

The **NASA** Journal

VOLUME XLXII NUMBER 6

JUNE 2012

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LATINOAMERICA

"GRIGOTA"



radio

ONDA CORTA 4.825 Kis. 60 Mts.
ONDA MEDIA 1.340 Kis. 223 Mts.

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PL-390 Order #5594 \$69.95



PL-398MP

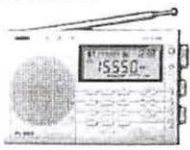


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PL-398MP Order #1398 \$99.95



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The **TECSUN PL-660** is an midsize portable radio covering AM, long wave, shortwave, VHF air and FM bands. The radio comes with an awesome 2000 memories: 100 AM/FM/LW/Air, 200 SW, 200 SSB and 1200 for various bands (12x100). Features include dual timer, sensitivity, backlit display, SW/FM external antenna jack, SSB reception, stereo FM (to earphone jack), synchronous detection, keypad entry, dual conversion, manual tuning, scanning, DX/Normal/Local gain, and ATS auto-tune storage. This radio includes: carry pouch, four AA cells, AC wall adapter, stereo ear buds, wire antenna and manual.

PL-660 Order #2540 \$129.95



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The **TECSUN PL-210** is an affordable, double conversion, digital portable receiver that covers longwave, medium wave and shortwave from 1700 to 30000 kHz. It features 1700 memories, digital clock with alarm and sleep, lock key, sensitivity switch and stereo FM to the earphone jack. The backlit display shows frequency, meter band, signal strength, battery condition, FM stereo icon, error codes and time in 12 or 24 hour format. Tune your favorite stations by turning the knob, selecting a memory, scanning or keypad entry. Includes: carry case, stereo ear buds, wire antenna, wrist strap and manual. Requires two AA cells (not included). 4.75 x 3 x 1". Currently available only in black (silver shown).

PL-210 BLACK Order #5210 \$49.95

JUST THE FAX! - AN SWL GUIDE TO WEATHER FAX
By Steven Handler. The shortwave bands are buzzing with the sounds of fax machines. With the right equipment and this book you can see these interesting transmissions. ©2012 39 pages. Order #3953 \$14.95

UTILITY DXer's QSL ADDRESS HANDBOOK
By Steven Handler. This well researched book contains the postal and e-mail addresses of many shortwave utility stations located on all seven continents. Most listings also show type of QSL they issue, preferred method of contact and verification signers. There are over 40 QSL images (half in color). ©2012 56 p. Order #5869 \$14.95

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Award Manager **Gary Neal** leads off this month with another recipient from our program. Gary notes, "**Kevin Molander** of Martinez, CA has qualified for the All American DXer Award." Congratulations Kevin!


Editor **Steve Handler** has published another book, *Utility DXer's QSL Address Handbook*. The 56 page *Utility DXer's QSL Address Handbook* contains the postal and e-mail addresses of many utility stations located on all seven continents. Beside the addresses, many listings contain QSL information indicating the type of QSL the station issues, the preferred method of contact, information on station officials, verification signers and even comments and suggestions. There are over 40 QSL images over half of which are in full color covering stations from North America, South America, Africa, Europe, Asia and Antarctica, and even outer space. There are also QSLs from ships and even one from the Strategic Air Command's "Looking Glass" aircraft. The book is available for \$14.95 plus shipping. For more information send an e-mail to shortwavereport@yahoo.com or by postal mail (Steven Handler, PO Box 11, Lincolnshire, IL 60069-0011 USA).

Sean D. Gilbert, International Editor - WRTH recently announced that the editorial team released the Summer "A" season broadcasting schedules file for free download from the WRTH website—click on <http://www.wrth.com> and follow the link "Latest PDF Updates". The file is in PDF format. The 86 page file is approximately 4500kB in size and contains the following information: Summer "A" Season broadcasting schedules for over 200 international and Clandestine/Target stations; frequency listing of the above stations to facilitate band scanning; broadcasts in English, French, German, Portuguese and Spanish; and international DRM broadcasts. The WRTH is trying to reach

as many SWLs, DXers and professionals as possible. For contact details, transmitter sites and much more, please refer to the printed WRTH, which is available to order from their website. The publishers hope users find this a useful accompaniment to the printed WRTH.

I recently attended the 2012 NASB — DRM USA Annual Meeting in Washington, DC along with club members **Benn Cobb**, **Kim Andrew Elliott** and **Thomas Witherspoon**. Thanks to **A. J. Janitschek**, Radio Free Asia's Director of Program Operation and Support for providing the venue for the meeting. Thirty-six people attended the meeting with a lot of interesting information exchanged. The 2013 NASB - DRM USA Annual Meeting will be held in Birmingham, AL on May 16 and 17, 2013 hosted by EWTN.

Teak Publishing is proud to announce the release of their first Kindle eBook - *QSLing the World — A How to Guide* by **Gayle Van Horn**, a *Monitoring Times* columnist and their SW manager. The 140 page *QSLing the World* is a comprehensive resource and reference ebook for any radio hobbyist who is interested in acquiring a verifications from broadcast, utility, amateur radio, satellites, or clandestine radio stations! Kindle eBook covers the "how-to's" of *QSLing*, drawn from Gayle's 30 plus years of experience in the radio hobby. This includes best general practices in logging, reporting, and mailing a station reception report. This Kindle eBook sells for \$2.99. The book can be purchased at Amazon.com at <http://amzn.com/B0083M204W>.

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

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

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Richard A. D'Angelo, 2216 Burkey Drive, Wyomissing, PA 19610, rdangelo3@aol.com.
I attended the 2012 National Association of Shortwave Broadcasters – US DRM meeting at Radio Free Asia's Washington, DC headquarters on May 10 and 11. We stayed at my son's place on 14th street giving me about a 30 minute walk to the meeting each morning. There were a number of interesting sessions. Among them was Kim Andrew Elliott of VOA/IBB providing some interesting insights into audience research, Adil Mina of Continental Electronics and Charlie Jacobson from HCJB discussing DRM matters, Adrian Peterson talking about Adventist World Radio's network of shortwave broadcasts and Chris Slabaugh of Far East Broadcasting Corporation discussing the decommissioning of KFBS in Saipan. All in all, a good meeting which was free. Next year the NASB plans to meet in Birmingham, AL on May 16 and 17.

Radio Bulgaria verified one of their last week of broadcasts with a full data "Aneliya Tsonkova" card including a sicker, booklet (Bulgarians: Civilizers of the Slavs) and CD entitled "Introducing Bulgaria". A very nice little package to remember them by. Radio Canada International via Kunming verified with a full data "Maple Leaf Mailbag" card from v/s Bill Westenhaber. Also, a Final Schedule for the winter shortwave period was sent. Trans World Radio – Nauen verified with a partial data e-mail from Walter Brodowsky, TDF Group Short-Wave Project Leader indicating the transmission used a 100 KW transmitter combined with a HR 2/4/0.5 antenna system. The antenna azimuth was 285 degrees and the original target was Western Europe and the UK. Dutch pirate Radio Spaceman International verified an electronic report with a full data "Spaceman" electronic attachment from "Tom" who is "a veteran in pirateland, 38 year on air, mostly mw ... not married, one daughter of 29..my age 56." Also, he indicated he had many e-mails for this broadcast on 48 meters. Finally, another Euro pirate, Cupid Radio, verified a postal report (with \$2.00 return postage) with a photo quality full data studio card from Rinus who also included a nice 3-page pictorial information sheet about the station and its operations.

Jerry Lineback, P. O. Box 1220, Grantham, NH 03753, jerrylineback@comcast.net.
Spring arrived to stay a couple of weeks ago here in the Great North Woods. As a result, gardening is in full swing again, leaving little time for radio or other things. In addition, I have been grubbing out invasive Autumn Olive brush from the un-mowable parts of our common land.

The RFSpace SDR-IQ has been the workhorse for shortwave listening since I bought it last August. I really have become addicted to the combined signal trace-waterfall display. Audio signals make fantastic patterns to watch depending on the type of music being played. Seeing what is being received over a 100-200 kHz band width is very helpful in scanning the band for activity. Selectivity is good enough to separate a weak signal from a powerhouse 5 kHz away using upper or lower sideband as needed. My main complaint is that there is no audio control beyond volume. Some audio processing control would be helpful.

The main advantage to having a SDR is that you can tune in your signal using the waterfall, then switch screens to the frequency spread sheet for ID (while the radio is still playing) and then switch screens again to your word processor to write your report. Neat. While I am somewhat antenna limited here, I have been making do and the SDR is fun to work with, shortwave and broadcast band.

Please share your thoughts and contribute to Musings.



NASWA Flashsheet

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

NASWA Yahoo Group

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



NASWA Facebook Page

Join moderator **Richard Murphy** <richard.murphy@swri.org> at the club's Facebook page which provides members with another way to keep in touch. This group is intended for social interaction between the club members and will not be used to publish loggings, articles, or other materials that would normally appear in *The Journal*, the NASWA Yahoo group, or the *Flashsheet*. While the existence of the group is visible to all Facebook users, the online postings are available only to group members and group members must be NASWA members. Comments and suggestions from the membership are welcome. To locate the NASWA Facebook page, simply enter "North American Shortwave Association" into the search box on the top toolbar. If you are into social media, give it a try.



Easy Listening

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

Sorry I missed the column last month

A family vacation changed my monthly routine in April, and I didn't plan my time well enough to get the column finished before we left on our trip.

Radio Canada International shortwave departure...my thoughts

One of the most-beloved English language services amongst a North American audience — particularly in the time before 1991 — has been **Radio Canada International**. Unfortunately, budget woes within Canada's national government and its national broadcaster, the CBC, are leading to sharp reductions in RCI spending, and RCI has responded to these pressures by announcing an end to shortwave utilization and a shutdown of the Sackville, New Brunswick transmitting site.

RCI has seemed less relevant to me in recent years for a couple of reasons: First, RCI stopped rebroadcasting domestic CBC content; *The World At Six*, *As It Happens*, and *C'Est La Vie* come to mind as the CBC programs aired over RCI in the relatively recent past that have long been deleted from the RCI schedule. Secondly, the mandate for RCI to design its programming for the aspiring immigrant community meant that the programming became less focused on Canadian or global issues, and thus became less interesting.

As for the domestic programming, that's readily available to an international audience with Internet connections, as live, on-demand, and downloadable programming content is plentiful. And that's probably 90% of what I have listened to from the CBC for several years now.

Kim Elliott mentioned in his column last month, in recent years RCI rarely was noteworthy, either in a positive way or a negative way...and in the modern information avalanche, being irrelevant is the worst situation to be in.

Even though RCI is leaving shortwave, the stated intent is for RCI to remain available via the Internet, likely leading to a smaller, though possibly more motivated audience. However, to those with no cellphone or Internet access, that is of little comfort.

RCI's website is <http://www.rcinet.ca> if you're interested.

Radio Australia continues to evolve

While many international broadcasters have scaled back their operations in recent months, **Radio Australia** is an interesting example of a broadcaster that has worked to reinvent itself to identify the audiences it wishes to serve, and to develop programming that serves those audiences. For many months, Radio Australia's website had an "Under Renovation" label as it was changing aspects of its approach, but that label has now been removed from its website.

The net result is one that will likely yield mixed reviews when regarded through a North American lens, but that's not really the point — because Radio Australia sees itself as a broadcaster serving Asian and Pacific audiences, not specifically a North American audience. For at least ten years, North America has not been a specific target of Radio Australia programming, though it remains a happy coincidence that RA shortwave broadcasts targeting the Pacific region can be pretty easily heard in North America.

These mixed reviews are due to the fact that an increasing percentage of RA programming is produced specifically for these Asian and Pacific audiences, and is less a relay of domestic **Radio National** or **ABC Local Radio** programming, which I generally find to be more interesting from my own perspective. Thankfully, that's not a problem for those with Internet listening capabilities — because this Radio National and ABC Local Radio programming can easily be streamed live, with much of the programming also available on demand.

For example, from 1230 to 1500 UT *Live Talk and Music* airs — it's a leisurely-paced combination of music and current affairs / human interest stories; a pleasant listen, though not as "meaty" as what Radio National might air. This doesn't mean there is no Radio National programming on the schedule; *AM*, *PM*, *Australia All Over*, *Rear Vision*, *Correspondents Report*, and *Late Night Live* all continue to be part of Radio Australia's schedule.

In these days of shrinking broadcasters, diminished output, and abandonment of shortwave, Radio Australia should be commended for investing in programming targeting its region and maintaining a shortwave presence!

Queen Elizabeth's Diamond Jubilee – Special BBC World Service programming

Queen Elizabeth II will celebrate 60 years as queen of the British Commonwealth on June 2nd, and there will be a series of commemorative programs on the **BBC World Service**. You'll have to work to hear these on shortwave, given that we are likely to hear broadcasts targeting Africa or Southeast Asia, but here are the programs scheduled to air on June 2nd and thereafter — by which time many in North America will have received their June Journal:

Diamond Jubilee River Pageant, Sunday June 3rd, 1300-1700 UTC: At high water in the afternoon of Sunday 3 June, up to a thousand boats will muster on the River

Thames in preparation for Her Majesty The Queen to lead the Thames Diamond Jubilee Pageant. Rob Broomby will be on the Thames Riverside as the Queen embarks on The Spirit of Chartwell and joins the flotilla. Ros Atkins will report from a special Routemaster bus in Battersea Park for the afternoon, hearing from locals and visitors who have gathered to watch the Diamond Jubilee River Pageant.

Jubilee Concert at Buckingham Palace, Monday June 4th, 1800-2200 UTC: The concert will be attended by The Queen, The Duke of Edinburgh and other Members of the Royal Family. Staged in the surroundings of the Queen Victoria Memorial in front of Buckingham Palace, the concert will include classic hits and one-off collaborations from artists including Shirley Bassey, Alfie Boe, Jools Holland, Jessie J, Elton John, Tom Jones, Lang Lang, Annie Lennox, Madness, Paul McCartney, and Ed Sheeran. Ros Atkins will be commentating, whilst Chloe Tilley will be with the crowds on The Mall.

Jubilee Beacons, Monday, June 4th, time not specified: Thousands of beacons will be lit around the world on June 4th to commemorate Her Majesty The Queen's 60 year reign over the UK and as Head of the Commonwealth.

Procession & Service of Thanksgiving, Tuesday June 5th, 0900-1100 UTC: The Queen and other members of the Royal Family will attend a National Service of Thanksgiving at St. Paul's Cathedral. It will include a prayer written, at the Queen's direction, by the Chapter of St Paul's Cathedral in honor of the Diamond Jubilee. Dan Damon reports from the Service with Nicholas Witchell in a special two-hour edition of *World Update*. (note — this should likely be featured on many NPR stations that air *World Update* at 5 AM ET)

Also, from 1300-1430 UTC, there will be coverage of the Royal Family travelling from Westminster Hall to Buckingham Palace by carriage along a processional route, and the Royal family appearing on the balcony. Nuala McGovern will be on The Mall talking to the crowds.

WRN e-Newsletter

When it comes to programming information — especially from smaller / less well-known broadcasters — I will often take a look at the weekly newsletter that the World Radio Network (WRN) sends out each Friday. Many broadcasters will provide summaries of their upcoming programming in the newsletter that are otherwise unavailable. Not all of the broadcasters on WRN are available on shortwave nowadays, but all of the featured programming targets an international audience.

The broadcaster list on WRN is dynamic — changing every few months; a recent addition is the **Voice of Turkey**, though the VOT doesn't offer its program in the WRN North America stream. The daily English language program can be heard on-demand and downloaded to your own listening device. Best way to find the VOT on the WRN website is to scroll through the list of stations on the left side of the website.

The stations available range from **China Radio International** and **Radio Havana Cuba**, that still are enthusiastic users of shortwave, along with stations such as **Radio Algeria International**, **Radio Tunis International**, **Radio Guangdong**, and **Israel Radio** — stations you aren't likely to hear on shortwave here in North America. Nearly every broadcaster on WRN offers their programming on-demand, so stations that aren't available live on the WRN North American stream (or their other English language regional streams) are generally available for a week's worth of programming.

While the newsletter is designed for those who listen to WRN programming via their website or via a rebroadcaster (such as Sirius/XM satellite radio), the listings are helpful even if you wish to refer to them while tuning the broadcasters via shortwave. To get the e-newsletter, visit the WRN website (<http://www.wrn.org>), click on <Listeners>, then <English>, then enter your e-mail address where you see "Newsletter Signup".

Inexpensive smartphones masquerading as Internet Radios

Thomas Witherspoon, in his SWling blog (<http://www.swling.com>) mentioned a while back that he'd purchased a no-contract Cricket Muve ZTE Score phone on sale for \$30 — and, since it's a Wifi-equipped phone using the Android operating system, a fine, free Internet radio app — Tunein Radio — can be installed on the phone, thus transforming it into an Internet radio. Not bad for \$30! Alas, that sale price is no longer available, but you might want to keep an eye out for no-contract Android smartphone sales that are capable of accessing Internet radio resources. Of course, you'll still need the Internet access, but if you already have that, this is an inexpensive enhancement.

That's all for June — hope your summer is great!

73 DE Richard



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International Broadcasting

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Half ahead: BBG moves to consolidate the grantees

Kim's comments are in italics.

The US Broadcasting Board of Governors "is seeking public comment on its newly-released plan to consolidate several support functions of Radio Free Europe/Radio Liberty, Radio Free Asia, and the Middle East Broadcasting Networks and to create a single, non-profit grantee in an effort to redirect managerial savings into content, programming and newsrooms. The grantees' support functions, such as payroll, would serve all the people working at RFE/RL, RFA and MBN, but each of these grantees would retain its unique brand and mission."

So there might be consolidation, but there will also still be many "brands" of US international broadcasting. And VOA, a government agency rather than a corporation like RFE/RL, RFA, and MBN, will not be part of this initial consolidation. (For the full text of the plan, go to www.bbg.gov and scroll through the recent press releases.)

When the BBG asks for comments, I comment. Here are my comments...

1) **I support the BBG's plan for consolidation.** In the multi-entity structure of USIB, there are obviously many overlapping administrative functions. The plan will result in substantial increases in efficiency.

2) While the reorganization eliminates 51 support positions, it appears, at least in this initial stage, to add **even more top-level management positions.** The general managers will replace the presidents of the grantee corporations, and the CEO will be added on top of them. Each entity will retain a chief engineer, and a chief technology officer will be added

above them. And so on. Only when real consolidation occurs will the problem of top-heavy management be alleviated.

3) **There are too many brands in USIB.** The consolidation will not reduce the array of brands, and brands within brands, that is confusing even to those of us who work in USIB. To the audience, the ever-expanding collection of brands must be incomprehensible. USIB must work towards a single, unified, global brand. This helps the audience remember the name, which ensures that USIB gets the maximum credit for its efforts in audience research and other metrics. The elimination of brand clutter would also help recruit potential affiliates and nurture support among domestic stakeholders. Unification of USIB would reduce the inefficiency of USIB, because the existence of each brand provides an excuse to maintain another management team.

4) **Real consolidation will not be achieved until VOA is brought into the structure.** This would require legislation to amend the International Broadcasting Act of 1994, so I can understand why VOA was not included in this initial reorganization. The result, however, is that the large amount of duplication between VOA and the grantees will continue.

In an effort to prop up the present structure of USIB, it is often stated that the grantees provide news about their target countries, while VOA concentrates on US and general world news. The truth, of course, is that VOA has always provided a great deal of news about its target countries. And this means there is a great deal of content duplication in USIB. Perpetuating myths about the allegedly complementary roles of the entities supports a boondoggle, but does a disservice both to audiences and to the US taxpayers.

To eliminate duplication, VOA could be ordered to adhere to its advertised mission, and drop most coverage of its target countries. In this case, VOA would lose most of its audience, because audiences that seek international media are mainly looking for news about their own countries. Furthermore, audiences would have to access two USIB entities to get complete global news coverage—an inconvenience they will not tolerate. In the present structure of USIB, and even in the structure after the partial consolidation, there is no satisfactory option for USIB.


The consolidation of the grantees would create an efficient, dynamic, and independent organization, nearly global in scope. VOA, as a government agency, will not be able to respond as readily to the changing global media environment, and may fall behind. Furthermore, after the bifurcation, VOA might increasingly be pressured to take on the role as the “official” half of US international broadcasting, while the grantees would be in the proper news business. Because credibility is so important to maintaining an audience, VOA could find itself in an irretrievable decline.

5) On the subject of credibility, the new CEO “will be responsible for all brand programming activities.” In this regard, **the new CEO must ensure that all the entities adhere to principles of sound journalism.** Bias can occur at the sentence level, but also in the selection of news to be broadcast. A perusal of the English-language websites might lead the observer to conclude that at least some of the entities are bad-news-about-the-target-country stations. Such a focus might please some US appropriators. It is, however, short-term wise and long-term foolish.

Reporting good and neutral news about the target country, whenever warranted, makes the bad news more believable, and it enhances the overall credibility of US international broadcasting.

6) **Will the new CEO be political?** The proposal states that the BBG should “initiate action to select a CEO for the new organization.” It does not specifically state that the BBG will make this selection. If, after being notified, Congress decides to make this CEO a presidential appointee, with Senate consent, the grantees will become politicized. This would be a fatal blow to the credibility of USIB and end any chance for USIB to compete successfully in the global media environment.

7) **There really is only one mission that really matters in international broadcasting:** the mission of audiences who feel the need to seek news from international sources. Or, as a poster in the BBC World Service headquarters says, “audiences are at the heart of everything we do.” The audience in each target country wants a certain proportion of news about their own country, about the United States, and about the world in general. One media entity can provide this combination more effectively than a collection of entities. And the audience desires news that is more reliable than the news they get from their state-controlled domestic media. Credibility is the be-all and end-all. Accurate, objective, and balanced news is the unique selling point. To succeed, the mission of USIB must coincide with the mission of the audience.

Views expressed are my own. More at www.kimandrewelliott.com, posts to which can be followed at twitter.com/kaedotcom. 

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Shortwave Center

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Andy Sennitt Looks Back and Forward

Radio Netherlands Media Network, which covered international broadcasting developments, recently ended a 30-year run on RNW. Andy Sennitt, a former editor of the WRTH joined Media Network at its inception and then RNW itself a short time later. In a series of four articles, the retiring Mr. Sennitt mentions some of the highlights, and then looks ahead to how international broadcasting might develop in the next ten years. Parts 3 and 4 will be published here next month.

Part One: The 1980s

When Media Network started in 1981, little did we know that it would be the last decade of the Cold War. I was assistant editor of the World Radio TV Handbook (WRTH) at the time, based in Copenhagen because the editor, Jens Frost, was Danish. I was already on the air with a weekly news update from the WRTH editorial office via World Music Radio, a private venture that broadcast via the shortwave transmitter of Radio Andorra. Jonathan Marks had just joined Radio Nederland, as it was still called, and soon took over as host and producer of the popular DX Jukebox show.

Jonathan Marks

Jonathan's vision was of a programme that would interest a wider audience than the shortwave listeners and DXers who formed the bulk of the DX Jukebox audience. Many international broadcasters had similar shows, largely consisting of 'DX tips' sent in by listeners to tell other listeners what they had heard. Media Network was designed to focus on why a station was on the air, rather than just telling people how to hear it. I was invited to become part of the team, eventually totalling several hundred people, who contributed to the programme.

Politics prevailed

Most international broadcasts at the time had a political purpose, and the biggest international broadcaster of all was Radio Moscow, which had dozens of shortwave transmitting stations all over the USSR. In those days, the Soviet authorities didn't publish their frequencies, and at the start of each new broadcast period other international broadcasters spent a few frantic days assessing which of their frequencies had to be changed to avoid interference from the Russians.

There was another Moscow-based operation called Radio Station Peace and Progress, which described itself as the Voice of Soviet Public Opinion. In fact, this was just another service of Radio Moscow, even sharing some of the same announcers. It gave the Soviet authorities the opportunity to put across different ideas to gauge international reaction, without them being seen as directly reflecting government policy - in other words, a sounding board. There were also a number of smaller external services from the constituent republics of the USSR. These stations tended to focus more on regional and cultural issues.

The Chinese also had a large external service, still called Radio Peking at that time. Its programme format was dreadfully old-fashioned, each broadcast beginning with a quotation from Chairman Mao. News bulletins often consisted of reading out the names of all the party officials who had attended an important function. Four years at the BBC Monitoring Service had taught me how important this seemingly boring ritual was. The order in which the names were read out gave foreign observers vital information about who was rising up the party ranks. A lot of important diplomatic information was conveyed in this way, also by the Soviets.

But there was some entertainment

I have never seen any listening figures for the Soviet or Chinese broadcasters, but I suspect that their total audience was very much smaller than for the BBC's external services. The BBC World Service in English carried a full range of information, entertainment and sports programming, some of it taken from the domestic networks. The Voice of America was more limited in its range of programming, but still included a significant amount of music. It boasted what is probably the most listened-to music programme in the history of shortwave — the VOA Jazz Hour, hosted by the legendary Willis Conover.

Other major international broadcasters were Deutsche Welle and Radio France International. At that time, Radio Nederland was one of the most popular stations on the shortwave dial, and listener reaction indicated that our informal and lively style of presentation was highly rated, in contrast to the frequently dull and boring output of some other broadcasters.

Looking back at some of the ads that were produced by international broadcasters, I can only say it's a good job they were not made for profit-making businesses. Whoever designed the ad for Radio Nederland decided that the shape of our building — like an aircraft — was the most important thing to tell the listeners, rather than anything about what we actually broadcast. Another major international broadcaster managed to patronise the entire readership of WRTH by suggesting that its programmes could be heard 'provided you know how to use your receiver'.

The Falklands conflict of 1982 produced some interesting listening. The UK government took over one of the BBC's transmitters on Ascension Island and from a studio in the basement of the foreign office operated Radio Atlantico del Sur, a clumsy attempt at psychological operations ('psyops') presented by two civil servants, which amused the Argentinians and embarrassed the BBC.

The Woodpecker

Something that was present on shortwave throughout the 1980s, was the so-called Woodpecker, an irritating radio signal that made a repetitive tapping noise, hence the name. The random frequency hops often disrupted legitimate shortwave broadcasts, including those of Radio Moscow and other stations in the Eastern bloc. Believed to be an over-the-horizon radar (OTH) system, this was confirmed after the fall of the Soviet Union. It finally fell silent at the end of 1989, as the Cold War neared its end.

The 1980s saw a number of attempts to establish private shortwave stations, especially those broadcasting to or from the US. Radio Earth was one such organisation, and as some of those involved were personal friends I was persuaded to join them by investing a modest sum. We had the support of the Curaçao Government, which had actually issued a licence to build a station on the island. But the Netherlands Antilles government did its best to prevent the project going ahead, and in the end there wasn't enough commercial support. However, my involvement in the project enabled me to go on two very cheap holidays to Curaçao, including a trip to Bonaire to visit the Radio Netherlands relay station and Trans World Radio.

Projects that failed

Meanwhile, Radio Earth did make some successful broadcasts by purchasing airtime on a couple of private US shortwave stations. One was WRNO, an ambitious attempt to run a commercial rock music shortwave station based in New Orleans. It launched in 1982, and although it ultimately failed to make a profit, it was the catalyst that encouraged other US broadcasters to try their luck at shortwave. The number of private US shortwave stations increased from three to 16 by the end of the decade.

An even more ambitious venture was Alabama-based NDXE, which claimed to be building a high power shortwave station

that would broadcast in stereo. It even launched a listeners' club, which subsequently appeared to have been an attempt to raise capital to help finance the project. NDXE booked an expensive colour advertisement in the WRTH, but didn't pay for it. Needless to say, the station was never constructed either.

King Hussein on the air — A show fit for a king

A memorable moment for Media Network was an unplanned interview with King Hussein of Jordan in 1983. King Hussein was a keen radio amateur, using the call JY1 and regarded his 1983 contact with Owen Garriott, W5LFL, on board Space Shuttle Columbia, as a high point in his amateur radio career. This was widely reported in the press, so Jonathan rang the royal palace in Jordan hoping to get more details for the show. To his surprise, he was put through directly to the king, who enthusiastically played back a recording of the contact, which was subsequently broadcast on Media Network.

In the mid 1980s, the most modern short-wave station in the world was opened on the Flevo polder to replace the ageing Lopik site. During a visit to the Netherlands, Jonathan and I took a trip to the new shortwave station shortly before it was commissioned. The engineers from the transmitter company were still on site, and one of the 500 kW senders was on dummy load with its side panels off, and red and white tape surrounding it to prevent anyone from getting too close. It's a sight I will never forget.

Changing places

In 1987, Jens Frost retired and I took over as editor-in-chief of the WRTH. I decided that there was no reason to stay in Denmark, which was relatively expensive, but I didn't want to live and work in London. I concluded that the Netherlands was a better alternative, and the company that published the WRTH had opened an office in Amsterdam, so there was accommodation available.

I set up home about 6 km from Hilversum, which meant I could go to the studio to record my contributions to Media Network.

As the 1980s drew to a close, so did the Cold War, with a popular revolution in Poland in 1989 spreading to Hungary, East Germany, Bulgaria, Czechoslovakia and Romania, leading to the fall of the Soviet Union and the unification of Germany. Media Network had much to report, and in addition there were to be major changes in the way international broadcasters delivered their content, as well as the start of a new chapter in my own career.

Part Two: The 1990s

The end of 1989 and the early 1990s saw the end of Communist rule in Eastern Europe and then in the Soviet Union itself. In most cases, the transition was peaceful, but sadly the break-up of Yugoslavia resulted in a series of wars between different ethnic groups, which gave rise to ethnic cleansing and war crimes.

The unification of Germany was of course the iconic event that symbolised the end of the Cold War. Radio Berlin International, which had proudly operated as "the Voice of the German Democratic Republic" made some remarkable broadcasts in its final days, admitting that it had not always told the truth. Deutsche Welle, its counterpart in West Germany, had indicated its willingness to hire some of the RBI personnel, but in the event only a small number moved across.

Media Network found itself playing a key role in publicising events in Lithuania, one of the first Soviet republics to seek independence from Moscow. In January 1991, Russian troops went into the Lithuanian capital Vilnius, and stormed the radio/TV building. Broadcasts free of Soviet control continued from Kaunas. Because many of these broadcasts could not be received outside Europe, Media Network was able to relay the details to other parts of the world, for example in this edition of Media Network as broadcast on 20 January 1991.

HFCC

The changes in the political landscape also heralded changes in the relationship between international broadcasters. On the initiative of Ulrich Cip, the frequency manager at Radio Prague, a new organisation called the High Frequency Coordination Conference (HFCC) was set up, enabling shortwave broadcasters to work together to plan their seasonal frequency changes in advance, eliminating many of the interference problems that had plagued shortwave for decades. Now more than 70 percent of the total hours of international broadcasts on shortwave are coordinated through HFCC.

The emergence of HFCC also resulted in a big increase in the number of shortwave broadcasts via airtime swaps, which improved the audibility of many of the smaller broadcasters. Instead of being restricted to long-haul transmissions from their own territory, they were able to use airtime on transmitters much closer to the target area, providing a stronger signal to the audience. This was made easier by the spread of communications satellites which enabled broadcasters to send high quality audio to distant shortwave stations.

The BBC's transmitting facilities in the UK were privatised in the 1990s. The shortwave sites were sold to Merlin Communications, which was acquired by VT Group plc, and in turn VT was acquired by Babcock International Group in March 2010. The same people were also awarded a contract to operate the BBC's overseas relay stations.

A new voice

In 1994, a new voice was heard on Media Network. Diana Janssen, a media researcher at Radio Netherlands, joined Jonathan Marks to co-host the show, and quickly became a valuable and popular member of the team. As time went on she acquired the skills needed to edit and produce major features, and occasionally complete programmes, such as this one. During this period, Media Network visited a number of East European

countries to report on changes to the media landscape since the fall of Communism.

By the mid 1990s, the internet had become a significant platform for information. Radio Netherlands was one of the first international broadcasters to have its own website. This was very much an experiment, and the website was limited to text and simple graphics as most connections were very slow. But the growth of the internet in the second half of the 1990s was phenomenal. It's estimated that in 1993 the internet carried only 1% of the information flowing through two-way telecommunication. By 2000 this figure had grown to 51%, and by 2007 more than 97% of all telecommunicated information was carried over the internet.

Career move

Not everyone immediately realised the importance of the Web. Publishers of traditional reference books like WRTH saw it as a threat, and I was unable to persuade my publisher to embrace the idea of having a website. At the same time, sales of the book and advertising revenue were declining, partly due to competition from Passport to World Band Radio. Relations with the publisher deteriorated as my associate editor Bart Kuperus and I struggled to keep the book afloat. Finally in 1997, as my health deteriorated, we both decided to quit after completing production of the 1998 edition.

For me, a difficult decision turned out to be blessing in disguise, and a successful career move. I was lucky enough to find work in the internet department at Radio Netherlands. Not only that, but Diana Janssen was the head of department, so we already knew each other well. It wasn't long before we started using the website as an add-on for the radio show, where we could publish additional information that had been edited out of the programme due to time constraints. We also started transferring some of the free printed publications, such as the Receiver Shopping List and the Booklist, to the website.

Life was full of surprises

This arrangement had its amusing moments. One Thursday morning I was listening to the first transmission of Media Network, and suddenly heard Jonathan tell the audience about something that 'Andy Sennitt has put on the Web'. The only problem was that he had suddenly thought of it while recording the programme the night before, and hadn't had a chance to tell me. It was funny to

receive an instruction via a shortwave radio programme from someone whose office was literally a few paces away!

As the decade drew to a close, everything was going very well. But soon after the dawn of the new millennium, several things happened that would send Media Network, and international broadcasting in general, in a new direction.

VOA Chief White House Correspondent Headlines NASB Annual Meeting

The Voice of America's Chief White House Correspondent Dan Robinson spoke to the 2012 Annual Meeting of the National Association of Shortwave Broadcasters (NASB) in Washington on May 10 and 11.

Robinson, an avid shortwave listener since 1968, talked about how his interest in shortwave radio led him to a career as an international broadcast journalist. Over the years, he has served as VOA correspondent in East Africa and Bangkok, and director of the VOA's Burmese section. Today, he works out of the White House and travels with the U.S. President to places like Cartagena most recently, where he reported on the Secret Service controversy and the other news made at the recent Summit of the Americas there.

Other recent news events such as the activities surrounding Chinese activist Chen Guangcheng made the NASB annual meeting location quite timely. The conference was hosted by Radio Free Asia at its headquarters in Washington. Dan Southerland, Vice President for Programming at RFA and editors of the Chinese, Tibetan, Burmese and Korean services talked about the challenges they have with newsgathering and reporting in their target countries, and about the loyal following they have among millions of listeners throughout Asia. They explained that while RFA is using a lot of new technologies to reach Asian listeners, shortwave radio remains a primary form of delivery for the station. In countries like North Korea, shortwave is virtually the only means of reaching listeners from abroad.

Dr. Kim Andrew Elliott, audience research specialist at the U.S. International Broadcasting Bureau (IBB), presented survey results showing what types of media, including shortwave receivers, people have access to in Asian and Africa countries, and via what means they listen to international broadcasters. While he noted that shortwave listenership is small or decreasing in many countries, Elliott said it is still very popular in some countries, including many parts of Africa and in other areas of the world where press freedom is limited and people seek information from abroad.

Other speakers at the NASB annual meeting included A.J. Janitschek, RFA's director of program and operations support, who told broadcasters about many smartphone applications that help broadcasters and engineers do their jobs more easily. Janitschek was also the principal organizer of the NASB meeting for RFA.

Part of the meeting was dedicated to presentations by the USA DRM (Digital Radio Mondiale) group. DRM Consortium steering board member Adil Mina of Continental Electronics in Dallas gave an update on the status of DRM, which is the only method of digital broadcasting approved for shortwave broadcasters in the United States and around the world. He talked frankly about the political and technological obstacles that DRM has encountered, including slow development of mass-production, low-cost DRM receivers. But Mina said that there are positive developments in that regard

under new DRM Consortium leadership, and he demonstrated a new DRM receiver that currently costs about \$120, but is not yet available in the U.S. market.

Charles Jacobson of HCJB's Global Technology Center in Elkhart, Indiana told about their conversion of 100-kilowatt shortwave transmitters to DRM transmission capability, and John Wineman, also of HCJB, explained how a group of students at LeTourneau University is helping to develop a "DRM diversity receiver." Jacobson said that HCJB's German partner, Vozandes Media, has just decided to abandon its plans to build a new 100-kilowatt shortwave transmitter site in Ecuador to transmit to the Amazon region of South America. A low-power (eight kilowatt) shortwave transmitter on 6050 kHz intended to reach rural areas of Ecuador is the only remaining HCJB shortwave transmission from Ecuador, and it is operated by Vozandes Media.

Dr. Adrian Peterson, International Relations Coordinator for NASB member Adventist World Radio and a member of the NASB Board, provided a report on the latest activities of AWR, which continues to rely highly on shortwave broadcasts in many parts of the world. AWR is installing new antennas at its shortwave station in Guam, and it uses many shortwave relay stations around the world to transmit its programming from dozens of studios located worldwide.

Thomas Witherspoon heads a non-profit organization called Ears to Our World, which distributes "wind-up" shortwave receivers free of charge to teachers in Africa and other areas of the world where there is little or no electricity or Internet. He gave an emotional presentation called "Shortwave for Good" about how these listeners often have no other form of contact with the outside world, and about how shortwave radio transmissions are being used to educate young people in remote locations.

Tom Lucey of the U.S. Federal Communications Commission's (FCC) International Bureau presented his new colleague Shahnaz Ghavami to the group and said that there have been two recent applications for new privately-owned shortwave stations in the

United States. Lucey said that it is still very difficult to find clear in-band frequencies, so shortwave is far from dying.

Dr. Donald Messer, formerly of IBB engineering and former head of the DRM Technical Committee, presented the good news that a new system of oceanographic radar that is using HF frequencies has decided to stay clear of most of the frequency ranges that U.S. shortwave broadcasters use.

Mark Allen of NASB's newest associate member, Antenna Products of Mineral Wells, Texas, explained the work that his company does with government and private clients around the world, including sophisticated high-power shortwave transmission antennas. He pointed out that 90 percent of the world's airports have antennas manufactured by Antenna Products. [Anyone who would like a printed or electronic copy of the Antenna Products master catalog may e-mail Mark Allen at: allen@antennaproducts.com.]

Another new NASB associate member is the Far East Broadcasting Company. FEBC was one of the founding members of the Association in 1990, but in 2011 it closed its shortwave station KFBS in Saipan, a U.S.-administered area in the Pacific Ocean. Only FCC-licensed shortwave stations can be voting members of the NASB, so FEBC is now an associate member. FEBC's Chris Slabaugh explained that his organization decided to consolidate its shortwave operations as a cost-cutting measure, so the transmitters in Saipan were moved to two shortwave transmission sites which the company already owns in the Philippines. Dismantling the Saipan station and moving everything to the Philippines turned out to be a long, complex project, but it has now been successfully completed.

Dr. Jerry Plummer of NASB member WWCR in Nashville, Tennessee, presented to the group the results of a one-year survey of Spanish-speaking shortwave listeners that the NASB carried out via its webpage. Not surprisingly, most respondents were from Latin America and Iberia. Interestingly, however, the survey showed that the average age of respondents to the Spanish language

survey was significantly lower than that of respondents to a similar English-language survey that the NASB did the year before. This supports a conclusion that shortwave listeners in Latin America are overall younger than shortwave listeners in North America, Europe and some other parts of the world, perhaps boding well for the future of shortwave listening in Latin America.

The final speaker at the 2012 NASB annual meeting was NASB President Glen Tapley of WEWN in Birmingham, Alabama. He invited everyone interested in shortwave broadcasting and listening to attend the 2013 NASB annual meeting, which his station will host in Birmingham on May 16 and 17, 2013. Activities will include a visit to the breathtaking mountain location of WEWN's shortwave transmitter facility on the outskirts of Birmingham, complete with a mountain-top barbecue. More details will be available shortly on the NASB's webpage, www.shortwave.org. In the coming days, the website

will also be posting audio files of most of the presentations at this year's annual meeting, and PowerPoint presentations as well.

At the annual business portion of the meeting, Brady Murray of WWCN was elected to a second three-year term on the NASB board of directors. Murray was re-elected NASB Vice President, and Glen Tapley was re-elected as President. Jeff White of WRMI in Miami was re-elected Secretary-Treasurer, and Thais White of WRMI was re-elected Assistant Secretary Treasurer. The NASB board voted to grant the status of "Associate Member Emeritus" for the first time, issuing the award to George Jacobs, who for decades worked as an HF frequency planner for the International Broadcasting Bureau and later for many privately-owned shortwave stations in the United States.

Photos from the NASB 2012 annual meeting will soon appear on the Association's Facebook page, www.facebook.com/nasbshortwave.

The Story of Radio Broadcasting in Sri Lanka-3: The Large Deutsche Welle Relay Station at Trincomalee

Adrian Peterson's Diary

The picturesque and strategic harbor at Trincomalee is situated on the east coast of the island of Sri Lanka, at around 1/3 of the way down the total eastern coastline. The harbor is well attested in ancient times, and it was visited by the famous Italian explorer and traveler, Marco Polo, on his return visit from China in the year 1292.

The harbor was in use by the British Royal Navy as a submarine base during World War 2, acting as a guard point to the wide Bay of Bengal. There was also a British Royal Air Force base nearby.

On August 12, 1980, representatives from Deutsche Welle in Germany and the Sri Lanka Broadcasting Corporation in Colombo signed a mutual agreement, whereby a large radio broadcasting station, mediumwave and shortwave, would be constructed at

the former Royal Navy Base, a dozen miles north of Trincomalee Harbor. This original agreement provided for one mediumwave transmitter at 600 kW, three shortwave transmitters at 250 kW, and one communication transmitter at 10 kW. An additional clause provided for a doubling of the station's broadcasting equipment, if needed.

The Trincomalee site is located in the community of Perkara and it was originally under consideration for use by Trans World Radio TWR, though they subsequently preferred to build their station north of Colombo, near the west coast of the island. The original concept on the part of Deutsche Welle was that the large Trincomalee-Perkara relay station would be a joint project between Deutsche Welle in Germany and Radio Tehran in Iran.

Throughout the development of the station, progress always seemed to be somewhat slow, due to the isolation of the area, and at times also to the incursions of local insurgents. Construction work on the 242 acre site at Perkara began in October 1982. Some of the old colonial buildings from the British days were modified and updated for use by the station, and several buildings were constructed new.

Local wildlife also played its part at various times in causing disruption at the station, with occasional elephant herds breaking through the perimeter fencing and tramping through the property. Then again, there were the occasional fights and adventures on the part of monkeys who enjoyed swinging through the wires in the curtain antenna systems. Crocodiles also ventured onto the station property on occasions.

Test broadcasts from the first shortwave transmitter were noted on December 1, 1984, and also from the second shortwave transmitter a few weeks later, in early January 1985. In April, test broadcasts were noted from the mediumwave transmitter; and in mid year, the third shortwave transmitter became airborne. Electric power was generated at the station itself.

The final configuration of the four broadcast transmitters was a little different from that which was originally envisaged. The 600 kW mediumwave transmitter became two at 300 kW, though the total output on 1548 kHz was dropped to 400 kW. The three shortwave transmitters at 250 kW each became two at 300 kW and one at 250 kW, though all were in use on air at 250 kW each. This electronic equipment was provided by the German electronics giant, Telefunken.

The original program feed was provided via Colombo, with 5 FM transmitters perched on top of Sri Lanka's second highest mountain, at Radella. In due course, the program feed from Germany was taken off satellite at Perkara.

Deutsche Welle Perkara-Trincomalee was ready for full service in October 1988, but this usage was postponed until the middle of the following year, due to a shortage of local

trained staff. The three shortwave transmitters were heard at good level throughout Asia, and well beyond also. The mediumwave transmitter was also heard quite widely.

Multitudinous QSL cards have been issued in confirmation of wide coverage areas of Deutsche Welle Sri Lanka. According to one reference, the official Sri Lankan callsign for this mighty station was 4QQ, though no callsign was ever used on air.

There were times when the station was closed, and at times the staff was evacuated to safe locations when insurgents infiltrated the area. On those occasions, DW programming to the Trincomalee coverage areas was carried by Radio Veritas in the Philippines, and also by shortwave stations located in the southern countries of the former Soviet Union.

As is happening these days to so many important shortwave stations throughout the world, downsizing is now part of the picture. Deutsche Welle decided to close two of its major shortwave relay stations, Sines in Portugal and Trincomalee in Sri Lanka. At the end of October last year Deutsche Welle programming from the Trincomalee relay station came to an end, though some client programming remained on the air until the end of the year.

However at this stage, the noted Victor Goonetilleke in Colombo reported that the SLBC carried one program via the Trincomalee station, and this was a three hour broadcast in the Sinhala language beamed to the Middle East on 11750 kHz from 1530 - 1830 UTC.

Then Jose Jacob VU2JOS at Hyderabad in India noted a brief series of test broadcasts from the mediumwave transmitter on 1548 kHz, when a simple station announcement was given in several languages. That was earlier this year.

On January 1 earlier this year, the large international radio broadcasting station located at Perkara-Trincomalee was taken over by the Sri Lanka Broadcasting Corporation. That was the end of an era; alas DW Sri Lanka is no more!



Listener's Notebook

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Times are UTC and frequencies in kHz.

ABKHAZIA (GEORGIA) 9535, on April 23 *Radio Abkhazia* from Sukhumi heard around 0700-0730 in Abkhazian language. Weak signal for East European and Caucasian listeners. Old 5 kW TX jammer unit of USSR era used. Rather in Abkhazian language, now at 0738 Apr 23 a folkloric song by male voice. Heard on remote SDR network on many locations in Upper Italy, Austria, Switzerland, Darmstadt, Amberg, Berlin. Apsua Radio ID at 0741, interval signal. End of piano music at 0800:53. Then pause between 0800:53 til 0802:06. Switch to Russian news program from 0802:07. Tx Sukhumi switch off midst on Russian newscast at 0804:08, Apr 23. (wb, wwdxc BC-DX TopNews Apr 23) 9535, Abkhazia. Wolfie, just I checked in Sofia (Sony ICF7600SW, 6 m outdoor wire antenna) on 9535 and at 0731 the prgr was in Abkhazian language and maybe earlier they were in Russian, but in 2012 they have not prgrs in Ru observed on 9535 and 1350. When the prgrs are in Russian usually they are relayed from FMs in Soukhumi, earlier Radio Rio-Rita and now Avtoradio Soukhumi. (Rumen Pankov-BUL, wwdxc BC-DX TopNews Apr 23)

AUSTRALIA From 28 May onwards for a period of a couple of months, there's a chance you'll hear *VL8A* running a single-frequency test on 4835. This is a high-angle skywave, night service intended primarily for a domestic audience within 400 km of the transmitter. The reason for the trial is because the transmitter contractors are unable to maintain the automation system that controls the day-night change-over between 4835 & 2310. Reception reports on the test should be sent to: Gary Baxter, ABC Transmission Services, Box 9994, Sydney NSW 2001, Australia. Conversely, if people want to report on 2310 then it might be an idea to do so now in case the test becomes permanent. Note that the address above should be used in all instances, and not that of Radio Australia. (Received direct from Nigel Holmes, RA via Craig Seager-ARDXC List) Not in ECNA with WWCR splattering 10-15 kHz on both sides of 4840. (Scott Barbour-NH)

AUSTRIA *Radio Austria International* schedule per their website is now Monday to Friday 0500-0615, Saturday and Sunday 0500-0610 on 6155 to

Europe, Monday to Saturday 0800-0833 on 13730 listed as "Welweit Kurzwelle", worldwide shortwave. Checking the HFCC registrations it is beamed at 265 degrees, 100kw to zones 58-60, Australia and New Zealand. 6155 is 300kw non directional. (Mike Barraclough-UK/WDXC Contact)

BANGLADESH *Bangladesh Betar*: Shortwave transmitter is claimed to be in operation on 7250, but not reported audible. A new transmitter for Foreign Service is expected to start operation. (WRTH Update)

BELARUS *Radiostation Belarus* website programme guide shows external service is in Belarusian 1100-1400, Russian 1400-1600, Polish 1600-1800, German 1800-2000 except Saturdays and Sundays 1940-2000 when in French, English 2000-2200 except Sundays 2000-2020 when in Spanish, Russian 2200-2300. (Mike Barraclough-UK/WDXC Contact) Sunday Russian noted in May at 2300* on 11730. (RAD)

On May 2, 2012 received QSL-card from the "Belarus" radio station for the reception of the Russian language 21.03.2012, 1400-1500 on the frequency 11730. Data are entered with a pen. At the bottom of 73! There is a printing station. The report sent al. mail. Only the reports sent them to November 2011, one by one in a month. Here in March of this year replied. E-mail: radiostation-belarus@tvr.by. (Dmitry Kutuzov-Russia/RUS-DX)

Summer A-12 shortwave transmissions from *Radio 1 Home Service* in Belarusian:

0400-0700 on 11930
1500-1700 on 7255
1500-2100 on 6080
(DX RE Mix News/Dan Ferguson-SC)

BOLIVIA 6164.933, 18.4, 2307*, *R Logos* also heard here in // with 4864.977. This frequency is not plagued by any swisher like 4864.977. Nice and clear reception. See all comments regarding reception of this one above on the 4864.977 entry. (Thomas Nilsson-Sweden/SW Bulletin) Not reported since Dec 2010! (Anker Petersen-Denmark)

CHINA 7340.00, *Xinjiang PBS*, Urumqi, 1640-1800*, May 12 and 15, now on usual summer frequency, Kazakh talk with singing in the background, Kazakh folk songs. QRM from another Asian station, 43433. (Petersen/DX Window)

CLANDESTINE Radio Dardasha 7 (BVBN) in Arabic, new schedule from May 1:

0300-0330 7310 WER

1700-1730 13670 WER

(DX Mix News, Ivo Ivanov-BUL, via wwdxc BC-DX TopNews)

Voice of Oromiyian Liberation Front in Oromo:

1600-1630 on 15170 ISS Sunday, ex WER

(DX RE Mix News/Dan Ferguson-SC)

OGM Radio Horiyo Ogadeniya from April 3, new via MBR:

1600-1630 on 15170 ISS Tue/Sat Somali

(DX RE Mix News/Dan Ferguson-SC)

Radio Biafra London from April 21, new via MBR:

2000-2100 on 11870 WER Thu/Sat English/Igbo

(DX RE Mix News/Dan Ferguson-SC)

E-mail address: info@radiobiafralondon.com Website: www.radiobiafralondon.com (WRTH Update)

Summer A-12 schedule of *Democratic Voice of Burma* in Burmese:

1430-1530 on 11560 ERV

2330-0030 on 11595 ERV

(DX RE Mix News/Dan Ferguson-SC)

Summer A-12 schedule of *Radio Dabanga* in Sudanese Arabic:

0430-0600 on 11650

0430-0600 on 15400

0430-0600 on 15550

1530-1630 on 15150

1530-1630 on 15725

(DX RE Mix News/Dan Ferguson-SC)

Summer A-12 schedule of *Radio Tamazuj* in Sudanese Arabic:

0400-0430 on 11650 SMG

0400-0430 on 15400 MDC

0400-0430 on 15550 DHA

(DX RE Mix News/Dan Ferguson-SC)

A-12 schedule for *Voice of People* in English/Shona/Ndebele

0400-0500 9870 MDC

1600-1630 9445 MDC

1800-1900 7330 MDC

(DX Mix News, Ivo Ivanov-BUL, via wwdxc BC-DX TopNews)

Summer A-12 schedule for *Voice of Tibet* in Tibetan:

1400-1430 17560 MDC

(DX Mix News, Ivo Ivanov-BUL, via wwdxc BC-DX TopNews)

Voice of South Sudan Revolutionary Radio in Sudanese Arabic:

0405-0620 on 15725 May 1

1830-1930 on 15725

(DX RE Mix News/Dan Ferguson-SC) Seemingly using ex utility gear in suppressed carrier USB mode, from Khartoum, Sudan. (Wolfgang Büschel, Germany via wwdxc BC-DX TopNews)

Radio Damal The Voice of the Somali People in Somali again on SW from May 1

0400-0700 on 15700 DHA

1830-1930 on 11740 WOF

1930-2130 on 11650 DHA

(DX RE Mix News/Dan Ferguson-SC)

New TDP st'n-*Badr Radio/Badr Broadcasting Network* in Amharic 1830-1900 on 15165 SAM Fri-Sun, effective April 20. (DX RE Mix News/Dan Ferguson-SC)

Radio República - Summer Schedule 2012 in Spanish:

0100-0200 .twtf. 5954 (irregular)

2300-0200ss 5954 (irregular) 9490 sac*

* expected to stop at end of June 2012 (WRTH Update)

ECUADOR HCJB's Pifo site dismantled with four transmitters relocated. One transmitter was

shipped to Australia and is now at the site. A curtain antenna is now under construction. One transmitter is in storage in Ecuador. Two transmitters have been shipped to Elkhart, Indiana. One of the transmitters will be upgraded for DRM and will eventually go to HCJB-Australia. The other will go to TWR Guam. (Charlie Jacobson at 2012 NASB Meeting)

4781.48, **R Oriental**, Tena, 2339-0002*, May 05, is regularly broadcasting at *1100-1200* and *2330-2400*, ID: "...Oriental desde Tena en la región amazónica, 18 horas 56 mis., 6, 56 minutos Oriental en sus tres emisoras 89.7 frecuencia modulada, 1100 amplitud modulada y 4780 kHz banda internacional de los 60 metros...". (Rafael Rodriguez R-Colombia/DX Window)

ENGLAND The HFCC lists only these transmissions remaining on shortwave during the A12 period from **Polish Radio** - all via Woofferton:

1300-1329 15480 Russian
1330-1459 15480 Polish
1530-1629 11640 Polish
1630-1729 11630 Belarusian
1730-1759 11960 Russian
(HFCC/DK via Worldwide DX Club)

GABON Summer Schedule 2012 for **Africa No.1** (Comm) on 9580 in French:

0500-2300 daily

2300-2315ss (WRTH Update)

GERMANY **Transportradio** in Dutch/English, additional transmissions:

0800-1000 on 6095 WER Mon-Fri from May 12
(DX RE Mix News/Dan Ferguson-SC)

Mighty KBC Radio in English/Dutch, additional transmission:

1600-1700 on 6095 WER Sat/Sun from May 12
(DX RE Mix News/Dan Ferguson-SC)

Latest shortwave schedule for the Kall-Krekel transmitter site of Classic Broadcast is: **HCJB** 0400-0800 and 1500-1900 on 3995; **Radio 700** 0800-1500 and 1900-0400 on 3995; **Hamburger Localradio** 0900-1000 on 5980; **Radio 700** 0600-1700 on 6005; **Pur Radio 1** 0600-1100 on 6085. (Mike Barraclough-UK/WDXC Contact)

6190, **Deutschlandfunk**, Berlin Britz, again has been noted off the air during the last few days (May 15). (Anker Petersen-Denmark/DX Window)

7265, **Hamburger Lokal Radio**, 0557-0610, 06-05, male with comments in German, at 0600 identification by female "Hamburger Lokal Radio", more comments. Good. 45444. (Méndez/EDXP)

Radio 700 on 3995, 6005, 6085 Summer Schedule 2012:

0600-1100s. 6085 in Dutch*
0800-1500 daily 3995 in German
0800-1700 daily 6005 in German
1900-0400 daily 3995 in German
(WRTH Update)

GREECE Updated summer A-12 SW broadcasting from Greece:

ERT-3 Radiophonikos Stathmos Makedonias in Greek:

1400-1650 on 9935
1700-2250 on 7450

ERA-5 Voice of Greece in Greek:

1400-1850 on 15650
1400-0200 on 9420
1900-2350 on 15630
2300-0050 on 15650
0000-0200 on 7475
0100-0200 on 15650
(DX RE Mix News/Dan Ferguson-SC)

KOREA (NORTH) Both Kanggye transmitters of **KCBS Voice of Korea** in Korean are now on exact frequency 9665 and 11680 these days. Also exact frequency on 6250 when Korean broadcast speech to the crowd noted at 1105 March 28. Same day I checked Kujang 0700-1250 on 7580 and Kanggye 0900-1250 on 6070 in Japanese, also on exact frequency. These must be the recently purchased Chinese transmitters. (Wolfgang Bueschel-Germany/WDXC) Note that Wolfgang often uses online receivers abroad to confirm, or for, his observations. (Mike Barraclough-UK/WDXC Contact)

INDIA To identify whether listeners are getting signal properly or not, **AIR Delhi** has requested SWLs in Greece, France, Germany and Sweden to monitor following frequencies: 1745-2230 on 7550 (AM), 11670 (AM), 9950 (DRM) (Program GOS IV,

Hindi, GOS V). Please e-mail your observations to: spectrum-manager@air.org.in. Your efforts are highly appreciated! (Gupta/DX Window)

INDONESIA 4789.98, *RRI Fak Fak*. April 30: Off the air. May 1: 1214-1228: Jakarta news relay followed by national song "Bagimu Negeri" (For You Our Country); // 3325 - *RRI Palangkaraya*, 3995 - *RRI Kendari*, 4869.96 - *RRI Wamena* and 9680 - *RRI Jakarta*. At 1237 and 1242 again heard rooster crowing with pop song; QRM from CODAR. May 2: 1221-1228: Jakarta news relay followed by national song "Bagimu Negeri" (For You Our Country); // 4869.96 - *RRI Wamena* and 9680 - *RRI Jakarta*. *RRI Palangkaraya* (3325) not on the air during this time period; usual CODAR QRM. May 3: Off the air (Ron Howard-CA/NASWA Yahoo Group) It has not been reported heard since Nov 2011. (Anker Petersen-Denmark/DX Window)

IRAN Summer A-12 English for *VOIRI/IRIB*:

0330-0427 on 11920 13650 "Voice of Justice"
1030-1127 on 21590 21640
1530-1627 on 11945 13780
1930-2027 on 9540 9800 11750 11885
(DX RE Mix News/Dan Ferguson-SC)

ISRAEL Frequency change of *Radio Galei Zahal* in Hebrew:

0000-2400 NF 15850 AM, ex 15785 AM/USB//6973
(DX RE Mix News/Dan Ferguson-SC)

Kol Israel (Voice Of Israel) - Summer Schedule 2012:

0645-0700 mtwtf.. NAM 9955 English
1400-1500 daily ME 13850* 15760 17535** Persian
1500-1525 mtwt..s ME 13850* 15760 17535**
Persian
Key: * Apr-June, Oct; ** July-Sept. (WRTH Update)

JORDAN *Radio Jordan* (Gov): Inactive at time of publication, not heard on SW since Jan 2012. (WRTH Update)

LIBYA *Radio Libya* - Summer Schedule 2012 in French

1700-1800 daily on 11600 (irregular)
(WRTH Update)

MADAGASCAR *Madagascar World Voice* (Rlg): Still under construction, no date given for commencement of transmissions. (WRTH Update) The World Christian Broadcasting (WCB) project has been delayed. Due to a manufacturer's delay, the four containers with the transmitters and other related equipment were not shipped to Houston until December 20, 2011; 9 months later than expected. As a result, the transmitters could not go to Madagascar under the original registration with the government there. WCB is still working on the registration renewal. The new regime in Madagascar must be convinced the station isn't in the country for political purposes. World Christian Broadcasting has chosen not to make final shipment of the transmitters until the political situation is clear. We are convinced that the registration will be renewed but not as soon as we would like. (World Christian Broadcasting Newsletter via Paul Ladd) Fifteen of sixteen government signatures have been obtained so we are close to getting final approvals. (Paul Ladd/NASB Meeting)

3215, *Adventist World Radio* channel has moved to 6 MHz ending tropical band broadcasting from this country. No plans to go back to the tropical bands since there are not enough receivers with 90 meters in the area. (Adrian Peterson/NASB Meeting)

MONACO *Radio Monaco* (Comm) - Summer Schedule 2012 in French:

1100-1103 mtwtf.. 4363 8728 13146 17260 in USB
(WRTH Update)

MOROCCO *Radio Marocaine* (Gov) - Summer Schedule 2012 in Arabic:

0900-2100 daily 15349± Key: ± Variable Frequency
(WRTH Update)

MYANMAR 7345, *Rakhine Radio* via Pyin Oo Lwin (site per DXLD 12-14); 1322-1330*, May 8. Underneath CNR1; in vernacular with pop songs; off with indigenous instrumental music. MP3 audio at <https://www.box.com/s/2406c544456485335143> (Ron Howard-CA/NASWA Yahoo Group)

OMAN *Radio Sultanate of Oman* (Gov) - Summer Schedule 2012

1400-1500 daily 15140 English
1500-2200 daily 15140 Arabic

0200-0300 daily 15355† Arabic
0300-0400 daily 15355† English
Key: † Irregular (WRTH Update)

PALAU Summer A-12 schedule of *Radio Free Sarawak* in Bahasa Malay/Iban:

1000-1200 on 15420
(DX RE Mix News/Dan Ferguson-SC)

T8WH – World Harvest Radio (WHR) - Summer Schedule 2012:

0200-0400 daily 17800 English
0800-0900 mtwtf 9930 English
0800-1100 daily 17650 English
0800-0900s. 9930 Japanese
0900-1000 daily 9930 English
1200-1400 daily 9930 English
1600-1700 daily 15530 English
2200-2300s. 9930 English
(WRTH Update)

PERU 5025, *R Quillabamba*, Quillabamba, 2242-2310, May 05, fighting with R Rebelde, but at the moment winner on this channel, but best heard in USB, program in Quechua and some ann in Spanish about Gastriplus and Sindicato único de trabajadores de ENACO (Empresa Nacional de la Coca). (Rodriguez-Colombia/DX Window)

5120.2, *Ondas del Suroriente*, Quillabamba, 2312-2334, May 05, retransmitting R Felicidad, emisora musical del Grupo RPP. Each hour with local ann from Quillabamba, at night and morning hours with ID and programs from Ondas del Suroriente. (Rodriguez-Colombia/DX Window)

6173.8, *R Tawuantisuyo*, 2157-0100, May 05, program: "Un mensaje a la familia", ID: "...Radio Tawuantisuyo la voz de la expresión andina, transmite desde Cusco, Perú...", at *2200-2400* with co-channel QRM from CRI in Portuguese and then Spanish. After 0000 without QRM for an hour. (Rodriguez-Colombia/DX Window)

PHILIPPINES All *KFBS* Saipan transmitters were shipped in three containers with antennas going to TWR Guam. All transmitters have been installed and are now operational broadcasting 60 hours a day. (Chris Slabaugh, FEBC at NASB Annual Meeting)

Radio Pilipinas Overseas (Gov) - Summer Schedule 2012:

0200-0330 daily 11880 15285 17700 English
1730-1930 daily 9395 11720 15190 Filipino
(WRTH Update)

PORTUGAL RDP Internacional: Inactive at time of publication, however broadcasts on SW may possibly resume in the future. (WRTH Update)

PRIDNESTROVIE (MOLDAVIAN S.S.R.) Radio PMR is using 9665 1800-2300. Languages are 1800, 2000, 2200 Russian, 1830, 2030, 2230 English, 1900, 2100 French, 1930, 2130 German. On Friday Radio PMR signs off at 2100. On Sunday Radio PMR signs on at 2100. (Edwin Southwell-UK/WDXC) Presumably no broadcasts on Saturday as in previous seasons. (Mike Barraclough-UK/WDXC Contact)

RUSSIA Summer A-12 of *Tatarstan Wave* in Tatar and Russian from Samara:

0410-0500 on 15110
0610-0700 on 9690
0810-0900 on 15195
(DX RE Mix News/Dan Ferguson-SC)

Radio Rossii (Gov) - daily Summer Schedule 2012 in Russian from Minsk to Europe:

0400-0800 12070
0825-1300 13665
1325-1700 9480
1725-2100 7215
(WRTH Update)

Russia's Ministry of Communications has prepared a new amendment to the Federal Program "Development of Broadcasting in the Russian Federation in 2009-2015". All advertised events this year to implement broadcasting in DRM standard will soon be lifted. As explained in the department, a program developed in 2008, did not fully take into account the latest technological advances. Over the past few years, the use of DRM in the world has significantly decreased, while broadcasters are still satisfied with the work in the VHF range and wait for the emergence of new hybrid technologies. (RUS-DX)

SPAIN 9665, *Radio Exterior de Espana* Reception report: "Dear Ian Cattermole, Thank you so much for your reception report! A QSL card is ready to be sent so you should be receiving it within the next few weeks. All our best, Alison, Justin and Frank, English Language Service, Radio Exterior de Espana, Corporacion RTVE - www.rtve.es." Is this a change of policy by REE I wonder? They discontinued QSLs some years back but I did get a verie letter last year now this. Regards, Ian."

SOUTH AFRICA *RTÉ Radio Worldwide* - Summer Schedule 2012 English/ Irish Gaelic:

1930-2000 daily on 5820
(WRTH Update)

Channel Africa - Summer Schedule 2012 from Meyerton Monday-Friday:

0300-0355 5980 English
0300-0500 3345 English
0500-0700 7230 English
0600-0655 15255 English
0700-1200 9625 English
1200-1300 9625 Nyanja
1300-1400 9625 Lozi
1400-1500 9625 Portuguese
1500-1555 15660 Swahili
1500-1600 9625 English
1600-1655 15235 French
1700-1755 15235 English

SRI LANKA *SLBC* took over DW Trincomalee site last year making it available for commercial usage. While antenna refurbishment continues on Guam, Trincomalee is being used by *AWR*. Expected to last through end of June depending on construction schedule. Getting many reception reports during this period. Would hope to continue using after Guam is restored to service but cost is the big issue. (*AWR*'s Adrian Peterson at 2012 NASB Meeting)

Sri Lanka Broadcasting Corporation (Pub) - Summer Schedule 2012 from Ekala unless otherwise indicated:

0020-0230 daily 7190 11905 Hindi
0120-0300 mtwtf. 6005 9770 15745 English
0300-0500s 6005 9770 15745 English
1000-1100 daily 6005 7190 11905 Malayalam
1100-1215 daily 6005 7190 11905 Tamil
1330-1530 daily 7190 11905 Hindi
1630-1830 daily 11750 (Trimcomalee) Sinhala
(WRTH Update)

TUNISIA *Radio Tunisienne* (Gov) - daily Summer Schedule 2012 in Arabic:

0300-0510 12005 17735
0400-0625 7275
0600-0810 7335
1600-2000 12005
1600-2010 17735
1700-2110 7225
1900-2310 7345
(WRTH Update)

TURKEY Summer A-12 English schedule for *Voice of Turkey*:

0300-0355 on 6165 9515
1230-1325 on 15450
1630-1725 on 15520
1830-1925 on 9785
2030-2125 on 7205
2200-2255 on 9830
(DX RE Mix News/Dan Ferguson-SC)

USA A *Voice of America* site once scheduled for closure has not only been saved but will be rededicated Wednesday (May 2) in a ceremony featuring the son of broadcasting pioneer Edward R. Murrow. *Voice of America* Site B, located 15 miles east of Greenville outside of Grimesland, was named for the legendary broadcaster when it opened in 1963. Murrow's name was removed from the building as part of security measures taken after the Sept. 11, 2001, terrorist attacks. Murrow's name will be returned during a 10 a.m. ceremony being held at the site, 3919 VOA Site B Road. The event is open to the public, and tours of the facility will be available after the ceremony. The Broadcasting Board of Governors announced in February 2010 it wanted to close VOA Site B so it could save about \$3.1 million annually and focus on upgrading its satellite, digital and other broadcasting technologies. The site B location broadcasts via short-wave radio to Cuba, the Caribbean and South America. In the past it also has broadcast to West Africa. Jones and U.S. Rep. G.K. Butterfield, D-N.C., worked to stop the closure, aided by another member of the North Carolina delegation, Democrat David Price. The closure never came because Congress had difficulties finalizing its 2010-11 budget and funding was included in continuation budgets. The broadcasting board notified Jones in January 2011 that the administration wouldn't pursue the site's closure. By that time Victor Ashe, former mayor of Knoxville, Tenn., and former ambassador to Poland,

joined the broadcasting board and toured the VOA Site B facility. "We believe free and honest information is a prelude and a foundation of a democratic society," Ashe said. Like other proponents of the site, Ashe said it's important to keep VOA Site B operating because it's the only short-wave Voice of America facility operating under U.S. jurisdiction. Other short-wave locations can be shut down at the insistence of its host nation. Other methods of broadcasting — radio, television, the Internet and social media — can be cut off or blocked. (Ginger Livingston, The Daily Reflector via Yimber Gaviria/PlayDX)

There are two new license applications for short-wave operations in the USA. One in Nevada for 1 50 KW and 1 100 KW transmitters and 4 Rhombic antennas and the other in Alaska with 1 250 KW transmitter and a curtain antenna. The Nevada applicant once had the license application for KIMF. Despite European stations leaving the air, it is not any easier to coordinate frequencies into Europe and North Africa. (FCC's Tom Lucey at 2012 NASB Meeting)

Congress Moves to Protect International Broadcasting: Kudos to the House Appropriations Committee for protecting U.S. international broadcasting against the eviscerating cuts in language services and personnel contained in the President's proposed fiscal year (FY) 2013 budget. If the budget passes—a big "if," of course—it could reverse a direction that can only be described as self-defeating for American foreign policy and public diplomacy. In its newly released draft of the FY 2013 budget, the House Appropriations Foreign Operations Subcommittee gave the Broadcasting Board of Governors (BBG) about \$26.98 million more than it asked for. In the Operations account, BBG asked for \$711.56 million and got \$740.10 million. In the Improvement account, BBG asked for \$8.59 million and got \$7.03 million. VOA Director David Ensor now has the opportunity to revisit the issue of the targeted language services. As a veteran journalist, formerly with CNN, Ensor knows the importance of protecting VOA's most important assets, its seasoned reporting and editing staff. The Broadcasting Board of Governors must allow him to do so. (The Foundry via Rich Cuff-PA)

KJES Radio (Rlg) – daily Summer Schedule 2012:

0100-0230 7555 English
1300-1400 11715 English
1400-1600 11715 Spanish

1800-1900 15385 English
1900-2000 15385 Spanish
(WRTH Update)

KVOH – La Voz de Restauración (Rlg): Inactive at time of publication. (WRTH Update)

WRNO Worldwide (Rlg): daily Summer Schedule 2012 in English:

0100-0400 daily 7505

Note: Hoping to reactivate in near future. (WRTH Update)

WRMI – Radio Miami International - Summer Schedule 2012 in English/Spanish:

1400-2200ss 9955

2200-1400 daily 9955

(WRTH Update)

UBBEKISTAN Frequency changes of **TWR India** in various Indian langs:

0030-0130 NF 12025, ex 11965 in Bengali/Hindi/Nepali

1315-1615 NF 11725, ex 11930 in Dorgi/Hindi/Punjabi

(DX RE Mix News/Dan Ferguson-SC)

CVC The Voice Asia Summer Schedule 2012 daily in Hindi:

0000-0400 6260

0100-0400 9975

0400-1100 13630

(WRTH Update)

VATICAN Summer A-12 of **Radio Veritas Asia** Relay:

1430-1457 on 15435 SMG in Urdu

1500-1557 on 15350 SMG in Tagalog

(DX RE Mix News/Dan Ferguson-SC)

VIETNAM The **Voice of Vietnam** in its Letterbox programme of 11 April confirmed that the best address to write to them is: The English programme, Overseas Service, Radio Voice of Vietnam, 45 Ba Trieu street, Hanoi, Vietnam, and not the 58 Quan Su Street address as is shown in WRTH2012. Or email at: englishsection@vov.org.vn. (Alan Roe-UK/WDXC Contact)

YEMEN Republic of Yemen Radio (Gov) – daily Summer Schedule 2012 in Arabic (Irregular):

0245-0600 9780
0500-1500 6135
1200-1800 9780
(WRTH Update)

ZAMBIA CVC 1Africa Radio (Rlg) daily Summer Schedule 2012 in English from Lusaka:

0600-2000 13590
1700-2200 4965
2000-2200 9505
(WRTH Update)

CVC Radio Christian Voice (Rlg) - Summer Schedule 2012 in English:

0500-1700 6065
2200-0500 4965
(WRTH Update)

ZANZIBAR 6015, ZBC, *0257-0316, May 9. Test tone heard at 0256; tone ended and started their repetitive xylophone or marimba sounding IS from 0257 till 0259; 0301-0306 reciting from the Qur'an; 0315 some type of song; poor. Nice to have them back to routine broadcasting again here! (Ron Howard-CA/NASWA Yahoo Group)

11735.00, 1650-2000, TZA, 25+26+28.04. **Voice of Tanzania, Zanzibar** Swahili/English Has been off the air, since the sea cable was damaged in Dec 2009, but came back on the air this week! Swahili talks, Afropop, Muslim music, except for English news daily at 1800-1806: drum IS, 6 pips time signal, "2100 East African Time. News from Tanzania Broadcasting Corporation, first the Headlines". 45444. (Anker Petersen-Denmark/PlayDX) Zanzibar Broadcasting Corporation, Voice of Tanzania in Swahili back SW from April 23. Good signal in BUL absolutely CLEAR freq 11735 at 1500-2100. English news 1800-1810, confirmed Apr.27-30! Start time vary: Apr 27 1456-1602&1756-2100; Apr28 1630-2100, day by day different times. 0300-0600 6015 confirmed this morning May 1, but very, very poor signal! (DX Mix News, Ivo Ivanov-BUL, via wwdxc BC-DX TopNews) The English ID at 1800 is "Zanzibar Broadcasting Corporation". This is now the official name of the broadcaster (ex Voice of Tanzania-Zanzibar). The change to ZBC apparently took place in 2010. Enjoyed listening to audio clip of yesterday's news in English at 1800 and noted the station now IDs as Zanzibar Broadcasting

Corporation. The confirms a Media Network report in March that Zanzibar TV and Voice of Tanzania-Zanzibar had been merged into a new organisation called Zanzibar Broadcasting Corporation (ZBC) in 2010. As 11735 has been off the air for much of the past 3 years its only now been possible to confirm this new station ID. (Dave Kenny-UK, BrDXC-UK)

Zanzibar Broadcasting Corporation (Gov) - daily Summer Schedule 2012 in Swahili:

0300-0600 6015
1500-2100 11735
News in English at 1800. (WRTH Update)

ZIMBABWE Voice of Zimbabwe (Gov) - daily Summer Schedule 2012 in English/Ndebele/Shona (Irregular):

1600-2200 4828
(WRTH Update)

WRTH UPDATES The WRTH Editorial recently released the Summer/'A' season broadcasting schedules file is now available to download, free of charge, from the WRTH website - click on <http://www.wrth.com> and follow the link "Latest PDF Updates". (Sean Gilbert, WRTH International Editor - WRTH via Dan Ferguson-SC) Select items from the released file are included this month as "WRTH Update".

WRTH BARGRAPH FREQUENCY GUIDE A12

Now Available - Order your cd today! We are delighted to announce the availability of the new WRTH Bargraph Frequency Guide for the A12 season. The CD contains the complete, and monitored, A12 international broadcasts, and fully updated domestic shortwave, displayed as a pdf colour bargraph. This CD is only for sale on the WRTH site. Visit our website at www.wrth.com to find out more and to order a copy. I hope you enjoy using this Frequency Guide. (Nicholas Hardyman, WRTH Publisher)

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

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Hello everyone and welcome to the June edition of the Pirate report. Hard to believe that is already June!

Over the last month or so conditions have deteriorated to typical late spring and early summer conditions with increased lightening crashes and elevated noise levels due to the increasing day length.

Activity has tapper off as compared to April with fewer ops on and fewer listeners at their radios. But still we had a good selection to hear if one was around the radio. As is the recent trend during the week there are few broadcasts with your best chance during the Friday-Sunday evening time frame.

Few of the listening high lights reported this month were Uncle Bob Radio and Toynbee Radio. This is one of the things that I love about pirate radio. You never know when a long thought inactive station will resurface or someone will do a relay of said long lost station.

OK, at the request from a few ops. They have asked me to cover the most basic requirements for the construction of a reception report for a pirate operator.

Date, of reception (preferably in UTC)

Time, of the reception including start and end time (again in UTC).

Frequency, your best tune with as much resolution that you have

Mode, AM, USB etc...

Reception conditions, SINPO or SIO in addition don't be afraid to use word based descriptions also.

Program details, some program details with times if possible. Use your own words different from what everyone else is using on the posting boards.

Program comments, optional but usually appreciated

Your equipment, Describe you receiver, antenna supporting equipment etc.

Your location,

The ops work long and hard to develop their programs so the least the listener can do is put forth a little effort to write a good reception report. When you write the report and you wish to receive a QSL let them know ask for one or mention that you would appreciate receiving one. Doing the above will yield you a larger QSL collect in the end.

And be patient for the QSL. These guys have lives also and like everyone summer is a busy time. Some ops especially the ones that like to mail QSLs like to do them in batches so you report may sit for a while until enough reports accumulate. I have gotten pirate QSLs from receptions as long as 3 years prior to the arrival of the QSL. It is a real surprise when a QSL like that arrives and gives it some special meaning (at least in my sick mind).

The future of the Column

I am wonder where you the reader would like to see the column go in the future and what your priorities might be in your mind. What would you like to see most of the column space used for, Logs, interviews, and technical information on equipment or technique as it pertains to pirate radio or something else? Please take a moment to drop me your opinion to my Gmail account: hfpirates@gmail.com

Thanks to all the log contributors this month! And now to the logs.

Captain Morgan Shortwave, 6925, 5-6, *0335-0405. Pop music. Lone Ranger theme music. IDs. Pop music by Harry Nilsson's "Put a Lime In The Coconut", Wild Cherry's

"Play That Funky Music", Bad Company's "All Right Now", and David Bowie's "Let's Dance". Good signal. Drifting down from 6925.04 at 0335 to 6924.84 by 0405. [Alexander-PA]

Captain Morgan, 6925, *0142-0227*, 05-13-12. SIO: 343 Signed on with spacey sounds into a semi-rap "A Pirate I Be", full ID 0145. [Lobdell-MA], [Taylor-WI], [Rohde-OH]

Channel Z, 6925.07, 0010-0030, May 20, British announcer. IDs. Announced "music before they were famous". Oldies 60's music from Elton John, Rod Stewart and others. Fair to good. [Alexander-PA], [Finn-PA]

Family Radio WFMT, 6924.7, 2255-2355, pop music by Lady Ga Ga. IDs. Dance music. Good. April 29. [Alexander-PA], [Lobdell-MA]

Northwoods Radio, 6925U, 0128 - 0136, 5.13.12. "Guerrilla Radio", Loon call, ID "... Northwoods Radio broadcasting freedom from the Great Lakes," CW, 0136 off. Someone with "Good show Jackpine" about 0137. Good. [Taylor-WI], [Lobdell-MA], [Coady-ONT], [Alexander-PA]

Radio Jamba International, 6932.25, 0020-0035, May 20, music. ID. Weak. Poor audio quality. [Alexander-PA]

Radio Ronin Shortwave, 6925, 0203-0305*, 05-19-12 SIO: 444. Classic rock tunes by Santana, Creedence Clearwater Revival and others. Nice audio and signal. [Lobdell-MA], [Handler-IL]

Radio Ronin Shortwave, 6950, 0013-0030, 5-30, music by Steppenwolf, The Animals, Steve Miller Band, and Pink Floyd. ID. Fair to good. April 30. [Alexander-PA]

Radio Ronin Shortwave, 6925, 0017-0142*, May 6. apparently the one as reported Free Radio Network with CW IDs for some reason and non-stop rock vocals including some CCR many songs with rain based theme. Good signal. [D'Angelo-PA], [Alexander-PA]

Red Mercury Labs, 6925, 0205-0239*, 05-09-12 SIO: 232 Talk and rock music, mentions of "Cheese Nips" and cotton seed oil, played some Alice In Chains at 0230 Off at 0239

after talking about the research vessel Red Mercury. [Lobdell-MA]

Renegade Radio, 6925 USB, 0321-0325+, 04-30-12 SIO: 222 IDs, shout out to "Bender" on The HF Underground, talk about playing "2-fers", played two Van Halen tunes. Weak but steady. [Lobdell-MA]

The Crystal Ship Relay Service, 6900, 0145-0157*, 05-09-12. SIO: 322 Rock tune, full ID at 0152 by OM. Requesting reception reports to: tcsshortwave@gmail.com Severe QRM on low side. [Lobdell-MA]

Toynbee Radio, 6.927.7, 0132, 5-6, Started around 0132 Played a song that started with "Let's move 'Em out... one, two, three, four I guess it was some sort of a cowboy song. "Attention, general control. Warnings about Jupiter. This is "Toynbee Radio". Talking about Phase one. Off 0140. [Smolinski-MD]

Uncle Bob Radio, 6.925, 5-18-2012, 35333, taking about going on a beer run, talking about the time he went hunting with one bullet in his rifle, "I got a big gun and lots of ammunition and I am not afraid to use it", 2256 Uncle Bob ID. 2256 "This is Uncle Bob", dueling banjos, Uncle Bob is a professional drinker and he would win the contest. [Rohde-OH]

6925 **Undercover Radio** in AM mode at 0400 with a man talking about the price of freedom and how we are doomed to become zombies followed by a weird kind of head banging rap music and some weird techno rock and an ID of "This is Undercover Radio broadcasting from the middle of nowhere" at 0413 followed by e-mail of undercoverradio@gmail.com - Weak and noisy 5/13 [Coady-ONT], [Lobdell-MA], [Taylor-WI],. [Alexander-PA]

WBNY, 6924.64, 0125-0133*, May 20, pop music. IDs. Easter music. Talk. Weak. Poor in noisy conditions. [Alexander-PA]

Wolverine Radio, 6.925U, 0310, 5-19-2012, 45444, 0310 "Mojo working", 2-3 other pre-motown tunes, 0319 "Wolverine Radio" whispered and then off. SSTV near close. [Rohde-OH], [Handler-IL], [Alexander-PA]

WPON, 6925U, *2318-2340, 5-11, IDs. Parody song of Queen's Bohemian Rhapsody. Rap music. George Carlin bit. Good. [Alexander-PA]

WPON, 6925 USB, 0135-0227*, 05-12-12 SIO: 454 Very strong. Playing rock, first few songs were anti-Banker/Banking. OM with diatribe on "The USA is being extracted" at 0202. [Lobdell-MA]


XFM, 6925, 0249-0317+, 04-27-12, SIO: 232. Pop music, talk about buying a too small computer keyboard and returning it to the store. ID "This is XFM, The Power of X" by OM. Tunes "Christina" by The Broken Bells, "Sultans Of Swing". [Lobdell-MA]

Euro Pirates

Borderhunter Radio, 5-20-2012, 1605, 15.480/ 15.305. After a long absence

Borderhunter was on the air evaluating his transmitter repairs. The signal was weak here [25323] with some fades. For the most part he played dance music with a heavy beat with only very occasional talk from the op. 15.480 was the best freq at this QHT but I could hear him on both frequencies. Considering the local time here it was not bad. [Rohde-OH]

Radio Spaceman, 6250, 2305-0012*, 05-11-12. SIO: 333 Nice signal from Europe. Played a couple of songs by "Canned Heat" and the "Green Beret Song". Shout-outs to listeners. Said located on the East side of Holland. [Lobdell-MA], [Alexander-PA]

Radio Spaceman, 6308, 0000-0023. Pop music. ID. Mentioned from The Netherlands. Shoutouts. Sign off around 0030. Poor in thunderstorm static. May 6. [Alexander-PA] 

WORLD OF RADIO SHORTWAVE SCHEDULE as of May 25

Days and times strictly UT

Thu 0330 WRMI 9955
Thu 2100 WTWW 9479
Fri 0330v WWRB 5050
Sat 0130v WBCQ 5110v-CUSB [also try LSB]
Sat 0800 WRMI 9955
Sat 1500 WRMI 9955
Sat 1730 WRMI 9955
Sun 0400 WTWW 5755
Sun 0800 WRMI 9955
Sun 1530 WRMI 9955
Sun 1730 WRMI 9955
Mon 0500 WRMI 9955
Mon 1130 WRMI 9955
Tue 0930 Hamburger Lokalradio 5980 - Germany

Complete schedule also on internet, satellite, FM and AM, with hotlinks to station sites and audio, is at:

<http://www.worldofradio.com/radioskd.html>

On WRN via SiriusXM 120:
Sat & Sun 1730, Sun 0830 UT

QSL Report

Sam Barto • 78 Blakeman Road • Thomaston, CT 06787



BONAIRE: Radio Nederlands 6165 f/d "Canal in Diemen" cd. in 73 ds. w/ program schedule, decals and a map of "Gardens and Country Estates" picture postcard. (Wilkins-CO).

BULGARIA: Radio Bulgaria 5900 the station verified one of their last week of broadcasts w/ a f/d "Aneliya Tsonkova" cd. in 94 ds. The station also sent a station sticker, a booklet entitled "Bulgarians: Civilizers of the Slavs" and a CD entitled "Introducing Bulgaria". (D'Angelo-PA). 5900 f/d same cd. as above in 3 mos. This is my final QSL from Radio Bulgaria! (Witherspoon-NC). Hi Tom. Nice to see a new contributor...Sam

CHINA, PEOPLES REPUBLIC OF: Radio Canada Internatio-

STATION NOTES: Radio Free Asia 12140 Email: qsl@rfa.org Radio Nederland 12065 via Tinian Addr: P.O. Box 222, NL-1200 JG Hilversum, Holland Radio Teos 11650

via KFBS Tinian Addr: Radio Teos, Box 110, RU-190000 Saint Petersburg, Russia Cross Radio 4755 v/s Sylvia Kalau, Station Manager. Email: pbhnp.ei@pmapacific.org

Deutsche Welle 5925 via Grigoriopol Email: info@dw-world.de Radio PMR 6240 Email: radiopmr@inbox.ru v/s Kirs Anatoly Alekseyevich. Addr: Radio Pridnestrovie, MD-3300, Tiraspol, Pravda Str. 31. Voice of Russia 7290 via Kishinev - Grigoriopol Email: world@ruvr.ru ...via PLAY DX ...Sam.



nal 9880 via Kunming f/d "Maple Leaf Mailbag" cd. in 8 ds. v/s Bill Westenhaber. Also rcvd. a final broadcast schedule for the Winter shortwave period. (D'Angelo-PA).

EURO PIRATES: Cupid Radio 21460 the station verified my postal report w/ a photo quality f/d "Studio" cd. in 93 ds. from v/s Rinus who included a nice 3 page pictorial information sheet about the station and its operations. (D'Angelo-PA). Radio Spaceman International 6295 the station ver-



RADIO CORA

REMARKS

QSL to Mr. AK's JERRY KLINK
 Country: U.S.A.
 Re. Your Report of: Oct. 17, 1993
 On the Frequency: 11490 KHz
 Wavelength: 25.02 Metre

From the Time: 1712 UTC
 To the Time: 1731 UTC

TXN For Report
 Radio Kuwait

Seal:  Signature: 

ENGINEERING COMMUNICATIONS DEPARTMENT
 CONTROLLER OF FREQUENCY MANAGEMENT
 P.O. BOX: 307 SAFAT, 13004 SAFAT - KUWAIT
 FAX: (905) 2415488
 (905) 2415048
 TELEX: (498) NR 46286 KY.



ified my Email rpt. w/ a f/d "Spaceman" electronic attachment in 11 ds. from "Tom" who is a veteran in pirateland. He has been broadcasting pirate operations for 38 yrs mostly mediumwave, not married (I can understand that!... Sam.) one daughter of 29. He is my age

56. Tom indicated that he had received many emails for this 48 meter transmission. (D'Angelo-PA).

GERMANY: Trans World Radio 6105 via Nauen (East Germany - DDR) p/d

Email in 47 ds. from v/s Walter Brodowsky, TDF Group Short-Wave Project Leader who indicated the transmission used a 100 KW transmitter combined



KNLS - New Life Station
 Anchor Point, Alaska

STATION NOTES: Radio Canada

International 9490 via Tinang

Addr: P.O. Box 6000, Montreal, PQ H3C 3A8, Canada v/s Bill Westenhaver, QSL Manager. **Atlantic Radio 6400** Email: info@atlanticradio.ie v/s Stephen Prendergast. another Email: atlanticradio1251@gmail.com **Appelflap Radio 4030** Email: og-fri@zonnet.nl **Baltic Sea Radio 7000**

Email: balticseapirate@gmail.com **Central Radio International 6325** Email: joek5839@yahoo.com v/s Joe Ken another Email: merseyradio@yahoo.com **Free Radio Network 3905** Email: music@freeradio network.co.uk **Free Radio Nova 3935** Email: info@freeradianova.com **Free Radio Victoria 6450 and 7630** Email: freeradiovictoria@hotmail.com ... via PLAY DX...Sam.

with an HR 2/4/0.5 antenna system. The antenna azimuth was 285 degrees and the original target was Western Europe and the United Kingdom. (D'Angelo-PA). **Radio Dardasha 7 (Bible Voice)** 7310 the station verified my email rpt. via Media Broadcasts w/ a p/d email from Walter Brodowsky, TDF Group Short-Wave Project Leader in 145 ds. Walter noted that the transmission I heard used a 125 KW transmitter at MB Radio Station Wertachtal in combination



TRAXXfm, 3rd Floor **Wisma Radio Angkorpont**,
 RA.Bor 11272, 00740 **Randa Lumpur**
 Tel : +603-22067205 Fax : +603-22067200



1st December 2008

RICHARD A. D'ANGELO
 2216 BURKEY DRIVE
 WYOMISSING, PA 19810
 U.S.A.

Hi Sir

VERIFICATION REPORT - 30 JANUARY 2007

Thank you for listening to TRAXXfm. We really appreciate your feedback. I believe your letter went astray all this while.


Nevertheless; based on your reception report, you were listening to one of our TRAXX SELECTA programme called JAZZ that used to run on every TUESDAY.

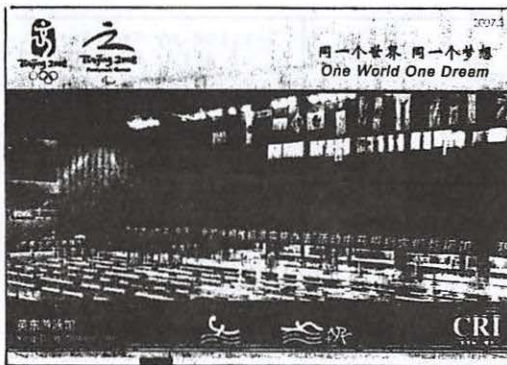
Now TRAXXfm is an official tourism radio with our new tagline- "TRAVEL N MUSIC". For more details on the all new TRAXXfm, log on to our website at www.traxxfm.net.

Hope to hear from you again. Stay tune for more fun, informative and entertaining programmes.

Terima kasih.

Yours faithfully;


 Suhaila Md Zaini
 TRAXXfm - Head of Programming
 sue@traxxfm.net



w/ a HR 4/1/0.5 antenna on 120 degrees antenna azimuth. The original target area was the Middle East. (D'Angelo-PA).

MONGOLIA: Voice of Mongolia

12085 the station verified my email report w/ an email reply in 10 ds. from v/s Enkhmaa Zorigt, Mail Editor at the Voice of Mongolia. The old email: densmaa9@ya.hoo.com seems to have been replaced by: vomen@yahoo.com Former Mail editor Bolorchimeg Enkhbaatar seems to be no longer in this position. (D'Angelo-PA).

Philippines: FEBC Radio International 12095 via **Bocaué** the station verified my email rpt. w/ an email reply in 9 ds. from v/s "Owen" who recently inherited the QSL response task for the station. He used to be the antenna rigger on the FEBC shortwave station KFBS on Saipan. He further stated that a little over a year ago the station was dismantled due to a number of reasons. The transmitters will eventually be installed in Bocaué and Iba at FEBC's two shortwave facilities. He is now a consultant within FEBC and

STATION NOTES: Radio Cultura

Para 5045 Addr: Avenida Almirante Barroso 735, Barrio Marco, CEP-66093-020 Belem, Para, Brasil. **Focus International** 6240 Email: focus@live.co.uk **Radio Tower** 6300 Email: radiotower@home.nl **Crazy Wave Radio** 6300 Email: shortwave@gmx.de **Radio Marconi** 6305 Email: radiomarconi@msn.com **Radio Tidal Wave** 6420 Email: radiotidalwave@hotmail.com **Radio Universe** 6450 Email: radiouniverse@hotmail.com **Laser Hot Hits** 6970 Email: studio@laserhothits.co.uk **Radio Seagull** Email: office@radioseagull.com Addr: P.O. Box 24, NL-8860 AA Harlingen, Netherlands.

DEPARTMENT OF DEFENSE
NSIC DET AFFHS-DMC
23755 Z St, Bldg. 2730
Riverside CA 92518-2617

OFFICIAL BUSINESS

Dear Richard D'Angelo

This confirms your reception of the American Forces Radio and Television Service Short-wave signal.

Original Station AFN Diego Garcia
Frequency 4215 kHz
Date 4 Dec 2009
Time 2200-2300 UTC

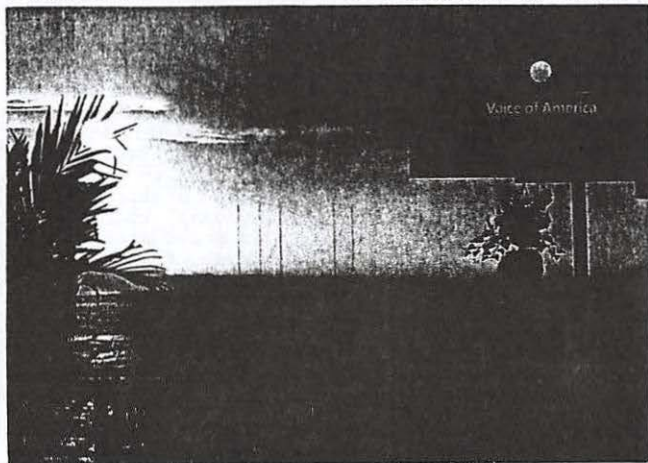
We thank you for your interest and confirmation of our signal's quality.

Sincerely,

C. Cell



Richard D'Angelo
2216 Burkay Drive
Wyomissing, PA
19380



Radio Countdown 6306 Email: rad iocountdown@hotmail.com ...via PLAY DX ...Sam.

travels to a number of our stations as the need arises. (D'Angelo-PA).

USA (Pirates): Radio Vixen International

6925 my email report was verified in 1 hour w/ a f/d email attachment of a female fox. The station noted that they are now

BROADCAST AUSTRALIA

Radio Australia uses facilities owned and operated by Broadcast Australia. Broadcast Australia would like to congratulate the ABC in celebrating 60 years of Radio Australia transmission from Shepparton to the world.

Dear Richard A. D'Angelo
Thank you for advising us of Reception in your area.
This Card confirms your reception report 73 Sam Johnson



Date	Time	Frequency	Call	SIO
9 Jan 2 2009	2057-2130	11660	Shepparton	A21 = 70°

To find out more about Radio Australia visit www.radioaustralia.info
For more information about Broadcast Australia visit www.broadcastaustralia.com.au

Laboratories 6925 The card was in shades of red (of course), radiatio on-hazard like logo w/ the letters QSL. The sender was "Joe Blow"... the operator has to get a little more original than that...Sam. (Hauser-OK). the station verified my email report w/ an email reply in one day. v/s "Spike"...a little better...Sam. The attachment was a spaceship. (D'Angelo-PA). f/d "Sailing Ship" email card in 3 days. Email: redmercurylabs@gmail.com (Lobdell-MA). **Radio Mushroom 6925** the station verified my email rpt. w/ a f/d jpeg attachment with the following note: "Sorry for creating such a mess again but whenever we power our transmitter with pure nuclear energy we always seem to create a mushroom cloud. We were direct-

To Mark Scheffelbein

This is to confirm your reception report of our broadcasts...

Transmitter location Manaco
Date 14 December 2007
Time 0800-0850 UTC
Frequency 7800 kHz

QSL

Thank you for your report! Regular reports from our listeners help us serve you better. You will automatically receive a copy of our next transmission schedule.

We wish you joy as you listen to Trans World Radio and look forward to hearing from you again!



Sincerely,

Bell Chik

PO Box 141, A-1233 Vienna, AUSTRIA
PO Box 151, NL-3780 RD Voorthuizen, THE NETHERLANDS

STATION NOTES: **Orion Radio 5815** Email: info@orionradio.nl
Pirate Radio Malta 6930 Email: shortwavemalta@hotmail.com
Premier Radio International 6485 Email: premierradio@yahoo.com

ie Radio Alice 6420 Email: radioalice@hotmail.com **Radio Amica 7610** Email: radioamica@gmail.com **Radio Baken 16 3885** Email: baken16@rock.com **Radio Verdad 4055** v/s Dr. Edgar Amilcar Madrid. Addr: Apartado Postal 5, Chiquimula, Guatemala Email: radio.verdad.em@gmail.com **Radio Liberty 5825** via **Thailand** Email: manager.thailand@tha.ibb.gov Addr: Thailand Transmitting Station, P.O. Box 99-A, Muang, Udon Thani 410000, Thailand. **Radio Saint Petersburg 9825** via **Radio Rossii** Email: timofeyev@sp.ru Addr: SPBRC Technical Department, Ulitsa Akademica Pavlova 3, RU-197022 Saint Petersburg, Russia...via PLAY DX.

Verification of Reception (QSL) Form
Voice of America
Washington, DC 20237
USA
www.voanews.com



WE ARE PLEASED TO CONFIRM YOUR RECEPTION:

Date: 25-January-2009
Time (UTC): 23:02
Frequency: 9490 kHz
Relay: Philippines

Date: 8-March-2009
Time (UTC): 22:48
Frequency: 11610 kHz
Relay: Philippines

ly tapped into the core of a nuclear reactor last night which powered our broadcast (D'Angelo-PA).

Only one or two reports left but we hit our allotted pages. Till next time.

73s and best QSLing.

Sam

Powerful transmitters and antennas towering hundreds of feet high beam VOA radio programs to listeners around the world from U.S. Government international broadcasting stations.

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
Mark COADY, Peterborough, ONT	Alinco DX-8RT, G5RV & Angler antennas
Rich D'ANGELO, Wyomissing, PA	TenTec RX340, DX Sloper
Jim EVANS, Germantown, TN	RX340, R75, 90' lw, Wellbrook ALA100M loop
Elliot FEINBERG, Brooklyn, NY	Sony 2010, Eton E-10, longwire
Bob FRASER, Belfast, ME	Sangean ATS-909-X, Grundig Mini 300, whips
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
William McGUIRE, Cheverly, MD	DX-380
Richard PARKER, Pennsburg, PA	51S-1-X, R390A, SE3, ant. farm
Jim RONDA, Tulsa, OK	NRD-545, R75, PAR EF-SWL & FlexMLB
Giovanni SERRA, Rome, ITALY	NRD-525 AD Sloper

2000-5900 kHz

Tropical Band Loggings

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

- 2850 NORTH KOREA *KCBS* Pyongyang 0326-0331 (P); Carrier but no audio; f-g; 4/18. (Parker-PA)
- 3205 PNG-NEW GUINEA TERRITORY *NBC* Sandaun 1224-1307* V. similar recep as to that rptd by H. Sellers-BC in dxldyg; in Tok Pisin w/ DJ playing Pacific Island pops; 1243: iFriday night...N-B-C Sandaun shortwave...17 till 11i; 1256: usual full ID w/ i3,205 kHz....90.7 MHz.i; 1302: iNews Roundup in EE; item re groundbreaking ceremony for new housing project, etc.; suddenly off the air just at the end of the iNews Roundup; better than recently heard; 4/20. (Howard-CA)
- 3240 SWAZILAND *TWR* Manzini 0337-0340* M acr in listed Ndaun over mx; 15dB sig; fair; 4/18. (Parker-PA) 0315 Unaccompanied songs in listed Shona; clear shift in lang & ancr at 0325; this is the sked shift to listed Ndaun; slight sig improvement by 0330; (P) ID w/ iRadioi at 0339; off at 0340 as per sked; poor; 5/17. (Ronda-OK)
- 3250 HONDURAS *R. Luz y Vida* San Luis 0343-0348 SS; M ancr & upbeat mx; M ancr w/ echo fx over hymn; 20dB; f-g; 4/18. (Parker-PA) 0326 SS; Lite pop instrumental mx; brief ancrment at 0329 & return to mx; poor; 4/23. (Ronda-OK)
- 3255 SOUTH AFRICA *BBC* Meyerton 0348-0353 Nx; p-f in static; 4/18. (Parker-PA)
- 3289.9 GUYANA *GBC* Georgetown 0422 EE; BBCWS relay; discussion of internal migration in W. Africa; BBCWS ID at 0429; poor; 4/19. (Ronda-OK)
- 3309.98 BOLIVIA *R. Mosoj Chaski* Cochabamba 0920-0936 SS; W ancr between ballads; brief, canned ancrment at 0928 though no discernible ID noted; p-f in ECCS-LSB; 4/23. (Barbour-NH)
- 3320 SOUTH AFRICA *R. Sondergrense* Meyerton 0354 M ancr w/ EZL mx; 30dB sig; f-g thru ute QRM; 4/18. (Parker-PA) 0432 W ancr in Afrikaans; fair in noisy band condx; 4/24. (Ronda-OK)
- 3325 INDONESIA-KALIMANTAN *RRI Palangkaraya* 1213 In progress w/ Jakarta nx relay; //4869.96 Wamena p-f; 3995 Kendari-best reception since their reactivation & 9680 Jakarta-poor w/ CNR1 QRM; 1224 ends w/ the usual patriotic nat'l song titled "Bagimu Negeri" (For You Our Country); trnx to A. Davies for providing the name of this song in dxldyg; 1226 no longer //; MP3 audio <http://www.box.com/s/96f2c2ed5f5399500bfc>; 4/26. (Howard-CA)
- 3345 SOUTH AFRICA *Channel Africa* Meyerton 0355-0403 EE; M & W ancrs w/ nx; ToH pips; 20dB sig; fair; 4/18. (Parker-PA)
- 3350 COSTA RICA *REE* Cariari de Pococi 0408 SS; Pop mx; big 80dB sig; exc.; 4/18. (Parker-PA)

- 3915 **PNG R. Fly** Kiunga 1357-1428 (P); Non-stop mx; Pacific Island pops; C&W iNow That I Found You!; jazz instrumental, etc.; have not heard this recently; poor w/ usual QRM from 3912; 4/20. (Howard-CA)
- 4045 **USA WWCR** Nashville 0057 I am hearing a mix of WWCR sigs, one saying changing freq to 5890, w/ steel drums & cuts off at 0058; therefore, that was WWCR-4 on 9890 & the mix was w/ WWCR-2 on 5935, which had started an hour earlier; 9980 minus 5935 = 4045!; this was on the DX-398 on the porch & could have been due to receiver overload rather than txmission & I had no time to check it on another receiver; 5/13. (Hauser-OK)
- 4055 **GUATEMALA R. Verdad** Chiclayo 0415-0419 W ancw w/ relg mx; scarcely above the noise but mx clearly audible; LSB only due to massive QRM; 4/3. (Parker-PA) 0454 PP; Dramatic relg narration w/ mx; recheck around 1155, was still audible but about to f/out; today's Enid sunrise being 1150; moving 8-9 minutes earlier per week; 4/24. (Hauser-OK)
- 4409.74 **BOLIVIA R. Eco** Reyes 0103-0117 SS; Andean mx at t/in; M ancw w/ talk; threshold sig; pretty much gone by 0115; 5/15. (Barbour-NH)
- 4500 **CHINA Xinjiang PBS** Urumqi 1732-1800* Pop ballads w/ M ancw between selex's; brief talk at 1757; mx; M ancw over mx & pips at 1800 then off; best in SSB w/ inter-audio filter to muffle strong RTTY & other ute; mild QRN; p-f; 4/17. (Serra-Italy)
- 4699.91 **BOLIVIA R. San Miguel** Riberalta 0904-0919 SS; M ancw w/ LA ballads & relg talk between selex; ments. of "Santa Maria"; p-f in ECCS-LSB; 4/23. (Barbour-NH)
- 4747 **PERU R. Huanta 2000** Huanta 1036-1038 SS; M & W ancws w/ talk; weak w/ minor fading; 4/26. (Evans-TN)
- 4750 **BANGLADESH Bangladesh Betar** Shavar 1219-1242 In Bengali w/ SC mx; 1225-1228: Moslem Maghrib (sunset) call-to-prayer; 1230-1234: M ancw; 1234; SC mx; 1235-1242: W ancw w/ the Monday only nx bulletin in EE; items: iThe nation celebrated the Bengali New Year 14-19 last Saturday; current Bengali year is 1419; Bangladesh and Malaysia signed a Memorandum of Understanding for building of a bridge; etc; assume this is their weekly SAARC (South Asian Association for Regional Cooperation) nx bulletin; Bangladesh Betar website (<http://www.betar.org.bd/>) lists i1835 [1235 UT] (SAARC News Bangla) 1850 [1250 UT] (SAARC News English) in every Monday, but is actually observed just the opposite; no hint of RRI Makassar; mixing badly w/ CNR-1; poor; 4/16. (Howard-CA) 1235-1242 For the 3rd Monday have heard the SAARC nx bulletin in EE; poor mixing w/ CNR-1; still no sign of RRI Makassar; 5/7. (Howard-CA)
- 4755.4 **MICRONESIA V6MP The Cross** Pohnpei 1003-1026* EE; Relg talk by M preacher, occ. joined by W; relg mx at 1023 followed by ancmts; gone at 1026; v. weak w/ fading; above the noise most of the time; 4/26. (Evans-TN) 4755.42 1009-1041 EE (P); M preacher w/ US-style, brokered relg. prg.; could make out a few phrases referring to the Bible & Christ; diff. ancw at 1025 w/ drop in audio lvl & (P) contact info & phone number; "You are listening to..." at 1029, couldn't tell if prg or stn ID; ballads until ancw at 1039, at which point the sig was pretty much unusable; back to mx at 1041; poor, but still better than the few, (T) logs I copied over the past winter; 4/16. (Barbour-NH)
- 4765.05 **TAJIKISTAN Tajik Radio-1** Yangiyul 0005-0015; W & M ancws in vern. over lcl mx; best in USB; fast QSB & mild QRN; f-g; 4/22. (Serra-Italy)
- 4774.8 **PERU R. Tarma** Tarma 1043 Word fragments at 1043; sudden improvement at 1049 w/ songs & rapid fire talk in SS; continuing to improve at 1052; v.poor; 4/16. (Ronda-OK)
- 4780 **DJIBOUTI RTD** Atta 1822-1948 Lcl chants w/ instrumental mx; 1936 ancw ment. Radio Djibouti; chants & M ancw w/ occ. mx; best in LSB w/ inter-audio filter to avoid strong utes; QRN crashes; p-f; 4/15 & 25 (Serra-Italy) *0259-0320 S/on w/ NA followed by AA talk; lcl chants at 0303; talk at 0313; poor in t-storm static; 4/26 & 5/19. (Alexander-PA) 0301-0325 M ancw w/ recitation until 0310; M ancw in AA; fair at t/in but rapidly deteriorating by 0320 & just about gone by t/out; 5/9. (DiAngelo-PA)
- 4789.98 **INDONESIA RRI Fak Fak** 1200-1401 Start of the Jakarta Nat'l nx relay, ending w/ their national song "Bagimu Negeri" (For You Our Country) in Bahasa Indo; //3325-Palangkaraya, 4869.96-Wamena & 9680-Jakarta; unable to hear 3995-Kendari; no longer // after 1221; W DJ playing pops, a few in EE; clear ID: "Radio Republik Indonesia Fak Fak"; poor w/ strong CODAR; the downside to listening next to the ocean is that these ocean related CODAR sigs are stronger; MP3 audio at <http://www.box.com/s/af7350de142727006378> w/ start of the nat'l song w/ rooster crowing & ID at 1:01; audio seemed muffled; tnx to Sei-ichi Hasegawa's tip in dxldyg on 4/27; 4/29. (Howard-CA)
- 4800 **CHINA CNR-1** Geermu 2302-2315 CC; M & W ancws; ment. Zhongguo; brief promos/jingles; ID over mx into (P) nx; 2308 M & W ancws over mx; several ments. Zhongguo; best in SSB w/ mild QSB; S9+20; good; 4/21. (Serra-Italy)

- 4800 **INDIA AIR Hyderabad** 1647-1701 Hindi chants; brief ancrment & continuing vcl chant w/ bow sound; more ancrments & vcl chants; best in SSB w/ inter-filter; fast QSB & QRN crashes; poor; 5/04. (Serra-Italy)
- 4810 **ARMENIA V. of Armenia** Yerevan 1923-1930:16* AA; Lcl chants w/ instrumental mx; M ancrment. Yerevan; brief IS & s/off at 1930:16; best in SSB w/ mild QSB; 9+20 of peak & lite QRN; good; 4/26. (Serra-Italy)
- 4820 **TIBET Xizang PBS** Lhasa 2316-2324 CC; M ancr, occ. over mx; brief ancrments by diff. M ancr; best in USB w/ inter-filter to null strong het & RTTY; good; 4/21. (Serra-Italy)
- 4850 **CHINA Xijiang PBS** Urumqi 2332-0000; Continuous, indigenous vcl mx; ancr at 2353 though rough copy by then; more mx at 2356; booming sig at t/in; f/out w/ increasing CODAR by ToH; ex-4330; 4/21. (Barbour-NH)
- 4870 **INDIA V. of Kashmir** Dehli 0238-0246 (P); M & W ancr in vern.; 20db sigs but troubled by jamming; p-f; 4/18. (Parker-PA)[co-ch. V. of Iranian Kurdistan listed here at this time too-ed.]
- 4878.3v **BRAZIL R. Difusora Roraima** Boa Vista 0315-0403 PP talk; lite mx; NA at 0400; s/off at approx. 0403; 5/13 & 18. (Alexander-PA) 4878.5v 0345-0403* Brazilian pops; PP talk; ID; s/off w/ NA; still here w/ a distorted, wobbly, unstable sig; 4/22. (Alexander-PA) 4878.9 0318-0328 PP pop mx w/ occ. short ancrments; v. weak w/ fading, down in the noise 75% of the time, but w/ a couple of good peaks; 4/17. (Evans-TN) 4879 0232-0237 PP pops; 50db sig; v. loud audio but horribly distorted; 4/18. (Parker-PA)[how long before this txmitter gives up the ghost?-ed.]
- 4885 **BRAZIL R. Clube do Para** Belem 0356-0402 PP; M & W ancres w/ lengthy talk; punching thru v. noisy band w/ steady 45dB sig; g; 4/3. (Parker-PA) 0042-0110 PP; W preacher until 0048; ballad & back to sermon; ancrments & ID at 0100 over mx; M & W ancres w/ nx; best in SSB w/ fast QSB & moderate QRN; fair; 4/21. (Serra-Italy)
- 4905 **TIBET Xizang PBS** Lhasa 2211-2234 M & W ancres in vern. over mx; ballads; 2230 ancrment & more talk over mx; best in SSB w/ strong static crashes; fair; //4920; 5/5. (Serra-Italy)
- 4914.98 **BRAZIL R. Difusora de Macapa** 0126-0248 PP; M ancres ment. Macapa; pops & ballads; best in USB w/ NIR12; fast QSB & moderate QRN at times; poor; 4/19 & 5/1. (Serra-Italy) 4915 0225-0230 Slow pops; canned ID; M ancr w/ occ. talk over mx; 50db & outstanding audio; exc.; 4/18. (Parker-PA) 0322-0331 (P); Brazilian ballads; M ancr in PP at 0325, sometimes joined by others; more ballads at 0330; v. poor; appeared to be very slightly low in freq; 4/25. (Evans-TN)
- 4920 **TIBET Xizang PBS** Lhasa 2326-2337 M ancr in (P) Tibetan; 2330 M & W ancres w/ brief ancrments over mx; M ancr between mx bits; best in SSB w/ fast QSB; 9+20 of peak; mild QRN & occ. RTTY; good; //4905-good; 4/21. (Serra-Italy)
- 4940 **CHINA V. of the Strait** Fuzhou 1126 CC; M & W ancres w/ talk; continued at poor lvl at 1147 recheck; best in LSB; poor; 5/9. (Ronda-OK)
- 4950 **KASHMIR AIR Srinagar** 0115-0124 (P); Hindi chants & M ancr w/ talk; best in USB w/ inter-audio filter to null het; fast QSB & strong static crashes; poor-barely audible; 5/01. (Serra-Italy)
- 4960 **SÃO TOME VOA** Pinheira 0430 EE; Sports nx; ID at 0430; f-g; 4/24. (Ronda-OK)
- 4979.99 **CHINA Xinjiang PBS** Urumqi 2339-2352 W ancr in vern.; 2343 instrumental mx bit; W ancr over mx; promos & b ancrments; best in USB w/ inter-filter to null mild RTTY; mild QRN & fast QSB; good; 4/21. (Serra-Italy)
- 4990 **SURINAME R. Apintie** Paramaribo 0219-0223 Ballads & M ancr in (P) Dutch; 30dB sig w/ weak audio; p-f; 4/18. (Parker-PA)
- 5005 **EQ. GUINEA R. Nacional** Bata *0536-0545 S/on w/ SS talk; weak & poor in noisy condx; also heard earlier at the unusual time of 0040 tnx to D. Jensen tip; 4/20. (Alexander-PA) 1836-1853 M ancr w/ talk; brief chant; Afropops; brief ancrments over mx w/ ment. Radio Bata; best in LSB w/ inter filter to null strong RTTY; static crashes; p-f; 5/04. (Serra-Italy) *0536-0555 S/on w/ SS talk; Afropops; African choral mx; weak & poor in noisy condx; v. irregular s/on time, varying between 0453-0539 the past 2 months; 5/12. (Alexander-PA) 0504-0527 (P); Nice prg of Afropops w/ ancrments noted by M ancr in SS; fading fast by 0520 & almost gone by t/out; p-f; 5/19. (DiAngelo-PA)
- 5010 **INDIA AIR Thiruvananthapuram** 0025-0046 M ancres in vern.; W ancr w/ EE nx from 0035-0040; prgrming in lcl lang; M & W banter; Hindi mx; best in SSB; mild QSB & static w/ S9+15 of peak; fair; 4/15. (Serra-Italy) 1624-1638 M & W ancres in vern.; 1628 slow music bits w/ M & W ancres; Hindi mx; best in SSB w/ inter filter; strong static; p-f w/ NIR12; 5/01. (Serra-Italy)
- 5010 **MADAGASCAR RTV Malagasy** Antananarivo 1759-1844 Lcl mx & occ. talk; clearer audio w/ Afropops; M & W ancres; best in SSB w/ inter filter; strong static crashes & fast QSB; JBA/poor; 4/18 & 5/1. (Serra-Italy) 0223-0250 Carrier+USB; t/in to lcl African choral mx; short IS at 0226; NA at 0226:30; opening ID ancrments at 0229; Malagasy talk & more choral mx; weak & poor in noisy condx; 4/29. (Alexander-PA)

- 5025 **AUSTRALIA VL8K** Katherine 2130-2204 EE; ID into nx w/ M & W ancrs; ment. ABC News; ancments; banter & pop mx; best in LSB w/ inter audio filter to null strong het; fast QSB & static crashes; poor-vp; 4/12. (Serra-Italy)
- 5040 **CUBA RHC** Havana 0523 Open carrier still on here, but 11840 is off; 5/7. (Hauser-OK)
- 5050 **USA WWRB** Manchester 0332 World of Radio 1613 monitoring; confirmed on WWRB; starting between 0332-0333; 4/20. (Hauser-OK)
- 5110v-CUSB/LSB **USA WBCQ** Monticello 0132 World of Radio 1613 monitoring; confirmed on Area 51; followed the "International Radio Report" from CKUT; latest episode w/ guest Wojtek Gwiazda re the RCI situation; 4/21. (Hauser-OK)
- 5755 **USA WTWW** Lebanon 0400 World of Radio 1613 monitoring; confirmed exc. sig; 4/22. (Hauser-OK)
- 5790 **ENGLAND BBC** Skelton 0427 AA; Ancr w/ talk; 60db; exc.; 4/3. (Parker-PA) 0320 AA; M ancr w/ talk; sudden peak to fair at 0328 & remained so until t/out; poor but readable; 5/19. (Ronda-OK)
- 5810 **USA WEWN** Vandiver 0456 Reactivated on this SS freq; playing "Regina Cúli" IS; equivalent to steel drums QSY mx on WWCN, & off at 0456:48*; was suffering from squeal; 5/12. (Hauser-OK) 0453 R. Católica Mundial is active again on this spurless freq; heard just in time for mention of second hour of iEn la Paz de la Lunaí & 0455 QSY ancment to 7555; also continuing on 11870; 5/19. (Hauser-OK)
- 5875 **CYPRUS BBC** Limassol 0302-0340 EE; M ancr w/ world nx; ID at 0306 followed by "The World Today" prg w/ an update on Syria; TC at 0330 followed by BBC Network Africa; f-g; 4/25. (DiAngelo-PA)

5901-30000 kHz

International Band Loggings

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- 5910 **COLUMBIA Alcaravan R.** 0445 w/upbeat music. Good. 4/3/12 (Parker-PA)
- 5930 **RUSSIA R. Rossii** via Petro-K 0754-0802 RR w/M & W ancrs w/ talk; over mx at 0758; 4+1 pips & W ancr at ToH; nx w/ sound bites; weak & poor in ECCS-LSB w/ usual 5935-MGS splatter, though beginning to improve by t/out. 4/30/12 (Barbour-NH)
- 5995 **AUSTRALIA R. Australia** via Brandon 1138 fair-good EE with medical news; ABC News Radio ID at 1140; // 6020 Shepparton very good 5/10/12. (Ronda-OK)
- 6015 **ZANZIBAR ZBC** *0257-0316, 5/9/12. Test tone heard at 0256; tone ended and started their repetitive xylophone or marimba sounding IS from 0257 till 0259; 0301-0306 reciting from the Qur'an; 0315 some type of song; poor. Nice to have them back to routine broadcasting again here! (Howard-CA)
- 6075 **RUSSIA VOR** via Vladivostok-Tavrich, 1002-1005. Talk in Chinese by W. Weak but relatively steady signal. 5/8/2012 (Evans-TN) Also heard 05/10/12 poor but readable at 1149 with program in Mandarin; sudden increase in signal strength at 1151 (Ronda-OK)
- 6080 **AUSTRALIA R. Australia** via Shepparton 1013-1024 Two M ancrs in discussion; several ments. "...development foundation." & phone # mx at 1023; fair-good; //5995. 5/1/12 (Barbour-NH)
- 6115 **CHINA V. of the Strait Fuzhou** (presumed) 1015-1023 listed Amoy; M & W announcers w/ alternating talk; pop-like mx at 1018; back to talk at 1023; weak & poor but relatively clear. 4/23/12 (Barbour-NH)
- 6130 **LAOS LNR** 1401-1430, in English. intro ID does indeed seem to be: "This is the Lao National Radio, broadcasting from Vientiane, the [Lao?] Democratic Republic . . .", but not sure of the remaining portion of ID; item about the "dry season and rainy season"; usual adjacent QRM. Certainly seems to be a daily broadcast now! 5/9/12 (Howard-CA)
- 6135± **BOLIVIA R. Santa Cruz** fair at 0102 with romantic ballads; several IDs in Portuguese; occasional peaks to good; continuing past 0100 5/8/12. (Ronda-OK) Also heard 5/8/12 0132 w/peppy music, R. Santa Cruz IDs at 0133 and 0134 sandwiching some kind of promotional announcement. So this date it probably stayed on until after 0200; other days it goes off shortly after 0100. (Hauser-OK)
- 6160 **NEWFOUNDLAND CKZN** St. John's, 2334-0005 M ancr in EE hosting feature on environmental matters followed by another about a lawyer spending a year in Afghanistan doing legal work. Local weather at 2358 followed by "This is CBC Radio 1" ID, program promos and CBC News at top of the hour. Poor to fair. 4/25/12 (D'Angelo-PA)

- 6165± **CHAD RNT** 0232-0259 Surprisingly good in French with Hi-Li music. Interesting mix of stations here! *0242 started to faintly hear the IS (African Fish Eagle) of Zambia ; *0257 "This is the Voice of Turkey" and IS; *0259 RN covers everything. 5/7/12 (Howard-CA)
- 6165 **NETH ANT. RNW** 0400 Dutch Bell, chimes ID news. Good. 4/15/12 (McGuire-MD)
- 6165 **CHINA CNR-6 V. of Shenzhou** Beijing 1035-1050 CC; W ancw/ brief talks between pop like mx selections; fair at t/in; quickly f/out by 1050. 4/23/12 (Barbour-NH)
- 6170 **NEW ZEALAND RNZI** 0945 EE rpt on Seamen's Union. Flutter. 4/15/12 (Fraser-ME)
- 6180 **BRAZIL R. Nacional da Amazonia** at 0100 PP // 11780 with M&W w/news with correspondent reports then a M with prgm ID of "Informa Nacional" at 0104 and ID of "Radio Nacional do Brasil" and into rancho-like music - Good 4/25/12 (Coady-ONT)
- 6185 **MEXICO XEPPM** 0123 has good carrier but very low mod, which combined with heavy ACI from both sides, much stronger Brazil and Bonaire, makes it unreadable 5/8/12 (Hauser-OK)
- 6190 **GERMANY Deutschland R.** Berlin, 0341-0402. Classical orchestral music with a couple of short ancmts in GG by W. 3+1 time pips ToH followed by W talk. Poor to mod. sigs, fading down after 0357. CCI from the BBC via Meyerton. 4/21/2012 (Evans-TN)
- 6550 **KOREA Korean MND Radio-Jong An** (?), 1007-1011. Talk in Korean by a rather excited W. Very weak signal with only a little fading. 5/8/2012 (Evans-TN)
- 6600 **KOREA Voice of the People-Kyonggi-do**, 0910-1001. Just a hint of audio beneath the jammer at 0910. Improving by 0958, when a man talking in Korean was heard. Music at 1000 with ancmts by M. Talk by a W at 1001. Poor signal, losing to the jammer most of the time. Parallel heard on 6518 with just a few words making it through. 5/8/2012 (Evans-TN)
- 6973 **ISRAEL Galei Zahal** 0020-0030. Hebrew talk. Weak but readable. Fair on // 15850. 5/11/12. (Alexander-PA) Also 0036-0100. Euro-pop and US pop music. Weak in noisy conditions. Much better on // 15850. 5/6/12. (Alexander-PA) Also heard 0327 in Hebrew with local pop music and a M with talk - Weak 5/9 (Coady-ONT)
- 7150 **ERITREA V. of the Broad Masses** Prgm 2 via Asmara 0300 // 7175 w/brief HoA music and a man with apparent news and HoA W vocals at 0305 - Very weak 5/10 (Coady-ONT)
- 7175 **ERITREA V. of the Broad Masses** Prgm 2 0300 in Amharic with HoA music noted before the hour then a Mwith ID and into apparent news - Weak 5/2/12 (Coady-ONT)
- 7200 **ERITREA V. of the Broad Masses of Eritrea** Prgm 1, *0256-0320.sign on with IS. Vern. talk at 0301. HoA music. Poor. Mixing with co-channel Sudan along with HAM QRM. 05/06/12. (Alexander-PA)
- 7200 **SUDAN Radio Omdurman** 0303 AA w/M with apparent news with mentions of "Sudan" - Fair 5/2/12 (Coady-ONT)
- 7205 **ERITREA V. of the Broad Masses** Prgm 1 at 0312 w/lively HoA M vocals then a brief fanfare at 0319 and into more vocals - Fair 5/2 (Coady-ONT)
- 7245 **MAURITANIA R. Mauritanie** 0325 AA w/W with soft talk with ments of "Mauritanie", and "Nouakchott" - VG 5/8/12 (Coady-ONT) Heard **IGIM** 0506 on this early, in Arabic, but poor signal 5/8/12, also 5/12/12 at 0538, poor sig. sounds like Qur'an but not chanting (Hauser-OK)
- 7285 **SOUTH AFRICA Sonder Grense** 0530 is still in with fair signal 5/12/12 (Hauser-OK)
- 7295 **MALAYSIA Traxx FM** via RTM via Kajang, 1410, 05/06/12. DJ with local time "10-10 PM" and frequencies: 90.1 Ipoh , Perak, 91.7 Baling, Kedah, 104.5 Miri, Sarawak and 90.3 "K-L"; sports update; pop songs; fairly good (Howard-CA)
- 7325 **PNG Wantok Radio Light** (Presumed) Port Moresby 0953-1000 Wailing preacher in unid. language; couldn't discern much more than that; wiped out by CRI s/on at 1000; v. weak in ECCS-LSB. 4/16/12 (Barbour-NH)
- 7345 **MYANMAR Rakhine Radio** via Pyin Oo Lwin (site per DXLD 12-14); 1322-1330*, 5/8/12. Underneath CNR1; in Vern. with pop songs; off with indig. instrumental music. (Howard-CA)
- 7245 **MAURITANIA R. Mauritanie/IGIM** - Noukchott 0523 AA modulation distorted, unusually. By 0536 recheck is into soporific wake-up chanting. (Hauser-OK)0723-0734 AA.String mx bit into M ancw; another mx bit at 0729 then M ancw thru t/out; fair. 5/1/12 (Barbour-NH)
- 7375 **GERMANY V. of Croatia** 0100 Croatian ID w/news. Good. 4/27/12 (McGuire-MD)
- 7395 **MADAGASCAR NHK/R. Japan**-Talata-Volonondry 0354 fair-good w/prgm in Swahili; short music selection and sudden off at 0358 (Ronda-OK)
- 7460 **OPPOSITION R. Payem-e-Doost** via Kishinev, Moldova (Targeting Iran) poor at 0250 with man speaking in Farsi; short vocal selection at 0258; announcement with internet address at 0259; after 0300 a W speaking with short music selections between items 5/12/12 (Ronda-OK)
- 7585 **SRI LANKA R. Farda**-Iranawila poor at 2316 with songs in Farsi; slowly improving by 2325; presumed ID by M in Farsi at 2330 and clear ID at 2333 5/12/12 (Ronda-OK)

- 8989u **NICARAGUA** *El Buen Pescador* (presumed) 2347-2356 M preacher with SS sermon Mod. Sig., fading down after 2350. After sermon, talked with others with low sig. Str. and audio. Gone after 2356. 4/22/12. Also heard on 4/23/12 from 2258 to 2313 tuneout, with same programming plus some music. (Evans-TN)
- 9315 **EGYPT** *R. Cairo* 0159-0210 s/on, mx, prog: Holy Koran, fair 4/18/12 (Feinberg-NY)
- 9410 **SEYCHELLES** *BBC* 2105 EE pips, ID, news. Poor. 5/7/12 (McGuire-MD)
- 9445 **NETH ANT.** *RNW* 0000 Dutch Bell Chimes, ID "Newline" Good. 4/30/12 (McGuire-MD)
- 9470 **RWANDA** *DW* 0400 EE Id, News. 5/6/12 (McGuire-MD)
- 9500 **SWAZILAND** *TWR* 0523, poor signal with preacher in E past 0531 when maybe a different voice. 5/10/12 (Hauser-OK)
- 9515 **TURKEY** *VOT* via Emirler 0301-0316, news, Press Review, good w/distorted audio 4/21/12 (Feinberg-NY)
- 9520 **CHINA** *PBS Nei Menggu* Hohhot 1017-1020. Talk in Chinese by a man. Weak signal with some fading. 5/8/2012 (Evans-TN) (May want to try QSLing thru CRI worked for me. ed.)
- 9540 **ROMANIA** *RRI* 2215 EE spotlight on Europe ID 4/17/12 (McGuire-MD)
- 9545 **TAIWAN** *Family Radio Int'l* via Taipei 0932-0936. Religious talk in Chinese by man. Weak but steady signal. 5/8/2012 (Evans-TN)
- 9575 **MOROCCO** *R. Mediterranee Un Nador* fair at 0302 with modern Arabic songs; considerable adjacent interference from CRI-Albania on 9570 5/10/12 (Ronda-OK) Also heard 0401 in AA with a W with apparent news and into lively M vocals at 0403 and a M w/ment. of "Medi An" at 0407 and into lively W vocals - Good 5/7/12 (Coady-ONT)
- 9580 **AUSTRALIA** *R. Australia* Shepparton 1344 EE w/WHO official tx about vaccinations. Excl. // 9590 weak. 4/3/12 (Parker-PA)
- 9580 **GABON** *Africa #1* poor at 2210 with M in FF increasing to fair by 2220; vocal music at 2225 recheck 5/12/12 (Ronda-OK)
- 9595 **JAPAN** *R. Nikkei* 1 via Chiba-Nagara fair-good at 1353 with EZL pop vocals; ancmt in Japanese at 1355 and back to music; Nikkei ID at 1359; time tone at 1400 5/5/7/12 (Ronda-OK)
- 9610 **ALASKA** *KNLS* at 1144 in Mandarin with a W with talk then a brief fanfare at 1146 and into a man with a telephone interview followed by brief flute music at 1157 and a M w/prgm closing ancmts and a "KNLS" ID and off at 1158 - Weak but audible 5/14/12 (Coady-ONT)
- 9620 **GERMANY** *NHK-R. Japan* 2200 JJ Id, news. Fair. 5/7/12 (McGuire-MD)
- 9635 **MALI** *RTVM* *0758-0815 s/on w/Vern. talk. Flute IS and opening FF ID ancmts at 0800. Vern. talk at 0802. Poor in noisy conditions and weak mod. 5/4/12 (Alexander-PA)
- 9655 **ALASKA** *KNLS* 0920-1025, 05/05/12. Chinese language prgm. IS at 1000 followed by opening of EE program. Opening ID: "this is Alaska Calling. You are listening to KNLS Anchor Point , Alaska , United States of America ." Series of short features such as Postcards from Alaska and Letters to my Children. Fair signal. 5/5/12 (D'Angelo-PA) Also 1033-1050 EE. Don Henley tune; devotional re "wrestling with conflict"; contact info & "This is your new life station, KNLS" ID at 1039; feature re NRB company supplying media w/ relig materials since the 1940s; prg "Profiles in Christian Music" at 1048; fair. 5/1/12 (Barbour-NH) Heard at 1100 with IS and ID loop and into presumed Mandarin program - Weak under RNZI 5/8/12. About the logging of KNLS on 9655 under RNZI. This was noted by several DXers. A DXer reportedly contacted RNZI to let them know they were being interfered with. I guess we DXers still have a role to play as KNLS has gone back to using 9610. (Coady-ONT)
- 9665 **MOLDOVA** *Radio PMR* 2230-2240, s/on Regional Nx, excellent signal 5/1/12 (Feinberg-NY)
- 9675 **BRAZIL** *R. Canção Nova* 0601, fair signal made worse by undermod, but could hear "Nova de Rádio" mentioned, i.e. R. Canção Nova 5/13/12 (Hauser-OK)
- 9680 **INDONESIA** *RRI* 1351-1355+, YL solo music, then joined by gamelan orchestra, good sig. 5/10/12 (Hauser-OK)
- 9680 **TAIWAN** *RTI* 1055-1112 vocals at tune in possibly RRI Jakarta with poor signal. At 1100 5+1 time pips and opening of the Mandarin language program from RTI with a W anc. After opening ancmts, the news followed. Fair signal. 5/9/12 (D'Angelo-PA)
- 9685 **BOSNIA** *Int R. Serbia* 0000 Serbian IS, ID, sch, & news. Good. 5/3/12 (McGuire-MD)
- 9705± **ERITREA** *V. of the Broad Masses of Eritrea* - Prgm 2, Asmara *0256-0313 s/on with IS. Vern. talk at 0300. HoA music. Weak mod. but ITC until 0313 when R. Ethiopia abruptly came on the air covered Eritrea. A late s/on for Ethiopia. Eritrea heard on // 7175 - poor in noise. // 7120.02 - very weak mod. 05/06/12. (Alexander-PA) Also heard 05/10/12 fair at 0322 with talk in Amharic by M&W; brief HoA songs between spoken items; clear Asmara ID at 0330 (Ronda-OK)
- 9705± **NIGER** *LV du Sahel* 2215-2300*. local music. Indigenous vocals. French talk. Local chants at 2255. Short flute IS and choral National Anthem at 2258. Four second test tone at 2300 and off. Fair to good. 05/12/12. (Alexander-PA)

- 9705± **INDIA (GOA)** AIR via Panaji 2300-2315. audible after Niger s/off at 2300. EE news. ID. Commentary. Local music. Weak. 9950-very weak. 13605-Fair. 05/12/12. (Alexander-PA)
- 9705 **CHINA Voice of Pujiang** 1341 The first day of their usual seasonal change; // 3280 and 4950; all fair in Chinese. (ex-5075), 5/6/12 (Howard-CA)
- 9720 **N MARIANA ISLDS RNW** via Saipan 1145 M&W in listed Indonesian M&W both mod. and carrier breaking up, off at 1158*. 5/4/12 (Hauser-OK) Also heard 1350 RR w/children singing. W anc. Fair. 4/1/12 (Parker-PA)
- 9740 **SINGAPORE BBC-Kranji** 1338 EE interview about Antarctica Fair. 5/7/12 (Ronda-OK) Also heard 1345 EE w/talk ITC but weak. Poor-fair. 4/1/12 (Parker-PA)
- 9745 **BAHRAIN R. Bahrain** 0010-0030 AA talk. Local Middle-Eastern style music. Fair. Suppressed carrier USB. 05/13/12. (Alexander-PA)
- 9750 **SEYCHELLES BBC** 0334 EE about London Olympics; ID at 0340 Fair. 5/10/12 (Ronda-OK)
- 9750 **GERMANY RFE/RL** Lamperthein 0146-0157*. talks by a man and W in listed Kazakh language. Off suddenly with carrier terminated. Fair. 5/6/12 (D'Angelo-PA)
- 9750 **UAE FEBA** via Dhabbaya, *0200-0211 familiar IS alternating with ID prior to opening ID and ancmts by a W anc in listed Urdu language. M w/religious talks. Fair. 5/6/12 (D'Angelo-PA)
- 9760 **CYPRUS Cyprus Broadcasting Corp** *2217-2244:30* S/on w/Greek music and opening ancmts & talk. Abrupt s/off. VG sig. Weaker // 5925, 7220. Fri, Sat, Sun only, but very irregular. 05/05/12. (Alexander-PA) Also heard *2217-2247* 05/12/12. (Alexander-PA)
- 9780 **CHILE CVC** 0049 SS w/comedy skit. Excl sig. 4/3/12 (Parker-PA)
- 9820 **BRAZIL R. 9 de Julho** San Paulo 0043 PP w/M talk. Excl sig. 4/3/12 (Parker-PA)
- 9830 **TURKEY VOT** Emirler 2220 DX prgm w/VG sig. 4/14/12 (Fraser-ME)
- 9835 **MALAYSIA RTM Sarawak FM** via Kajang 1017-1112 prgm of vop RTM vocals hosted by a W anc with Malay talks. M with canned ID at 1032 followed by music. W anc gave ID again at 1042. Time pips ToH followed by news. Fair signal. 5/7/12 (D'Angelo-PA) Heard also Normally at 1301 would have carried the RTM National news and been//5964.7 Klasik Nasional and 11665 Wai FM, but not so on 05/05/12; had a long prgm carrying speeches about Islam and not // to the others which did carry the national news. (Howard-CA) Also heard 1314 with Euro-pop songs; studio chatter in Malay a 5/7/12 (Ronda-OK) Heard also 1335, RTM talking about Qur'an, bits of Arabic poor sig. but no CCI; 1334 into Qur'an recitation, i.e. musical, mixed with crowd noises. 5/2/12 (Hauser-OK)
- 9855 **KUWAIT R. Australia** at 2326 // 19000 and 21740 with Phil Kafcaloudes ending an interview and introducing a film review by Barbara Higgins - Fair 5/3/12 (Coady-ONT)
- 9870 **INDIA AIR V.B.** Prgm via Bengaluru 0025 Hindi w/ceremonial music. Digital QRM. Good. 4/3/12 (Parker-PA)
- 9890 **THAILAND R. Thailand** HSK9 1241 EE fair sig. w/commercial for Bangkok Airways, soon followed by two Ids. 5/3/12 (Hauser-OK)
- 9820 **CHINA Beibu Bay R.** Nanning, 1017-1024 Chinese ballad style pop music. Ancmt by M at 1024 then more music. Weak signal, above noise level 75% of the time. 5/8/2012 (Evans-TN)
- 9910 **GUAM KTWR** Agana 1158-1201 Relg. music followed by EE ancmts by M translated into Chinese by W. They then presented a Chinese to English lesson also noted in Chinese on 9975 after 1200 with different programming. Mod. Signal strength. 5/8/2012 (Evans-TN)
- 9910 **INDIA AIR** via Aligarh 2316 in Hindi with a W with apparent news then a M with ID and station info followed by wailing W vocals and into a W with an apparent brief commentary at 2321 followed by M vocals - Fair 5/6 (Coady-ONT) Also heard 0023 in Tamil w/M talking. JBA. 4/3/12 (Parker-PA)
- 9915 **ASCENSION BBC** 2100 EE pips, ID, African service, news. Fair. 4/18/12 (McGuire-MD)
- 9920 **PHILIPPINES FEBC** Bocaue 1248-1254 M talk in listed Koho. Good. 4/1/12 (Parker-PA)
- 9930 **PALAU WHR T8WH** 1237-1245 EE relig talk. ID. Good. 4/1/12 (Parker-PA)
- 9950 **INDIA AIR** Aligarh 0012-0018 EE music. Fair-Good 4/3/12 (Parker-PA)
- 9975 **GUAM KTWR** 1210-1215 CC talk. Carrier momentarily off. Good-excl sig. 4/1/12 (Parker-PA)
- 11500 **TAJIKISTAN VOR** 1222 EE M&W poor sig. heavy flutter 5/3/12 (Hauser-OK)
- 11530 **OPPOSITION Denge Mezopotamya** via Ukraine (Targeting Kurdistan) *0300-0330 s/on with Kurdistan N.A.. Indig. music at 0304. Kurdish talk. Poor-fair. 05/06/12. (Alexander-PA)
- 11560 **OPPOSITION Miraya Radio** via Ukraine (Targeting Sudan Region) 0348-0405 EE lyric pop vocals; mix of EE & AA talks with jingle ID and jingle prgm ID for Breakfast Show. News at 0400. Poor to fair. 5/5/12 (D'Angelo-PA)
- 11595 **OPPOSITION Democratic V. of Burma** via Yerevan-Gavar, Armenia (Targeting Burma) 2327-0030* open carrier then tones at 2329 before instrmt mx opening, ID, opening ancmts and news in Burmese. Many speeches in EE w/Burmese translations. Fair. 4/30/12 (D'Angelo-PA) Also heard 0004 poor but readable w/M&W in listed Burmese 0004; brief peaks to fair; off as per sked at 0029 5/7/12 (Ronda-OK)

- 11600 **LIBYA RTV Libye/R. Libye** 1704-1805*. lite instrumental music. French ballads. French talk. IDs. Weak in noisy conditions. 05/05/12. (Alexander-PA) 1732-1805* 05/10/12. (Alexander-PA)
- 11620 **INDIA AIR** via Bengaluru 0032-0050 prgm of non-stop Hindi vocals until 0045 ID followed by a W ancr introducing M who spoke in Urdu lang. Good sig. 4/30/12 (D'Angelo-PA) Also heard 0035-0100, Indian mx, lang: Urdu, but ID could be recognized in English, fair-good 4/19/12 (Feinberg-NY)
- 11650 **OPPOSITION R. Tamazuj** via Vatican (Targeting Sudan Region) 0417AA w/M&W talk, Ids, music. At 0430 seamless transition to R. Dabanga w/IDs in Arabic by man; into a phone interview with two men; continued fair past 0438 with ID at 0437 (Ronda-OK)
- 11710± **ARGENTINA RAE** fluttery signal with piano and vocal music at 0145; long talk by man in Spanish beginning at 0150; IS and ID sequence at 0157 5/8/12 (Ronda-OK) Also heard 0200 with multilingual IS and ID loop noted before the hour then time pips and multilingual ID over music and W with s/on ancmts then news headlines at 0204 - Good 5/1/12 (Coady-ONT)
- 11735 **ZANZIBAR ZBC V. of Tanzania-Zanzibar** at 2011 in Swahili with Middle Eastern W vocals and a W with talk from 2022 to 2025 with a mention of "Zanzibar" then Middle Eastern M vocals to 2040 and a W w/talk with a ment. of "Africa" to 2044 and into a Middle Eastern W chorus to 2056 then a man with talk to 2058 and back to the W with brief talk then a brass band anthem and off at 2059 - Very Good 4/24/12 (Coady-ONT) Heard also 2033-2059* Prgm w/music with occasional talk in Swahili by W. Talk by M&W at 2056. Short anthem to 2059*. Very weak sig. 4/26/2012 (Evans-TN) Also heard 2056 very poor signal with music, 2059 sounds like NA, brief announcement and off 5/10/12 (Hauser-OK)
- 11815 **BRAZIL R. Brasil Central** via Goiania fair at 0244 with talk in PP and lots of lively songs 5/10/12 (Ronda-OK)
- 11870 **OPPOSITION Radio Biafra** London (Via Germany) *2000-2100*. sign on with local music and talk. Mix of Vern. and EE discussion at 2004. Barely audible at sign on but signal abruptly came up to a fair to good level at 2004. They seem to have a habit s/on at 2000 with a very weak signal and abruptly improving in signal strength after several min.. Apparently running late in either antenna switching or a power increase. Thur, Sat only. 05/05/12. (Alexander-PA) Also heard via Woofferton 2029, another try for R. Biafra London, on its Thu & Sat 2000-2100 bcs, JBA carrier; at 2040 peaks to poor sig. with bits of EE but got no better, Carrier off at 2100:10* 5/3/12 (Hauser-OK) Also heard Thu 05/10/12 at 2054, poor signal with talk; 2058 unseems EE, so Igbo? Mentions kHz, off at 2100. R. Biafra London via Germany (Hauser-OK)
- 11880 **ROMANIA RRI** Tiganesti EE rpt on Intl Film Fest. VG sig. //13800,15220 4/14/12 (Fraser-ME)
- 11905 **SRI LANKA SLBC** (presumed), 1205-1207*. Talk in Tamil by man. Broadcast ended at 1207 (scheduled 1215). Poor signal with only minor fading. 5/8/2012 (Evans-TN)
- 11945 **AUSTRALIA R. Australia** via Shepparton 1305 EE w/ID, news. Good sig. 4/28/12 (McGuire-MD) Heard also 1403-1413 EE ABC nx re death of swimmer, ID in passing at 1405, ment. Asia & Pacific, phone number; pop ballad; ID & URL promo at 1410 into more pops; fair. 5/1/12 (Barbour-NH) 11945 is second only to 9580 before 1400 May 4, but after 1400, 11945 is quite a bit weaker: 5/4/12 (Hauser-OK)
- 11965 **GUAM AWR** Agat (presumed), 1413-1429* CC W ancr w/ talk; gospel mx at 1428 & pulled the plug w/no ID noted; surprisingly good signal. 5/1/12 (Barbour-NH)
- 12035 **CYPRUS BBC** poor with ID in English at 0353 and return to talk about terrorist kidnappings; TS and ID at 0400 5/7/12 (Ronda-OK)
- 12085 **MONGOLIA V. of Mongolia** Ulan Bator (presumed), 1009-1018. Talk in Chinese by woman. Slow music and talk at 1017, followed by music at 1018. Very weak sig. w/minor fading. 4/26/2012 (Evans-TN) Heard 1025-1037 05/07/12. brief talk in listed Mandarin noted prior to some instrmtl music until carrier terminated at 1028. Returned at 1030 with EE prgm with a W ancr giving opening ID and ancmts followed by the news. Poor signal. (D'Angelo-PA)
- 12759u **DIEGO GARCIA AFRTS** 0943-0950. Pop music. Talk in EE by M at 0948. Very weak sig. too weak to understand spoken content, by definitely AFN programming. 5/8/2012 (Evans-TN)
- 15050 **INDIA AIR** via Khampur 1145-1201, in listed Tamil. W&M presenters. Fair signal but very listenable as there was no interference. 5/4/12 (Handler-IL) Also fair-poor at 1200-1215* with songs and brief announcements by W in Tamil; s/off as per sked 5/8/12 (Ronda-OK)
- 15120 **NIGERIA VON** 0545-0555, talk about children in Nigeria, fair, 5/3/12, (Feinberg-NY)
- 15191± **BRAZIL R. Inconfidencia** fair-gd at 2246 w/ID in PP into lively voc. mx. 5/12/12 (Ronda-OK) Also on 05/13/12 at 0037, poor signal up to fair peaks. (Hauser-OK)
- 15235 **SOUTH AFRICA Channel Africa** 1700 with time pips and OC to 1701 and a W with brief opening ancmts and into a M with news. Weak 5/2/12 (Coady-ONT)
- 15420 **OPPOSITION R. Free Sarawak** via Palau 1145-1200* Phone conversations; pop song; ID at sign off 5/8/12 (Howard-CA)
- 15450 **TURKEY VOT** Emirler 1315 EE/Turkish prgm of Turkish pop music. VG. (Fraser-ME)

- 15490 **SRI LANKA AWR** *1200-1216 CC.IS & usual AWR Voice of Hope ID; same in CC & another EE ID ancrnt w/ URL & ment. of "...following program is in Mandarin."; W ancr between mx bits until ballad at 1202; W ancr from 1206 w/ talk thru t/out; fair at s/on, fading by t/out. 5/1/12 (Barbour-NH) Also heard 1230 w/EE ancrnt introducing Mandarin. 5/1/12 (Hauser-OK)
- 15515 **AUSTRALIA R. Australia** via Shepparton 0455-0510 nx 0500, fair but improving signal //15240 which was poor 5/3/12 (Feinberg-NY)
- 15720 **NEW ZEALAND RNZI** 0440-0458 mx, s/off ancr said switch to 11725 KhZ, fair 4/14/12 (Feinberg-NY)
- 15725 **OPPOSITION Voice of South Sudan Revolutionary Radio** 0416-0431. Talk in Sudanese by man. A few bars of martial Sudanese music at 0422, then talk in EE by man regarding atrocities and war crimes in South Sudan. Asked Americans for support. Ended at 0427 with the same music. Back to Sudanese talk. Good signal. 4/29/2012 (Evans-TN) Presumed 0504, JBA signal with music and talk, presumed rather than Pakistan 5/7/12 (Hauser-OK)
- 15760 **ISRAEL IBA** 1356, poor sig. IS prior to Persian. 4/30/12 (Hauser-OK)
- 15850 **ISRAEL Galei Zahal** 0120, pop music at S9+10 level, 5/12/12 (Hauser-OK). Heard w/poor sig. with occasional peaks to fair at 0216 with a variety of pop songs .4/5/12 (Ronda-OK)
- 17605 **UZBEKISTAN Family Radio Int'l** via Tashkent 1331, familiar hymn, "The Church's One Foundation", in Burmese, Fair signal. 5/9/12 (Hauser-OK)
- 17605 **VATICAN RNW** 1759-1820 s/on, African Nx, good 4/28/12 (Feinberg-NY) Also heard 1800 EE State We're Prgm. VG. 4/15/12 (Fraser-ME)
- 17735 **TUNISIA IWT** 0455, fair signal in AA, kept ment. Ibrahim mixed with nice bits of music on plucked instrument. Figured it was prob. Iran but Aoki shows IWT. 5/8/12 (Hauser-OK)
- 17820 **RWANDA DW** 0612 English audible again, but only poorly unlike previous log, roughly equal to // 13780, and much better on // 15275. 5/9/12 (Hauser-OK)
- 19000 **AUSTRALIA R. Australia** via Shepparton 0100 new freq. span used from 2300-0100 changed antennas midway good carrier back on at *0102:54, adding mod. at 0103:13 w/news is joined in progress 5/13/12 (Hauser-OK) Heard on 05/05/12. good at 0132 in EE with prgm about kids in "combat" sports; //17795 poor at the same time; 1(Ronda-OK)
- 21510 **ROMANIA RRI** 2107 SS w/VG signal // much weaker 17745. 5/5/12 (Hauser-OK)
- 21690 **FRENCH GUIANA RFI** 1303 FF still on the air past the 1200-1300 hour scheduled, poor signal. Finally off at 1306:40*. Nothing heard on 17620 or 15300. 5/12/12 (Hauser-OK)
- 21740 **AUSTRALIA R. Australia** via Shepparton 2124 EE with discussion about national dental policy Good. 5/6/12 (Ronda-OK)

NASWA Flashsheet

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

Adventist World Radio - - - Annual DX Contest
"Listen to AWR" - AWR 41st Year Annual DX Contest

As Adventist World Radio enters into its 41st year of international radio broadcasting, we take pleasure in announcing our annual "Wavescan" DX contest, which comes to you under the title, "Listen to AWR". In short, you are invited to listen to as many different AWR shortwave locations as possible during the month of July 2012.

Here are the details of our 2012 "Listen to AWR" DX Contest:-

A. AWR Shortwave Locations: You are invited to listen to as many shortwave locations in use by Adventist World Radio as possible during the month of July 2012. You may listen to the broadcasts from the AWR station KSDA on the island of Guam, and to any and all of the shortwave relay stations that carry any of the programming from Adventist World Radio. Remember also that the AWR DX program, "Wavescan" is on the air shortwave over several of the stations in the regular AWR network, and also from shortwave stations WRMI & WWCN in the United States. In due course, you will be able to obtain the July scheduling of Adventist World Radio, and the relay stations in use at the time, from the AWR website on the internet, from contemporary radio bulletins, from the World Radio TV Handbook, and from other reliable information sources.

B. Prepare Reception Reports: You are invited to prepare just one reception report for any AWR transmission from each AWR transmitter site in any country that you are able to log during the month of July 2012. You may report any AWR broadcast on any shortwave frequency, at any time of the day or night, and in any language; just one reception report for each AWR shortwave location.

C. Photocopies: You are invited to search your QSL collection, and where possible, provide a photocopy of a QSL that you already hold in your collection from any of the AWR shortwave stations that you have heard, during the past five years only. These photocopies should be in color if possible, but black & white is also acceptable. If you do not already have a QSL from any of the AWR stations you select, then you should state so in your contest entry.

D. Three Radio Cards: Where possible, you are invited to include three radio cards for the Indianapolis Heritage Collection with your contest entry. These cards may be old or new, and they may be QSL cards, reception report cards, or picture cards of radio stations, etc. (Not valid for this contest are amateur cards nor CB cards.)

E. Assemble Your Contest Entry: Post your entry with all items to Adventist World Radio in Indianapolis, remembering that the total number of AWR transmitter locations you hear, and neatness and preparation, will all feature in the judging procedure. Due consideration will also be given to the area of the world in which the contestant lives.

Other Contest Details: Well, there you have it, the details for our Wavescan 2012 "Listen to AWR" DX Contest. This contest will run through the month of July 2012, and all contest entries should be postmarked at your local post office anywhere in the world on any date up to the end of the month of July, and they should be received at the AWR post office address in Indianapolis no later than the end of the month of August 2012. Return postage in the form of currency notes in any international currency, or mint postage stamps, or IRC coupons would be welcome. Where possible, a self addressed return envelope, business size or half quarto size, would also be welcome. The awards for this year's 2012 contest will be similar to all previous contests. There will be a special award for the world winner, one of the Jerry Berg radio history books; and World Radio TV Handbook 2013 for each continental winner. In addition, there will be other special awards as well as AWR souvenirs and radio curios for many participants. You can remember that all AWR reception reports will be verified with a specially endorsed AWR QSL card. Please remember that it will take a period of many months, well into the new year 2113, to process all of the contest entries and reception reports, but each will in due course be processed.

The only address for the "Listen to AWR" 2012 DX Contest is: Listen to AWR DX Contest, Box 29235, Indianapolis, Indiana 46229 USA.

North American Shortwave Association
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