)
- 4877.75v **BRAZIL R. Roraima** Boa Vista 0325-0400\* Brazilian ballads; PP ancments; s/off w/ NA at 0357; was on 4877.75 at 0325 t/in; drifting down to 4877.67 by s/off; better than usual; still somewhat distorted & wobbly, but readable; sometimes just a blob of noise; 7/13. (Alexander-PA) 4877.88v 0345-0402\* PP pop mx & talk; s/off w/ NA at 0358; v. poor w/ unstable, wobbly, v. distorted sig; 6/21. (Alexander-PA) 4878.1 0232-0235 Horribly distorted audio; in the clear w/ 30dB sig; some mx & boisterous M anc; stn obviously having some major problems this evening; 6/8. (Parker-PA) 0030-0100 Drifting & poor modulation; 7/2. (Wilkner-FL)
- 4885 **BRAZIL R. Clube do Para** Belem 0237-0243 PP; Boisterous M anc in coversation w/ W via phone; 30db sig; fair; 6/8. (Parker-PA) 4885.02 0041-0051 PP; Mx prg w/ ballads & chorus IDs as "Radio Clube!"; W anc from 0049; best heard in LSB w/ inter & notch filters to almost null strong het; fast QSB & strong static crashes; almost fair w/ strong audio; 7/8. (Serra-Italy)
- 4895 **BRAZIL R. Novo Tempo** Campo Grande 1000-1220 M anc & mx; 7/2; 0030-0040 Brazpops; 7/3. (Wilkner-FL)
- 4910 **AUSTRALIA VL8T** Tennant Creek 2132-2152 EE; //4835 & 5025; W anc w/ correspondents; ment. ABC news, Australia; 2140 M ancments; best heard in USB w/ inter-filter to almost null Tibet-4905 & 4920; fast QSB & strong static crashes; poor; 7/14. Serra-Italy)
- 4914.96 **BRAZIL R. Difusora de Macapa** 0309-0403 PP (P); M anc w/ talk & "howling" over ballads; best heard in SSB w/ NIR12; fast QSB & strong QRN crashes; poor; 6/23. (Serra-Italy) 4914.97 0054-0136 M anc w/ ballads & countless ments. ".Radio Macapa; best heard in SSB w/ strong audio; fast QSB & strong static crashes; fair; 7/8. (Serra-Italy) 4915 0246-0250 PP; M anc banter w/ W over phone; slow ballad w/ M crooner; 40dB sig w/ exc. audio; good; 6/8. (Parker-PA) 0912 M anc w/ Macap  ID; "Bom Dia"; woman vcl until 0930 when co-ch. Brasil, Radio Daqui Goi,nia s/on; in SSB w/ both on exact freq; 7/13. (Wilkner-FL)
- 4915 **BRAZIL R. Daqui** Goi,nia 0930 Brazpops & ballads; strong sig; 7/2. (Wilkner-FL)
- 4930 **BOTSWANA VOA** Moepeing Hill 0255-0300 EE; Mostly weak but readable w/ clear EE IDs & IS at ToH; improving thereafter; 6/8. (Parker-PA) 0303 African-accented M w/ nx into iDaybreak Africa! at 0305; good w/ static crashes; 7/9. (Coady-ONT)
- 4935.2 **BRAZIL R. Capixaba** Vitoria 0301-0305 Traces of mx & M anc; v. weak & poor; 6/8. (Parker-PA)
- 4940 **CHINA V. of the Strait** Fuzhou 1040 CC; M anc w/ talk & ballad; good w/ static crashes; 7/9. (Coady-ONT)
- 4940 **PERU R. San Antonio** Atalaya 2330-0000 Weak here but IDed by XM-Cedar Key & several others per Facebook request; 6/21. (Wilkner-FL) 1035 Ment.s de "provincia de..ahora..republica.." brief mx bridge; 1050 W anc over flauta andina; f/out at 1100; 7/12. (Wilkner-FL)
- 4950 **ANGOLA R. Nacional** Mulenvos 0200 PP; Pips & W anc w/ ID; M & W anc; w/ nx & correspondent rpts; fair w/ static crashes; 7/9. (Coady-ONT)
- 4985 **BRAZIL R. Brasil Central** Goiania 0307-0309 M anc w/ ballad; choral mx; 30dB sig; f-g; 6/8. (Parker-PA) 0117 PP; M anc w/ Braspops; familiar '70s era cover tune; // 11815; fair in ECCS-LSB; 6/18. (Barbour-NH) 0251-0303 (P); M anc w/ Brazilian intonation; mx; best heard in LSB w/ inter-filter & NIR12; just above the QRN; barely audible; v. poor at times; 6/23. (Serra-Italy)
- 4986.34 **PERU R. Manantial** Huancayo 0030-0140 Noted here on several rechecks; 6/20. (Wilkner-FL) 0050-0100 Has been on each night since then same time; 6/29. (Wilkner-FL) [UTC?-ed.] M anc w/ mx mix; 2351 laser sounds; 2358 "emisora Manantial" tent. under T- storm; 0010 seeming relg vcl; same M anc w/ mx at 0025; 0105 sig under UTE pings; 7/9 & 10. (Wilkner-FL)

- 4990 **SURINAME R. Apintie** Paramaribo 0945-0958 M anc; rough copy; f/out; has similar fade pattern w/ 3290-Guyana which is much stronger in the 0900-1000 opening; [date?-ed.] (Wilkner-FL) 0930-0945 (T); Noted here; under modulated; 7/5. (Wilkner-FL)
- 5010 **MADAGASCAR RTV Malagasy** Antananarivo 1931-1952 M anc in vern.; banter ment. Madagascar; Afropops; best heard in USB inter-filter; fast QSB & strong static crashes; poor; 6/19. (Serra-Italy) 0305-0340 Carrier + USB; Malagasy talk; African choral mx; p-f; 6/24. (Alexander-PA) 0332 FF; W anc; animated W anc interviewing M from 0339; fair w/ static crashes; 7/9. (Coady-ONT) 0300-0325 In full AM mode for a change; Malagasy talk; some African choral mx; poor in noisy condx; 7/15. (Alexander-PA)
- 5019.9 **SOLOMON ISLANDS SIBC** Honiara 1032 Wonderful recep of coverage of the closing ceremony of the Solomon Islands Festival of Pacific Arts from Honiara; speech by Festival Chairperson Doreen Kuper in EE w/ audio hum; iAll good things must end and we have come to the end of the biggest event in our nation's history; 5  $\Omega$  minute MP3 audio of speech at <https://www.box.com/s/88ebe355a297a4303bff>; 7/15. (Howard-CA)
- 5025 **AUSTRALIA VL&K** Katherine 2207-2222 EE; //4835 from 2215; talk ment. Australia; brief IS at 2215 into W anc w/ nx & correspondents; best heard in SSB w/ inter-filter & NIR12; fast QSB & strong static crashes; from 2211 Slavic voice QRM at times in USB for some minutes; poor-v. poor; 07/13. (Serra-Italy)
- 5025 **CUBA R. Rebelde** Havana 1058 W anc in SS; good; 7/3. (Handler-IL)
- 5050 **USA WWRB** Manchester 0212-0217 EE; Souther preacher; bluegrass gospel "Are You Saved?" & other mx; typical 80dB sig; exc.; 5/27. (Parker-PA)
- 5110U **USA WBCQ** Monticello 0130 World Of Radio 1623 monitoring; confirmed on Area 51 from 0130:30; sufficient recep holding its own against the summer noise lvl; 6/30. (Hauser-OK)
- 5580.2 **BOLIVIA R. San José** San José de Chiquitos 0900-1000 First time heard this early; noted from 2330 recently; [date?-ed.] (Wilkner-FL)
- 5755 **USA WTWW** Lebanon 0400 World Of Radio 1622 monitoring; confirmed on WTWW; once again like Thursday, the ID causes my opening to be upcut in progress; 6/24. (Hauser-OK)
- 5790 **UNITED KINGDOM BBC** Skelton 0341 AA; Ancr w/ talk; ID; 60dB sig; exc.; 6/15. (Parker-PA)
- 5875 **ASCENSION ISLAND BBC** English Bay 0345 EE; Ancr w/ talk; poor off the back of the beam; 6/15. (Parker-PA)
- 5900 **SOUTH KOREA MND** Radio 1222-1231\* KK; Assume this is ex-6135; strong sig w/ slight hum; 1227 KK song until off; no jamming; also heard underneath strong white noise jamming on 6230; MP3 audio at <https://www.box.com/s/b7dc5da1f6d5458e13f1>; 6/19. (Howard-CA) 

5901-3000 kHz

## International Band Loggings

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- 5910 **COLOMBIA R. Alcaraván** - Pueblo Lleras, 0303-0322 prgm of lively Latin vocals; M anc with ID and freq. ancmt in SS. More lively music. Fair. 7/4/12 (D'Angelo-PA) Also 0348 in SS with highlife mx, ID. Excellent. 6/15/12 (Parker-PA) Also 0748-0806 SS; Two M anc in discussion w/ pips under talk at ToH; discussion continuing thru-out; fair. 6/19/12 (Barbour-NH)
- 5915 **ZAMBIA ZNBC** 0245-0310 tune-in to Fish Eagle IS. Choral National Anthem at 0254. Vernacular talk at 0256. Some local Afro-pop music. Poor to fair. 6/29/12 (Alexander-PA)
- 5940 **BRAZIL Voz Missionaria** Camboriú, 0354-0400 in PP with M preacher, rig sx. Fair. 6/15/12 (Parker-PA)
- 5952.43 **BOLIVIA Radio Pio Doce** (presumed), 0137-0151, In SS indigenous songs; chatting on the phone; covered by RTI trx on at 0149 on 5950; poor with QRN 6/19/12 (Howard-CA)
- 5995 **AUSTRALIA R. Australia** 1227 w/ interesting item on language diversity concluding 'Asia-Pacific' show; good signal here. 6/25/12 (Hauser-OK)
- 5995 **MALI RTVM** \*0559-0610 sign on with flute IS at 0559. Vernacular talk at 0601. Local tribal music at 0602. Poor. Weak in noisy conditions. 7/5/12 (Alexander-PA) Also 2340-0001\* w/local tribal music. Afro-pop music. FF ancmts. Sign off with National Anthem at 0000. Modulation stronger than usual, but still weak. 6/30/12-7/1/12 (Alexander-PA)
- 6010 **COLOMBIA LV de tu Conciencia** (p) Puerto Lleras 0812-0832 June 19 SS; M & W anc in w/ brief talk between ballads & instrumentals; tent. ID ancmt at 0818; weak (Barbour-NH)
- 6015 **ZANZIBAR ZBC** Late starting (usually hear IS about 0257); not heard through 0308 tuned away, but was heard at 0316 with better than normal reception; usual OM with monologue; 0329 African song; another monologue till 0339 Islamic chanting. Recently starting time and format has been irregular! 6/11/12 (Howard-CA)

- 6034.74 **BHUTAN BBS** 1407-1502. In vernacular and SS. Several times today heard the same indigenous instrumental theme music as heard on BBS on 5030 back on Dec 15. From 1427 to 1458 YL chatting on the phone with different people; 1458 theme music and seemed to be an ID in SS; into assume the news in SS as reported by Victor; poor. Must be full power now; strong enough to overpower PBS Yunnan. 6/30/12 (Howard-CA)
- 6070 **CANADA CFRX-Toronto** 1209 with talk about Tiger Woods, "Newstalk 1010" ID. Excellent. 6/4/12 (Parker-PA)
- 6130 **LAOS Lao National Radio** - Vientiane, 1400-1410. Theme music; into SS; ID "This is the Lao National Radio"; M&W alt. with the news items; poor. Yesterday's non-SS must have been due to it being the weekend. 6/19/12 theme music and into SS at 1402. 6/18/12 (Howard-CA)
- 6134.8 **BOLIVIA Radio Santa Cruz** 0123-0210\* Latin vocals hosted by a man anc with SS talk, IDs and ancmts. Nice ID string at 0126 followed by more music. At 0204 long sign off routine with ID and frequency ancmts followed by Santa Cruz song. Good signal. 7/7/12 (D'Angelo-PA)
6135. **MADAGASCAR R. Madagasikara** 1342-1405 (formerly on 6135.2.) In FF; speeches with applause; some audio problems with segments very muffled, but mostly had good audio; 1356 IDs and ads via long path. 6/30/12 (Howard-CA)
- 6155± **BOLIVIA Radio Fides** 0020-0036 SS talk. SS pop music. Weak but readable. Covered by India at a late 0036 sign on. // 11620. 6/28/12 (Alexander-PA) Also (presumed), 0153-0200\* in SS w/ pop songs; 0155 choral National Anthem(?); weak with QRN. 6/19/12 (Howard-CA)
- 6165 **ZAMBIA ZNBC** at 0255 with African High Life Music then killed by Voice of Turkey IS at 0257 - Fair with static crashes 7/10/12 (Coady-ONT) Also heard Radio 2, 0341-0445 no trace of Chad; in SS; 0341-0400 pop songs; 0400 drums; into the news; 0408-0445 Hi-Life Afr. songs/ music; poor with QRN, but clear ID for "Radio 2, the natural choice". 6/11/12 (Howard-CA)
- 6185 **MEXICO XEPPM** 0203 with good mod. and no ACI from either side; talk about Turquia, Malta 6/25/12 and also 0458, Dixieland music, undermod. 6/19/12 both (Hauser-OK)
- 6973 **ISRAEL Galei Zahal** 0140-0246 pop music program hosted by M anc with Hebrew talks. ID at 0200 by a W anc who followed with brief newscast. Return to pop music at 0203. Poor to fair and 7/7/12 (D'Angelo-PA) Also 2345-2400 SS rap music. Traditional local music. Hebrew talk. Weak but readable. // 15850 - fair to good. 7/3/12 (Alexander-PA)
- 7175 **ERITREA Voice of the Broad Masses** 2nd Program at 0307 in AA with a man with talk and into Horn of Africa vocals - Good with static crashes 7/10/12 (Coady-ONT)
- 7180 **ERITREA Voice of the Broad Masses of Eritrea** 0301-0315 now on this frequency tonight. ex-7175, 7185. Vernacular talk. Horn of Africa music. Fair. 7/6/12 (Alexander-PA)
- 7185 **ERITREA Voice of the Broad Masses of Eritrea** 0258-0320, July 4, ex-7175, at least for tonight. Tune-in to IS. Vernacular talk at 0300. HoA music. Fair level but an overall poor sig. due to HAM QRN. // 9705.03 - fair level, but mixing with Ethiopia 9705. 7/4/12 (Alexander-PA)
- 7200 **MYANMAR Myanmar Radio** 1146 in vernacular. 6/25/12 (Howard-CA)
- 7245 **MAURATANIA R. Maurataine/IGIM** 0119, in AA. Long talk by M ham QRM. Fair to poor. 6/30/12 (Taylor-LFP-WI) Also 0532 lively W Afr. music, poor sig. 6/22/12 (Hauser-OK). Also 0655-0713 M anc with AA talk. ID at 0657 followed by brief recitation. ID 0700 then short vocal and another ID. A M read the news. Good sig.. 7/7/12 (D'Angelo-PA)
- 7255 **NIGERIA VON** 2245-2259\* talk in listed Hausa. Some short breaks of Afro-pop music. Sign off with National Anthem at 2258. Xmtr remained on the air past 2305 with test tone. Strong signal but also a strong whine. Overall poor signal quality. 6/24/12 (Alexander-PA)
- 7289.96 **INDONESIA RRI** Nabire, 0744-0842\* in Bahasa Indonesia; prgm of children singing till 0804; distinct ID: "Programa Satu, Radio Republik Indonesia Nabire"; into show of EZL pop songs; one seg. w/monologue; sig. improving to almost fair. Pos. ID 0:12 6/21/12. Also randomly 0908 to 1016\*. The longest bc I have ever heard here; normally suddenly pull plug sometime after 0800. In Bahasa Indonesia; pop songs; several segs of monologue; some Gamelan music; seemed to be a real s/off; 1011 song partially in SS at sign off; 6/26/12 both (Howard-CA)
- 7295 **MALAYSIA Traxx FM via RTM** 1124. DJs with promo for the Rainforest World Music Festival. The most common ID is now "Radio Malaysia Traxx FM". 6/26/12 (Howard-CA)
- 7324.95 **PAPUA NEW GUINEA Wantok Radio Light** 0750-0930. In SS and Tok Pisin. Christian songs; preaching about finances by Dr. Adeyemi; NBC National News in SS; "Wantok Radio Light's management thanks the National Broadcasting Corporation for allowing us to relay the daily bulletin. Join us at 7 AM for the next N-B-C National News". 6/29/12 (Howard-CA)
- 7506.35 **USA WRNO** 0204 preacher talking instead of gospel rock; somewhat undermodulated on good sig. strength, but not much distortion. 7/6/12. Previous sch. was 0100-0400 only during DST, and they cut off abruptly mid-music a few secs past 0400\*. 7/8/12 (Hauser-OK)
- 8989u **NICARAGUA "The Pescador Preacher"** 2305-2350 in SS, M talking at t/in, then QSOs with various other M, presumably fisherman. Just above the noise floor but quite audible with a low-noise antenna on a heading of 170 degrees. Still going strong and gaining strength at t/out, p-f. 6/15/12 (Parker-PA)

- 9400 **ARMENIA IRRS** Yerevan 2154-2200\* man ancr in SS preaching (Brother Stair) with ments of Overcomer Ministry. Off without any IRRS ancmts. Poor to fair. 6/27/12 (D'Angelo-PA)
- 9410 **GERMANY Bible Voice Middle East** 0400 Started after end of BBCWS on this frequency; Full ID in SS as "Bible Voice Middle East", into program in presumed Luri 7/7/12 (Brandi-NJ)
- 9410 **SEYCHELLES BBC WS** Mahe EE w/ID pips, music prgm. Fair. 5/25/12 (McGuire-MD)
- 9470 **RWANDA Deutsche Welle** 0453-0457\* in EE with prgm about soccer, abrupt off in mid prgm. Excellent. 6/19/12 (Parker-PA)
- 9500 **CHINA CNR 1** - Shijiazhuang, 1214, in Mandarin. Woman, light hearted vocal with flute. Fair// 7345 ( Beijing ) - Fair; 9810 ( Nanning ) - Fair. 6/24/12 ( Taylor, Lake Farm-WI )
- 9558v **OPPOSITION Voice of Peace and Democracy via Ethiopia** (Targeting Eritrea) \*0358-0430\*, s/ on w/HoA music. Opening ID ancmts at 0359 and vernacular talk. Some HoA music. Poor to fair in noisy conditions. Varying 9558.64 - 9558.71. Weak on // 7234.30v-7234.47. Mon, Wed, Fri only. 7/6/12 (Alexander-PA)
- 9580 **GABON Africa Numero Un**, 2247-2300\* discussion program with several men talking in FF. At 2257 ID by a man ancr followed by tribal vocals. A woman gave ID and formal sign off ancmts at 2259 over instrumental music. Fair to good. 6/20/12 (D'Angelo-PA)
- 9595 **JAPAN R. Nikkei** (P), 1223, in JJ. Jazz, M&W talking. Fair. (Taylor Lake Farm-WI) 1318-1325 with SS lesson explaining in JJ various expletives. Good. 6/25/12 (Hauser-OK)
- 9625 **JAPAN Radio Japan** Yamata 1005 ID in SS, reports about RR-JJ relations, corruption in Afghanistan, baby giant panda, Higgs boson; watery trans-polar sound. 7/5/12 (Brandi-NJ)
- 9625 **CANADA CBC** Northern Quebec Service 2315 EE with News. Fair. 6/15/12 (Fraser-ME)
- 9635 **MALI RTVM** \*0759-0810 s/on with flute IS and opening FF ID ancmts. Vern. talk at 0800. Fair at 0759 s/on but dropped down to weak modulation at 0800. 6/16/12 (Alexander-PA)
- 9655 **NEW ZEALAND RNZI** 1110 SS w/M presenter interviewing a M about a Treaty. Fair. 7/3/12. (Handler-IL)
- 9655 **ALASKA KNLS** 0846- July 5, good signal in Russian, "This is my father's world", into gospel rock in SS; KNLS as in their sch. RR this hour. (Hauser-OK)
- 9665 **MOLDOVA R. PMR** 2230 EE w/pips, ID, report on Russia. Good. 6/5/12 (McGuire-MD)
- 9690 **NIGERIA VON** \*0759-0805, July 5, sign on with IS with local instruments. Talk in listed Hausa. Poor in noisy conditions. (Alexander-PA)
- 9704.99 **NIGER V du Sahel** 2101-2301\* audible after Ethiopia 9705 s/off at 2101. Local Afro-pop music. Euro-pop music. FF/vern. ancmts. Local chants at 2256. Short flute IS and Nat'l Anthem at 2259. Ten sec. test tone at 2301 and off. Weak to fair by 2215. 6/30/12 (Alexander-PA)
- 9705 **CHINA PBS Xinjiang** Urumqi (P), 1248, in Kygyr. Unique group singing. Poor. (Taylor, Lake Farm-WI)
- 9740 **SINGAPORE BBC** Kranji 1254 (P), in SS. Article on cultural differences in the UK .Fair. (Taylor, Lake Farm-WI) Also 1100 last news originating from Bush House 7/12/12 (Handler-IL)
- 9745 **usb BAHRAIN R. Bahrain** 2357-0020 Audible at Romania signed off at 2357. Trad. local mx, local pop mx, ballads. Poor. Weak readable in noisy conditions. 7/5/12-7/6/12 (Alexander-PA)
- 9760 **CYPRUS Cyprus Broadcasting Corp** \*2215-2244\* s/on w/Greek theme music. Discussion in Greek. Good. // 5925 - very weak. // 7220 - on the air at 2218 with a fair to good signal. Fri, Sat, Sun only, but irregular 6/16/12 (Alexander-PA)
- 9870 **OPPOSITION Radio Voice of the People** via Madagascar (Targeting Zimbabwe) \*0400-0458\*, s/ on w/local Afr. music and opening ID ancmts. Vern. talk. Some local African vocals. IDs. SS at 0444-0458, but difficult to understand due to accents. Fair to good. 7/8/12 (Alexander-PA)
- 9830 **TURKEY VOT** 2200 EE with IS, ID, freq sch, news. Good. 6/5/12 (McGuire-MD)
- 9835 **MALAYSIA RTM** 1204, Qur'an with fair signal, no doubt the RTM relay from Sarawak via KL back to Sarawak. Sunset at Kuching was 1046, KL 1124. 6/18/12 (Hauser-OK) Also RTM Sarawak FM - Kajang, 1306, in Malay. M ancr with talk including "RTM Sarawak FM", 2nd OM, into fast moving section with 2nd ancr joined by W with many musical bridges. Fair. (Taylor, Lake Farm-WI)
- 9910 **GUAM Trans World Radio KTW** 1244 abrupt sign off 1246 with Mandarin by W along with musical bridges. Poor signal. 7/1/12 (Handler-IL)
- 9920 **PHILIPPINES FEBC** Bocaue, carrier heard at 1241 with traces of W talking, poor. 6/4/12 (Parker-PA)
- 9925 **GERMANY Croatian Radio-Voice of Croatia** Werchatel EE 2220-2225 news program also with sports. Good. 6/15/12 (Fraser-ME)
- 9950 **OPPOSITION Nippon no Kaze** (P) via Taiwan (Targeting DPR Korea) 1325, in Korean. W w/ short poetic like sections over music, then perhaps spell out names. Fair. (Taylor, Lake Farm-WI)
- 9960 **OPPOSITION Furusato no Kaze** 1430 .JJ s/on w/W ancr sign on. JBA sig 7/1/12 (Handler-IL)
- 9960 **OPPOSITION Khmer Post Radio** via Palau (Targeting Cambodia) 1214-1240 and 1256-1300. music and Khmer talk. Fair 6/27/12 (Handler-IL)
- 9960 **OPPOSITION Khmer People Power** (p) via Palau 1244 talking including a male presenter in listed Cambodian/Khmer. Possible jamming on frequency. Poor. 7/8/12. (Handler-IL)
- 11300 **OPPOSITION Sound of Hope** via Taiwan (Targeting PR China) 1212 Religious song and spelled out: "w-w-w-s-o-o-u-n-d-o-f-h-o-p-e-o-r-g" followed by "Sound of Hope" in SS; poor. Consistent with their IDs! 6/19/12 (Howard-CA)

- 11530 **OPPOSITION Denge Mezopotamya** via Ukraine (Targeting Kurdistan Region) \*0300-0330 sign on with 40 seconds of local chants and into Kurdistan National Anthem. Indigenous music at 0304. Fair to good. 6/23/12 (Alexander-PA)
- 11580 **GUAM TWR-KTWR** (p) 1114 in listed Vietnamese with M anc. Fair. 7/3/12. (Handler-IL)
- 11595 **OPPOSITION Democratic Voice of Burma** via Armenia, \* 2330-0030 s/on w/local music and talk in Burmese. Short breaks of local music. Many ments of Myanmar. Good. 6/23-6/24/12 (Alexander-PA)
- 11600 **LIBYA Radio Télévision Libye - Radio Libye** 1737-1807\* FF talk. Lite instrumental music. FF ballads. IDs. Poor to fair. 6/22/12 (Alexander-PA)
- 11665 **MALAYSIA Wai FM** via RTM 1310 Good in vern. with singing IDs and station promos. 6/19/12 (Howard-CA)
- 11690 **OPPOSITION R. Okapi** via Meyerton, South Africa (Targeting Democratic Rep. Of the Congo) 0449-0455 in listed Lingala, faced paced talks by two W, bridges consisting of a couple of notes of aboriginal mx. Excellent. 6/8/12 (Parker-PA)
- 11700 **FRANCE RFI** Issoudun 0448 in FF with talks, excellent.. 6/8/12 (Parker-PA)
- 11711+ **ARGENTINA RAE** 0200 SS s/on w/fair and fluttery sig. 6/26/12 (Hauser-OK) Also 0206-0233, SS about whale watching in Patagonia; pop songs; review of an interview about the UN Committee on Decolonization and the disputed Malvinas Islands. Fair. 6/19/12 (Howard-CA)
- 11715 **VATICAN Vatican Radio** Santa Maria di Galeria, 0445 in AA with talks over violin, excellent. 6/8/12 (Parker-PA)
- 11725 **NEW ZEALAND RNZI** 0510-0535 in EE, police association spokesman wants a disarmed populace and well armed policeman, excl. 6/8/12 (Parker-PA)
- 11740 **ROMANIA RRI** 1715 EE report on Euro Monetary Union. Fair. 6/12/12 (Fraser-ME)
- 11765 **BRAZIL Super R. Deus e Amor** Curitiba, 0435-0440 in PP, talk show with M host, W guest via telephone. excellent. 6/8/12 (Parker-PA)
- 11780 **BRAZIL R. Nacional da Amazonia** Brasilia, 0431 -0434 in PP, talk show with W host, W guest via telephone. excl. 6/8/12 (Parker-PA)
- 11795 **ROMANIA RRI** Tiganesti, 2338-2357\* prgm Romanian folk mx M anc in SS hosting W with ID at 2249 then talk and some more music. M&W team closed broadcast / ID, freq. ancmt and close of SS lang. Prgm. .IS followed until carrier cut. Fair to good. 6/20/12 (D'Angelo-PA)
- 11800 **OPPOSITION Sudan R. Service** Darfur via Dhabayya, UAE (Targeting Sudan Region) 0427-0431 in AA, talks f/by AA pops. Excellent. 6/8/12 (Parker-PA)
- 11815 **BRAZIL Radio Brasil Central** 2304-2332 prgm of Brazilian pop vocals hosted by M anc w/PP talk. Several jingle IDs w/canned ID and freq. ancmts at 2324. 6/20/12 (D'Angelo-PA)
- 1820 **OMAN BBC** WS 0427 in AA with ments of Pakistan, Excellent 6/8/12 (Parker-PA)
- 11855 **CYPRUS BBC** WS via Limassol, 0418-0421 in Farsi with talks, excellen 6/8 12 (Parker-PA)
- 11870 **OPPOSITION Radio Biafra London** via Germany (Targeting Biafra-Nigeria) \*2000-2100\*vern. talk. Occasional SS. Very weak-threshold copy at s/on. Weak but readable in noisy conditions by 2018. Improved to a fair level by sign off. Thur, Sat only. 7/7/12 (Alexander-PA)
- 11880 **ROMANIA RRI** 2030 EE w/IS, ID, news. 5/27/12 (McGuire-MD)
- 11895 **GUAM Trans World Radio-KTWR** (p) 1047 female anc in Mandarin language. Poor. Re-checked 1117 and fair to good signal with female anc in Mandarin. 7/3/12. (Handler-IL)
- 11905 **MADAGASCAR VOA** via Talata Volonondry 0413-0417 in listed Kinyarwanda, talks f/by Afro-pops, Excellent. 6/8 /12 (Parker-PA)
- 11945 **SEYCHELLES BBC** WS via Mahe, 0403-0406 with nx, collapse of millions of honeybee colonies throughout the world, excellent. 6/8/15 (Parker-PA)
- 11945 **AUSTRALIA R. Australia** 0800 ID briefs into same M ID and reading nx w/ some corresps (ment ABC news and Radio Australia news) till 0805; arugby match live w/ some commentaries by M & W 06/16/12 (Serra-Italy)
- 11945 **PHILIPPINES/AUSTRALIA R. Veritas** (p) 1048 Mandarin on top with R. Australia in SS underneath. At 1117 R. Australia was on top and R. Veritas was underneath. 7/3/12. (Handler-IL)
- 11960 **UNITED KINGDOM Polskie R.** via Woofferton, 1731 -1734 in Russian with talks, ID. Excellent. 6/3/12 (Parker-PA)
- 11970 **ROMANIA RRI** Galbeni, 1724-1731 in Romanian with pops and into Marlene Dietrich singing "Lili Maraine" in EE, good-excellent w/ QSB, 6/3/12 (Parker-PA)
- 11990 **OPPOSITION Radio Damal** via Woofferton, UK (Targeting Somalia) 1923-1929\* only heard an open carrier at various checks between 1830-1905. Qur'an at 1923 tune-in. Local Middle-Eastern style music at 1924-1929\*. Good. 6/24/12 (Alexander-PA)
- 12005 **TUNISIA IWT** 0438- music w/AA narrative, weaker on 17735. 7/8/12 (Hauser-OK)
- 13580 **CYPRUS BBC WS** 0413 in Farsi, M anc interviewing M on telephone, excl. 6/15/12 (Parker-PA)
- 13660 **CYPRUS BBC WS** 0424 in AA with talks, excl. 6/15/12 (Parker-PA)
- 13685 **FRANCE RFI** Issoudun, 0426 in FF with talks, excl. 6/1512 (Parker-PA)
- 13695 **INDIA AIR** 1203, S Asian pop music good w/flutter. 6/21/12 (Hauser-OK)

- 13775 **RUSSIA VOR** 0424-0440 in EE, two W chatting about finances and living conditions in Russia, Good fight QSB 6/15/12 (Parker-PA)
- 14950.74 **COLOMBIA Salem Stereo** Rioblanco, Tolima, 1241 JBA carrier bit of music faded in at 1243. 7/8/12 Also 1640- JBA carrier audible no doubt from Salem Stereo, which appears to be running 24 hours now. 7/6/12. R exception peaks in the evening here 0128, poor with song about vergüenza, better at 0449 with gospel ranchera. 7/7/12. (Hauser-OK) Also \*2245-2320+ SS music. SS talk. Very Weak in noisy conditions. Weak but readable on peaks. Varying up to 14950.75. It appears the SW frequency is approximately 2 minutes ahead of their webcast at www.salemstereo.co/ 7/4/12 (Alexander-PA)
- 15110 **RUSSIA R. Tatarstan** via Samara, 0443-0452 in Tatar. Excellent prgm of operatic-type folk mx, M and W discussing mx between sx. In the clear with excellent signal. 6/15 (Parker-PA)
- 15110 **SPAIN REE** 2200 SS w/pips, ID, news. Good. 6/12/12 (McGuire-MD)
- 15120 **NIGERIA VON** 0452-0501 in EE, start-up alternating between a fascinating IS consisting of random notes played on indigenous instruments and a M ancr with "This is the Voice of Nigeria, Abuja", f/by anthem at :59 and W with ID and freq. In the clear. Good=excellent. 6/15/12 (Parker-PA) Also 0604- news in progress, good signal and the hum-whine isn't too severe, but 7/3/12 (Hauser-OK) Also 0750-0757\* FF talk. Local Afr. music. Fair. 7/5/12 (Alexander-PA)
- 15170 **SAUDI ARABIA BSKSA** 0507 in AA with talks f/by Koran chants. excl. 6/15 (Parker-PA) Also 0516- Qur'an recitation. 7/5/12 (Hauser-OK)
- 15190 **EQUATORIAL GUINEA R. Africa** 1929- hymn, 1930 7/3/12 (Hauser-OK)
- 15191.24 **BRAZIL R. Inconfidência** 0129, poor signal with pop music. At 0518 it's audible with music in the absence of Bata. 6/30/12 (Hauser, OK)
- 15225 **GERMANY AWR** via Wertachtal 0516 in AA with talks, excellent. 6/15/12 (Parker- PA)
- 15235 **CANADA RCI** 2100 FF w/ID, Report on Syria. VG. 6/12/12 (McGuire-MD)
- 15240 **AUSTRALIA R. Australia** Shepparton, 0517- in EE with talk about EU economics, excellent. 6/15/12 (Parker-PA)
- 15275 **THAILAND Radio Thailand** 0017-0029\* here with poor signal with M&W alternating news items in SS.Nice PSA's and IDs.Carrier was cut during an interview. 6/23/12 (D'Angelo-PA)
- 15344.1 **ARGENTINA R. Nacional** random listening from 0140 to 0304\* In SS play/drama till 0228 ID and list of actors in the play; into prgm of nice jazz; 6/18/12 (Howard-CA)
- 15349 **MOROCCO RTV Marocaine** (p) 2040 with AA music and at 2042 female ancr speaking AA. Fair. 7/4/12. (Handler-IL)
- 15400 **OPPOSITION R. Dabanga** via Madagascar (Targeting Sudan) 0447- VG signal but audio is very rough, probably 10-bit internet feed somewhere in the process; much weaker //11650 via Vatican seems to have the same problem at 0455. 7/8/12 (Hauser-OK)
- 15420 **OPPOSITION Radio Free Sarawak** via Palau (Targeting Malaysia) , 1059-1200\* ID at 1100. Vernacular talk. Some instrumental music bridges. Many mentions of Sarawak . Poor to fair. 6/29/12 (Alexander-PA) Also 1155-1159\* vern. IDs and playing indigenous music before going off a few seconds before 1200. 6/20/12 (Howard-CA)
- 15540 **KUWAIT R. Kuwait** (p) 2043 song in progress, 2045 another song. Fair. 7/4/12. (Handler-IL)
- 15720 **NEW ZEALAND RNZI** 2105 SS. program about the history of Papua New Guinea . Fair signal with mod. Fading. 6/23/12. (Handler-IL)
- 15725 **OPPOSITION Voice of South Sudan Revolutionary Radio** via Tajikistan (Targeting Sudan Region) \*0502-0515 sign on with African tribal music. ID at 0505. Talk in presumed AA. Poor to fair in high noise level. 7/8/12 (Alexander-PA) Also 0525- July 8, Arabish talk, fair signal 7/8/12 (Hauser-OK)
- 17545 **ASCENSION Family Radio Intl** 1704, SS.man readings scriptures. Fair with fading. 6/23/12. (Handler-IL)
- 17550 **KUWAIT Radio Kuwait** 2156, AA.male printer speaking with male guest by phone. Fair signal. 6/23/12. (Handler-IL)
- 17680 **CHILE CVC La Voz** 1712.music and SS talk by two female presenters. Very good. Also heard 2157 with female SS language presenter. Excellent. 6 /23/12 (Handler-IL)
- 17735 **TUNISIA RTV Tunisia** 1715 AA prgm by male presenter. Fair signal. 6/23/12. (Handler-IL)
- 17735 **SRI LANKA R. Liberty** Iranawila, 1220- brief SS clips voiced over in mixture of Slavic and Central Asian language, fitting for scheduled Kyrgyz 7/5/12 (Hauser-OK)
- 17745 **OPPOSITION Sudan Radio Service** via Wofferton, United Kingdom (targeting the Sudan Region) 1636 EE w/report about Sudan. Fair. 6/12/12 (Fraser-ME) Also 1656.music and with AA language broadcast 1658 ID by W and talk with music background until abrupt sign off at 1659+. 6/23/12. (Handler-IL)

Hello all. A question for the readers of this column. Do you prefer the date of each logging be listed at the end of each logging log or toward the beginning, right after the time? Please reply by email or post. Good Dx-Steve



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