

The **NASA** Journal

VOLUME LV NUMBER 9

SEPTEMBER 2015



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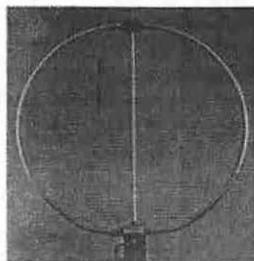


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#6151	CC-200	200 Feet F to F RG6	\$0.95

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NTI GA3005 Order #1343 \$399.95



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The NTI ML060 is a wideband active receive loop antenna that effectively covers 9 kHz to 60 MHz. The NTI GP11000 power inserter is included. This inserter accepts the 11-15 VDC power that will travel up the coax cable to power the antenna. The inserter features a BNC antenna jack for coax from the antenna element and a BNC jack output to the receiver. It features a jack for DC power input 11-15 VDC (max 120 mA). The user must provide: DC power source, BNC cable from receiver to power inserter and BNC cable from power inserter to the antenna. Made in Germany.

NTI ML060 Order #6427 \$299.95

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HPF2050



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N4WA Notes

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

The times are a changing ... via **Ron Hunsicker** and the Collins list serve we learn that Rockwell Collins is ending production of mechanical filters for RF applications. All the old, great receivers were based on mechanical filters. Ron notes that he even put one into his Sony 2010. According to Rockwell, "over the past several years, we have seen a dramatic reduction in demand for narrowband analog filters. Due to this and other economic reasons, Filter Products will be discontinuing its mechanical filter products in the near future."

Speaking of changing times, last month publisher **Bill Oliver** experienced our United States Postal Service at its very worse. The August edition of The Journal was delayed thanks to the bulk mailroom at the Levittown branch of the post office being closed for at least ten days which overlapped with our mailing period. It may still be closed for all we know! Naturally, no explanation was offered for this poor service. Consequently, Bill bought stamps - having already paid for bulk mail service - to get the bulletin into the mail system. A little late for no good reason other than "unsolved problems (incompetency) in the bulk mail section of the Levittown Post office." The good news, if some of that can be found, is that we have already prepaid for bulk mail service for this month!

Adrian Peterson at Adventist World Radio (AWR) recently announced that the new month of October is the official period for the big 2015 Wavescan DX contest. This year, listeners are invited to participate in "The World's Most Unusual DX Contest", and this time you may design your own contest details. The awards for the 2015 AWR "The World's Most Unusual DX Contest" will be similar to all previous contests. Each continental winner will receive a copy of the 2016 edition of the World Radio TV Handbook. The World Winner will receive


a copy of one of **Jerome Berg's** remarkable shortwave radio history books. The winner may choose which of the four thick volumes he would like to receive. You are invited to design your own DX contest in any way and in any form you consider is best. Your self-designed DX contest may be based upon any aspect of radio associated in some way with shortwave or medium wave broadcasting, such as for example: listening, monitoring, collecting QSLs, programming, script writing, radio history, current radio events, radio in the future, large radio stations, little radio stations, rare stations, distant stations, local stations, silent stations, visiting radio stations, radio magazines, radio receivers, personal radio memories, recording for broadcast, etc. Your self-designed DX contest may be in any form you desire, and it may be ambitious and complicated, or it may be simple and quite easy, in whatever way you consider is most appropriate. You should then describe in a paragraph or two, the details of your own self-designed QSL contest. Please demonstrate the way you have fulfilled the requirements for your own self-designed DX contest, in a brief paragraph or two. What is the best QSL that you have received since the 2014 DX contest? Please provide details and a photocopy, in color if possible. You are invited to prepare three reception reports for the broadcast on shortwave, medium wave or FM of any AWR programming in any part of the world. Please do not send a recording of your reception; we just need your honest reception report on paper. All reception reports will be verified with our two new QSL cards, and a special contest endorsement will be shown on each card. 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 radio cards. This con-

Unity and Friendship

test will run through the month of October 2015, and all contest entries should be post-marked at your local post office anywhere in the world on any date up to the end of the month of October 2015 and they should be received at the AWR post office address below no later than the end of the month of November 2015. Ever since Adventist World Radio was inaugurated way back more than 40 years ago, listeners in many countries on all continents have looked forward to participating in the annual DX contest. Our historical records show that the first listener contest was conducted by the fledgling new AWR-Europe way back during the year 1972, just a few months after the official inauguration on October 1, 1971. As Adventist World Radio enters into its 44th year of international radio broadcasting, they take pleasure in announcing the annual "Wavescan" DX contest, "The World's Most Unusual DX Contest". In short, you are invited to design your own DX contest in whatever way you consider is best. The only address for the "World's Most Unusual

DX Contest" is: World's Most Unusual DX Contest, Adventist World Radio, Box 29235, Indianapolis, Indiana 46229.

From José Miguel Romero of Spain through PlayDX we learn of the publication of "The New DXer's Handbook - 2nd Edition. If you are a new amateur radio operator or shortwave listener, then you'll find Bryce Anderson's (K7UA) introduction to DXing of particular interest. Entitled "The New DXer's Handbook", there are plenty of tips and techniques explained in a simple and straightforward way. And Bryce is to be congratulated for making the book available free-of-charge to all hams. You can read a review and find details on downloading the e-Book at the Mount Evelyn DX Report: <http://medxr.blogspot.com.au/2015/07/free-e-book-new-dxers-handbook.html>. 73 and good DX to you all! Rob VK3BVW."

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 or send to P. O. Box 1220, Grantham, NH 03753. Next deadline is September 23. Thanks to all contributors.

Tim Noonan, 801 E. Park Blvd, Oak Creek, WI 53154-3929

The 22nd annual Madison-Milwaukee Get-Together took place at our home in Oak Creek on August 15, and we all had a fine day. The warm and humid weather didn't keep the 32 hobbyists who attended inside all the time and group conversations were happening inside and out. It's an all-band get-together and there was plenty of talk on medium wave, FM, as well as shortwave. NASWA members present included Bob Brossell, Jerry Dexter, Bill Dvorak, Karl Forth, Mark Taylor, and yours truly (sorry if I left someone out). We had a fine dinner at Melrose Restaurant in Oak Creek once again and found the food and service excellent as always. Door prizes, awarded after dinner, were generously donated by Universal Radio and by Scott Fybush. Radio talk and some of us catching Star Trek on MeTV ("The Way to Eden"), went into the night, as some of the shortwave group checked the bands. The event returns to Madison in 2016, hosted by Bill and Nina Dvorak, on Saturday, August 20.

73, and may the new DX season be among your best, Tim.

Errol Urbelis, 563 Meadow Rd., Kings Park, NY 11754.

Just curious, why are columns often missing from the *Journal*. Example: August Tropical Bands. (Most likely, the column editor did not get in on time-ed) (Exactly - layout ed)

Is there any way I can modify a TV multi-element Yagi for SWBC? (Just use it as a whip antenna with a tuner-ed).

I have not missed a day of listening since retiring, plenty of time now.

I just picked up a COM-Radio CR-1a from Universal. Good receiver, but no DX machine for sure. My older radios make it look like a high-end ?

I love Adrian Peterson's Diary. I just wonder where he gets all that information. (Adrian has been around the world for a long, long time and to places you can hardly imagine to get AWR's message out-ed)

I was hearing Radio Bahrain on 9745 kHz back in July pretty regularly at 0100 at S2-S3.

Best of DX to all, 73 Errol.

Thanks to our contributors. Next Deadline is September 23. 73 de JAL



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**, markpik@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.



Listening Review

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

Hello and welcome to Listening Review for September.

Channel Africa and Voice of Nigeria

Two African stations, **Channel Africa** and **Voice of Nigeria**, each broadcast their "flagship" English news and reports program on Monday to Friday evenings. Channel Africa broadcasts *Africa Digest* at 1700UT on 15235kHz and Voice of Nigeria broadcasts *Sixty Minutes* at 1800UT on 15120kHz in DRM and 7255kHz. The 15235kHz and 15120kHz frequencies are both heard with good signals here in UK (although Voice of Nigeria transmissions are more erratic, either missing completely or dropping out from time to time).

This month, for a change, I am going to compare the content and broadcast style of each of these broadcasts. I was interested to see which of the two programs was the better, or at least which one that I preferred.

I have chosen the broadcasts of 31 July 2015, and I was able to setup my WinRadio to record both the broadcasts, particularly useful as it allowed me to capture the early sign-on of the Voice of Nigeria transmission overlapping the end of the Channel Africa transmission.

Channel Africa – "The Voice of the African Renaissance" *Africa Digest*,

31 July 2015 1700-1800UT, 15235kHz

The English broadcast follows directly from the French language transmission on the same frequency (1600-1700UT) which ended with a little music before the English service took over.

1700 News:

- Nigeria: 117 jihadist terrorist killed in an operation against Boko Haram on Lake Chad carried out by a military alliance of Nigeria, Chad, Cameroon, Niger, Benin
- Uganda president will stand for re-election next year, but his former PM says that his actions are undemocratic
- Burundi re-elected president gives speech saying he'll be a president for all
- Tunisia State of Emergency extended for another 2 months following attack claimed by Islamic State
- Call for the American dentist who killed Cecil the lion paid for an illegal hunt to be extradited to Zimbabwe
- Preliminary results of tests on an Ebola have shown promising results

1705 Reports:

- 1705 Bomb attack at a market in Maiduguri, Nigeria. No-one has claimed responsibility, but security operatives says that it has the imprint of the extremist group Boko Haram, interview with assistant news editor at Voice of Nigeria
- 1708 Short Music fill
- 1709 Trial of new vaccine to combat Ebola, interview with Professor from London School of Hygiene and Tropical Diseases
- 1713 World Breast-feeding week. Interview with Head of Maternity & Metropolitan Health Problems for HIV-positive mothers for breast feeding giving high risk of passing on HIV if not taking drugs. So mothers are formula feeding - Important for mothers to breast-feed to pass on essential nutrients, especially where clean water not available.
- 1718 Casual day - fund raising day in

South Africa. Interview with Fund Raising organizer

- 1724 Legal aid working group from Iraq working with Legal Aid South Africa to develop own legal aid system. Interview with rep from legal Aid South Africa.
- 1727 World Rangers Day celebrating Rangers and their work in conservation of nature. Interview with a Vice Chairman of International Rangers Federation of Africa
- 1733 Promos for Channel Africa "From an African perspective, Listen to Channel Africa ..Informing the world about Africa" ; "Join us everyday and know what is happening around you"
- 1734 Three-day Book Fair opening in Johannesburg. Interview with South African author and human rights activist about the importance of instilling a culture of reading amongst children.
- 1742 Steel Band Festival opening in Johannesburg - its aim to unite Africa through Music - interview with Project coordinator from Education Africa
- 1747 Sport update - Football, Athletics meeting in Sweden, Beijing 2022 bid for Winter Olympics is the front runner [old news - Beijing already chosen]
- 1753 News headlines in brief then music fill to end of broadcast

Voice of Nigeria – "The Authoritative Choice"
Sixty Minutes,

31 July 2015 1800-1900UT, 15120kHz(DRM)

English starts a few minutes before the top of the hour with the continuity announcer making preliminary remarks, including reminding that yesterday was World Day Against Human Trafficking with the theme Giving Hope "If you know anyone who looks like a victim, who cannot speak, but seems to be harassed, because they've been held down against their own will and wish and

they're traffic victims - 'See Something, Say Something, Do Something' – that way the world would be better."

1800 News:

- Nigerian President gives monetary pledge for victims support fund committee (Sound bite from Chairman of the Fund)
- Call for the Nigerian budget to be fully implemented
- Pledge to entrench professionalism in journalism and ensure "quacks" are dealt with by the law
- China support to Nigeria in its quest to safeguard peace in the country
- Diaspora Days declared in Nigeria for August 24 & 25
- Chad MPs have voted to re-instate the death penalty for terrorism in response to recent attacks by Boko harem, opposition and civil liberty groups says it will curtail civil rights
- Human Trafficking in Eritrea according to UN Reports
- State of emergency in Tunisia extended for another 2 months
- The world is the verge of protecting human beings following news that the new Ebola vaccine has been shown to be fully effective
- Israel/West Bank attack leading to death of a child
- Taiwan protest on curriculum changes

1810 Reports:

- 1810 More about a briefing of the President on the Victims Support Fund and the fact that money pledged to the fund has not yet been redeemed. The Nigerian President has directed that it should be redeemed. Interview with Chairman of the Fund.

- 1813 Forthcoming election in southwest Nigeria
- 1815 Report on rehabilitation (meaning refurbishment/upgrading) of oil refineries (sound bites from people approving of the oil refineries)
- 1817 Economic partnership agreement has mixed feelings amongst Nigerians (interview with one of the Nigerian negotiators)
- 1820 Human trafficking - interview with a UN Outreach Officer
- 1828 News summary
- 1830 Nigerian Union of Journalist to establish a radio station as part of efforts in enlightening and informing citizens on what is happening in the country.
- 1832 Call for fight against corruption (extended soundbite from lecture to security and Civil Defence Corps)
- 1835 Strengthening of military co-operation and partnership with China in its quest to safeguard peace and stability in the country (short extract from speech)
- 1838 Football report
- 1842 Economic News
- 1848 Nigerian news summary
- 1850 Sports News (Seminar, football and Olympic qualifications, FIFA, Beijing chosen for 2022 Winter Olympics, Athletics)
- 1855 Today in History and African Proverb "The world is like a mask, dancing - if you want to see it well, you do not stand in one place"
- 1857 News headlines

Analysis

Both programs had a very similar pattern of content, starting with a news summary (5 to

10 minutes) followed by around 40 minutes or so of reports and ending with Sports news for around 5 minutes, and finally a brief news summary and fill of some sort (music on Channel Africa and Today in History on Voice of Nigeria).

Style of presentation was also very similar - each comprising a program anchor, a separate news reader, and full use of reporters/correspondents presenting individual reports. I thought that Channel Africa made a slightly better job of their use of interviews made by the reporters/correspondents with experts or significant people involved in the story being reported. Voice of Nigeria, however, tended towards soundbites from speeches rather than direct interviews. However, both stations were making full use of different voices throughout the program to maintain variety and interest.

In terms of news coverage, Voice of Nigeria was slanted more towards Nigerian news and reports, whilst Channel Africa was slanted more towards Pan-African items. The news coverage emphasis most likely reflect the audience that the programs are directed at and in my view each station was achieving its aim. I think that I learned more about Nigerian events from Voice of Nigeria than I did for South African events from Channel Africa. Conversely, I learned more about Pan-African news in general from Channel Africa.

So, which program was better? It's a close call. Both programs had varied news coverage - even allowing for the differences in emphasis - and make considerable effort to provide variety and interest. So, in terms of content, in my view neither program is better or worse than the other. However, I thought that the Channel Africa presentation was slightly slicker than the presentation from Voice of Nigeria, so by the slimmest of margins I'll vote Channel Africa's Africa Digest as my preferred program over Voice of Nigeria's Sixty Minutes.

Do you agree or have a preference? Let us know - we would be interested to hear your comments.

Voice of Nigeria

1930 Close

I'll stay with The Voice of Nigeria for the rest of this month's column. VoN has changed its transmission schedule over the last few months, and remains rather erratic. (Thorsten Hallman, in his highly recommended "africalist", is keeping a close watch on the latest VoN schedule at www.muenster.org/uwz/ms-alt/africalist/). At present however, the UTC evening transmission has settled into a regular pattern (although sometimes missing altogether) and usually transmits from 1800-1930UT on 15120kHz and 7255kHz. The 15120kHz transmission can be widely heard, but you will need a DRM-capable receiver. Here is the new program schedule, as monitored by myself over recent weeks:

Friday

1800 Sixty Minutes
1900 Theatre On The Air
1930 Close

Saturday

1800 Africa Hour
1900 Impressions
1915 Politics Today
1930 Close

Sunday

1800 News
1815 Reflections
1820 Weekend Magazine
1845 The Villa
1900 Sports Round-up
1915 World of Arts
1930 Close

Monday

1800 Sixty Minutes
1900 The Financial Monitor
1915 World of Arts
1930 Close

Tuesday

1800 Sixty Minutes
1900 Diplomatic Suite
1915 Beyond Poverty Line
1930 Close

Wednesday

1800 Sixty Minutes
1900 In the News
1930 Close


Thursday

1800 Sixty Minutes
1900 West Africa Today
1915 From the National Assembly

There is little enough drama heard on the shortwaves, so Theatre on the Air (broadcast on Fridays at 1900UT) is worth a mention. I listened to the episode on 31 July at 1900UT (which immediately followed the Sixty Minutes program analyzed above). This week's thirty minute episode is entitled "Hope for the Hopeless".

The story starts with a young girl who is very ill and her mother takes her to the hospital. Turns out that the girl is pregnant by a neighbour's son. Of course this causes much argument in the girl's family and when the father of the boy hears of what has happened, he immediately insists that the two must marry, however the boy refuses. There is much more distress about this in the family. Finally, the girl (still single) goes away to have the baby. When she returns she is welcomed back by the family and the future looks good.

To be honest, I thought that the story ended rather too abruptly, and I couldn't really work out why the family welcomed the girl, and her new baby, back so readily. Anyway, this is clearly not a pure entertainment drama program, but carries a strong educational message - presumably aimed at uneducated, or at least poorly educated, Nigerians. Interesting though, and worth a listen if you get an opportunity. The program is most likely aired at least once more during the week, but without a schedule available, we'll just have to wait until someone stumbles over it on the air.

Until next time, 73's and good listening,
Alan 

International Broadcasting

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

Rockwell-Collins tries to monetize shortwave

We've witnessed the exodus of shortwave broadcast stations, as well as what we in the hobby call "utility" stations - the various two-way or non-broadcast users of the HF spectrum by government, military, and commercial users. Nevertheless, Rockwell Collins has just announced the launch of "ARINC UrgentLink, the first national disaster communications network for public safety that enables first responders, public health, public safety and critical industry officials to communicate with each other when traditional networks are damaged or destroyed. ... Available as a subscription-based service, the ARINC UrgentLink network uses Federal Communications Commission (FCC) licensed radio frequencies specifically authorized for disasters and Rockwell Collins' proprietary High Frequency (HF) technology." ARINC (Aeronautical Radio, Inc), a company dating back to 1929, was recently acquired by Rockwell Collins.

The Rockwell Collins press release further states that "[t]he new ARINC UrgentLink network removes the limitations that affect the reliability of traditional HF radio point-to-point communications, such as time of day, ionospheric fluctuations, sunspot and frequency selection." It does not say how Mother Nature will be so fooled. My guess is that the system can quickly search for the optimum frequency, and that it can choose from multiple transceiver sites, provided those sites still have Internet and/or cell access.

More information is available here: bit.ly/1KdWcn6, but details, such as frequencies, bandwidths, and modes, are lacking in the data sheets and even in the "white paper." Rockwell Collins has an FCC experimental license to "test and demonstrate

wideband HF technologies" in the "2398.00 to 29720.00 kHz spectrum." How "wideband"? I've seen some professional journal papers mentioning 26 kHz - a big swath of HF spectrum. The ARRL has already warned Rockwell Collins and other companies exploring new HF applications to stay out of the amateur bands. Let's hope they don't use reduced occupancy as a justification to set up shop in the international broadcasting bands.

Islamic State bans TV

HF, a.k.a. shortwave, might have to come to the rescue if governments and quasi-governments continue to interdict the newer media. See, for example, this from Radio Free Europe/Radio Liberty...

The 'Caliphate' Will Not Be Televised: IS Bans TV, Destroys Satellite Dishes

By Joanna Paraszczuk, August 20, 2015

Islamic State (IS) militants are destroying satellite dishes and television receivers in civilian homes to prevent people from watching "dangerous" foreign channels that air anti-IS reports, activists and eyewitnesses in Syria told RFE/RL this week.

The move appears to have followed a decree this month to crack down on TV watching. The decree was first announced on August 7 by imams at IS-controlled mosques in locations including Raqqa, the militant group's de facto capital in Syria, activists told RFE/RL.

Raqqa resident Mohammed al-Ali told RFE/RL that he witnessed the announcement being made in the city's Al Fawwaz mosque during Friday Prayers earlier in August. Like those of other witnesses cited in this article, Ali's name has been changed for security

reasons. "The imam in the Al Fawwaz mosque is known to be a sympathizer with Daesh," Ali told RFE/RL via WhatsApp this week, using an Arabic acronym for IS. "He told people gathered for the Friday Prayer that the news aired by Al-Jazeera and Al-Arabiya and other channels is incorrect, baseless, and false and that's why there will be a decision to forbid people to watch TV."

Civilians would be allowed to watch television only on Fridays, and then only programs showing the Koran being recited, Ali said.

Crackdown and Control

IS militants have begun to enforce the decree in the town of Al Shaddadi in Hasaka Province's southern countryside, entering civilian homes and smashing equipment, local activists say. "They are entering houses by force to destroy dishes and satellite receivers," one witness from Al Shaddadi told RFE/RL. Others corroborated the account. The move is part of a wider campaign by IS to cement its rule by cutting civilians off from the outside world while exposing them to a constant stream of propaganda in its own support.

The militant group -- which seized large parts of northern Syria in Iraq in an offensive last year and announced the formation of a caliphate, a state governed in accordance with Islamic law -- has installed huge TV screens in Raqqa's main squares on which the group airs its propaganda videos. "They began by installing four TV screens in Al Rasheed garden, [and in] Dalla, Sa'ah, and Naeem squares," Raqqa resident Abu Nasser told RFE/RL via WhatsApp this week. The militants also spread propaganda via a "Dawa convoy" — two huge vehicles that

are used as screens, Abu Nasser said. "The most dangerous thing here is that most of the viewers are children," commented Abu Nasser.

TV Is Dangerous

IS is cracking down on TV watching because the extremist group — whose members have carried out numerous atrocities and rights abuses over the past year — fears civilians will see foreign news programs denouncing it or showing it in a negative light. "Daesh considers TV a threat to its own existence," said Hamoud al-Mousa, the founder of the Raqqa Is Being Slaughtered Silently campaign. IS wants civilians to consume TV entertainment outside the home and only in its specially created "media points," Mousa added, referring to the outdoor booths where IS shows propaganda videos, including to young people. At the "media points," civilians are able to watch videos showing "how Daesh kills men, women, and children. This is the only available 'news,'" the activist told RFE/RL from Turkey where he fled for his own safety. ...

IS has carried out other measures to prevent civilians from interacting with the outside world. In July, the extremist group banned people in Raqqa from accessing the Internet in private homes, allowing WiFi connections only in IS-controlled public cafes. The militant group has also cracked down on social-media use.

Full text: bit.ly/1LmKVCp

Views expressed are more own. I am slowly reviving kimandrewelliott.com, reporting about international broadcasting. See also voaradiogram.net.

Glenn Hauser's *World of Radio* schedule can be found at

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

Shortwave Center

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

[Gentlemen and Ladies! Check your antennae and start your receivers. The 2015-16 DX season is about to begin! This month, we begin with a contribution by Allen Hundley, Project Manager for the fledgling Radio Alexandria, about the ambitions and plans for this new station.]

STATION PROFILE

Radio Alexandria

By Allen Hundley, Project Manager for Radio Alexandria

Radio Alexandria is a voice for freedom, knowledge, and international understanding. Named after the most famous library in the ancient world, **Radio Alexandria** is a shortwave radio station broadcasting educational programs about science, philosophy, history, archeology, and anthropology. As a broadcast station we cannot physically spread the great books of today, but shortwave radio is the ideal medium for spreading the ideas contained within them to the remotest villages and most isolated hamlets throughout the world.

Radio Alexandria's programs look at where humanity seems to be going as a species, do we really want to go in that direction, and what are our options? Radio Alexandria's programs are for independent minded people who don't like to be told what to believe, who aren't afraid to think outside the box, beyond liberalism and conservatism, beyond capitalism and socialism, people who love science but who are willing to at least consider ideas outside the mainstream.

Our programs appeal to people who cherish freedom, seek wisdom, and manifest kindness in their everyday lives.

Radio Alexandria's flagship program **The Next Chapter** airs Wednesdays at 7:00 pm EST (0000 UTC). It is broadcast to North America, Eastern Europe, and the South Pacific on 7490 kHz on shortwave. Transcripts and podcasts of **The Next Chapter** are available at radioalexandria.net.

About

Radio Alexandria currently uses the shortwave broadcast facilities of station **WBCQ** in Monticello, Maine in the USA. From time to time, domestic non-commercial FM stations in the USA also carry its programming. Now in the evaluation phase of development, if the project is found to have a substantial audience, funding will be sought to operate from a location in the central Pacific Ocean.

Radio Alexandria transmitters and studios will most likely be ship mounted to provide maximum security against severe natural disasters such as typhoons, earthquakes, volcanoes, and tsunamis. It will not however be a true 'pirate' station in the tradition of the pirate radio ships of the 1960s. **Radio Alexandria** anticipates obtaining a station license from one of the island nations to provide both a local 'tropical band' service to island residents and an international shortwave service to listeners around the world.

The intent of **Radio Alexandria** is to be an independent voice for international understanding, following the highest standards for intellectual integrity. For that reason being licensed by a small Pacific island nation avoids having the station being identified with any major world power.

When fully operational, **Radio Alexandria** will broadcast educational programs in English and other languages. Because of the physics of radio and salt water, the central Pacific provides an ideal location

for broadcasting via shortwave radio to North America and the nations of the Pacific Rim. To a shortwave signal, ocean water is 1,000 times more reflective than land. That means a powerful signal can be broadcast into nations like China and Russia using medium power transmitters. All programming will also be available as podcasts on the worldwide web.

Programs

Can we as "Team Humanity" shape and direct our future? In the final analysis that is what Radio Alexandria's programs are all about. Radio Alexandria's programs promote diverse points of view and encourage original, speculative ideas about humanity's future. Our flagship program *The Next Chapter* examines such controversial, cutting edge ideas as the Seldyn Paradigm, the Strangelove Paradox, Martin Ford's description of a society where virtually all the work is done by machines, the Singularity of Ray Kurzweil and others, and philosopher Nick Bostrom's theory of reality as a simulation by a super civilization. These ideas are the often discussed among the educated elite. They are likely to shape the future of humanity in the 21st Century.

The Next Chapter looks at their political and social implications while bringing these ideas to a far broader audience. Is this the direction we as a species really want to go? What will happen to traditional family life, to religion and spirituality, and to the political liberties we enjoy today? Are there other options and, if so, what are they?

Of particular concern is how to solve problems common to many of the major world powers. While each has a distinctive history, culture, and political system they all appear to suffer from endemic corruption of the political process, a creeping erosion of civil liberties, and excessive concentration of wealth and power in the hands of a small elite.

Often a nation recognizes that it has serious political, economic, and social problems. Rather than focus on the deficiencies, Radio Alexandria's programs will look at how these

nations are searching for solutions. What lessons can each nation share that will enrich and improve the lives of citizens of all countries?

For the technically inclined

On the advice of former 'pirate' broadcaster Allan Weiner (now owner of **WBCQ** Radio), we anticipate that the ship will be a converted trawler, lightship, or a vessel of similar design. The ship will be equipped with two primary shortwave transmitters, each probably converted AM transmitters of 10-25 kilowatts, plus a backup. This will enable transmission on two frequencies or to two different regions simultaneously.

Staffing

Currently half a dozen people contribute their time to the **Radio Alexandria** project. Long time broadcaster and international communications consultant Allen Hundley is the project manager. Allen began his career in broadcasting in 1965 as a part-time engineer at CBS affiliate WRNL in Virginia. He worked his way through undergraduate and graduate school, first in engineering and later in news and programming, before heading off to the nation's capital for a stint as a network producer. Becoming disillusioned with the national media, he left to do consulting work around the world for clients including several US government agencies, large international corporations, NATO, the UN, and even medical missionaries. One of his projects involved designing and supervising the installation of a shortwave station for the US Agency for International Development. In addition to his technical expertise, Allen holds several major awards in programming including an Emmy in television and an Armstrong in radio.

When fully operational, **Radio Alexandria** will have a staff of about 18, including four writers, a producer and presenters for each of the three language services. Each language service will produce one hour per day of new programming, 30 minutes in

magazine format and 30 minutes in spoken word format. Programs will be recorded and broadcast twice in the morning and twice in the evening for each target region. *[This narrative doesn't specify what three languages will be used, though one suspects English will be one of them. - ed.]*

Radio Alexandria will be designed to operate self-contained on the ship although it is possible that some personnel and some production might take place either on the island or in another part of the world. Programming produced outside the Pacific region would be relayed in digital form via satellite to the station.

Contact

Radio Alexandria welcomes and encourages listener comments to our programs. Contact **Radio Alexandria** via email at radioalexandria@yahoo.com or write to us at The Next Chapter, c/o WBCQ Radio, 274 Britton Road., Monticello, ME 04760, USA.

DX TARGET

Radio Thailand World Service

Reaching out to the World

By Richard A. D'Angelo

Radio Thailand has a vision, "Radio Thailand strives for excellence as the national broadcaster promoting better understanding and creating a society of lasting happiness". This DX Target is about Thailand's national broadcasting organization and its shortwave service, which is operated by the Public Relations Department of the Royal Thai Government.

According to information provided by the station, **Radio Thailand** has positioned itself as the voice of Thailand. Through its World Service, **Radio Thailand** reaches out to foreign residents and visitors in the country, Thai communities in foreign countries or those travelling abroad, and friends of Thailand anywhere in the world. The organization plans to maintain and

Radio Alexandria is currently accepting donations to our project at this time. So if you'd like to help financially just go to radioalexandria.net, click on 'Programs', and then the 'Donate' button.

Any contribution you choose to make will be gratefully appreciated.

Also if you feel our programs offer valuable insights into the world we live in be sure to tell your friends about **Radio Alexandria**. We exist to serve all who are working to improve the human condition.

For more information contact:

Allen Hundley

Madison, Maine

alhundley@yahoo.com

(928) 358-7422

expand its operation for the present and foreseeable future for the benefit of the Thai people. **Radio Thailand World Service** is proud of its role to serve as a prime source of information for its audiences around the globe. However, despite all that it is still a government controlled "voice" which means care must be taken when listening to its output.

Background

On June 24, 1932, the administrative system of Thailand was changed from an absolute monarchy to a constitutional form of government. The adoption of the Western form of democracy came peacefully to Thailand with only mild resistance. However, the people in general still had no idea what this new form of the national administration was all about.

Therefore, the Public Relations Department ("PRD") was set up on May 3, 1933, to carry out the task of informing the people on the parliamentary democracy. It was then a small bureau under the Prime Minister's Office with the mandate to educate the Thai people on the democratic form of government and publicize activities of the government and government agencies; a little self-promotion never seems to hurt. The Public Relations Department is often heard mentioned during the course of Radio Thailand's World Service English language newscasts making sure listeners know who is responsible for the transmissions.

Five years later the PRD took direct control of radio broadcasting from the Post and Telegraph Department which had been responsible for allocating frequencies until the Office of National Broadcasting and Telecommunications Commission was set up in 2010. The latter organization now has this administrative responsibility.

The first public radio broadcasting station in the country, which was put under the control of the Public Relations Department, was given the name **Radio Thailand**. The station continues to provide service to the Thai people under that name.

Apart from radio broadcasting, PRD operates two other major media forms including the television network of the National Broadcasting of Thailand ("NBT") and the National News Bureau of Thailand ("NNT"). This, all media operations in Thailand is under close government scrutiny which, quite naturally, limits freedom of speech considerably.

The Country

A unified Thai kingdom was established in the mid-14th century. Known as Siam until 1939, Thailand is the only Southeast Asian country never to have been colonized by a European power. A bloodless revolution in 1932 led to the establishment of a constitutional monarchy. In alliance with Japan during World War II, Thailand became a United States treaty ally in 1954 after

sending troops to Korea and later fighting alongside the United States in Vietnam. Since 2005 the country has experienced several rounds of political turmoil including a military coup in 2006 that ousted then Prime Minister Thaksin Chinnawat, followed by large-scale street protests by competing political factions in 2008, 2009, and 2010.

Thaksin's youngest sister, Yinglax Chinnawat, in 2011 led the Puea Thai Party to an electoral win and assumed control of the government. A blanket amnesty bill for individuals involved in street protests - altered at the last minute to include all political crimes, including all convictions against Thaksin - triggered months of large-scale anti-government protests in Bangkok that began in November 2013. In early May 2014, Yinglax was removed from office by the country's Constitutional Court; and in late May 2014, the Royal Thai Army staged a coup against the caretaker government. The head of the Royal Thai Army, Gen. Prayut Chan-ocha, was appointed Prime Minister in August 2014.

The interim military government created several interim institutions to promote reform and draft a new constitution. Elections are tentatively set for early 2016. Thailand has also experienced violence associated with the ethno-nationalist insurgency in its southern Malay-Muslim majority provinces. Since January 2004, thousands have been killed and wounded in the insurgency.

Six terrestrial television stations in Bangkok broadcast nationally via relay stations. Two of the networks are owned by the military; the other four are government-owned or controlled and are leased to private enterprise. All television stations are required to broadcast government-produced programs twice a day (more about that in the next section under carrying out government policy). Radio frequencies have been allocated for more than 500 government and commercial radio stations throughout the country. Many small community radio stations operate with low-power transmitters.

Radio Thailand

Radio Thailand has its headquarters in the city of Bangkok. The main station is in charge of a central domestic service and the **Radio Thailand World Service**.

The policy of **Radio Thailand** has been laid down in line with the policies of the government and the PRD thus controlling the content and output of the station. It aims to inform, educate and entertain the public and, at the same time, serve other government agencies, charitable organizations and educational institutions by providing them airtime and publicizing their work.

The radio broadcasting network, under close PRD supervision, strictly observes the rules and regulations laid down by the Radio and Television Board of Directors. Since it began operations in the 1930's, **Radio Thailand** has been continuing to develop its programs and broadcasting techniques, emphasizing the mission of disseminating news and information about the Government's policies and projects.

In carrying out the government's policy to provide radio service to people all over the country, the PRD has maintained and extended radio stations across Thailand. It now covers the entire country with its broadcasts via 149 radio frequencies, comprising AM, FM and shortwave outlets. All radio stations except some specialist stations, such as the one dedicated to traffic reports, hook up with **Radio Thailand** for official newscasts, which are transmitted daily at 7:00 AM and 7:00 PM local time, which is currently 0000 and 1200 UTC.

Radio Thailand also presents programs in dialects for tribal groups to suit the audience in different areas. It began foreign language services in 1938, aiming to inform Thais abroad and listeners in all parts of the world of developments on all fronts of Thailand. The station broadcasts from the **Voice of America** complex at Udorn Thani location using a Marconi B6128 transmitter, a curtain antenna and a power of 250 KW.

Schedule

Radio Thailand broadcasts in ten languages twenty-two times a day. English with eight broadcast times and Thai with six transmissions reflect the bulk of the transmission hours. The other languages – German, Burmese, Mandarin, Japanese, Vietnamese, Malaysian, Lao and Khmer – are each broadcast once each day. The complete schedule of the various language transmissions follows. However, I would suggest periodically checking the Listeners Notebook column for the latest frequency assignments:

0000-0030 UTC English
0030-0100 UTC English
0100-0200 UTC Thai
0200-0230 UTC English
0230-0330 UTC Thai
0530-0600 UTC English
1000-1100 UTC Thai
1100-1115 UTC Vietnamese
1115-1130 UTC Khmer
1130-1145 UTC Lao
1145-1200 UTC Burmese
1200-1215 UTC Malaysian
1230-1300 UTC English
1300-1315 UTC Japanese
1315-1330 UTC Mandarin
1330-1400 UTC Thai
1400-1430 UTC English
1800-1900 UTC Thai
1900-2000 UTC English
2000-2015 UTC German
2030-2045 UTC English
2045-2115 UTC Thai

Radio Thailand World Service is an erratic verifier of listener reception reports. However recently there seems to be some improvement, so now may be a good time to reach out to the station after talking a good, solid log. The current QSL is a nice looking folding picture card featuring a photograph of the Democracy Monument, a public monument in the center of Bangkok. The station can be contacted through e-mail (feedback@hsk9.org), Facebook ([14](http://www.face-</p></div><div data-bbox=)

book.com/RadioThailandWorldService), or via postal mail:

Radio Thailand World Service
Public Relations Department
Royal Thai Government
236 Vibhavadi Rangsit Road
Din Daeng
Bangkok 10400
Thailand

SHORTWAVE HISTORY

Willis Conover

The Voice of Jazz Behind the Iron Curtain

By Scott Simon, **NPR**

(First broadcast on July 25 in the "Simon Says" segment of **Weekend Edition Saturday**)

Willis Conover was known around the world, but not so much at home. He was the voice of jazz over the **Voice of America** for more than 40 years, most of it during the Cold War.

Imagine what it was like to sit in the dark of a hushed room in Prague, Moscow or Warsaw in the 1960s, fiddle with the dial of a shortwave radio, slide over crackles, pops, and jamming, to finally find the opening notes of "The A Train" and a rich baritone intoning slowly through the static, "Good evening. Willis Conover with Music USA ..."

He played the Count, the Duke, and Satchmo, Dizzy, Miss Sarah Vaughan and Charlie Parker.

I remember asking East Berliners in the early 1990s, "Where did you learn such excellent English?" They didn't say the name of any movie, rock star or statesman, just: "Villis Conover."

Jan Zappner, the Czech jazz accordion player, told Terence Ripmaster who wrote a Conover biography, that when he was a soldier in the Czech army, "Private radios were not allowed, so ... every night at ten

o'clock, I sneaked through the toilet window into the communications building, where there was a shortwave radio on which I tuned in the **Voice of America**."

"There it was, 'The A Train,' and the great voice of Willis Conover. I will never forget that feeling of sweet conspiracy. While the barracks, the country, indeed, the whole socialist camp was asleep, I ... found out that over the trenches of the Cold War there was normal life, with great music ..."

It was a little hard for millions of people to believe that Americans were imperialist running-dog lackeys after they'd listened to Stan Getz, Miles Davis, and Thelonious Monk.

As Conover told Time Magazine in 1966, "Jazz tells more about America than any American can realize. It bespeaks vitality, strength, social mobility; it's a free music with its own discipline, but not an imposed, inhibiting discipline."

Conover, who died in 1996, could pack concert halls for jazz shows behind the Iron Curtain. But he wasn't a household name in his own country because, by law, the **Voice of America** cannot broadcast to the United States.

This week, Doug Ramsey, who writes about jazz for the *Wall Street Journal*, reported that a campaign to persuade the Postal Services Stamp Advisory Committee to put Willis

Conover on a U.S. postage stamp now has thousands of signatures. It would send the face of the voice who brought the light of hot jazz into the darkest places of the Cold War around the world again.

<http://www.npr.org/2015/07/25/426029637/willis-conover-the-voice-of-jazz-behind-the-iron-curtain>

[Ed. Note: If you would like to add your name to the aforementioned campaign to honor Willis Conover on a U.S. postage stamp—and you should--go to: <https://www.facebook.com/WillisConoverClub>

or write to:

Citizens' Stamp Advisory Committee
475 L'Enfant Plaza SW, Room 3300
Washington, DC 20260-3501]

RADIO HISTORY

Adrian Peterson's Diary

The KDKA Shortwave Story: Before the Beginning

Transcribed from the AWR Wavescan script by Jerry Berg

Back in the early days before European colonization in North America, the Pittsburgh area in Pennsylvania was the haunt of the Shawnee Indians. The Shawnee Nation was described as a semi-migratory cluster of tribes who moved around the eastern and central areas of what is now the United States. Their language, Shawnee, belongs to the Algonquin family of languages, and it is an endangered language, with these days only 200 fluent speakers, mostly elderly adults.

The first European to visit the Pittsburgh area was Robert de la Salle, a French trader and explorer who led an expedition down the Ohio River from Quebec in Canada in the year 1669. Robert de la Salle claimed all of the areas he traversed as part of the French colonial empire in North America, a claim that France considered valid up until 1758, nearly 90 years. A counter-claim was lodged by the British in 1681, a claim that they considered valid up until 1781, exactly 100 years.

In 1758, the year the French claim expired, the settlement of Pittsburgh was named by the Scottish army general, John Forbes, in honor of the eloquent British statesman

William Pitt. Back in those days the pronunciation was "Pittsburrow", similar to the Scottish city Edinburgh ("Edinburrow").

Five years later, during the siege of Fort Pitt by Shawnees loyal to Chief Pontiac, there was an early attempt at biological warfare by the British garrison which tried to spread smallpox among the native Americans with the use of infected blankets. This attempt was largely inconsequential, however, because the disease had already been rampant among the Shawnee tribe during the previous year. It is estimated that as many as half a million may have eventually died from this epidemic.

The Blockhouse at Fort Pitt in Pittsburgh was constructed in 1764, and this is the oldest building still standing in Pittsburgh. In 1769, Pittsburgh was claimed by two states, both Virginia and Pennsylvania. Eleven years later, the new Mason-Dixon Line on the map of the United States settled the issue and Pittsburgh was legally absorbed into Pennsylvania. The locale was incorporated as a town in 1771, and as a city in 1816.

The city was almost completely destroyed by fire in 1845, and it was rebuilt during the next two years, complete with an enormous total of new factories numbering 1,000. A

score of years later one writer described the city as "hell with the lid off". In 1890, the spelling of the city was modified, dropping off the final letter h. However, the h was officially returned to the city 21 years later.

Today, Pittsburgh, Pennsylvania is a large modern city with a population of 1/3 million covering an area of 60 square miles. It is a very hilly city, with 446 bridges, and some 712 sets of outdoor pedestrian stairs including hundreds of "paper streets" as they are described; that is, streets that are composed entirely of stairs and steep sidewalks rather than regular suburban streets.

It was on January 8, 1886 that George Westinghouse established a factory in East Pittsburgh for the manufacture of turbine generators, large electrical coils, and electric railway locomotives. This was the largest Westinghouse factory and, at its height, it employed 20,000 people. The factory subsequently manufactured home appliances--and radio receivers.

Interestingly, 23 years after the factory was established, the management ousted its founder George Westinghouse. This important industrial factory was closed during its 100th anniversary year--1986.

Electrical Engineer Frank Conrad, who was closely involved with the development of radio broadcasting over the medium wave and shortwave station **KDKA**, was born in Pittsburgh on May 4, 1874. At the age of 16 he began employment in the Westinghouse factory, where he soon demonstrated a remarkable capability and expertise in many areas of electrical and electronic development. He invented, for example, the circular watt meter that is still in use to this day.

In 1912, at the age of 28, he constructed a wireless receiver in his home at Swissvale on the edge of Pittsburgh so that he could receive regular time signals from the Navy wireless station NAA at Arlington in Virginia. He also heard Morse Code signals on his new wireless receiver from a neighbor, John Coleman, so he built his own amateur

transmitter so that he could communicate with other experimental wireless operators.

Subsequently, he moved to another locale near Pittsburgh, a two-story house in Wilksburg, and installed all of his wireless apparatus in the room above the detached garage. He was granted a license for his amateur station as 8XK in August 1916, two years into the First World War in Europe.

After the United States entered the war, all experimental wireless stations were silenced in April 1917. However, Frank Conrad was permitted to continue his experimental work with radio in conjunction with the Westinghouse factory and they were granted two special licenses for this purpose: station 2WE at the Westinghouse factory and 2WM at his Wilksburg home.

Two and a half years later in the aftermath of the European war, the ban on amateur radio activity was lifted and Conrad resumed transmissions over his amateur radio station under the original callsign 8XK. Thus, in the evening of Friday, October 17, 1919, Conrad entertained local listeners for the first time after the war with a music concert made up from his own record library together with announcements about each rendition.

Thus began a continual series of semi-regular radio program broadcasts, compiled from music records borrowed from the Brunswick Shop in Pittsburgh; and the shop reported an increase in sales due to this form of unofficial advertising. Then too, there were occasional live broadcasts presented by family members, relatives and friends who had a talent for vocal and instrumental music.

During this era of informal program broadcasts, Conrad re-applied for his former amateur license with the same pre-war callsign 8XK. In due course, he received the official license, dated January 21, 1920. His renewed license was listed as License No. 236-1/2.

The local newspapers often gave coverage to the various program broadcasts from Conrad's amateur station 8XK, describing

what was broadcast and giving also the expressions of appreciation from the listening public. Then, in the edition of the local paper for September 29, the Horne Departmental Store included an item in their display advertisement stating that their own staff had listened to a Conrad broadcast on their own radio receiver.

The Westinghouse Vice-President, Mr. H. P. Davis, read this advertisement and saw a commercial advantage in the usage of radio. So he set procedures in motion to establish their own radio broadcasting station at the factory. This new radio broadcasting station was quickly constructed and temporarily installed under a tent on the roof of the Westinghouse factory.

In the meantime, there was a presidential election in the offing, and ARRL, the American Radio Relay League, had invited amateur station 8XK to participate in the dissemination of news and information. Westinghouse and Conrad combined their involvement for radio coverage of the election results with the use of their new factory station, which was licensed under

the callsign 8ZZ. Test broadcasts were made in advance, and the new station was ready for the official event on November 2, 1920.

The main election broadcasts on November 2, 1920 were made from the new station 8ZZ at the factory, though Conrad was at home with his own station 8XK, ready to put it on the air with the official programming relay via a telephone line in the event of a problem at the factory station.

Interestingly, another amateur radio station in Pittsburgh, 8ZD, operated by a Mr. Williams, carried the official ARRL broadcast of the election results, due to the fact that Conrad and Westinghouse were tied up with the operation of their own new radio station.

And that's how it all began. A couple of days later, the official license to use their land station **KDKA** as a broadcasting station arrived; and thus a new era in the history of radio broadcasting began.

[Series will continue in subsequent editions of The Journal. - Ed.]



NASWA Flashsheet

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

Listener's Notebook

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

Times are UTC and frequencies in kHz.

ANTARCTICA LRA36 Radio Nacional Arcangel San Gabriel will be back on the air from 27 July at 1800-2130 Monday to Friday on 15476v in Spanish. (Bulgarian SW blog/British DX Club) I have not seen any reports as yet for this reactivation. (RAD)

ARMENIA Good reception of Voice of Armenia on Aug.19

1900-1930 on 4810 ERV Arabic
(DX Mix, Bulgaria)

AUSTRALIA Hi listeners of Reach Beyond Australia. I just wanted to let you know that we will be closing down this email (office@reachbeyond.org.au) soon. Can you please send all future reception reports and other correspondence to radio@reachbeyond.org.au. Happy listening! (Shelley Martin, Reach Beyond Australia Listener Correspondent, Reach Beyond Kilsyth Office)

Reception of Reach Beyond Australia in English on August 11:

0730-0800 on 15490 KNX
(DX Mix, Bulgaria)

7375, Reach Beyond Australia, Kununurra, 22:37-22:45, escuchada el 6 de agosto de 2015 en indonesio a locutor con comentarios, música y locutora con ID "Reach Beyond Australia", SINPO 44444. (José Miguel Romero-Spain/PlayDX)

9720, Radio Dian Mandiri, Denpasar, Bali, Indonesia is the lead station in the Dian Mandiri Radio Network, which produces a Christian inspirational religious program in Bahasa Indonesia called "Bikin Hidup Lebih Baik" (Making Life Better, also the motto of the station/net). A broad slate of programs is created and broadcast across the Indonesian archipelago via the 35 stations in the network. The program "Making Life Better" is also well heard in the Central USA, relayed daily via shortwave via HCJB Australia / Reach Beyond, at 1230-1300 via Kununurra, Australia. The network

team is indeed very friendly. Email confirmation responses for shortwave reports were received from both Ady Laning, the station manager in Bali (ady_laning@yahoo.co.id) as well as the network founder, Mr. Paulus Wiratno (pwiratno@gmail.com). After a fortuitous meeting with representatives from HCJB International, and ongoing support from HCJB, Mr. Wiratno set up his Indonesian company, PT Radio Dian Mandiri, in May 2004 and launched the station DM Radio (Dian Mandiri) on 107.2 FM in Denpasar, Bali. The station website says the following about the founding of Dian Mandiri: "Dian Mandiri (meaning: Independent Light) Radio began in Indonesia nearly 14 years ago because of the burden and desire of Paulus Wiratno to reach the masses with the good news through radio. In 1999, the Lord provided all the radio equipment and facilities necessary to establish the first radio station in Ambon. Unfortunately, while the radio tower was being built, severe riots broke out and the lives of the staff constructing the tower were lost as well as all the equipment was destroyed. Despite this setback, the deep burden continued to burn in Paulus's heart for disciplining a generation through radio. Through a divine appointment in 2003, the Leaders of DM Radio met the third most established Christian Radio Ministry Internationally, HCJB. Along with other partners like Galkom International, DM Radio has now opened 40 radio stations in Indonesia and plans to open many more. Radio can be part of the answer to the community's need for a better life. It facilitates and complement the work of the pioneer church planters in the field. How else could you tap into this window of opportunity to spread the Good News of salvation without the constraints of the geographical borders, cultural limitations and political boundaries?" The station manager, Ady Laning, provided extensive personal contact information: Address: Jl. Intan LC II Gang IV No 1 Denpasar - Bali (80239); Website: www.dmradioclub; Email: ady_laning@yahoo.co.id. The address for the station is Jalan Intan LC II, Gang IV No. 01, Denpasar, Bali 80237, Indonesia. Their Dian Mandiri Facebook page has many pictures and their website (www.dmradioclub) features live streaming audio and a complete listing of their network stations. The Dian Man-

diri network appears to be steadily growing, with photos showing a new station freshly built and added to the net just a month ago. Programming according to their website: Good Morning Bali (GBM) - Caffe Rumpi Making Life Better (MLB) - Berbagi Rasa (Beras) Hope In The Morning - Salam Sahabat Music Fresh - Profil Usaha Sweet Memory Song (SMS) - Serba Serbi Sabtu (Triple S) Bukan Tertawa Sehat - Sahabat Cilik Nada & Kata - Timpal-timpal DM Pelangi Nusantara - Love & Dedication Ngerembug Kangin Kauh Turning Point DM Peduli Insight Tourism Hope In The Night Jembatan Kasih Dad to Dad The official station format is listed as: - Life Style - Entertainment - Sport - News - Quiz - Off air activity - Hiburan Musik - Family. (Ralph Perry-IL)

AZERBAIJAN Ictimai Radio heard once again a broadband FM signal on August 18:

1130-1300 on 9676.9 UNIDetected tx site to CeAs Azeri. After 1300UTC, due to propagation from Asia 9676.9 kHz is totally blocked by CRI in Russian on 9675 & RTI in Chinese+CNR-1 on 9680. (DX Mix, Bulgaria)

BAHRAIN 9745, R Bahrain, Abu Hayan, 0333, Aug 03, Arabic, ID: "Huna Bahrain", non-stop disco songs in Arabic and English, 25532, (Pankov-Bulgaria/DX Window)

BHUTAN 6034.96, BBS, Sangaygang, at 1248-1430 on Wed July 22, unique indigenous music/singing, monologue and phone conversations. Some mixing with Yunnan PBS (China), in Vietnamese and Chinese, but most of the time BBS was stronger. The last I knew BBS signed off about 1300, so they really were on an extended schedule today. (Ron Howard-CA-USA) Strong signal also here in Finland now at 1615 on July 22. (Mauno Ritola-FIN) Also heard July 23 at 1100 on remote SDR units in Nagoya Japan and Brisbane Queensland, S7, footprint 6034.951. (Bueschel). I heard it after 1200, but not after 1230. (Ritola) But not heard on July 23 at 1242-1350, no BBS was audible! Yunnan PBS was doing fairly well on 6035, in Vietnamese till 1300, when they switched to Chinese. (Ron Howard-CA-USA) (All via Anker Petersen-DEN, dswci DXW Aug 5)

BOLIVIA 6025, 0350, Red Patria Nueva may have extended schedule Sundays, hrd to closing abruptly at 0516 14/6. Slowly improving signal, vgd after 0500. SS ident as "La Red Patria Nueva", promos, vocals, political speeches. (Bryan Clark-New Zealand/NZDXTimes)

6105, Radio Panamericana: Bolivian broadcasting is in mourning. The founder of Radio Panamericana, Miguel Dueri Anton Maria, died on July 30, victim of a cardiac arrest. Dueri born in 1926 in Bethlehem, West Bank Palestinian city. He arrived in La Paz at age 20 and opened a bazaar while being part of the National Symphony Orchestra of Bolivia, playing violin. Radio Panamericana born in 1972, which marks a style Dueri broadcasting situation. The radio station promoted, since its creation, dissemination of national and classical music. The audience was captivated by the new style of radio. One feature of Pan American, which marked time, was the incorporation of technological innovations, as well as integration with international chains such as RCN, the Latin American Solar Chain and CNN. Radio Panamericana today is at the forefront in technology with satellite systems, Internet Real audio, broadcast and digital audio processors, which complements the traditional power and range of his shortwave transmitters, modulated amplitude and frequency modulation. (Opinion.com.bn via José Miguel Romero-Spain/PlayDX)

BOSNIA Announcement to closing International Radio Serbia on July 31: By the decision of Serbian government, International Radio Serbia ceases to exist on 31 July 2015. Thus our fruitful cooperation with you and our tradition of continuously informing the diaspora and the public worldwide of the current events, business and cultural capacities, beautiful landmarks, culture and tradition of Serbia and former Yugoslavia in 12 languages via shortwaves, Internet and satellite will be terminated. Thank you for having listened to us and for having trusted us for more than 79 years!! This is another station which goes from shortwave. (DX Mix, Bulgaria)

Serbia International Radio Serbia closes: The station had been expected to close on 30th June but continued during July. However a report on Voice of Serbia web site confirmed that, sadly, there was no hope of another reprieve, the station would close at the end of July after 79 years of broadcasting, with all 96 staff losing their jobs. This was confirmed in a note enclosed with a QSL card from International Radio Serbia saying that the station ceases to exist on 31st July; it went on to say that shortwave, as well as the internet and satellite broadcasts in all 12 languages, would be terminated. (Reports from Alan Gale-UK, Howard Barnett-UK, Edwin Southwell-UK/British DX Club) Alan Roe was listening online to International

Radio Serbia in English at 2100 on 30 July to what was announced as the last day's broadcast. There was again no sign of their shortwave frequency [which had been absent for several days]. (Alan Roe-UK, 30 July/British DX Club)

For the second day on Jul 24 no signal from International R Serbia. Officially SW transmissions will be closed on Jul 31. (Koie-Denmark and Ivanov-Bulgaria/DX Window) Announcement to closing International R Serbia on July 31: "By the decision of Serbian government, International Radio Serbia ceases to exist on 31 July 2015. Thus our fruitful cooperation with you and our tradition of continuously informing the diaspora and the public worldwide of the current events, business and cultural capacities, beautiful landmarks, culture and tradition of Serbia and former Yugoslavia in 12 languages via shortwaves, Internet and satellite will be terminated. Thank you for having listened to us and for having trusted us for more than 79 years!!" This is another station which goes from shortwave. (Ivanov-Bulgaria/DX Window, Jul 29)

We had expected a final 'goodbye-program', but they were not on air Jul 31 - and the web stream was also silent. Furthermore, 6100 was silent several days before the official closure. (Koie-Denmark/DX Window)

BOTSWANA The US relay station at VoA Selebi-Phikwe still supplies a regular signal into Europe. On 25 July (a Saturday), it was interesting to note "VoA 1 - the best music" at 0615 on 15580. According to the VoA this is a 24 hrs stream, but at www.voanews.com/content/infographics/infographics/2569175.html only a jazz programme started. (Prof. Dr. Hansjoerg Biener-D, wwdxc BC-DX TopNews July 26)

BRAZIL 4915, Radio Daqui, Goiania, 0518-0537, 25-07, Brazilian songs, Portuguese, comments, identification: "Radio Daqui AM", "Esta e a Radio Daqui, ondas curtas..., banda tropical...". 24322. (Méndez-Spain/PlayDX)

4915, R Dif. Macapá, Macapá, AP. Reported off the air. Yes. It's out of air. Reportedly the tuning box and some copper rods of antennas have been stolen! It seems very strange that because the Transmitter park should be watched. But they say around here that they are providing the replenishment and maintenance of the equipment the transmitter and Continental antennas by a technician is still

to come in Macapa, I do not know when. (Nunes via Wyllyans in HCDX/DX Window)

4925.22, R Educação, Tefé, AM, 0155-0200", Aug 01, Portuguese talk, carrier off at 0202, 25222. (Petersen-Denmark/DX Window)

6135.25, 0255-0305, 27.7, Radio Aparecida, Aparecida, SP. Portuguese ann, advs mentioning Aparecida twice, list of other stations, religious talk. 45333. (Anker Petersen-Denmark/PlayDX)

6159.954, very UNSTABLE signal, one of the Brazilians here on this channel. Likely ZYE245 Rádio Rio Mar? from Manaus AM. Hopps always some Hertz 'up and down'. At 0635 on Aug 5th. (wb, wwdxc BC-DX TopNews Aug 5) The situation here is a little confusing. Boa Vontade is the one on the low side of 6160. Drifting around a bit, sometimes below CKZN and sometimes just above. Rio Mar is the one on 6160.08 closing one hour earlier (around 2100) than Boa Vontade (sign off normally 2159). (Thomas Nilsson-SWE, wwdxc BC-DX TopNews Aug 6)

9645, R. Bandeirantes, São Paulo, SP, 0354-0400, Aug 03, Portuguese ID and song: "Everything I Do Is Doing For You" (from 0400 whistling with Arab speaking station), 45544. (Pankov-Bulgaria/DX Window)

15190, surprisingly good reception of Radio Inconfidencia: from 2027 BEL 005 kW 122 deg to Brasil, Portuguese. (Ivo Ivanov-BUL, hcdx via wwdxc BC-DX TopNews Aug 4) Measured at 1045 on Aug 4th: 15190.159 footprint, (Wolfgang Büschel, Germany, wwdxc BC-DX TopNews Aug 4) 15190.1, Radio Inconfidencia, Belo Horizonte, 2142-2210, 18-08, Brazilian songs, comments, Portuguese, at 2002 identification: "Rede Inconfidencia de Radio, Belo Horizonte, Minas Gerais, Brasil" and program "A Hora do Fazendeiro". 24322. (Méndez-Spain/PlayDX)

CHILE Radio Cooperativa on 12365usb: Relays of Copa America football commentaries were reported several times during June late evenings on 12365-usb. The final match was on 4th July which was probably the last opportunity to log this frequency for the time being. (British DX Club)

CHINA 3210 USB, Jul 22, 1220, Chinese military (Navy). Second time I have recently heard them here with Chinese numbers; also heard them back in Aug. 2011 on 9000-USB; Keith Perron explained back then - "This is not the Taiwan number station

... This station comes from China. The station is operated by the Chinese Navy and is very active during military exercises. It's in no way a spy station. The reason it sounds the way it does is because of the old technology being used to generate the numbers. Back in the 70s Taiwan's number station sounded the same until there was an equipment upgrade in the late 70s or early 80s . . ." (thanks again to Keith for this info!). It will be remembered that 3210 was the former frequency of the Australian low powered station relaying "Vintage FM" (<https://app.box.com/s/72o2dndk6se3g072vxct>), that was formerly owned and operated by Craig Allen, but he has since sold the 3210 & 5045 transmitters. Do not know the current owners intentions, but if 3210 is reactivated, then these Chinese signals could prove to be a problem. (Ron Howard-CA/SWBulletin)

6060, RE: ID of Sichuan PBS-2. Thanks very much to the always helpful input from Sei-ichi Hasegawa, I have learned that the ID I thought I was hearing was wrong; in fact the actual ID is as follows: "Nationality Channel. Sichuan the People's Radio Station. SW 6060, 7225, FM 88.1." He provided me with an audio that was just about studio quality, so there is no question about it. His ID is also more logical than what I thought I was hearing. Have often noted that the Japanese DXer's are the most meticulous when it comes to IDing SW stations, which is a great quality to have, whereas I tend to be somewhat more cavalier in my approach, so I occasionally get things wrong - close but no cigar, hi. (Ron Howard-CA/SWBulletin)

CLANDESTINE Michael Ford mentions the new Manara Radio, broadcasting in Hausa to West Africa via Issoudun. Heard on Fridays only at 0730-0830 on 15440 and at 1600-1700 on 17765. (Stephen Howie-UK/British DX Club)

Radio Abisinia is a new broadcast in Amharic to Ethiopia Saturdays at 1600-1800 on 15470 via IRRS (transmitter site in Romania). Started 25 July. Web www.radioabisinia.com. E-mail radioabisinia@yahoo.com Postal address: Radio Abisinia, P. O. Box 56533, Washington, DC 20040, USA. (WRTH / Dave Kenny-UK/British DX Club)

Radio Dandal Kura has a new extended schedule effective from 1 July - in Kunari to Nigeria:

0500-0700 on 7415-as (ex 0500-0600) in Kunari
0700-0800 on 15480-wo - additional

1800-2100 on 11830-as (1800-1900 on 12050).
(DX Mix/British DX Club)

Denge Kurdistan on new 11600 (ex 11510) from 1 July. DX Mix reports the following sites:

0300-0500 11600-ISS
0500-1400 11600-Moldova
1400-1700 11600-Sofia
1700-1900 11600-ISS
(British DX Club)

Radio Dabanga to South Sudan:

From 0550 on 11645 SMG Sudanese Arabic

Radio Miraya to South Sudan:

From 0556 on 11560 ISS English/Arabic
(DX Mix, Bulgaria)

Manara Radio

From 1630 on 17765 ISS Hausa, scheduled 1600-1700
(DX Mix, Bulgaria)

Media Broadcast relay Radio Inyabutatu on August 8

1800-1900 on 17605 ISS Kinyarwanda Sat
(DX Mix, Bulgaria)

Updated A-15 shortwave schedule for Voice of Tibet:

1200-1215 NF 15542 DB Chinese, ex 15543
1215-1230 NF 15543 DB Chinese, ex 15537
1230-1245 NF 15562 DB Tibetan, ex 15563
1245-1300 NF 15563 DB Tibetan, ex 15557
1300-1315 on 15548 DB Chinese no change
1300-1315 NF 15568 DB Tibetan, ex 15563
1315-1330 NF 15543 DB Chinese, ex 15542
1315-1330 NF 15568 DB Tibetan, ex 15563
1330-1345 NF 15548 DB Chinese, ex 15542
1330-1345 NF 15562 DB Tibetan, ex 15557
1345-1400 NF 15548 DB Chinese, ex 15537
1345-1400 NF 15563 DB Tibetan, ex 15552
1400-1415 on 15542 DB Tibetan no change
1400-1415 on 15525 MDC Tibetan Tue/Thu/Sat
1400-1415 on 15565 MDC Tibetan Mo/We/Fr/Su
1415-1430 NF 15543 DB Tibetan, ex 15548
1415-1430 on 15530 MDC Tibetan Tue/Thu/Sat
1415-1430 on 15560 MDC Tibetan Mo/We/Fr/Su
2300-2315 on 7592 DB Tibetan no change
2315-2330 NF 7597 DB Tibetan, ex 7594

All frequencies are jammed by China on xxxx0 /

xxxx5. Changes between frequencies vary from 5 to 7 minutes. (DX Mix, Bulgaria)

Oromo Voice Radio, Raadiyoo Sagalee Oromoo

1600-1615 on 17850 ISS Oromo Mon
1615-1630 on 17850 ISS English Mon
(DX Mix, Bulgaria)

Radio Xoriyo Ogaden

1600-1630 on 17870 ISS Somali Mon
(DX Mix, Bulgaria)

Voice of Oromo Liberation back on air Aug.19, after wrong Media Broadcast connection with Athmeeya Yatrahe-GFA previous Wednesday:

1700-1730 on 17630 NAU Oromo Wed
1730-1800 on 17630 NAU Amharic Wed
(DX Mix, Bulgaria)

Radio Biafra has launched a satellite television dubbed Biafra Television and a shortwave (SW) radio that will cover most Africa and beyond. According to the clandestine station, the frequency of the broadcast is 15560 kHz in the 19 meter band and hours of broadcast for the time being, 7.00 - 9.00 am and 7.00 - 9.00 pm Nigerian time. The station still broadcasts on FM, satellite and Internet, even though Nigeria National Broadcasting Commission (NBC) claim they have blocked them on FM and satellite, and would also do the same on Internet. Briefing Journalists last month after a meeting between officials of Ministry of Information and President Buhari, Dr. Shade Yemi-Esan, Permanent Secretary, Ministry of Information said: "Right now the signals from Radio Biafra have been jammed successfully by NBC. The commission is also working with security agencies to get those that are behind that radio because it is an illegal radio. It is not licensed by anybody to be on the airwaves in Nigeria." Nnamdi Kanu, Radio Biafra Director in a statement posted on their website, described their shortwave radio as "Nuclear War Head". It is unbelievable that Radio Biafra that is supposed to have had its wings clipped by NBC is now not only broadcasting in the South East and Niger Delta but now sending its air waves across Nigeria and Africa. Has NBC lost the air wave war with Radio Biafra? The answer will be known with what happens in the next few days. (Nigeria Master Web via Bob Wilkner-FL)

Clandestine Radio Biafra now broadcasting on shortwave from Aug. 27 probably from Issoudun:

1800-2000 on 15560, after DWL French 17-18 on 15560 ISS. Open carrier, dead air till 1805, then music and English program, very poor today I'm out of their target zone. On Aug. 28 NO SIGNAL of R. Biafra from 0600 on 15560. (DX Mix, Bulgaria)

13775, 0559, Nigerian Armed Forces Radio via Issoudun, vgd opening w/catchy song "I want to be a soldier" then EE ident 8/7, very good. Also on parallel 11825 at fair strength. Short term test tx, since concluded, first logged 30/6 when reception was patchy. (Bryan Clark-New Zealand/NZDXTimes)

17845 Radio ERGO, Al Dhabayya, 1201-1209, August 09, Somali, announcement by YL, music, announcement by female, news bulletin o talk by male 34443. (Arnaldo Slaen-Argentina)

17860, Voice of Khmer M'Chas Srok, 1150-1159, August 09, Khmer, talk by male, announcement by female, talk by female, s/off, 24432. (Arnaldo Slaen-Argentina/DXplorer)

CONGO REP. 6115, R Congo, Brazzaville (presumed), 1650, Aug 02, French, time check and Afro beat songs, tiny signal, 25322. French news was not heard at 1800-1830. (Pankov-Bulgaria/DX Window)

CUBA I am still working with my colleagues at Radio Cuba to start broadcasting once again on the 90 meters Tropical Band. Suggested frequencies 3350 and 3365. You can send your suggestions to arnie@rhc.cu. This is an old SNIEG air cooled transmitter that we will run at around 30 kiloWatts into a NVIS dipole antenna. Operation planned for between local sunset and about two o'clock in the morning local time. Reports for RHC 5040 can be sent to arnie@rhc.cu, and will be replied with a nice newly printed QSL card. (Arnie Coro C02KK host of DXers Unlimited Radio Havana Cuba via José Miguel Romero-Spain/PlayDX)

DIEGO GARCIA 4319-USB, AFN, Diego Garcia. Not heard, so I asked this question in July: "So has it finally happened - no AFN via SW?" Comments: Jul 30, from Jari Savolainen - "Also been checking Diego Garcia 4319 randomly and no luck." Also Jul 30, from Anker Petersen (editor of DSWCI's DX-Window) - "According to my notes based upon listening around the world, AFN Diego Garcia has not been heard since Dec 2014 on its two frequen-

cies." Thanks fellows for your helpful feedback! So yes, AFN for the time being (unless they fix a SW transmitter) is no longer broadcasting via SW. (Howard-CA/DX Window)

ECUADOR 6050, HCJB, Pichincha, 0453-0500*, Aug 1, religious comments, Spanish, anthem, identification: "HCJB", time signals and close. 24322. (Méndez-Spain & Petersen-Denmark/DX Window)

ECUATORIAL GUINEA 5005, RNGE, Batá. Tem-se falado nesta emissora, alguns tem conseguido captá-la...mas o facto é que, entre 16 e 24 de Julho, à noite, nada de RNGE. (Google translation by Thomas Nilsson: There has been talk about this station, some have managed to catch it ... but the fact is that between 16 and 24 July in the evening, no RNGE.) (Carlos Gonçalves-Portugal/SWBulletin)

EGYPT 3280 H, ERTV General Programme, Batra, 0055-0110, Aug 01, Quran recitation in Arabic, 15111 = 4th harmonic of Batra on 819 MW (35444). (Petersen-Denmark/DX Window)

ENGLAND Test transmission of BABCOCK on Aug.11:

0800-0946 on 15470 probably from Woofferton (DX Mix, Bulgaria)

DEL report of British Antarctic Survey Mid-winter Broadcast: "Dear Mr. Perry, I have been sent your SWL report on this year's Mid-Winter broadcast to the bases of the British Antarctic Survey as the resident Radio Amateur with BAS. As I am currently on leave and away from home this will be a brief reply due to limitations with access to mail and computing. Sadly it is not possible for the British Antarctic Survey to send a QSL as the transmission was by the BBC. I did investigate, earlier this year, on behalf of another SWL for the broadcast in 2014 and failed to find a contact address within the BBC for receiving such reports and this means that I have not been able to forward your message any further. I am unsure of the reference to Babcock, this is not a name or organisation that I am familiar with and so can't provide any contact details here either. I do know that in this day of digital communications that those on the bases of the British Antarctic Survey do listen to the Short Wave broadcasts, standing around a base radio and hoping that conditions will allow for clear reception. Sadly HF is not used as much these days with most traffic

now via satellite. Working as the Communications Officer on board one of the BAS vessels does allow me to operate on HF, mainly using CW, from the Polar Regions, and more information on my activity can be found at www.gm0hcq.com. If you should have any questions then please feel free to email me and I will do my best to be of assistance. Finally, should you wish to listen to the digital version of the Mid-Winter broadcast, it can be found at <http://www.bbc.co.uk/programmes/p02tp3cv>. Kind regards, Mike Gloistein, ETO (Comms), RRS James Clark Ross (gm0hcq@gm0hcq.com)."

Interesting though a mildly frustrating reply from the British Antarctic Survey for the Mid-Winter SWBC xmsn. Not a QSL. (Ralph Perry-IL)

ERITREA 7175.00, 0305-0315, 27.7. Voice of the Broad Masses of Eritrea, Asmara. Vernacular ann, songs from Horn of Africa; QRM HAMS. 44333. (Anker Petersen-Denmark/PlayDX)

FINLAND 25000, Time Signal Station Mikes, Espoo, 1915-1923, 11-08, time signals, beeps with the seconds and silent at second 59. 14321. (Méndez-Spain/PlayDX)

FRANCE New address for RFI A recent card from RFI states that they have changed their address to 80 Rue Camille Desmoulins, 92130 Issy Les Moulineaux, France. (Allen Dean/British DX Club)

Upcoming frequency changes of RFI effective from Aug. 31

0500-0600 NF 9790 French, ex 15300
1200-1300 NF 17620 French, ex 15300
1200-1300 NF 21690 French, ex 17620
1600-1700 NF 15360 Hausa, ex 17615
1800-1900 NF 13740 French, ex 17850
1900-2000 NF 13740 French, ex 17850
2000-2030 on 11700 Hausa, ex 13695
(DX Mix, Bulgaria)

GERMANY Holland's Palet (Dutch Palette) presented by Wim Zonneveld and Ger Kruger is broadcast every week on Vahon Hindustani Radio on 1566 and is being relayed on SW 6005 via the facilities of Funkhaus Euskirchen in Kall-Krekel, Germany at 1800-1900 on Sundays from 12 July to 13 September according to the Funkhaus Euskirchen website. The programme plays Dutch and Flemish music of the past 50 years. Reports are welcome to:

hollandspalet@muurkrant.nl (<http://hollandspalet.muurkrant.nl/>). (Alan Pennington-UK/British DX club)

Good reception from Transportradio on August 6

0800-1000 on 6095 NAU Dutch Mon/Thu/Fri
(DX Mix, Bulgaria)

Germany's international broadcasting effort: It was 78 years ago, eight years after the end of Germany's disastrous Second World War and the collapse of the Nazi regime, when the country's radio network again began international radio broadcasts called Deutsche Welle with headquarters in Berlin and Bonn. It now broadcasts information and news in 30 languages. Its satellite television service offers channels in English, German, Spanish and Arabic. DW also runs its own center for international media education, the Deutsche Welle Akademie. In line with post-war Germany's political orientation, DW claims to pursue democratic and liberal policies "based on the rule of law." It also provides access to the German language for its audiences abroad, about 100 million people worldwide. I was a student at Miami University in Ohio when, on May 3, 1953, I heard West German President Theodor Heuss make the first shortwave broadcast on DW. With the reunification of Germany in 1990, the East German Radio Berlin International ceased, so that DW could take over transmitting facilities at Nauen near Berlin. By September 1994, the network became the first international broadcaster in Germany. Since then, the company's Internet news site has been offering daily coverage in seven core languages: Arabic, Chinese, English, German, Spanish, Portuguese and Russian. In 2007, Persian became the eighth focus language. In addition, DW offers programs in 23 other languages. German and European news are the network's central focus, but it also broadcasts world news and German language courses. In 2001, DW created a subscription television channel for North American viewers. The project, however, was shut down after four years when the number of subscribers did not justify the effort. It has since been replaced by DW's television channel, also a subscription service. The network continues to suffer from financial and staffing cuts. Its budget was recently reduced by about 75 million Euro over five years. Of the 2,200 employees it had in 1994, only 1,200 remain. In 2011, DW announced a major reduction of service including the closing of most of its FM services in the Balkans (except for Romania) but it also offered to expand its network of FM partners in Africa. Broadcasts for Hausa and

Kishwahili, as well as for French and Portuguese in Africa, were increased for FM broadcasts. DW also offers a daily regional radio magazine in English to be rebroadcast by partners in Africa. The network recently also announced that it would focus on FM partnerships for Bengali, Urdu, Dari/Pashtu and Indonesian for South Asia. In June of this year, DW's television launched a 24-hour English-language news channel with a new design and a new studio. The effort offers 30-minute updates every hour and 60-minute programs twice a day on weekdays. DW no longer uses any of the transmitters based in Germany. The DW's Akademie is an international center for media development and journalism training for partners around the world. The school offers an 18-month program for young journalists that provides editorial training in the three areas in which DW produces content: radio, television and online. The Akademie's master's program in International Media Studies is offered in cooperation with the University of Bonn. The four-semester program combines the disciplines of media development, media regulation, and communications. The seminars are held in English and German since the degree is aimed at media representatives from developing countries. (My Journal Courier via José Miguel Romero-Spain/PlayDX)

GHANA Ghana Broadcasting Corporation marks 80th anniversary: The Ghana Broadcasting Corporation (GBC) on Friday celebrated its 80th anniversary, taking its listeners and its website visitors through the evolution of the station. On Friday, various programmes were done including one in Hausa language, where the National Chief Imam, Sheik Osman Nuhu Sharabutu, offered Muslim prayers for the GBC. The Director General of GBC, Major (Retired) Albert Don Chebe, praised past directors and staff for bringing the station this far and pledged that the current generation of broadcasters would work hard to improve on set standards. GBC is the first radio station to be established in Ghana in 1953 by Sir Arnold Hudson, then Governor of the Gold Coast which is known today as Ghana. He was assisted by F. A. W. Byron, a British Radio Engineer, and transmission was through a rediffusion box. GBC is seen by many Ghanaians as the pace-setter when it comes to broadcasting, training prominent many Ghanaian news readers. (Star Africa via José Miguel Romero-Spain/PlayDX)

GREECE Voice of Greece continues to be heard with an irregular schedule, mainly on 9420. Other frequencies logged recently have been 9935 and 11645. During July DX Mix reports news in foreign

languages observed on 11645 between 0500-0600 [weekdays?] with 3-5 minute bulletins approximately as follows 0500 Greek; 0503 Serbian; 0509 Romanian; 0516 Spanish; 0526 Russian; 0531 Polish; 0536 Albanian; 0543 Italian; 0548 Arabic. Music is heard between each language. News in English has also been heard several times during July at around 1201-1206 on 9420. However SW is not always on the air at this time. (DX Mix, Dave Kenny-UK/British DX Club)

Voice of Greece 12 hours on SW from 1807, Aug. 19 until 0617, Aug. 20:

From 1807 on 9420 AVL Greek
From 1807 on 9335 AVL Greek, terrible audio & hum tone
(DX Mix, Bulgaria)

GUAM KTWR Agana Guam, new Interval Signal from end of July:

1500-1520 15110 English
(Ivo Ivanov-BUL, hcdx via wwdxc BC-DX TopNews Aug 14)

GUYANA Arthur Miller (in Wales) has been checking 3290 (the Voice of Guyana's frequency) from time to time. Twice, once when the (usual) hash QRM was absent, he's heard "something" there, but wasn't convinced it was a broadcast station. Both times (around 0030-0130) there was a repetitive song by a YL with either breaks in transmission or loss of signal due to deep fading, but no speech. Arthur adds that nothing heard through the QRM when checked at a later date around 0400. Yes 3290 is an annoyingly difficult channel here in the UK because of the interference. (Alan Pennington-UK/British DX Club)

INDIA Frequency change of All India Radio registered on July 20

1145-1315 NF 11845 DEL Chinese, ex 11855
1145-1315 on 15795 BGL Chinese, DRM mode
1145-1315 on 17705 BGL Chinese
(DX Mix, Bulgaria)

5050, AIR Aizawl, 1208-1310, Aug 04 and 14, playing light music, respectable signal, but mixing with Beibu Bay R (China); 1220-1225 segment in English, 1230-1235 with news and stock market news in English, which was clearly // AIR Shilong (4970); above average reception. Heard semi-

regularly recently. Off the air by 1336 and not heard again through 1348 check. (Howard-CA/DX Window)

If any listener notice any irregularities on All India Radio's SW service (both Home & External Service) may report to the following single email address: directorsmsair@gmail.com. This is a common email address which will eventually forward all mails to all the SW transmitter sites, control rooms and other important persons. If there is any wrong frequency or wrong feed or wrong programmes or even off the air or other irregularities please report to the above email address. (Dasgupta-India/DX Window)

Voice Asia: Sadly, our Shortwave frequencies were discontinued on May 6th 2015. You can still find us online via this website or our mobile apps. (Voice Asia Website via Ralph Perry-IL) Another one bites the dust. And this is unfortunate, as I often enjoyed listening to their deejay-style shows up on 31 meters during the DX season, local mornings. Just noticed this on the web page of The Voice Asia -- confirmation that they ended their shortwave transmissions in May. I hadn't heard anything about this previously. (Ralph Perry-IL)

INDONESIA RRI Merauke reactivated 3905; RRI Palangkaraya on 3324.88 and RRI Wamena on 4869.88 are the only three Indonesians currently active on SW. (Dave Kenny-UK/British DX Club)

9525.95, Voice of Indonesia, Jakarta, 1707-1801, 13-08, program in Spanish, news about Indonesia, "Comentario, 70 aniversario de la independencia de Indonesia", Id. "Esta es La Voz de Indonesia, el servicio internacional de la Radio República Indonesia", songs. At 1801 program in German. 45444. (Méndez-Spain/PlayDX)

Voice of Indonesia was back on shortwave on August 12, after more than five months absence from around March 1. But on August 12 with very low modulation. 1815-1855 on 9526 Chinese, instead of German. (DX Mix, Bulgaria)

Summer A-15 schedule of Voice of Indonesia:

1000-1100 on 9526 English
1100-1200 on 9526 Chinese
1200-1300 on 9526 Japanese
1300-1400 on 9526 English
1400-1500 on 9526 Indonesian

1500-1600 on 9526 Chinese
1600-1700 on 9526 Arabic
1700-1800 on 9526 Spanish
1800-1900 on 9526 German, in Chinese on August
12
1900-2000 on 9526 English
2000-2100 on 9526 French
(DX Mix, Bulgaria)

ITALY This message comes to you from Marconi Radio International MRI which, after an absence of more than 15 years, returned to the air on 15th August 2015 from a never used before transmitter site. Although the signal was weak, the station has already been heard in Bulgaria, Scotland and The Netherlands. We are a small Italian free radio which went on the air for the first time on 4th January, 1986. Currently we are airing test broadcasts quite erratically. Information on days and times of our tests will be sent in advance to shortwave community. The next test broadcast is scheduled today, 20th August 2015, from approximately 1630 to 2030. Our frequency is 11390 kHz, and power in the region of 30 watts. Test broadcast consist of non-stop music and station identification announcements in Italian, English, Spanish and Catalan but it is possible that old programs are aired, too. MRI welcomes reception reports from listeners. Audio clips (mp3-file) of our broadcasts are welcome! We QSL 100%. Our E-mail address is: marconiradio-international@gmail.com. We hope that you will share this information with your members. Thank you very much for your cooperation. Marconi Radio International (DX Mix, Bulgaria)

KOREA (NORTH) Updated summer A-15 SW schedule for Voice of Korea in English via Kujang (all 200 kW, except 3560 and 4405 15 kW). All transmissions are moved 30 minutes later effective Aug 15. Full updated summer A15 schedule of Voice of Korea:

0430-0527 on 4405, 7220, 9445, 9730 11735,
13760, 15180
0530-0627 on 13650, 15105
0630-0727 on 4405, 7220, 9445, 9730
1030-1127 on 3560, 11710, 11735, 13650, 15180
1330-1427 on 3560, 9435, 11710, 13760, 15245
1500-1657 on 3560, 9435, 11710, 13760, 15245
1630-1727 on 9890, 11645
1830-1927 on 3560 13760, 15245
1930-2027 on 7210, 9875, 11635, 11910,
2130-2227 on 3560, 13760, 15245
(Ivanov, Aug 14/DX Window)

KOREA KBS World Radio in Russian and English at 1300 on August 6

1300-1400 on 9645 KIM Russian
1300-1400 on 15575 KIM English
(DX Mix, Bulgaria)

KBS World Radio via Kimjae on August 19:

1600-1700 on 7275 Korean
1600-1700 on 9515 English
1600-1700 on 9740 Korean
(DX Mix, Bulgaria)

6015, KBS Hanminjok Bangsong 1, 1001, Aug 07, even with white noise jamming by North Korea, was able to hear the music program "Pops Freedom", in Korean with several IDs in English; the usual "Everyday English" language lesson, pop songs in English ("All By Myself"). (Howard-CA/DX Window)

KUWAIT R Kuwait missing on shortwave since the beginning of July. The only active transmitter on 5960, 7250, 11630, 13650 and 17550 no longer broadcasts. (Ivanov-Bulgaria/DX Window) English was on 15540 at 18-21 (Dave Kenny-UK/British DX Club)

KYRGYZSTAN 5130, Afghan Christian R, R Sadaye Zindagi, Krasnaya Rechka, 1658-1725, Aug 05 and 11, religious talk in Dari and hymns to Central Asia, re-activated after week absence, 25332. (Ivanov-Bulgaria and Pankov-Bulgaria/DX Window)

LITHUANIA Good reception of Radio Japan NHK World via Sitkunai:

0430-0500 on 6165 SIT Russian
(DX Mix, Bulgaria)

MADAGASCAR 6135, Radio Madagasikara, Antananarivo, 19:07-19:12, escuchada el 11 de agosto de 2015 em malagasy con emisi3n de m3sica pop mel3dica, locutora con comentarios, SINPO 24322. (Jos3 Miguel Romero-Spain/PlayDX)

MALI 5995, Radio Mali, Bamako, *0559-0612, 14-08, tuning Music, identification, French: "UCI Radio Mali emetant du Bamako", comments, Koran songs. 24322. (M3ndez-Spain/PlayDX)

9635, Radio Mali, Bamako, 1745-1800*, 21-08, Vernacular comments, tuning music, French, identification, close. 13321. (M3ndez-Spain/PlayDX)

MEXICO 6185, Radio Educación, México D. F., 0450-0515*, 23-08, Spanish, comments, music, identification: "Radio Educación", at 0501 relaying Radio France International news in Spanish. 14321. (Méndez-Spain/PlayDX)

MOROCCO (SPANISH) Radio Medi 1 on August 18:

0000-2400 on 9575 NAD Arabic/French. Contrary to previous day August 17 when no signal 0900-1700. (DX Mix, Bulgaria)

NEW ZEALAND Change the frequency of RNZI at 0458, Aug. 10:

Until 0458 on 15720 RAN All Pacific English
From 0459 on 11725 RAN All Pacific English
(DX Mix, Bulgaria)

NIGERIA Voice of Nigeria, Radio Deutsche Welle Pledge Better Cooperation: Nigeria's international radio broadcast organisation, the Voice of Nigeria (VON) and its German equivalent, Radio Deutsche Welle (DW), over the weekend agreed to strengthen their existing bilateral relationship with the objective of promoting socio-economic advancement of Nigeria and Germany. (Daily Times via José Miguel Romero-Spain/PlayDX)

9690v, 2200-2300, Voice of Nigeria (Ikorodu 250 kW 248 degr) (Wolfgang Büschel, Germany, wwdxc BC-DX TopNews Aug 4)

OMAN 9540, R Sultanate of Oman. 0320, Aug 03, English, ID: "Radio Sultanate of Oman FM", mainly techno music played, 25432. (Pankov-Bulgaria/DX Window)

15140, R Sultanate of Oman, Thumrait, 1600-1630, Aug 07, English to Western Europe, instead of Arabic. Also heard in Arabic 1800-2200. (Ivanov-Bulgaria/DX Window)

PAKISTAN PBC Radio Pakistan was back to its scheduled freq on Aug 17 from 1400-1430 on 15485 ISL in Urdu. Transmission is scheduled A-15 from 1330-1530, but today again was till 1430. (Ivo Ivanov-BUL, hcdx via wwdxc BC-DX TopNews Aug 17)

PALAU Frequency change of T8WH Angel 4 from August 1:

1430-1500 NF 11805 HBN English Sat/Sun, ex 11955
1500-1600 NF 11805 HBN English Sat, ex 11870/11955
(DX Mix, Bulgaria)

PAPUA NEW GUINEA The only PNG stations which have been reported as being active on SW recently are: NBC Milne Bay on 3365; NBC Southern Highlands on 3375; and Wantok Radio Light on 7325. (Dave Kenny-UK/British DX Club) 7324.96, Wantok Radio Light. August 7 & 8, checking before 1000 (when CRI signs on), I was hearing absolutely no hint or trace of any WRL carrier on this very clear frequency. Think they have taken one of their frequent, extended absences. I conclude therefore that 3275 (NBC Southern Highlands) and 3365 (NBC Milne Bay) are the only active SW stations operating from PNG, as heard Aug 8. Radio Fly (3915 & 5960) continues their long silence, although I do regularly check for their return. (Ron Howard-USA, wwdxc BC-DX TopNews Aug 8)

On 30 July 2015, Michael Samuga, NBC Provincial Radio Network Manager (Papua New Guinea), had this to say about the SW transmitter at Radio New Ireland: "Unfortunately our SW Tx in Kavieng has finally succumbed to age and lack of parts. NBC already has plans to bring back our SW service both on National and Provincial front, but the cost is pretty much a challenge which we will furnish to government for funding on a phased basis. The new SW Tx we are looking at are DRM compatible. As I said it's still in plan and I am in no position to give you a timeline." (Christoph Ratzer via A-DX/SWBulletin)

PERU 4774.92, Aug 1, 0140, R Tarma, Tarma Spanish ann, Peruvian songs - surprisingly strong. (Anker Petersen-Denmark/SWBulletin)

5015, Radio Juliaca "The Dean": 56 years transmitting a voice for the world: Radio Juliaca began on July 21, 1959, according RM No. 0033-59 of the "Permanent National Telecommunications Board" with signal on shortwave on 5015 kHz, call letters were OAX7Z in the 60 meter band, with investment of Zea Juan Gonzalez (former senator by the department of Puno). Official broadcasts began on July 27 of that year, with the support of Don Victor Garrido Urviola first radio journalist in Juliaca, who was the first director and conductor of the first Newspaper Radio, "Voice of Juliaca". In 1974, the government of Juan Velasco confiscated the station and was part of the National Radio Company (ENRAD PERU), directed by Willy Rivera Zegarra, then directed by Alfredo Guevara Araico. In 1979, the government of Fernando Belaunde returned the station to its owner. Don Victor Garrido Urviola. In June 1984, the Quintanilla family acquired the station. Today it operates in the city of Azángaro (90.9 FM), Yun-

guyo (105.9 FM) and Desaguadero (90.9 FM). (Los Andes via José Miguel Romero-Spain/PlayDX)

5025, QSL received from radio Quillabamba: I would have been more fun if it arrived in an envelope with neat Peruvian stamps on it, and blue and red edgings, but I'm not complaining. Nice confirmation e-letter received from Padre Ricardo Villegas, Director, Radio Quillabamba, after follow-ups via email for several reports over the past few years. First had friendly responses from him via Facebook messaging, promising a letter QSL, but nothing happened. Finally, nagged him a little more and he came through. Had a secretary take care of it, Carla Mondragon C., Administracion, RQ (administracion@radioquillabamba.com). (Ralph Perry-IL)

PHILIPPINES 9925, Radio Pilipinas, Tinang, 18:35-18:45, escuchada el 6 de agosto de 2015 en filipino, a pesar de estar anunciado en inglés, cuñas de ID "Radio Pilipinas", locutor y locutora con comentarios, anuncia Internet "www...", en paralelo por 12120 y 15190, SINPO 34343. (José Miguel Romero-Spain/PlayDX)

PIRATE (EURO) FRS-Holland will hit the airwaves on Sunday 30 August. That's almost exactly 35 years since the station's inaugural broadcast in 1980. Programmes will start at 1752 and will last until 2305. Frequencies are most likely to be 7700 (alt 7685) and 9300 (alt 9335). Web streaming at: <http://nednl.net:8000/frsh.m3u>. Reception reports and letters are much appreciated and will be verified with one of our QSL cards from our current series. E-mails to frs@frsholland.nl and for a hard copy write to: P. O. Box 2702, 6049 ZG Herten, the Netherlands. (FRS Holland/British DX Club)

Laser International heard back on 75 metres 9th July - frequency 4025. (Stuart Heathcock-UK) Focus International also heard early on 1st August around 0300 on 3945. (Alan Pennington-UK/British DX Club)

New EMR website! Dear Listeners, I am proud to announce my new and better website telling the complete history of the last 50 years of my radio interest. Please take a look and leave any comments. New EMR website is <http://www.european-musicradio.com>. New Internet stream will follow in September! Please note that the EMR email address has also changed to emrshortwave@gmail.com 73s (Tom Taylor/British DX Club)

ROMANIA Radio Santec continues to be heard in English Sundays at 1500-1530 on 15190 via IRRS (via Romania). Reports welcome to: Radio Santec, Postfach 1151, 97820 Markttheidenfeld, Germany. (Allen Dean-UK/British DX Club)

RUSSIA Today I received a letter from Sergei in my request to change the schedule of broadcasting of Comintern. Sergei plans to broadcast in the summer from 1500 for 1800, and in winter from 1200 at 1500. (Anatoly Klepov, RUSdx 19 July via BC-DX) Unofficial station supporting communist party. (Dave Kenny-UK/British DX Club)

I have got an e-QSL from Radio Comintern. On 6990, at 1730-1800. E-mail: 050353@mail.ru. A quote from the letter: "I send you greetings from our Communist Party. I want to please you, since recently our party from the media other than newspapers, Internet and radio them. Comintern appeared more red line channel, which broadcasts on satellite ABS. So now we're even more armed. Sincerely, Sergei, Rossosh, Voronezh region. <http://rossosh-kprf.narod.ru>. (Anatoly Klepov-RUS, RUSdx Aug 9)

6990, good reception of Pirate 'Comintern Radio' at 1618-1748 on August 12. (Ivo Ivanov-BUL, hcdx via wwdxc BC-DX TopNews Aug 13)

SAUDI ARABIA 15120, Saudi International R, Riyadh, 0951, Su Aug 02, talk in Bengali, ended with Assalamu'alaikum, choir, 24222. (Ashar-Indonesia/DX Window)

Good reception of Radio Saudi International

0900-1155 on 21670 RIY Indonesian (DX Mix, Bulgaria)

SOLOMON ISLANDS 5020.0, SIBC, Honiara, 0919-0947, Aug 07, "Derek Prince Legacy Radio" Christian religious program in English, 0925 program ID and contact info, into Solomon Pijin and playing pop Pacific Island music, 0947 series of Public Service Anns and advs, poor-fair, but 24 hours later was very poor. Also heard until -1203*, Aug 03 and 12. Thanks very much to Harold Sellers on Jul 31 report in DX-Window No 535: "Anthem ended by 1202:30 and carrier off at 1203:20." Yes, SIBC now has a timer to daily turn off their transmitter. (Howard-CA/DX Window)

SOMALIA 13800 CUSB, Puntland R 1, Garowe (020 kW / non-directional), 0726, Aug 04, Somali, weak signal. (Ivanov-Bulgaria/DX Window)

Reception of Puntland Radio One July 30 at 1146 & 1200 on 13800cusb. GRW 20 kW non-dir to EaAF Somali. (Ivo Ivanov-BUL, hcdx via wwdxc BC-DX TopNews Aug 4)

Good signal of Puntland Radio One on August 5 and suddenly off air 1420-1520 on 13800 GRW Somali and off air at 1535. (DX Mix, Bulgaria)

SOMALILAND 7120, R Hargeisa, Hargeisa, 1705-1815, Aug 04, Somali, Horn of Africa songs. (Ivanov). Also heard at 1840-1900*, Aug 04 and 14, Somali discussion, songs. Interference from HAM radio on the same frequency, 42433. (Méndez-Spain and Petersen-Denmark/DX Window)

SOUTH AFRICA 3320.00, R Sonder Grense, Meyerton, 0110-0120, Aug 01, Afrikaans talk, 25232. (Petersen-Denmark/DX Window)

SUDAN Reception of Voice of Africa, Sudan Radio on August 4

1730-1830 on 9505 ALF English (DX Mix, Bulgaria)

SWEDEN 7430.00, R Revival, Sala, Sweden (10 kW), only in AM and USB, *1200-1245, Sa Jul 25, E ID's: "This is Radio Revival ... from Sweden", Swedish talk about DX-Filateli, Letterbox, DX-Köp, special nostalgic programme about R Neiva, Colombia: Grimeton LW transmitter, 45333. (Petersen-Denmark/DX Window)

TAJIKISTAN 4765.00, Tajik R 1, Yangiyul, *2300-0040, Aug 08 and 09, March, Tajik ann, song by men's choir, talk over string folk music, 34233, QRM R Progreso, Cuba, fading in at 0030. (Petersen-Denmark/DX Window)

USA Updated SW schedule of Midnight in the Desert with Art Bell from July 20:

0400-0700 on 5085.0 TWW English Tue-Sat WTWW-2
0400-0700 on 6070.0 TOR English Tue-Sat CFRX
0400-0700 on 7490.0 BCQ English Tue-Sat WBCQ
in AM mode
0400-0700 on 9330.1 BCQ English Tue-Sat WBCQ
CUSB mode
(DX Mix, Bulgaria)

SW schedule of Hobart Radio International from New Zealand:

1600-1630 on 6070 ROB Sat August 8
0330-0400 on 5110vBCQ Sun August 9
0330-0400 on 9955 YFR Sun August 9
(DX Mix, Bulgaria)

WWV's 25 MHz Signal is Back on Original Vertical Dipole: Time and frequency standard station WWV's resurrected 25 MHz signal -- now back on the air for more than a year after going silent in 1977 -- is once again transmitting on a vertical dipole from its original antenna and location. The 25 MHz signal returned to the air on an "experimental basis" in April 2014, and it's been transmitting ever since. The WWV vertical dipole is not something you'd likely find in the average ham radio antenna farm. "The antenna the 25 MHz [transmitter] is on right now is the original antenna it was on in 1977," Matt Deutch, NORGT, WWV's lead electrical engineer, told ARRL. "When the 25 [MHz transmitter] was shut down [that year], the radiating section was removed and tossed in the bone yard, and a new longer section put on the tower to make it a 15 MHz stand-by antenna." Deutch said that when WWV first reintroduced the 25 MHz broadcast in 2014, it used a broadband monopole. It was later decided to use that antenna for WWV's 2.5 MHz stand-by transmitter, though. "So, we decided to rebuild the 25 MHz antenna," he recounted. "A few weeks ago the boys dug the 25 MHz radiating section out of the mud in the bone yard and rebuilt the 25 MHz antenna, so that it looks identical to what it looked like in 1977." Deutch said the 25 MHz WWV vertical dipole now is coupled to its own, dedicated transmitter, radiating 2.5 kW "with near zero watts reflected," he added, and modeling has showed that the dipole exhibits a lower angle of radiation than the broadband monopole did. "There is no automatic backup transmitter for 25 MHz at this time," Deutch added. The 25 MHz WWV signal had been operating at about 1 kW for the past 16 months. Deutch has said that WWV has received reports on the 25 MHz signal from across the Atlantic. The 25 MHz transmission not only provides another option to check your frequency calibration or the exact time, it also can serve to indicate the state of propagation on 12 and 10 meters. The 25 MHz broadcast includes the same information transmitted on all other WWV frequencies and at the same level of accuracy. (ARRL via Ron Hunsicker-PA)

UZBEKISTAN 7530.00, Stream of Praise Music Ministries, via Toshkent, *2100-2130*, daily, heard Jul 24 and 25, religious talks in Cantonese and occasional musical bridges. Chinese is also scheduled although not heard. This is a new station which transmits religious talks in Cantonese and is directed toward China. (Ford). Also heard *2059-2110, Jul 26, Music, Cantonese ID, ann, hymn, preaching, 45444. (Petersen-Denmark/DX Window) 7530, Stream of Paradise, Tashkent, 2100-2105, escuchada el 6 de agosto de 2015 en coreano a locutor con comentarios de presentación y segmento de música religiosa, SINPO 34443. (José Miguel Romero-Spain/PlayDX)

Strong reception of Stream of Praise Music Ministries:

2100-2130 on 7530 TSH Chinese or Cantonese (DX Mix, Bulgaria)

Transmissions of Bible Voice Broadcasting to Nepal are cancelled:

1530-1630 on 9400 TAC Nepali, no signal from July 15 (DX Mix, Bulgaria)

VANUATU 7260, 0405, Item in English about Eco tourism Poor to fair on 23/07. (John Durham-New Zealand/NZDXTimes) 7260a, 2023, Radio Vanuatu w/BBC EE news reports till cut abruptly 2024 and into local pops, fair in clear 24/6. Bislama news from 2030. Inaudible 24 hours later due solar disturbance. (Bryan Clark-New Zealand/NZDXTimes)

VATICAN Unscheduled broadcast of Vatican Radio in Croatian on August 19:

0525-0530 on 7250 SMG before Latin Mass at 0530
0525-0530 on 7250 SMG before Latin Mass at 0530 (DX Mix, Bulgaria)

ZAMBIA Voice of Hope Africa plans to begin regular programming in the near future. The schedule will be 0400-1700 on 6065 and 1700-2200 on 4965. (WRTH Update 25 June) This transmitter carried Christian Voice until its closure in 2012. (Dave Kenny-UK/British D Club

5915, 0455, ZNBC Lusaka fair w/talkback in dialect, EE commercials at 0500 then orchestral theme & ident for "Zambia National Broadcasting Corporation" 13/6. (Bryan Clark-New Zealand/NZDXTimes)


ZANZIBAR Poor signal of Zanzibar Broadcasting Corporation on August 4:

0300-0600 on 6015 DOL Swahili, QRM CRI on 6020 (DX Mix, Bulgaria)

Zanzibar Broadcasting Corporation (ZBC) with English news

1800-1806 on 11735 DOL English on August 19 (DX Mix, Bulgaria)

ZIMBABWE ZBC desecrates Gweru station, fires all journalists: The Zimbabwe Broadcasting Corporation today fired all journalists and majority of supporting staff at its Gweru based Voice of Zimbabwe station. The development could literally mean the station has been shut down. The station was in the build up to the 2002 elections during the first stint of Jonathan Moyo as Information minister. It was accessible on the short wave band and it is understood its establishment was meant to jam foreign-based stations that the Zanu (PF) regime believed to be hostile towards it while sympathising with the MDC ahead of the watershed polls. Sources at the station today pointed out that all employees working on the current affairs department that comprised of about 20 journalists were given letters informing them that their contracts had been terminated on three months' notice. According to the Zimbabwe Congress of Trade Unions, about 20 000 employees have lost their jobs since deliverance of a Supreme Court ruling that gives employers the right to fire employees upon giving them three months' notices. (The Zimbabwean via José Miguel Romero-Spain/PlayDX)

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 

Please Notice:

For faster service with address changes and inquiries about missing Journals, please email billoliver@verizon.net or write to NASWA, 45 Wildflower Road, Levittown, PA 19057. You can also call 215-945-0543. Material for NASWA Notes should be sent to Richard D'Angelo whose address appears on the Notes page

Pirate Radio Report

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

Shortwave pirate broadcasting continued at a very brisk pace once again during the last month. Shortwave broadcasting inevitably increases around major North American holidays. You ought to make your plans to listen to the increased pirate broadcasting activity that is certain to appear before, during, and after Labor Day at the beginning of September. This is a traditional big holiday as defined by pirate broadcasting activity. The next such big holiday will be on Halloween in October.

High late summer static levels can make it difficult to copy weak pirate signals at this time of year, but it is nevertheless common to hear large levels of pirate broadcasting activity during September.

Your pirate DX news and logs for this column are always welcome. Feel free to send them in so that others can follow trends on how and where others are hearing unscheduled and ever-changing pirate radio operations on shortwave. Pirate radio broadcasting on shortwave continues at a very brisk pace; mode is USB unless noted:

Abu Dhabi R. 6285 AM 2320-0028* 7/23-24/15 SIO=232. Europirate w/ prgm of pop & instr tunes. (Lobdell-MA)

Abu Dhabi R. 6250.6 AM 2355-0037 8/7-8/15 SIO=232. Europirate w/ prgm of guitar mx and polkas. (Lobdell-MA)

Akai R. 6305 AM 0014-0021* 8/2/15 SIO=333. Euro w/John Fogarty mx and OM anc giving EE and Dutch IDs. (Lobdell-MA)

Amphetamine R. 6925 0215-2313* 8/2/15 SIO=343. Prgm of Beach Boys and 4 Tops mx and USA NA at close. (Lobdell-MA)

Amphetamine R. 6925 2340-0113* 8/6-7/15 SIO=343. Prgm of rock mx w/several SSTV images mixed in. (Lobdell-MA)

Brocket 99 6930 2320-0021* 8/2/15 SIO=343. Funny parody of an Alberta indian

reservation stn w/rock and country mx. (Lobdell-MA) 2320-0021* 8/2/15 SIO=343. Ernie w/an entertaining prgm of nx, sports, and features. (D'Angelo-PA)

Burn it Down R. 6962 AM & USB 0046-0144* 8/17/15 fair to poor. Prgm of rock mx. (Taylor-WI) 0046-0144* 8/17/15 poor to fair. Prgm of rock mx and movie clips. (Hauser-OK)

Captain Morgan 6950 AM 0145-0205+ 7/21/15 SIO=121. Prgm of blues mx. (Lobdell-MA)

Captain Morgan 6924.2 0010 8/9/15 fair. Prgm of blues mx. (Taylor-WI)

Captain Morgan 6925 0010 8/9/15 SIO=232. Prgm of blues mx. (Lobdell-MA)

Captain Morgan 6950 AM 0106-0140* 8/14/15 SIO=232. Prgm of blues mx. (Lobdell-MA)

Channel Z R. 6150.5 0214 7/25/15 fair. Andy Walker show. (Taylor-WI)

Cold Country Canada 6969 0142-0206 8/14/15 SIO=333. Prgm of classic rock mx w/OM anc. (Lobdell-MA)

Cold Country Canada 6969 0116 8/15/15 poor. Badly copied prgm of mx & tlk. (Taylor-WI)

Free Thinker R. 6924.9 0117 8/21/15 fair. OM & YL anc. w/mx prgm. (Taylor-WI)

Liquid R. 6925.2 AM 0128-0223 7/25/15 fair. Prgm of contemporary dance mx. (Taylor-WI)

Liquid R. 6925.2 AM 0128-0223 7/29/15 fair. Prgm of contemporary dance mx. (Taylor-WI)

Liquid R. 6925.16 AM 0114 8/12/15 very poor. Mx prgm. (Hauser-OK)

- Liquid R.** 6925.2 AM 0123-0204+ 8/9/15 very poor. Prgm of contemporary dance mx w/OM ancr. (Cooper-PA) 0123-0204+ 8/9/15 fair. Prgm of contemporary dance mx. (Taylor-WI)
- Liquid R.** 6925.2 AM 0021-0240 8/21/15 good. Prgm of contemporary dance mx & other mx. (Taylor-WI)
- Old Time R.** 6770 2352 7/20/15 poor. Relay of very old radio prgm. (Cooper-PA)
- Old Time R.** 6770 1035 8/7/15 poor. Relay of an old radio comedy prgm. (Cooper-PA)
- Old Time R.** 6770 0139 8/9/15 poor. Relay of very old radio prgm. (Taylor-WI)
- Old Time R.** 6770 0039 8/18/15 very poor. Relay of very old radio prgm. (Hauser-OK) 0200 8/18/15 fair. Relay of an old Abbott & Costello radio prgm. (Cooper-PA)
- R. Crombi** 6390 AM 2337-2342 8/7/15 SIO=343. England europirate w/mx by Mr. Polska. (Lobdell-MA)
- R. Free Whatever** 6945 0246-0253 7/18/15 SIO=454. Dick Weed & Stavin w/rock mx prgm. (Lobdell-MA)
- R. Free Whatever** 6945 0246-0253 7/26/15 very good. Dick Weed & Stavin w/rock mx prgm. (Taylor-WI) 0201-0350* 7/26/15 SIO=454. Dick Weed & Stavin w/rock mx prgm. (Lobdell-MA)
- R. Free Whatever** 6945 0136-0140 8/7/15 S9+20. Prgm of pirate mx. (Hauser-OK)
- R. Focus Intl.** 6250.6 AM 2311-2355 8/8/15 SIO=232. Europirate w/pop mx; difficult copy in noise. (Lobdell-MA)
- R. Trump** 6935 0115-0123 7/25/15 fair to good. Audio clips of Donald discussing various political issues. (D'Angelo-PA) 0134-0025 7/25/15 fair. Audio clips of Donald w/SSTV image at close. (Cooper-PA)
- Ringo Shortwave** 6935 0026-0039+ 8/1/15 SIO=454. Ringo Star tunes w/OM ancr. (Lobdell-MA)
- Rocket 99 Shortwave** 6935 0100 7/25/15 fair. Prgm of mainly AC/DC classic rock mx. (Cooper-PA)
- SCR536** 6935 0028-0040 7/31/15 SIO=343. Old account of WW II fighting in Saipan and also D Day in Europe. (Lobdell-MA)
- Shortwave Ghost** 6975.4 0008 8/3/15 fair. Prgm of rock tunes and Hendrix USA NA at close. (Taylor-WI)
- Shortwave Ghost** 6955 2339 7/25/15 fair. Prgm of rock mx said to be prgm #12. (Cooper-PA)
- Shortwave Ghost** 6955 0008 7/26/15 good. Prgm of rock mx w/spooky sounds and Hendrix version of USA NA. (Taylor-WI)
- The Crystal Ship** 6876 AM 0132 7/20/15 good. Relay of a mx prgm de John Poet. (Hauser-OK) 0205-0247 7/20/15 good. Relay of 1980s classic mx prgm de John Poet. (Taylor-WI)
- The Crystal Ship** 6974.9 0210-0220 8/3/15 SIO=444. Prgm of rock oldies. (Lobdell-MA)
- Wolverine R.** 6935 0108 7/26/15 amazing. Prgm of mx w/women in song titles and SSTV image at close. (Taylor-WI) 0156-0200 7/26/15 SIO=454. Prgm of rock oldies tunes. (Lobdell-MA) 0113 7/26/15 good. Prgm of old time mx selections. (Cooper-PA)
- XLR8** 6955 2354-0005 7/16-17/15 SIO=232. Prgm of rock mx. (Lobdell-MA)
- XLR8** 6955 0129 7/19/15 fair. Prgm of rock, reggae, and electronic mx. (Taylor-WI)
- XLR8** 6955 2354-0005 8/6/15 SIO=343. Prgm of soul oldies mx. (Lobdell-MA)
- XLR8** 6955 2000-2030 8/11/15 SIO=343. Prgm of rock oldies mx. (Lobdell-MA)
- XLR8** 6955 0057 8/15/15 fair. Prgm of rock mx. (Taylor-WI)
- XLR8** 6955 0119 8/15/15 S9+5 in noise. Prgm of rock mx. (Hauser-OK) 

QSL Report

Sam Barto • 78 Blakeman Road • Thomaston, CT 06787

VERIFICATION OF RECEPTION

(QSL) form
VOICE OF AMERICA
Washington, D.C. 20237
USA

We are pleased to confirm your reception.

Date: Oct. 18, 2002

UTC Time: 0307 - 0335

Frequency: 7290
Site: Sao Tome Transmitting Station

VOA transmits programs to Africa from the IBB Sao Tome Transmitting Station located at Pinheira on the island of Sao Tome, which is 200 miles off the west African coast at the equator.

Richard A. D'Angelo
2216 Burkey Drive
Wyomissing, PA 19610-1553
U.S.A.



CHINA, PEOPLES REPUBLIC OF:
China Radio International
7350 via **Kashi** The station verified my email rpt. w/ an email reply in one day from Ying Lian (yinglian@cri.com.cn). She stated that a QSL card, stickers and a booklet about their website would be mailed to me. (D'Angelo-PA).

KOREA, REPUBLIC OF: KBS World
Radio 15575 The station verified my email rpt. w/ a f/d "Speak Korea, talk to the World" card which promotes its annual Korean language contest to encourage Korean language learners worldwide. Total time was 70

age and inspire Korean language learners worldwide. Total time was 70 ds. (D'Angelo-PA).

USA (Pirate): Radio Trump 6935 The station verified a f/d jpg attachment of a \$100,000 bill featuring Donald Trump's picture in one day for an email to: radiotrump@gmail.com. The email came from Jimmie Trump who noted "Thank you for your reception report of last night's broadcast."

STATION NOTES: IRIB World Service 6255 via **Sitkunal** v/s N. Edalat Manesh, Director de la redaccion espanola. Email: spanishradio@irib.com
The Mighty KBC 6255 via **Sitkuani** v/s Tom de Wil. Addr: Argonstraat 6, NL-6718 WT Ede, Netherlands. ...via PLAY DX...Sam.



IBB São Tomé Transmitting Station
São Tomé Island
Democratic Republic of São Tomé e Príncipe
WEST AFRICA

VERIFICATION OF RECEPTION

Mr. Richard D'Angelo
2216 Burkey Drive
Wyomissing, PA 19610-1553

Dear Mr. D'Angelo,

This letter confirms your reception of our transmission on 7290 kilohertz on October 18, 2002 at 0307 to 0335 UTC. Your written report accurately reflects our programming during that period.

The transmitter you heard is a 100,000 watts Thomcast. The antenna that was in use is a TCI dipole curtain.

Happy DXing.

Charles L. Lewis

Charles L. Lewis
Transmitting Station Manager
IBB São Tomé Transmitting Station

The race for President is now officially underway with this broadcast. For some reason we tripped the breaker here at Trump Plaza in NYC when the SSTV kicked in and by the time that it was reset and the computer rebooted ten minutes had passed and the Donald said the hell with it and then promptly fired the engineer! (D'Angelo-PA)
Wow! You actually got a one hundred thousand dollar bill. That's much better than the three dollar bill I got from Radio Hillary who can be reached at: Bill@igottabj.com ...Sam.

A rather short QSL Column this month but it is what it is. Until next month best of QSLing..Sam.

Sam

Contributors' Page

DEADLINE FOR CONTRIBUTIONS IS THE 10th OF THE MONTH

The following members sent in contributions:

Rich D'ANGELO, Wyomissing, PA
John & Sandra DAVIS, Columbus, OH

Jerry ERVINE, Mission, TX
Steve ERVINE, Mission, TX
Jim EVANS, Germantown, TN
Elliot FEINBERG, Brooklyn, NY
Glenn HAUSER, Enid, OK
Ron HUNSICKER, Wyomissing, PA
William McGUIRE, Cheverly, MD
Sheryl PASZKIEWICZ, Manitowoc, WI
Ralph PERRY, Wheaton, IL
David SMITH, Huddersfield, UK
David TURNICK, Sinking Spring, PA

RX340, Alpha Delta DX Sloper
R-390 & 391As, Mackay 5050A, WJ HF-1000A, 42'
Windom, 16' end fed

Teccsun 660, Icom R75, AOR LA380CHARSTYLE:> LOOP
Teccsun 660, Icom R75, AOR LA380CHARSTYLE:> LOOP
R75, RX340,E1, ICF-SW7600G, G6, 90' lw, ALA100M
Sangean ATS-880, Teccsun PL-660, indoor whip
FRG-7,DX-398/ATS-909, YB400, ICF SW-07
no equipment listed
DX-380
Grundig Sat 800, Eavesdropper
R8B, NRD-545, E1, 355' bi-dir LW
Elad FDM-S2, 6m indoor wire, Global 2000 ATU
RX340, WinRadio G31DDC, Alpha Delta DX sloper,
49m dipole




2000-5900 kHz

Tropical Band Loggings

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

- 2850 NORTH KOREA KCBS Pyongyang 1030-1040 (T); Noted first time this summer w/ weak audio; 7/15. (Wilkner-FL)
- 3289.9 GUYANA GBC Georgetown 0400-0408 BBC nx relay; 7/17. (Wilkner-FL) 3290 0822 M ancw w/ talk; lot of noise this morning on this freq; using LSB brought out a loud hum; 0924 re-check, choral mx; poor-JBA; 8/7. (Cooper-PA)
- 3310 BOLIVIA R. Mosoj Chaski Cochabamba 0948-1015 V. weak at first then sig improved w/ M ancw in Quecha; 7/16. (Wilkner-FL)
- 3320 SOUTH AFRICA R. Sondergrense Meyerton 2350-2357 Ballad; v. strong sig; 7/12. (Wilkner-FL)
- 3375 BRAZIL R. Municipal São Gabriel da Cachoeira 0933-0950 M ancw in PP; no music just talk under distant t-storm; 7/16. (Wilkner-FL)
- 4055 GUATEMALA R. Verdad Chiquimula 1008 W & M ancws; hymn at 1012; persistent low lvl buzz in the audio this AM; poor; 7/17. (Cooper-PA) 0929 IS; 0930 S/on ancments in SS & EE, contact info; poor; 8/7. (Cooper-PA)
- 4747.5 PERU R. Huanta 2000 Huanta 2340-2350 M ancw in SS w/ mx & talk; good sig during band scan; 7/15. (Wilkner-FL)
- 4810 PERU R. Logos Chazuta 0930 Beautiful, melodic flauta andina; best in LSB on the R8; continues w/ good sig in the lcl mornings; 7/16. (Wilkner-FL) 0937 M & W groups vcls; M ancw w/ (P) sermon at 0941; needed LSB mode due to CODAR; poor; 8/7. (Cooper-PA)
- 4875.2 BRAZIL R. Romaina Boa Vista 0837 M ancw w/ mx & talk; (P) PSA/ad; fair; 8/7. (Cooper-PA)
- 4884.9 BRAZIL R. Clube do Para Belem 0902 Bugle call iReveille; M ancw w/ talk between mx bit; f-p; 7/14. (Cooper-PA) 0830 Ballad; 0834 M DJ came on talking about iM' sical followed by an American pop song from the 60s sung in PP; fair; 8/7. (Cooper-PA)
- 4915 BRAZIL R. Daqui Goiania 0908 (P); M ancw w/ mx & talk; poor; 7/14. (Cooper-PA)
- 4939.65 PERU R. San Antonio de Atalaya Ucayal 2340-2350 (T); Weak sig en espa0ol; 7/15. (Wilkner-FL)
- 4940 CHINA V. of the Strait Fuzhou 1049 M & W ancws in CC; followed by instrumental mx at 1051; fair; heard here at my QTH for the first time in a month & a half; 8/3. (Brossell-WI) 1111-1117 M & W ancws in CC w/ an occasional few bars of mx; v. weak, threshold lvl sig; 8/12. (Evans-TN)

- 4960 **SÃO TOME VOA** Pinheira 0421-0437 EE prg w/ several M discussing African continent topics; W ancw ID at 0423, ancmnts & mention of iVOA News; another ID at 0430; f-p; 7/22. (DiAngelo-PA)
- 4985.5 **PERU R. Voz Cristiana** Huancayo 2340-2350 M en espanol; needed USB to avoid RTTY on 4985; 7/15. (Wilkner-FL)
- 5020 **SOLOMON ISLANDS SIBC** Honaira 1137 Mx; poor w/ 5025-Cuba splash; carrier still on at 1212 & still splashed by Cuba, which is lasting incrementally longer w/ latening sunrises; 7/16. (Hauser-OK) 1158 Strident preacher w/ closing devotional on, which is totally Christian, violating Separation of Church & State; 1200 W ancw w/ SIBC s/off ment, one MW & two SW freqs; 1201 NA; 1202 switch to rock mx but cut off the air in less than a minute by 1203*; I suppose that was a bit of Wantok FM, which they occasionally keep relaying all-night, but not lately; all the while w/ lots of splash from 5025-Rebelde, especially during mx; that is only going to worsen into fall & winter; 8/6. (Hauser-OK)
- 5085 **USA WTWW** Lebanon 0535 WTWW-2 is unusually on w/ rock mx; soon Ted w/ shoutouts to alleged listeners, first names only, & all in the USA, then playing an alleged request; is it really live?; 7/17. (Hauser-OK)
- 5830 **USA WTWW** Lebanon 0538 WTWW-1 w/ plug for an SFAW meeting of Christian men coming up, inviting applications for possible approval, mentioning days of week, but dates edited out, since this was probably recorded a decade ago; strangely, there is a weaker echo of all this audio two seconds after first heard; some kind of looping in the playback of very, very stale material, but sexism & racism are forever, they assume; 7/14. (Hauser-OK) 0528 As I tune across Pastor Pete Peters thinks he is on 5070, since as a dead person, he can't know that he would move from WWCR to WTWW long after this was recorded; 8/6. (Hauser-OK)
- 5890 **USA WWCR** Monticello 0541, WWCR-4 is off the air instead of Bro. Stair; audiblizing weak Cuban pulse jamming, which is "still" here, YEARS after VOA Spanish self-destructed, & was never on the 5890 air anyway at this hour; 7/14. (Hauser-OK) 

5901-30000 kHz

International Band Loggings


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

- 5020 **SOLOMON ISLANDS SIBC** July 14 at 1210, SIBC is still on and modulating with some music, presumably Wantok FM relay (Hauser-OK)
- 5885 **KOREA Korean Broadcasting Service** 1917 KBS DRM - German language, barely decoding 13dB 07/07 (Smith-UK)
- 5910 **FRANCE Radio Japan** Issoudun, 0413-0427 Jul 22, man announcer with talk in Japanese language. Several IDs at 0414 along with familiar theme music followed by Japanese pop music program. Good signal. (D'Angelo-PA)
- 5975 **FRANCE Voice of Hope** 0400 to 0402 with an ID at tune in by a woman in English, SINFO=35242, the overall merit was lowered because of the high noise level.. 5/29. (Davis-OH)
- 6020 **ALBANIA China Radio Int'l** 0101 to 0118 with an ID at 0111, SINFO= 55444, the Beijing Hour was noted at 0108, the announcer went on a rant implying that the whole South China Sea belongs to China . 7/4/2015. (Davis-OH)
- 6040 **BRAZIL Radio Clube Paranaense** Curitiba, 0045-0108 Jul 12, man announcer with long religious talk in the Portuguese language followed by several announcements beginning at 0056 until music fanfare, echo effect ID by a man announcer and some group singing. Poor to fair. (D'Angelo-PA)
- 6070 **CANADA CFRX** Toronto, 0300-0335 Aug 14, several News Talk 10-10 IDs with a woman hosting news feature followed by talk show. Fair signal. (D'Angelo-PA)
- 6080 **UNITED STATES Voice of America** 112EE, OM presenter American Pop Music34304/06 (Smith-UK)
- 6100 **UNREPORTED Int'l Radio Serbia** 1830- OM EE reading news 322 30/06 (Smith-UK)
- 6185 **MEXICO Radio Educacion** (XEPPM) Mexico City, 0107-0125 Jul 8, woman announcer with IDs and several mentions of Mexico hosting a discussion program in Spanish language featuring various men from remote locations discussing topics of interest. Fair signal. (D'Angelo-PA)
- 6754 **CANADA Trenton Military** (aviation weather), USB mode, 0032 to 0037 with an 0034 ID, SINFO=25332, there was no weather report for Vancouver at 0033., 6/20/15. (Davis-OH)
- 6935 **PIRATE Radio Trump** 0115-0123* Jul 25, several oldies selection with audio clips of Donald talking about climate change and other topics, IDs and Gmail address of radiotrup@gmail.com. Fair to good signal. (D'Angelo-PA)

- 7210 **ALBANIA China Radio Int'l** Cerrik, 2248-2307 Jul 14, woman announcer in Spanish language hosting a popular music program. Good signal and //7250 (Kashi) which was poor to fair. (D'Angelo-PA)
- 7210 **ALBANIA China Radio Int'l** 2300 on 6/25/15 with SS service. Good. (McGuire-MD)
- 7250 **CHINA China Radio Int'l** Kashi, 2253-2307 Jul 14, woman announcer with Spanish language talk hosting a popular music program. Poor to fair signal and //7210 (Cerrik) which was good. (D'Angelo-PA)
- 7350 **BOTSWANA Voice of America** 0515 to 0523 with an ID at 0516, SINFO=45534, Italy is giving temporary visas to all refugees so they can go to the rest of the EU to find jobs and receive social services. 6/17. (Davis-OH)
- 7350 **CHINA China Radio Int'l** Kashi, 2325-0012 Jul 14, English program with weather forecasts for much of Asian region followed by time check and mention listening to Beijing. Fair. (D'Angelo-PA)
- 7355 **ALASKA KNLS** July 16 at 1207, I try to hear KNLS' English hour, and do barely detect the KNLS theme music and something in English; at least no QRM on this, but incomparably weaker than e.g. CRI in Japanese on 7325 blocking Wantok Radio Light should it even be on (Hauser-OK)
- 7425 **SOUTH AFRICA Deutsche Welle** 0501 to 0514 with an ID at 0504, SINFO=25332, the Africa Link program. 6/17. (Davis-OH)
- 7425 **SOUTH AFRICA Deutsche Welle** 0500-0508 w nx, African Connection, poor signal 7/22/15 (Feinberg-NY)
- 8828 **UNITED STATES KVM-70** Honolulu Radio (aviation weather), USB, 0404 to 0408 with an ID at 0405, SINFO=25342, I heard the weather for Los Angeles at 0408, a. 5/14. (Davis-OH)
- 8957 **IRELAND Shannon Volmet** (aviation weather), USB mode, 0412 to 0416 with an ID 0415, SINFO=25242, the weather for Dublin, Ireland was given at 0413., 5/14. (Davis-OH)
- 9390 **THAILAND Radio Thailand** 1925 - EE OM Global News 444
- 9420 **GREECE Helliniki Radio Phonia** tentative, 2158 to 2203, Greek. SINFO=45232, I heard a male and female and then the signal was cut, 7/1. (Davis-OH)
- 9420 **GREECE Voice of Greece** 9420, August 1 at 0114, VOG with Greek music, but no // 9935 this time. However, at 0156 I find that same Avlis transmitter active on 11645 since it's putting out humbuzz/propeller noise atop the talk modulation which is // 9420, still no 9935 (Hauser-OK)
- 9420 **GREECE Voice of Greece** Avlis, 0235-0317 Aug 12, nice program of greek music hosted by a woman announcer with brief talks in Greek language. A man announcer took over program at top of the hour. Good signal. (D'Angelo-PA)
- 9500 **OMAN Radio Sultanate of Oman** August 3 at 0119, Qur'an at S9+25 as Radio Sultanate of Oman is on proper frequency tonight rather than 15140 or 9740 (Hauser-OK)
- 9510 **ITALY IRRS** 0808 IRRS Milano Nexus IBA - EE OM 60's Pop Music 333 04/07 (Smith-UK)
- 9520 **ROMANIA Radio Romania Int'l** 0000 on 7/9/15 with Romanian service. Good. (McGuire-MD)
- 9555 **UNITED STATES WRMI** 0039-0100 EE Man and woman discussing composers. 0041 man announced Panorama w/Swiss Radio and more. Then several women talking about fashion design. 0046 MX Bridge and man closing and more MX. WRMI SPORTS-BRITISH OPEN, into SS at 0100. Good (Ervine-TX)
- 9580 **AUSTRALIA Radio Australia** tentative, 1032 to 1044 with no ID, SINFO=45444, the announcer and some expert yammered on about dementia and Australian law. 6/24. (Davis-OH)
- 9690 **RUSSIA Radio Russia** call sign RRS, tentative, Samara. 0556 to 0601 with no understandable ID, Arabic or other similar language, SINFO=35534, I heard a song with a flute, drums, and sticks, a male announcer at 0559, 6/11. (Davis-OH)
- 9730 **ROMANIA Radio Romania Int'l** 0043 to 0056 with an ID at 0055, SINFO=25532, I heard several selections of classical music, their ID tape, and then a male announcer with frequencies, times, etc.. 7/3. (Davis-OH)
- 9740 **SINGAPORE BBC** 1046 to 1052 with an ID at 1047, SINFO=45444, forty people were killed in northern Nigeria, 6/24. (Davis-OH)
- 9745 **NORTHERN MARIANA ISLANDS Radio Free Asia** tentative, 1844 to 1903 with no ID, I heard a number of songs and no announcers, 5/24. (Davis-OH)
- 9770 **TURKEY Voice of Turkey** 0100 7/24/15 in Spanish. Good (McGuire-MD)
- 9800 **MADAGASCAR Deutsche Welle** 0440 to 0457 with a quick ID at 0444, SINFO=32542, I heard several interesting pieces: one was about a German town using wind turbines to reduce the cost of their electricity and the other gave information on the legality of the use of genetically modified seeds in the EU., 5/22 (Davis-OH)
- 9800 **MADAGASCAR Deutsche Welle** 0440-0450 w talk about the European and German economy, fair signal 7/20/15 (Feinberg-NY)
- 9830 **TURKEY Voice of Turkey** 2200 on 6/17/15 in English. Fair. (McGuire-MD)

- 9900 **UZBEKISTAN *Trans World Radio*** tentative, 0027 to 0100 with no understandable ID, Bengali, SINFO=35534, I heard a number of songs, maybe a telephone number, and a male announcer.. 6/2. (Davis-OH)
- 9925 **GERMANY *Mighty KBC*** 0105-0200 w rock mx including Beatles and Stones. New show with Eric van W at 0200, excellent reception on 8/2/15 (Feinberg-NY).
- 9935 **GREECE *Voice of Greece*** July 17 at 0218, big whine from V of Greece atop music, which is clear on good 9420. At least no more double audio echoing. Neither heard after 0500 when Wolfgang Büschel says they went off today (Hauser- OK)
- 9965 **EGYPT *Radio Cairo*** tentative, 2356 to 2359 with no understandable ID, Arabic instead of the scheduled English, SINFO=25532, I graded the overall merit down, because of the weak signal.. 5/31. (Davis-OH)
- 9975 **UNITED STATES *KVOH*** 0208 to 0214 with an ID at 0210, SINFO=55444, I heard more discussion of gay marriage decision by the U.S. Supreme Court, 7/1. (Davis-OH)
- 11510 **UNREPORTED *Denge Kuristana*** 1649 Denge Kurdistana (pres) - Dramatic music inc 'O Fortuna' 333 26/06 (Smith-UK)
- 11580 **UNITED STATES *Radio Slovakia Int'l*** via Radio Miami Int'l. , 0034 to 0049 with an ID at 0034, SINFO=45434, I heard about a Slovakian weekend school in London where the children learn their parent's language and customs, 6/21. (Davis-OH)
- 11580 **UNITED STATES *FG Radio*** via Okeechobee, 2300-2315 Jul 14, opened with nice ID ("Worldwide on shortwave, this is FG Radio") followed by news. . Very good signal and nice to hear a news report in English. (D'Angelo-PA)
- 11600 **CLANDESTINE *Denge Kurdistan*** Issoudun, 0304-0439 Aug 13, man announcer with Kurdish language talk hosting a program of seemingly non-stop Kurdish music. Nice ID at 0401 as a man began news program. Fair to good signal. (D'Angelo-PA)
- 11710 **NORTH KOREA *Voice of Korea*** 1321 to 1335 with an ID at 1326, SINFO=15441 and 25443, I heard the end of a commentary about Japan and then two songs sung by women with mellow instruments in the background.. 6/10. (Davis-OH)
- 11720 **VIETNAM. *Voice of Vietnam*** Hanoi-Xuan Mai (presumed), 1139-1140. Talk in Vietnamese by a woman. Very weak, threshold level signal. Other Voice of Vietnam frequencies heard with better than usual strength this morning. 8/12/2015 (Evans - TN)
- 11730 **UZBEKISTAN *Vatican Radio*** 0145-0158 w inspirational talk, nx 0150 including discussion of charitable efforts of Knights of Columbus, s/off, fair to poor signal on 8/5/15 (Feinberg-NY)
- 11740 **SINGAPORE *Radio Japan*** NHK World 1204 to 1211 with an ID at 1205, SINFO= 25442, the overall merit of the rating was reduced, because of the weak signal, 5/19. (Davis-OH)
- 11740 **SINGAPORE. *NHK Radio Japan*** 1131-1134. Talk in Thai by a man and a woman. Moderate signal strength with minor fading. 8/12/2015 (Evans - TN)
- 11750 **THAILAND *BBC*** 1223 to 1235 with an ID at 1229, SINFO=25442, the overall merit of the transmission was lowered because of the weaker signal, I heard about the people in Nepal still searching through the rubble.. 6/3. (Davis-OH)
- 11780 **BRAZIL *Radio Nacional da Brasilia*** tentative, 2030 to 2033 with no understandable ID, Portuguese, SINFO=25442, the overall merit was reduced because of the weak signal, I heard a male announcer speaking more loudly and quickly like at a sporting event. 5/24. (Davis-OH)
- 11780 **BRAZIL *Radio Nacional de Brasilia*** 0159-0206 w multiple IDs in PP, nx (noticias) and mx. Appeared to be two announcers, good signal on 8/5/15 (Feinberg-NY)
- 11780 **BRAZIL *Radio Amazonia Nacional*** 0104 PP Man talking about Brazilia. MX group vocal and more. Comes into the RGValley very good and is always entertaining. NX, etc. (Ervine-TX)
- 11795 **ROMANIA *Radio Romania*** 0300 EE IS ID. Man and lady talking about travels in the country. Then two ladies talking the International Voice Competition and opera. Man with mail bag also mention of boy scouts, MX and mention of QSL cards. 8/3 (Ervine-TX)
- 11810 **ASCENSION ISLAND *BBC*** 2042 to 2059 with an ID at 2050, SINFO=35232, I learned a great deal about the arrests of FIFA executives for taking bribes. 5/27. (Davis-OH)
- 11810 **ROMANIA *Radio Romania*** 1700 Radio Romania Intl DRM - News 25dB 23/06 (Smith-UK)
- 11815 **BRAZIL *Radio Brasil Central*** July 15 at 0536, R. Brasil Central with music, poor signal, but just a trace of crackling spur from RNA/RNB (Hauser- OK)
- 11905 **SRI LANKA *SLBC*** August 3 at 0116. SLBC prélude is underway at poor S3-4 level with flutter, and 2+1 mistimesignal ending at 0115:17 (Hauser- OK)
- 11905 **SRI LANKA *SLBC*** 8/5 0150 Hindi vocals good on PL606 with A OR loop. (Pasziewicz-WI)
- 11990 **PHILIPPINES *Voice of America*** 1457 (?) to 1500 with two IDs at 1459 and 1500, SINFO=35433, there was a woman speaking in Korean before the IDs, 5/11. (Davis-OH)
- 12005 **UNREPORTED *Radio Farda*** 1618 R Farda - Music prog then news. Persian language? 6/06 (Smith-UK)
- 12025 **AUSTRALIA *NBC National Radio*** Brandon, 0818-0852 Jul 9, coverage of the 2015 Pacific Games swimming events with numerous IDs s. Fair. (D'Angelo-PA)


- 12025 **AUSTRALIA NBC National Radio** Shepparton, 0700-0732 Jul 14, tuned in to catch ID and a woman with news in English. . Fair signal. (D'Angelo-PA)
- 12365 **AUSTRALIA Australia's Bureau of Meteorology** Radio Station VMC, 1101 to 1111 with IDs at 1103, 1104, and 1108, SINFO=35232, I heard weather forecasts for various places on the west coast 5/18. (Davis-OH)
- 12950 **TAIWAN Sound of Hope Int'l** tentative, 1113 to 1116 with no understandable ID, the location came from the Internet, Chinese, SINFO=32333, 5/18. (Davis-OH)
- 13110 **UNITED STATES WLO** USB, 1403 to 1412, with IDs at 1410 and 12, SINFO=25332, the overall merit of the signal was reduced because the signal was so weak 6/15/2015. (Davis-OH)
- 13570 **CHINA China Radio Int'l**, tentative, 1234 to 1237 with no understandable ID, Korean, SINFO=35544, I heard some interesting music, 5/16. (Davis-OH)
- 13580 **BANGLADSH Bangladesh Betar** 1813 Bangladesh Betar - External Service. Asian Music EE YL 444 05/06
- 13590 **CHINA China Radio Int'l**, 1140 to 1155 with an ID at 1154, SINFO=35433, I heard part of the Beijing Hour program with sports information and Int'l weather, 5/24.
- 13700 **UNITED STATES World Harvest Radio** 2030-2250 World Harvest Radio carrying Indianapolis Motor Raceway Net. Featuring the Brickyard 400s. Race ended at 2250. Well announced. 7/26 G. (Ervine-TX)
- 13725 **FRANCE Radio France Int'l** 0559-0620 w s/on, nx in EE, reported that Donald Trump is running for Pres of the USA, and that the Golden State Warriors won the NBA Championship, good signal but faded on 6/17/15 (Feinberg NY)
- 13800 **SUDAN Radio Dabanga** July 14 at 0526, R. Dabanga via MADAGASCAR, fair signal, no carrier/het jamming audible on hi side. (Hauser-OK)
- 13830 **TAJISTAN Radio Free Asia** tentative, 1211 to 1214 with no understandable ID, Chinese, a woman spoke softly with music in the background, . 5/22. (Davis-OH)
- 15120 **INDIA All India Radio** July 17 at 0212, 1 kHz tone, poor signal, 0213 wonderful AIR IS, 0215 opening a language listed as Kannada. It's 0215-0300, 500 kW, 300 degrees from Bengaluru; to be followed by Hindi, Gujarati and Hindi until 0530 (Hauser-OK)
- 15140 **OMAN Radio Sultanate of Oman** tentative, 1949 to 2001, with no understandable ID, Arabic, SINFO=25532, the overall merit was reduced, because of the very weak signal, I heard several interesting songs, 5/23. (Davis-OH)
- 15140 **OMAN Radio Sultanate of Oman** 2150-2159* Jul 19, man announcer with continuous Arabic language talk until carrier abruptly terminated ending the transmission. Good signal. (D'Angelo-PA)
- 15140 **OMAN Radio Sultanate of Oman** tentative, 2139 to 2156, with no understandable ID, Arabic, SINFO=55534, I heard music with stringed instruments in some songs, 7/1. (Davis-OH)
- 15150 **UNREPORTED Radio Dabanga** 1606 R Dabanga - OM Arabic language? //15550 333 07/06 (Smith-UK)
- 15245 **KOREA Voice of Korea** 1927 - Spanish language. Female singing.343 03/07
- 15275 **UNITED ARAB EMIRATES Deutsche Welle** 0501 to 0505 with an ID at 0502, SINFO=35433, the former president of Nigeria gave the new president a paper about the status of Nigeria. 5/29. (Davis-OH)
- 15275 **UNREPORTED Deutsche Welle** 0737 OM/YL EE Taylor Swift & Apple. Edith Piaf3 327/06 (Smith-UK)
- 15290 **JAPAN Radio Japan** 0859 NHK Radio Japan - Japanese language 444
- 15300 **FRANCE Radio France Int'l** tentative, 1925 to 1932 with an ID at 1930 (?), SINFO=25452, the overall merit was reduced, because of the weak signal. 5/17. (Davis-OH)
- 15345 **ARGENTINA Radio Nacional** 15345.09 approx., JBA carrier, presumed R. Nacional on late week-end sked at 0133 UT Aug 2 instead of RAE 11710.4v (Hauser-OK)
- 15450 **TURKEY Voice of Turkey** 1236 to 1243 with an ID at 1242, SINFO= 25432, the overall merit was reduced, because of the weak signal, Turkey just made a huge payment to the IMF, 6/3. (Davis-OH)
- 15450 **SPAIN Radio Exterior de Espana** 2016 to 2019 with an ID at 2116, Spanish, SINFO=25532, rated down, there was an upbeat song with the announcer speaking over it, 7/6. (Davis-OH)
- 15490 **SPAIN Radio Exterior de Espana** 2200 on 7/1/15 in SS. Good. (McGuire-MD)
- 15495 **GERMANY Voice of America**, tentative, 1610 to 1631, no understandable ID, Tibetan, SINFO=35232, the noise was the reason for the "2" overall merit rating, 5/14. (Davis-OH)
- 15570 **VATICAN Vatican Radio** 2021 to 2027 with an ID at 2025, SINFO=25532, the overall merit was reduced because of the weak signal, I heard information about children being victims of sexual assault during war, 7/6. (Davis-OH)
- 15570 **VATICAN Vatican Radio** 2004 to 2007 with an ID at tune in, SINFO=25543, a woman talked about the Tower of Babel, 5/23. (Davis-OH)

- 15575 **SOUTH KOREA Korean Broadcasting System** 1336 to 1344 with an ID at 1343, SINFO=35444, I heard part of a Korean language lesson, and then a desChina Radio Int'lption of a beautiful island., 6/10. (Davis-OH)
- 15590 **THAILAND Radio Thailand** 0016-0029* Jul 21, fist time noted in several months with familiar English language news, promotional events, features and PSA's. Seemingly gone when change antenna at bottom of the hour. Poor signal. (D'Angelo-PA)
- 15590 **THAILAND Radio Thailand** 0008-0013 nx and comm'ls, reception poor on 7/19/15 (Feinberg-NY)
- 15595 **VATICAN STATE Radio Vaticana** 1620 - EE OM Current Affairs 34316/07(Smith-UK)
- 15700 **CUBA China Radio Int'l** 1520 to 1528 with an ID at 1527, SINFO= 25432, the overall merit was reduced, because of the weak signal, I heard the weather for China and Asia, 7/7. (Davis-OH)
- 15720 **NEW ZEALAND Radio New Zealand Int'l** tentative, 0000 to 0019 with an ID at 0014, SINFO=35232, the noise level was unbelievable (Davis-OH)
- 15720 **NEW ZEALAND Radio New Zealand Int'l** 0501-0511, nx, but reception was most unusual because carrier dropped and then switched back and forth between 15720 and 11725 at least 3 times. QSL report noting this fact sent via e-mail, no reply received to date. Reception fair on 7/16/15 (Feinberg-NY)
- 17615 **EAST TURKISTAN China Radio Int'l** August 3 at 0535, CRI in German but folk songs, apparently Tibetan as mentioned, good with flutter and about 2 seconds later on 17720, same reception. For German at 05-07, 17615 is Urumqi, 17720 Kashgar, both 500 kW, 308 degrees. Trans-polar overnight conditions are picking up (Hauser- OK)
- 17660 **SOUTH AFRICA Radio France Int'l** tentative, 1916 to 1930 with no understandable ID, French, SINFO=25432, the overall merit of this rating was reduced, because the signal was so weak, 6/22. (Davis-OH)
- 17760 **THAILAND BBC** 1110 to 1116 with an ID at 1114, SINFO=35444, the Arts Hour, I heard part of an interview with a poet and part of a poem, 5/16. (Davis-OH)
- 17840 **AUSTRALIA Radio Australia** Shepparton, 2207-0112 Jul 19, woman announcer hosting news program featuring numerous cutaways to various speakers. Poor signal. Stayed with this for a while but signal never improved much peaking at poor to fair. (D'Angelo-PA)
- 17870 **UNITED STATES Voice of America** 1600 Radiogram #114 - MFSK32 mode 333 6/06 (Smith-UK) 

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. While the existence of the group is visible to all Facebook users, the online postings are available only to group members and group members must be NASWA members. Comments and suggestions from the membership are welcome. To locate the NASWA Facebook page, simply enter "North American Shortwave Association" into the search box on the top toolbar. If you are into social media, give it a try. 

NASWA Yahoo Group

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

On the Shortwaves

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

< www.ontheshortwaves.com > Update, July 26, 2015 -- We have already posted material about the two 1939 DX conventions in San Francisco: the "IDA DX Festival," July 8-11, which was sponsored by the International DXers Alliance; and the "World DX Convention," July 11-14, which was sponsored (or at least promoted) by the Universal Radio DX Club. Now, under "DX History/Clubs & Publications," we have another piece of DX memorabilia, issued in connection with the July 11-14 meeting: the "Treasure Island All-Wave Radio Log." The inside spread is a "Western World-Wave Station Log," listing many shortwave stations, with times and frequencies, along with a list of English-language news broadcasts. The outside pages contain broadcast band information. The exact origins of this item are unclear. The cover says it was compiled by "the western representatives of the country's leading DX Radio Clubs." Inside, comments to an unnamed "Secretary" at a Berkeley, California address are solicited. Treasure Island was the San Francisco location of the 1939 Golden Gate International Exposition ("world's fair").

< www.ontheshortwaves.com > Update, August 2, 2015 -- Under "Specialized Resources/The Hammarlund Short-Wave Manual," we have added the next two editions, 1936 and 1937. And under "Specialized Resources/Wavescan," we have posted Adrian Peterson's "Atomic Radio" (Wavescan N335, July 25, 2015), which tells the story of radio and the Bikini atomic tests of 1946.

< www.ontheshortwaves.com > Update, August 9, 2015 -- If you were DXing in the 1950s and 1960s, you probably remember the name of well-respected Wilmington, Delaware DXer George R. Cox. Under "DX History/People," we have posted two items from *Popular Electronics* of that era: an article about George, and an article by George about tropical band DXing. -- Also under "Specialized Resources/Wavescan," Adrian Peterson completes his discussion of radio on Molokai in "The Radio Scene on the Happy Hula Island - 2: The Radio Story on the Island of Molokai in the Hawaiian Islands" (Wavescan N336, August 2, 2015).

< www.ontheshortwaves.com > Update, August 16, 2015 -- This time, under "Specialized Resources/The Hammarlund Short-Wave Manual," we have added copies of the 1938 and 1939 manuals. And under "Specialized Resources/Wavescan" you'll find these two new articles by Adrian Peterson: "Focus on the South Pacific: Alphabet Soup in New Zealand ZLB" (Wavescan N337, August 9, 2015), and "Dog Island Radio" (Wavescan N337, August 9, 2015).

< www.ontheshortwaves.com > Update, August 23, 2015 -- If, like me, you miss hearing HCJB regularly on SW, take a walk down memory lane with our HCJB Tribute Page, posted under "DX History/Stations." We have pulled together much HCJB memorabilia, including literature produced by the station (some of it dating back to the 1940s and 1950s); various articles about HCJB; audio and video pieces about the station; HCJB QSL-cards, pennants, stickers and philately; the covers of several books and LP records about HCJB; and a bunch of HCJB souvenirs. In addition, we have posted PDF copies of all 179 issues of ANDEX International, the ANDEX club newsletter, along with an extensive index. We would like to make this page as complete as possible, so if you have any other material that you would like to see posted here, please let us know. -- Also this week, under "Specialized Resources/Wavescan," we have two new entries from Adrian Peterson: "Return to Nepal: Radio Broadcasting from Mt. Everest" (Wavescan N338, August 16, 2015), and "Focus on the South Pacific: Australian Shortwave Callsigns, VLD" (Wavescan N338, August 16, 2015).

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