

The **NAWA** Journal

VOLUME XLXIII NUMBER 9

SEPTEMBER 2014



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List #625.00 Order #6020 \$499.95

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Steve Handler has had to step down as the club's Distribution Editor. This month is his last month in that role. Before taking over the distributing editor position, Steve capably served as our International Band Log Report editor. While in that role, Steve also coordinated the update to our outdated abbreviations list. In Steve's words, "I am sorry to say that due to personal and professional commitments I have to step down as the distribution editor." Steve, thanks for the great service to the club and we look forward to continuing to see your excellent contributions in the pages of *The Journal* each month.

Executive Council met to discuss the position of Distribution Editor with ample input from the outgoing editor. It was determined that now is a good time to eliminate the position of Distribution Editor. The position was created many years ago in a world where paper, postal reports dominated the hobby. The use of a Distributing Editor made it simpler for the many active club members that used that route to get material to the editorial team. However, as time marches on so does the needs of the membership at large. Although this will require some change for those still using this serve, I am hopeful that the change is not something that would cause anyone to stop reporting to the club. Effective immediately, all reports to all editors should go directly to the individual column editor. Thanks.

Horacio Nigro in Uruguay sent word through DXplorer that well-known Argentinian DXer **Julian Anderson** has passed away on August 6th in Buenos Aires. During the 1980s into the 1990s Julian was a major source of news and information about Latin American shortwave broadcasting stations. It was a boom period and he was a major supplier of quality DX news from the region. Sri Lankan

DXer Victor Goonetilleke noted, "I can hardly believe what I am seeing. He was so full of life and posted so much on face book and we interacted much. This is very, very sad news. What a wonderful man he was and a great DXer. We have lost a friend that cannot be replaced. Our deepest sympathies and we are in thought and prayers with his family who shared this great man with us. May he rest in peace and his memory last for a long longtime." Anker Petersen noted, "Julian was born in the U.K., but lived in Argentina where he was a very active DXer. In 1991 he took over the editorship of the DSWCI Tropical Bands Survey (TBS) from Hans van den Boogert residing in Taiwan. Julian was a competent editor of the TBS for four editions, but then I lost contact. When I visited Buenos Aires in March 1995, I was unable to get contact with him, so I decided to take over the editing of TBS, which later has been replaced by the DBS (Domestic broadcasting Survey)."

Kari Kivekäs, Secretary General of European DX Council (EDXC) sent out a reminder about the EDXC Conference 2014 to be held in the Southern France on 19-22 September 2014. The first part of the conference (19-21 September) will take place in a beautiful small village Saint-Dalmas de Tende situated approximately 80 km North-East from Nice. The latter part of the conference (21-22 September) will take place in the city of Nice. The preliminary programme includes Friday evening Brazil travel 2013 with Dario Monferini; Saturday morning EDXC topics with Kari Kivekäs; News from New Zealand and South Pacific with David Ricquish; Saturday afternoon the role of broadcasting in North Korea with Mark Fahey. Many more activities, including a banquet Saturday evening, are planned including some tours and radio station visits. If you have anything to ask, please, do not hesitate to contact Kari ksk@

sdxl.org or the main organizer **Mr. Christian Ghibaudo** chr.ghibaudo@gmail.com. More information can be found also on EDXC blog www.edxcnews.wordpress.com.

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 24. Thanks to all contributors.

Vince Henley, KB6GV, KPC7GV, 4306 Shelby Court, Anacortes, WA 98221

I have fallen into bad habits, and it is all the fault of radio. I've been a Ham and a Short-wave Listener forever, at least for sixty years. I've recently been developing new radio habits and perhaps they aren't the best ones. First I became interested in "Ultra-Light" radio and acquired a new receiver that meets the criteria for that part of the hobby. Then I became obsessed with Ferrite Sleeve Loop Antennas for the AM broadcast band and below, and found myself buying ferrite rods from the Russians and Litz wire from the Chinese, not to mention unusual plumbing parts, Yoga mats and Vernier reduction drive variable capacitors. Don't ask. You'd be surprised what goes into antenna construction these days.

I found myself staying up late at night in bed with headphones on, listening to stations down in the mud as the terminator moved farther away and the D-layer dissolved until I have managed to detect and identify stations on the AM band for nearly every ten kilohertz channel. Then I began applying Ultra-Light principles to shortwave listening. That was a really bad idea, and it became addictive.


Limiting myself to only the 21.5 inch (0.546 meter) collapsible antenna on my Tecsun PL-380, I begin listening around 0600 UTC and continue until I fall asleep. Normally I can find about twenty-five or more stations strong enough to be heard clearly and identified at that hour, including the usual religious broadcasters, China, Cuba, BBC and many others. For pure interest and enjoyment, RNZI at 11725 beginning at 0500 is a pleasure to listen to. I find it disconcerting to hear weather reports about snow levels sinking down to 300 meters in July and August, but I know it is their winter now.

After falling asleep, I generally awaken and begin listening again around 1330 UTC and find that I can sometimes find and identify many more stations across the SW broadcast spectrum, often sixty or seventy of them, although it frequently turns out that it is the same broadcaster on multiple frequencies. As the gray-line moves, stations change frequencies, abandoning those that no longer suit their purpose and starting up on others. A frequent scan is essential, especially right at the top of the hour when they tend to make these changes and provide positive identification. There are news and talk programs, propaganda, music and yes, jamming, from across the globe. We have Australia, Japan, Korea (two species), China in blithering abundance, the BBG (VOA), BBC, Taiwan, Cuba, sometimes a Middle-Eastern country, and of course, the religious broadcasters. I listen to some of these religious broadcasters from time to time just to verify station ID, but I often feel that if I listened any longer I would throw the radio across the room. Who believes this stuff? Do these people ever sleep? I'm not anti-religious by any means and have experience and education in the field, but some of this is rhetoric beyond the pale. I would not for a moment suggest that these broadcasts cease as they lend variety and depth to the tapestry of shortwave listening. Long may they live.

My wife, who knows I love this radio hobby, fails to comprehend why any adult would spend time trying to pull intelligence out of what she perceives as random noise and chaos, but she is tolerant. She doesn't think I need any more radios, but when another one mysteriously shows up at the door from FedEx or UPS, she is understanding. She is sufficiently understanding that in the morning here, between 1400 and 1500 UTC, she brings me hot tea, and often a refill as I listen to the fading signals as the ionosphere changes into its daytime mode and the frequencies shift again. On Saturdays, I frequently go out listening to Radio Australia's (ABC) last bit of news and then "Saturday Night Country" with Catherine Britt. It's time to come back to Earth and get on with the day. Maybe this isn't such a bad habit after all.

I'm beginning to search out "utility" stations and I see a new phase of the hobby approaching. I think I can begin to disguise really cool SDR radios as computers and perhaps it will be a while before my wife discovers that I have acquired even more equipment. Do virtual radios really count? Perhaps not.


Davis Yetman, <Yetman@Earthlink.net>

I have a non working Sony ICFSW7600 radio — it is in excellent shape but I believe a malfunctioning power brick damaged the input power circuit. Net — I think it is fixable (not by me) or could be a good source of parts for anyone who needs them. I can include the power supply too although I think it is not working properly. If any of the NASWA members would be interested in it — I would ship it for free to anyone who wants it. 

NASWA Flashsheet

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

NASWA Facebook Page

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

Listening Review

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

Hello and welcome to the Listening Review for September.

I'll start this month with a couple of program recommendations from Glenn Hauser in *DX Listening Digest*.

WWCR, USA

WWCR 15825, August 2 at 1455, neat old tunes on *The Talking [sic] Machine Show* from WWCR; frustratingly, Phil Patton gives the year the wax cylinder was made, 1916, but **not** the name of the song nor the composer, nor performer! The next one is faded out at 1459 before there can be another incomplete outro, let alone a program closing. Host is an engineer, not an experienced announcer, yet this is the only WWCR show worth listening to on WWCR. They still haven't put up an August program schedule, but the latest dated June 20 shows for TTMS: Sat 1000 4840, Sat 1430 15825, Sat 2300 9350, Mon 0400 4840 (Glenn Hauser, via *DX Listening Digest*)

WRMI, USA

Jeff White points out that there is now a schedule grid for all the 'F' blox [or "System F" programming] which are attributed to Family Stations, colored red on the graphic frequency schedule. This program schedule is not on the same page as the 9955 programming, but just below the frequency schedule grid, current URL: https://docs.google.com/spreadsheets/d/1nEVwCMB9RSKowLzLXamyayVpCzjmPAw_SB1r3Y0dzQc/edit?pli=1#gid=0 which I have tinyurled to: <http://tinyurl.com/kjchqca> or reached thru homepage <http://www.wrmi.net> > programming > transmission schedule. Note: if you have downloaded previous frequency schedules, you may get an old one which still exist on the web at different incredibly complex googURLs.

From that, the DX programs on WRMI frequencies other than 9955 [are as follows]:

- *Historias de Radio*: Mon 0430-0500; Fri 0130-0200
- *Antena DX*: Thu 0430-0500; Sat 0100-0130
- *Viva Miami*: Fri 0430-0445; Mon/Wed/Fri 1015-1030; Wed & Sat 2115-2130, Thu 0130-0145
- *Frecuencia al Día*: Fri 0100-0130; Sat 0430-0500
- *Wavescan*: Sat 1000-1030; Sun 0130-0200
- *Media Network Plus*: Tue 2100-2200
- *La Rosa de Tokio*: Mon 2100-2200; Tue 0100-0200
- *World of Radio*: Fri 2130-2200; Sun 0100-0130

Some other programs of interest:

- *Blues Radio International*: Tue 0430-0500; Thu 2130-2200; Sat 0130-0200
- *Trova Libre*: Wed 0430-0500; Mon 0100-0130
- *Acontecer Venezolano*: Thu 0145-0200; Fri 0445-0500
- *EU News*: Tue & Thu 1015-1030; Wed 2100-2115; Sun 2115-2130
- *From Moscow With Love*: Wed 2130-2200
- *RFI Musique*: Wed 0100-0200, Thu 0100-0130

Frequencies for 'System F' broadcasts:

0100-0200 5950, WRMI-13, 181 degrees

0430-0500 5985, WRMI-2, 222 degrees

1000-1030 5850, WRMI-8, 355 degrees

2100-2200 15770, WRMI-9, 44 degrees

2100-2200 7570, WRMI-11, 315 degrees

(Glenn Hauser, OK, DX LISTENING DIGEST)

China Radio International

You can often come across traditional Chinese music broadcast in most language services of CRI – but for some reason not in English language programs. Some years ago, this question was asked of CRI in their (now defunct) Listeners Garden program – the reason given was that there was no available slot in their schedule for such a program. Perhaps it's time to ask again – the Sunday slot of World According to Words would be ideal!

An example is 16 August, where I start the evening with a random scan and settle on 11895kHz (via Xian) at 1845UT where there is some traditional Chinese music to enjoy with a little talk in a local language (listed in EiBi & AOKI as Chaozhou). An enjoyable ten minutes until the transmission ended at 1857UT (perfectly timed tx off immediately after the CRI theme).

Thirty seconds later the Kashi transmitter comes on air on the same frequency with CRI in (listed) Cantonese. Following a (presumed) news bulletin, the broadcast continued with a program of Chinese modern ballads. Again – an enjoyable program, and so much more enjoyable (for me) than the bi-lingual Global Chinese Music in the English service which is really just a run-down of the latest “Top Twenty” hit parade with snippets of the songs.

The China Radio International website is, unfortunately, a bit of a mess – it's very difficult to navigate, and this is not helped by the various branding being used by different parts of CRI. You would think that at the very least there would be an easy to find shortwave program schedule – but no. There

is one, labelled as “Program Schedule for AM1008 in Beijing”, but it's both incomplete and out of date. So here is my monitored 24/7 program schedule (actually not quite monitored for 24/7 – I have had to make a few assumptions – but I think it's accurate).

CRI English broadcasts consists of 4 different blocks of 1 hour programs each day as shown below.

Note that the Sunday edition of *The World According to Words* is a repeat of the Saturday edition; recently however these have all been repeats of programs first aired in 2012 and 2013 and I'm not sure if there have been any new programs produced for some months now. *Global Chinese Music* is presented in English and Chinese and was introduced a few months ago replacing the second weekly (Sunday) edition of *Heartbeat*. China Horizons was renamed *Horizons* at around the same time.

All Broadcasts

00-05 Daily: *News*

05-55 Daily: *Features* – see below

55-59 Daily: *Chinese Studio*

Block A

05-30 Sun: *Global Chinese Music*

Mo-Fr: *People in the Know*

Sat: *Heartbeat*

30-55 Sun: *Horizons*

Mon: *Frontline*

Tue: *Postcard*

Wed: *In the Spotlight*

Thu: *Voices from Other Lands*

Fri: *Life Up Close*

Sat: *Biz Buzz*

Block B	1200-1300: Block A
05-55 Mo-Fr: <i>The Beijing Hour</i>	1300-1400: Block C
05-30 Sa-Su: <i>News and Reports</i>	1400-1500: Block D
30-55 Sat: <i>World According to Words</i>	1500-1600: Block B
30-55 Sun: <i>World According to Words</i> (rpt)	1600-1700: Block C
Block C	1700-1800: Block D
05-55 Daily: <i>China Drive</i>	1800-1900: Block A
Block D	1900-2000: Block B
05-55 Daily: <i>Roundtable</i>	2000-2100: Block C

These 1-hour programming blocks are repeated throughout the day as follows:

0000-0100: Block A

0100-0200: Block B

0200-0300: Block A

0300-0400: Block B

0400-0500: Block A

0500-0600: Block B

0600-0700: Block A

0700-0800: Block B

0800-0900: Block A

0900-1000: Block B

1000-1100: Block A

1100-1200: Block B


2100-2200: Block D

2200-2300: Block A

2300-2400: Block B

I haven't listened much to CRI's weekday programming for some time, concentrating mostly on the weekend programs. Horizons remains my favorite weekend program. I'll try and make time over the next couple of months to listen to more of their weekday programming and review them later in the year.

Do you listen to any of CRI's programs, whether that is in English or any of the other language services? If so please let us know what you like (or dislike) about their programs. I would be very interested to hear from you!

I would like to receive your comments on what you've been listening to, so please drop me a line at alan-roe@tiscali.co.uk, or by traditional post to 33 Atbara Road, Teddington, Middlesex, TW11 9PA, UK. That's all for this month. Until next time: 73 - Alan 

FOR SALE: Grundig G-40000A receiver and MFJ -959-c antenna tuner preamp. All like new for \$70.00. Stanley Cabral, 2254-62 Ave, Oakland, CA 94605. Phone (510) 562-0632.

International Broadcasting

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Amazing what shortwave can do, given the chance

To tell the truth, I haven't read the U.S. Broadcasting Board of Governors shortwave committee report yet. Nor have I watched the video of the BBG meeting on August 13, during which the shortwave committee's findings were discussed. From what I heard, the conclusions are downbeat about shortwave. Why invoke heartburn, or worse, reading and listening to such wisdom?

I do know this: China is ferociously blocking the Internet content of Voice of America, Radio Free Asia, BBC, New York Times, and other foreign media they don't like. Circumvention tools are available, for net-savvy Chinese, but they don't always work. Physically cutting off the landlines of Internet traffic into China is always an option for Beijing.

Shortwave cannot physically be cut off by Beijing. It can be jammed, and China jams the bejesus out of VOA, RFA, and other stations trying to reach that target country.

Enter my VOA Radiogram project (voaradiogram.net). Using digital text modes (borrowed from the amateur radio community) on an analog shortwave transmitter, VOA Radiogram was created to find a way to work around net censorship by way of shortwave. In English, it works great - better than voice via shortwave under adverse reception conditions.

But we can expect regimes that block U.S. content on the Internet also to jam U.S. content on shortwave. Can the digital text modes overcome jamming?

To answer this question, I was allowed to test various modes on VOA Mandarin, about a minute and a half each day. Using receivers in East Asia, I determined that yes, the digital modes can cut through the jamming. Not always, but often.

This is a big deal in international broadcasting. China uses multiple transmitters in various parts of China for effective jamming of VOA and RFA. Often, two or more Chinese transmitters jam a single VOA or RFA transmitter. It is very difficult to hear VOA or RFA in China. But text via shortwave often gets through.

To hear, and see, for yourself, visit these YouTube videos made by listener TW in Shimane Prefecture, Japan. Most of the voices and music you hear are China National Radio and other Chinese domestic radio used to jam VOA Mandarin:

youtu.be/BENKGky6ics

youtu.be/iqLRnrKYVQE

youtu.be/cW8q-YGa3-I


youtu.be/t29NN4fC-zM

youtu.be/ExrqJ9ZORhg

youtu.be/Iuq3l7pwp0c

Despite all these promising results, VOA Mandarin has discontinued these digital text transmissions, for reasons that unclear to me. It's possible that cross-town rival Radio Free Asia will pick up where VOA left off.

We still need to test other digital text modes against various types of jamming. And we need to encourage the development of an app to simplify the decoding process and make decoding possible on a mobile device. For now, most of us are using Fldigi from w1hkj.com, a very capable software tool, but not for the non-technical.

Views expressed above are my own. More international broadcasting news at www.kimandrewelliott.com. See also voaradiogram.net. 

Shortwave Center

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

Lots of history this month, courtesy of the prolific Adrian Peterson.

RADIO HISTORY

Adrian Peterson's Diary

1. Shower Radio on Shortwave: The Northern Territory Shortwave Service in Australia

These days, in many countries around the world, it is possible to buy a small radio receiver that can be taken into the shower cubicle, and while you are taking your morning shower, you can listen to the radio; perhaps your favorite music, or maybe the bulletin of latest news. Perhaps in some ways, there is a similarity between the popular morning shower and our radio topic for today. It is Shower Radio on Shortwave: the story of the Northern Territory Shortwave Service in Australia.

The Northern Territory in Australia is a sparsely populated wide open territory, mainly desert, which is administered like a state within the Commonwealth of Australia. The territory encompasses half a million square miles with a population of only a quarter million. The capital city is Darwin, and the main tourist attractions are Ayers Rock in the red center, and the nearby Olgas Rocks.

The story about shortwave radio broadcasting in the Northern Territory can be traced back to the year 1928. In May of that year, mediumwave station 5CL in Adelaide, a commercial station as it was in those days, applied for a shortwave license for the purpose of relaying their programming to the widely scattered listeners in the outback areas of South Australia and the Northern Territory. For a period of time, the Northern

Territory had been administered by the government in Adelaide, South Australia.

The 5CL license application requested 5 kW in the shortwave bands around 70 or 80 meters. However, the licensing authorities refused to issue a shortwave license for this purpose. Thus it was that during the next year, 5CL began to send some of its programming by landline to Melbourne where it was picked up by 3LO and re-broadcast to the Northern Territory on shortwave from VK3ME, the AWA transmitter at suburban Braybrook.

Ten years later, consideration was again given for coverage of the Northern Territory on shortwave, and again mediumwave 5CL in Adelaide, by this time operating as a government ABC radio station, was intended to be the program source. However, with international tensions beginning to mount in a prelude to World War 2 over there in Europe, the project was shelved.

The next occasion for preliminary planning for a territory shortwave service took place in the early 1970s, and initially, a total of six shortwave transmitters were envisaged. Preliminary target date was 1971, and location, for at least three of these transmitters, was Radio Australia at Cox Peninsula near Darwin.

Three shortwave transmitters at 100 kW were obtained from Harris Gates in the United States, and these were taken into storage at the quite new ABC mediumwave facility at Pimpala, down the coast from Adelaide in South Australia. However, at Christmas 1974, Cyclone Tracy destroyed much of Darwin city and damaged the nearby Radio Australia transmitter base.

Once more shortwave coverage for the Northern Territory was again postponed, and one of the transmitters at Pimpala was diverted to a temporary new relay station for Radio Australia at Carnarvon on the coast in Western Australia where it was activated on February 15, 1976 under the line call sign VLL. (The two remaining transmitters at Pimpala were diverted for installation at Radio Australia, Shepparton, in Victoria.)

Give another ten years and planning began on the fourth attempt at a shortwave service for the Northern Territory. In preliminary preparation, a 15 minute daily news bulletin was broadcast from the 500 watt communication transmitter VJY in Darwin. This news bulletin was a relay from 8DR, ABC, Darwin, on mediumwave, it was on the air twice daily, and the VJY transmitter was located at the Radio Australia receiver base near Cox Peninsula.

In this new project for shortwave coverage of the Northern Territory, three Continental transmitters, model 418D-2 at 100 kW, were obtained and they were installed each at a different location. Each transmitter was intended for unattended operation at a power level of 50 kW, on one shortwave channel during the day and another at night.

The antenna system at each station was a v-shaped net style log periodic supported from two masts. The antenna beam is vertical incidence, almost straight up, with a scattered downward reflection from the ionosphere into surrounding territorial areas.

The first of these three new Home Service shortwave stations was taken into service at Roe Creek near Alice Springs on February 20, 1986. Transmitter VL8A, located just off Stuart Highway on the south east side a little south of the small Alice Springs airport, took a program relay from the studios of mediumwave 8AL at Alice Springs.

The next station, VL8K, was inaugurated on April 3, 1986 and the transmitter was co-sited with the 50 watt mediumwave station 8KN. This double transmitter facility, mediumwave and shortwave, was installed just off Stuart Highway on the south east side, seven miles north west of Katherine.

The third shortwave transmitter was inaugurated a few days later, and it was co-sited with the 1 kW mediumwave station 8TC, just off the south side of Stuart Highway, five miles south east of Tennant Creek.

After nearly 20 years of on-air service in the hot desert climate, all three of these Home Service shortwave transmitters were deemed too unreliable and replacements were needed. Each was switched off in rotation for a month or six weeks, and during this time Radio Australia, Shepparton, provided an interim fill-in service, beginning on October 10, 2005. The 100 kW transmitter was noted on 11880 kHz during the day and 6080 kHz at night.

The replacement transmitters, model 418G, were again provided by Continental, 100 kW units operating at 50 kW. All three were activated during the time period running from April to August 2006. Interestingly, an additional similar unit was installed at Tennant Creek for operation in the digital DRM mode in mid 2011.

Currently, all three of the shortwave stations in the Northern Territory Regional Shower Service are on the air 24 hours daily, and they are heard seasonally in many different countries around the world.

2. BBC Indian Ocean Relay Station Seychelles: The End of an Era

On Saturday, March 29, the shortwave service from the BBC Indian Ocean Relay Station in the Seychelles Islands came to an end after 26 years of broadcasting into East Africa. This shortwave service is ended, though the lone remaining FM station operated by the BBC in the Seychelles Islands will remain on the air.

The Seychelles Islands are listed as an African country, located nearly a thousand miles east from the continent itself. A total of 155 islands are listed officially as belonging to the Seychelles, though only 40 are permanently inhabited. The total area of all of these islands is just 175 square miles, though they are scattered around an area of 400,000 square miles in the Indian Ocean.

Some of the islands are described geologically as granitic, while others are semi-tropical coral islands and atolls. The largest island is Mahe, with Victoria as the capital city. Two other major islands are Praslin and La Digue.

The total population in all of the Seychelles Islands is a little less than 100,000, all of whom can trace their ancestry back to France, England, Africa, China or India. The national languages are English and French, though most people also speak the local Creole which is French derived. Tourism is one of their main sources of income.

There are many life forms in the Seychelles that are quite unique, such as the Black Parrot, which is their national bird. Other unique life forms are the strange Jellyfish Tree which thus far has evaded every form of propagation, and the coconut tree coco de mer with its huge double coconut, which can weigh up to 50 lbs each.

It is thought that the first visitors to the Seychelles Islands were Austronesians from Indonesia who passed through the area more than a thousand years ago. The next visitors came in from the Maldivian Islands around 800 years ago.

The first European visitor was the famous Portuguese explorer Vasco da Gama who was en route to India in 1502. The first known European landing in the islands was made by Captain Sharpeigh of the East India Company in January 1609; and a French expedition from Mauritius visited Mahe Island in 1742.

Fourteen years later, the French laid claim to the Seychelles Islands by placing an inscribed Stone of Possession at La Poudriere (Victoria) on November 1, 1756. Then a few years later again, the first permanent inhabitants in these islands arrived from Mauritius. Though the Seychelles were originally a French possession, they were granted to England by the Treaty of Paris in 1814; and they assumed independence on June 29, 1976.

It was back in the year 1978 that the BBC gave recognition to the fact that it would be advisable to establish a relay station somewhere in the area, though because of a slowdown in the economy in England, funding was not available. However, three years later, the BBC dropped its programming in the Italian and Maltese languages in order to provide funding for this projected new station.

The BBC then began negotiations with the Seychelles government; and on August 8, 1983, they announced in their DX program, Waveguide, that the projected new shortwave station would be ready for service five years later. The BBC and the Seychelles government signed an agreement in 1985, and work on the new station began during the following year.

The new BBC Indian Ocean Relay Station was constructed at Anse Mahe on the west coast of the island of Mahe and a swampy mangrove area was filled in for this purpose. The plans for the new station originally called for four shortwave transmitters, 2 at 300 kW and 2 Marconis at 250 kW, together

with a total of six four-band curtain antennas suspended from four self-standing towers. The total cost for this project was estimated at £8 million. However, when the project was completed, only two shortwave transmitters were installed, both Marconi Model B6131 at 250 kW.

An official ceremony took place on June 9, 1986 to mark the beginning of construction; two years later initial test transmissions were radiated; and the station was taken into regular service on September 25, 1988. An opening ceremony was staged a few days later on October 7. Programming beamed into East Africa was progressively transferred from the BBC Cyprus to this new station in the Seychelles.

In order to ascertain the effective coverage area for the new BBC Indian Ocean Relay Station, the BBC offered full data QSL cards, though only for listeners in the target areas in Africa. However, generally speaking, the staff at the Seychelles station did issue QSL cards for all reception reports sent direct to the station itself.

Programming for the BBC Seychelles came direct from London and it was made up usually of the BBC World Service in English, the BBC African Service, and programming in the Somali language. This scheduling was on the air via the two transmitters in parallel for around a dozen hours daily.

The first BBC FM station in the Seychelles was inaugurated in Victoria on 106.2 MHz in 1995; and this was followed in mid 2004 with the installation of two additional FM stations, at Anse Soleil on 105.2 and Pointe aux Sel on 105.6.

The BBC celebrated the 20th anniversary of their Indian Ocean Relay Station on October 2, 2008. At the time, they stated that 9 million people were listening to the relay programming from this shortwave station.

Then five years later, they announced that the station would be closed. The chosen date was Saturday March 29. The shortwave station is now silent; though we understand that one of their downlink FM stations, Victoria, will remain on the air with programming from the BBC African Service.

3. The Canada Story: Three Early Wireless Stations

The North American nation of Canada is the 2nd largest country in the world in area, ranging some 3-1/4 thousand miles across from east to west, and more than 2-3/4 thousand miles from north to south, with a total population of some 35 million people. The various settlements and territories were amalgamated into the Federation of Canada on July 1, 1867; and as part of the old British Empire, Canada is today a member of the British Commonwealth of Nations.

Back more than 100 years ago, during a wintery gale in the early afternoon of December 12, 1901, the Morse Code letter S, three dots, was transmitted from Poldhu in England and it was heard several times on a simple receiver in Newfoundland. The antenna was held high by a huge kite,

and the simple battery operated receiver was placed on a table in the old Hospital Building, near Cabot Tower on a hill overlooking St. John's, Newfoundland.

For the 1st time in the history of communication, a wireless signal had been heard across the Atlantic. At the time, Canada as a confederated dominion was just 34 years old, and Newfoundland itself was still a British colony, not a province within Canada.

While he was in the area, Marconi took the opportunity to visit Glace Bay, in Nova Scotia on the far eastern edge of Cape Breton Island. On March 24, 1902, Marconi announced to the world from nearby Sydney, that he had chosen a site near Glace

Bay as the North American terminal for his transatlantic wireless system.

The 10 acre site was on Table Head quite close to the ocean, one mile north of Glace Bay; and Richard Vyvyan was placed in charge to construct the massive station. The equipment for the Marconi Wireless Station at Table Head was planned and built considerably larger than at the original station over at Poldhu in Cornwall, England.

The main building at Table Head was four times larger than Poldhu, the alternator was rated at 75 kW, the antenna towers were made of sectioned pinewood and stood at 210 feet tall, they were arranged in a square pattern 200 feet apart, the main cables were wires at three inches thick, and there were 400 copper wires in the radiating system.

On November 19 in the same year 1902, test transmissions from the new wireless station in Canada began, and when the power was applied, the noise in the transmitter building was totally deafening and could be heard for miles around, like the sounding of a huge bass organ. The aerial cables cracked and whipped mercilessly.

Over in England, Poldhu reported their first successful reception from Table Head almost a month later, on December 14; and one week later again, the first official wireless message was sent from North America to Europe: greetings to the King of England and greetings to the King of Italy.

However, one month later the Table Head station was closed for modification, and it was reopened for service two months later again, on March 20, 1903. However, five weeks later, the antenna system collapsed due to heavy icing, and the station was closed, and dismantled.

Gone was the 1st Marconi wireless station in Canada, and it had gotten no further than the preliminary test phase of operation. The property today is preserved as a Marconi Exhibit Centre.

During the following year, work commenced on a new and enlarged station, on 600

acres, six miles from the original Table Head, and 3-1/2 miles inland. This station was massive, with 22 buildings, 76 wooden towers at 280 feet tall, standing in three concentric rings; 54 miles of wire in the antenna system, and an additional 54 miles of wire in the above ground counterpoise system. When the power was applied, great tongues of bluish white flame shot out from the antenna system, which again cracked violently like a massive whip, and the electrical noise sounded to a distance just like the low notes of a mighty bass organ.

This new station, known as Marconi Towers, was completed and taken into service in May 1905, but two years later it was destroyed by fire, and rebuilt and upgraded. However, a 2nd fire destroyed the station two years later again, and it was rebuilt once more, finally re-opening for service on April 23, 1910.

This 3rd phase of operation continued successfully for a total period of 36 years, with changes and modernization at various stages of development, though on one occasion, the 25 mile long connecting wires from the receiver station to the transmitter station iced over and collapsed.

On October 25, 1926, a vastly new double communication radio station was opened in Province Quebec, and the international communication service at Cape Breton Island was transferred to Drummondville-Yamachiche. However, station VAS, as it was known at Cape Breton, continued in service with maritime communications.

In 1927, a phone service for voice communication was added; and in 1930, shortwave transmitters were installed. Then in 1946, the entire station was closed and sold to a private bidder.

The 3rd Marconi longwave wireless station on Cape Breton Island was the receiver station at Louisburg, some 25 miles distant from the 1st and 2nd transmitter stations at Glace Bay. This Louisburg station was also a huge facility, with the main aerial system 50 feet high and one mile long, and a balancing aerial at 1-1/4 miles long.

The Louisburg receiving station was completed in 1913, but as was mentioned, a silver thaw dropped the connecting wire between the transmitter and receiver stations soon afterwards.

In 1927, plans were in hand to close the Louisburg Receiver Station, but a fire destroyed the station instead. However, a rebuilding plan was implemented and shortwave receivers were installed. Three years later though, the Louisburg station

was finally closed in favor of the new receiver station at Yamachiche. Some years later, the large property was sold, and it is now a nature reserve operated by Parks Canada.

From beginning to end, for 45 years from 1901 to 1946, Marconi Canada operated the three large longwave wireless stations on Cape Breton Island. They are now all gone, and they were replaced by the more modern twin facility in province Quebec, but that's a story for another time.

4. The Voice of the Eastern Caribbean on Shortwave: The Barbados Story

The island of Barbados is located on the eastern edge of the Caribbean and the western edge of the Atlantic, some 300 miles north of Venezuela in South America. Barbados is a small island, just 21 miles long and 14 miles wide, with a mostly undulating landscape though there is one hilly area rising to a height of just 1120 ft.

The capital city of Barbados is Bridgetown which is located on the west coast towards the bottom of the island. The total population of the island is around 1/3 million residents.

Barbados is a very popular tourist destination with many places of interest for the foreign visitor, including an underground cave system with internal waterfalls, two tropical forests for nature lovers, and crystal clear waters along the white and pink sand beaches. Or perhaps you can take an hour long underwater cruise aboard the tourist submarine Atlantis, and visit one of the many shipwrecks scattered around the edge of the island.

The warm winter weather on tropical Barbados has a special appeal making it a delightful vacation destination for those who live in the snow covered northern areas of Europe and North America. Each year, 1/2 million tourists visit the island by plane and by boat for their on-island vacation; and another 1/2 million make a one day sightseeing and shopping visit during a cruise ship stop over.

The earliest settlers on Barbados came over from mainland South America anywhere up to 2,000 years ago. They called the island in their Arawak language: Ichirouganaim, meaning the red island with teeth, that is, the surrounding reefs.

It is said that the Spanish called the island Barbados, in reference to the fact that the islanders wore beards. However, a subsequent suggestion is that the name refers to the Bearded Fig Tree that grows on the island.

The island of Barbados was discovered by the Spanish, visited by the Portuguese, and in 1624 claimed by the British. The first settlers from England arrived on the ship Orange Blossom three years later, in 1627. Barbados was granted independence within the British Commonwealth of Nations on November 30, 1966.

It was in 1912 that an Anglo-French company announced plans to establish a wireless station on Barbados, but soon afterwards they withdrew their offer. Then, during the following year, the Marconi company in England announced their plans to establish a wireless station on the island, though likewise, this project was never implemented either.

Thus it was that a group of local wireless enthusiasts took the matter in hand and they constructed their own wireless station and installed it at St. Ann's Fort. This

station was made up of a spark transmitter and a crystal receiver and it adopted the internationally recognized callsign VPO. It is understood that V was a prefix for Barbados, and PO stood for Post Office as in the system in use in England. With this primitive equipment, operators were able to communicate in Morse Code with ships up to 100 miles out at sea.

In the early 1920s, a new wireless station was installed adjacent to the Dover Beach cable station and it was constructed by the American RCA company according to British Post office specifications. This new communication station was inaugurated on December 1, 1924, under the same original callsign VPO.

Then in 1943, a complete new radio communication station was constructed at Bearded Hall, in the center of the island to the south. The electronic equipment for this new station in Barbados was assembled at the Marconi factory in England and originally planned for installation in Singapore, as a replacement for equipment that was lost when a ship was sunk by enemy action in 1940.

However, with the change in the fortunes of war in Asia, the new consignment of electronic equipment destined for Singapore was diverted to Barbados instead. The large new station at Bearded Hall on Barbados, together with its transmitter hall and several towers and sets of antennas, was inaugurated in the early part of the year 1944, still under the same callsign VPO.

However five years later (1949), a new callsign was allocated for this Barbadian station and VPO became ZNX. Then, at the time of independence in 1966, another callsign was allocated for this station and ZNX became 8PO.

During the following year, a mobile radio station was flown into Barbados for use as a news gathering facility in any possible areas of nearby emergency.

The first radio program service that was installed on Barbados was a Rediffusion

system, or cable radio as we would call it today, that was introduced in 1935. The first subscriber was connected on April 2, and all programming was on relay via shortwave reception from the BBC London and commercially operated stations in the United States and Canada.

Five hours of daily programming was available on telephone lines from the distribution point of Radio Distribution (Barbados) Ltd. in Trafalgar Street. A local production studio was installed in 1947, and in 1951 the system was bought by the Rediffusion Service Ltd. of London in England.

Some eleven years later, this cable radio service was transferred into its own facilities in a new building on Riverside Road. Then in 1979, the system was bought by the Nation Corporation of Barbados. Cable radio on Barbados came to an end on November 30, 1997, and by this time, radio (and TV also) had supplanted the usefulness of this older system.

Mediumwave radio broadcasting was introduced into Barbados on December 15, 1963 with the inauguration of the government owned Radio Barbados, with 10 kW on the split channel 785 kHz. The station announcement during this era stated: This is Radio Barbados, the Voice of the Eastern Caribbean, 785 on your radio dial. Sometimes though the channel was announced as 790.

The transmitter and antenna tower were installed together with the Cable & Wireless communication station ZNX at Bearded Hall. Around eight years after its inauguration, the radiating channel for this mediumwave station was changed from 785 to 900 kHz.

A second mediumwave station began service in Barbados on May 1, 1981 under the slogan The Voice of Barbados. This station, also at 10 kW, took over the previous channel of the government station, 790 kHz, and it was operated by the previously mentioned cable radio system.

Shortwave radio broadcasting on Barbados

began in 1935 when amateur radio operator Thomas Archer carried live descriptions of major sporting events on behalf of the Barbados Radio Association over his station VP6YB. These occasional and intermittent program broadcasts were last noted in the United States in December 1939.

However, soon afterwards the shortwave communication station operated by Cable & Wireless, VPO, introduced a daily half hour news bulletin which was heard at a good level on 3950 kHz. This station also relayed occasional special news events to the BBC London on 11475 kHz. In addition,

occasional commentaries on major sports events were broadcast for reception and relay by other radio broadcasting stations throughout neighboring areas of the Caribbean.

These occasional and special events were heard quite widely over station VPO and also under the subsequent callsign ZNX. Many reception reports were received from listeners in North America, Europe, New Zealand and Australia.

It would be presumed that the sporting commentaries and other news items, together with occasional music and announcements, were presented on shortwave in co-operation with the cable radio system, local newspapers, and the government radio station with the slogan: The Voice of the Eastern Caribbean.

Back towards the end of last century, several religious organizations approached Cable & Wireless, enquiring regarding the possibility of using shortwave 8PO as a relay station for their programming. However, nothing came of these ventures.

Cable & Wireless was noted as a good verifier of transmissions from their station under all three consecutive callsigns; VPO, ZNX & 8PO. Letters were used to verify programming under the callsign VPO. Under the subsequent callsign ZNX, QSL cards were initially in the style of duplicated cards; and then in the mid-1960s, a printed QSL card with a yellow ornamental bar was introduced.

Shortwave Broadcasting on Barbados

1935-1940 Nightly broadcasts from amateur VP6YB, 3700 or 4200 kHz

1940-1944 Nightly 1/2 hour news bulletins on shortwave, 3950 kHz, VPO at The Reef

1944-1949 Occasional special event broadcasts on shortwave, VPO at Boarded Hall

1949-1965 Occasional special event broadcasts on shortwave, ZNX at Boarded Hall



NASWA Yahoo Group

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



Listener's Notebook

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Times are UTC and frequencies in kHz.

ANGOLA 4949.76, R Nacional de Angola, Mulenvos, 1954-2030, Jul 29 and 30, theme music, ID, recently I (Wagai) have received carrier signal almost every day, today I could be detected by my ear again after a long time, 25232. (Mille-France and Wagai Japan/DX Window) Also heard at 0025-0035, Jul 24, Portuguese talk, deep fades, 25222. (Petersen-Denmark/DX Window)

ANTARCTICA 15475.96, I have Base Esperanza in USB plus carrier now at 2015 in Spanish (August 21). Quite weak but getting stronger. (Harald Kuhl-Northern Denmark/DXplorer) 15476.00, I also heard LRA36 R Nacional Arcángel San Gabriel at 2025-2045, Aug 21 mostly with Spanish talks, but also music; best in USB, because of weak CWQRM in LSB, 14221. Thanks for tips from Harald Kuhl in Denmark and Manuel Méndez in Spain. (Anker Petersen-Denmark/DXplorer) Same signal like yesterday Aug 21, on threshold level S=4-5 -98dBm best on Sven's Perseus unit in Norway. (Wolfgang Büschel-Germany/DXplorer) Also Fair to Poor on 8/22 from E. Finland (Karelia MW DX) site from 2010 tune... off suddenly at 2025 or thereabouts. (Bruce Churchill-CA/DXplorer) 15476, LRA 36, Radio Nacional Arcangel San Gabriel, Base Esperanza, 1933-1950, 26-08, very weak signal today, only audible on LSB, Spanish comments and music. 14321. Also 1915-1940, 27-08, best signal than 26-08, comments, songs, Spanish. 14321. (Méndez-Spain/PlayDX)

ARGENTINA 15345.21, R Nacional, General Pacheco, 0219-0305*, Mo Aug 04, usual radio dramatization/play; after 0230 music program. (Howard-CA/DX Window)

ASCENSION ISLAND 15400, BBC Atlantic Relay Station QSL Triptych of Babcock, 14 days. It was very difficult to contact the transmitter center Ascension Island. I tried for years until they finally found a valid email address. V/s: Jeff Francis (Engineering manager) jeff.francis@babcock.co.ac. (Alvaro López Osuna-Spain/PlayDX)

AUSTRALIA 2368.48, R Symban, Marrickville, 1251-1325, Jul 23 and 30, usual Greek music, am

certainly not able to hear this every day; takes good propagation for any above threshold level reception; weak, but able to distinguish repetitive Greek singing. (Howard-CA/DX Window) Yes, seems, that it is now on 24h. Just not enough for audio here in Finland at Sydney sunrise 2030. (Ritola-Finland/DX Window) A great looking new eQSL, received in less than a day. V/S: John Wright. Station now testing at 50 watts, per QSL. But an e-mail from Angelo Matsoukas (Director - Symban World R) indicates station presently testing at 400 watts. Heard with stronger reception than Jul 30 on Aug 01 at 1304-1316, Greek music and singing. Very enjoyable! (Howard-CA/DX Window)

3210, Vintage FM with a decent signal on 8/23 via the Perseus site in Edmonton AB - tuned from 1225 with an ID "Vintage FM" by woman at 1226 and lot's of oldie rock music - both woman and man ancrs. "Rock and Roll...on Vintage FM" by man at 1253. SINPO 2+/35343 - the best I have had from any site. Thanks to Ron for the heads up on this re-activation! Edmonton was out of the gray zone around 1230 but the signal hung in there well past 1255 (at which time I returned to bed, Hi!). (Bruce Churchill-CA/DXplorer)

4835, ABC-VL8A (Alice Springs). After multiple attempts involving several postal cards received at the end, QSL card+ personal letter of thanks+ emissions trading scheme and a small sticker with the logo of ABC. 185 days. V/s: Elaine Erskine (Communications Transmission Officer), reception. advice@abc.net.au. (Alvaro López Osuna-Spain/PlayDX)

11590, Reach Beyond Australia (New name for HCJB! Ed), Kununurra, 1243, Aug 01, music and repeated ID of "This is Reach Beyond Australia. Our programs on this frequency will commence shortly", 1245 "good evening and welcome", frequency and meter band, then into scheduled Hindi broadcast, 35343. (Sellers-Canada/DX Window) HCJB Australia's is now Reach Beyond Australia, possibly from 1 July. The new name was confirmed from monitoring on 7 July. The station's web site at www.hcjb.au states that a new web site is coming soon. (Ivo Ivanov/DX Mix, Mike Terry/British DX Club)

Changes in the schedule Reach Beyond Australia (former HCJB):

1230-1430 NF11590 KNX

1230-1300 Nepali Sat

1245-1300 Hindi Sun / Thu / Fri; Bangla Mon; Marwari Tue; Kuruk Wed

1300-1315 Punjabi Sun; Nepali Mon-Thu; Dzongkha Fri; Oriya Sat

1315-1330 Bhojpuri Sun; Tamil Mon / Tue; Hmar Wed

1315-1330 Malayalam Thu; Marathi Fri; Urdu Sat

1330-1345 Hindi Sat-Thu; English Fri

1345-1400 Hindi Daily

1400-1430 Urdu Daily (Ivo Ivanov-BUL, via wwdxc BC-DX TopNews Aug 1)

AZERBAIJAN 9677v, Ictimai R, Stepanakert, 1729-1752, Aug 13, Azeri again on traditional frequency, ex 11760v. (Ivanov-Bulgaria/DX Window)

BANGLADESH 4750, Bangladesh Betar, HS, Khabirpur, 1230-1244 Aug 04, RRI Makassar continues to be absent here; another Ramadan Monday with non-stop reciting from the Qur'an preempting the SAARC news bulletin in English. (Howard-CA/DX Window)

15105, Bangladesh Betar, follow up, QSL card+ frequencies and programming scheme. Address: Sr. Engineer, Research & Receiving Centre, 121 Kazi, Nazrul Islam Avenue Sha Bagh, Dhaka 1000, rrc@dhaka.net. (Alvaro López Osuna-Spain/PlayDX)

BOLIVIA 4409.796, R. Eco (pres.), sounds like LA mx at 0114. 0116 M anncr very briefly but hard to tell if it was SP, then back to mx. A pretty noisy evening. A lot of up-tempo songs w/accordion. 0125 M anncr again. 0127 sounded like a canned anmnt. 8 August. (Dave Valko-PA/PlayDX) 4409.773, R. Eco 0004 pleasant rom. song, 0008:45 church bells made the song sound like a wedding song. 0010:10 surprised to hear canned call, ID, and freq by M. Another anmnt w/ment of el servicio, then mx briefly, and live studio M anncr from 1011 w/what could have been PSAs (nice quick peak at 0015:40). Still going at 0018. Went off sometime

around 0100. 15 August. (Dave Valko-PA/PlayDX) 4409.76, Aug 13, 2330, Tent R Eco, Reyes, Bolivia back again after long absence. Last clip on YouTube is from Aug 2012. Too weak signal for an ID. Hope conditions improve. (Thomas Nilsson-Sweden/SWBulletin) 4409.76, R. Eco, Reyes, 0020, Aug 13, despite it is no longer mentioned in some frequency lists, it is still active. 35222. (Wyllyans in HCDX/DX Window) Also tentatively heard at 2330, Aug 13. Too weak signal for an ID. Hope conditions improve. (Nilsson-Sweden/DX Window) Not reported since Oct 2012. (Ed/DX Window)

4958, Radiodifusora Tropico, Trinidad, Beni, 1125, Aug 06, religious music from Bolivia, ID in Spanish. (Aragão-Bolivia/DX Window). Not reported since Sep 2007! (Ed/DX Window)

5580.297, R. San Jose. Deadair but then mx singing started as soon as I started the recording at 0019 (ment of corazon in the song). Then apparent Padre w/ment of palabra but very low level. Guess it was the daily Mass. More of the same. Long period of deadair, but could just detect very faint background rustling noise at times. When the signal peaked between static crashes, it was almost stunning. Went off sometime between 0044 and 0055. 15 August. (Dave Valko-PA/PlayDX)

6025.00, Red R Patria Nueva, La Paz, 2350-2400, Jul 23, Spanish football report, 2356 ID, 33343 co-channel QRM Xizang PBS and from*2357 also strong QRM from CRI in Spanish and English on 6020. (Petersen-Denmark/DX Window) Heard again at 0056, Aug 02, alone on the frequency at this time. Good signal. (Nilsson-Sweden/DX Window) 6024.97 Red Patria Nueva 2341 Incredible signal w/ment of "Bo-Lee-Vee-ah" during promo during break in the nx pgm that may be called "Bolivia Informa". Journalist?? Sanchez mentioned Patria Nueva at end of his report at 2343. 2347:30 break w/nice nx promo, jingle ad, then bank ad, 2349:55 ment of Patria Nueva in anmnt. 2350:40 short ID promo, same nx promo that started the break, then back to nx. Near 100% copy!! As easy as falling off a log!! That is until it was blasted out by 6020 and 6030 at the ToH. 14 August. (Dave Valko-PA/PlayDX) 6025.00, R. Patria Nueva, La Paz; at 2220-2250 on Aug 7; mx, promo for Bolivian Army appealing for youngsters: "Jóven boliviano el Ejército Boliviano te necesita, responde a su llamado"; modern folk mx. ID: "Patria Nueva está con todo el país", nx abt election campaign from Santa Cruz. 33333. (Pedro F. Arrunátegui-Perú/DXplorer)

- 6155.14, R Fides, La Paz, 0100, Aug 02, very low modulation despite a S6 signal. Weak music. (Nilsson-Sweden/DX Window)
- BRAZIL** 4865.00, R. Verde Florestas, Acre; at 2350-2310 on Aug 14; Rlg px & mx, ID: "Radio Verde Floresta" (Recording included), prgm of messages and salutations. 44444. (Pedro F. Arrunátegui-Perú/DXplorer)
- 5940, Voz Missionaria, Diploma QSL-4 size, 90 days. Email: luizgideoes@hotmail.com. (Alvaro López Osuna-Spain/PlayDX)
- 5970.029, ZYE523 Radio Itatiaia measured exact at 0430-0440 on August 11, in order to measure exact frequency in Brazil, aligned correctly against signals of BS via RMI Okeechobee 5950, RHC 6000, AWR French MOS 6155, Cypress Creek Vietnamese 6175, all even frequency in 49mb nearby. (Wolfgang Büschel-Germany, wwdxc BC-DX TopNews Aug 11)
- 5999.99, R. Guaíba, 0018 discussion by men in PT, 0024 ad block starting w/poss. ID, then definite ID at 0025:05. Adj. slop QRM from 5990. 6 August. (Valko-PA/PlayDX)
- 6080.03, R. Marumby. Fairly good at 2341 t/in w/ tlk by M in PT. Soft song and more tlk. 2359 full canned ID by deep-voiced M over instru. mx, then canned ID/promo. 0000 usual "Marumby" signing jingle by women's chorus. Best early on. 14 August. (Dave Valko-PA/PlayDX)
- 6089.965, R. Bandeirantes. Not often heard because of Anguilla. Good signal w/Futbol coverage starting at 2334 including a long goal at 2343. Ment of Brasil, Sao Paulo, Londrina. Going past ToH. //9645.41. 14 August. (Dave Valko-PA/PlayDX)
- 6135.33, R Aparecida, Aparecida, SP, 2335-2345, Aug 12, Portuguese talk, singing ID 2337, songs, heterodyne, 43443 // 5035 (25232), 9630 (35433), 11855 (35343) and <http://www.vtuner.com/vtunerweb/mms/mms41743.asx>. 55555. (Anker Petersen-Denmark/PlayDX)
- 9530v, R. Transmundial, irregular here at this time but on today. 1006 pgm of ballads and M host w/ canned anmnts. // 11735. Drifted down from above 9530.03 at the start and right on freq at 1012. 6 August. (Valko-PA/PlayDX)
- 9645.4, Radio Bandeirantes, Sao Paulo, 0445-0452, 09-08, Portuguese, comments, identification: "Radio Bandeirantes". 14321. (Méndez-Spain/PlayDX)
- 9818.8, Radio 9 de Julho, Sao Paulo, 0536-0550, 09-08, Religious comments, Portuguese, "Con a Mãe Aparecida", "Rede de emisoras Con A Mãe Aparecida, Santuario Nacional", religious songs. 24322. (Méndez-Spain/PlayDX) Radio Nove de Julho, São Paulo on 9818.9 broadcasts its own programming daily at 0800-0100. From 0100-0800 they relay the programme called "Com a mãe Aparecida" (Together with Mother Aparecida). During the programme the IDs are also "Radio Nacional", "Radio Nacional Agora...." Over 100 Brazilian stations relay "Com a mãe...", but I heard it on SW only on 5035, 6135, 9630, 9819.9 11855. At 0100 they announce some of the names of sister stations. Com a mãe is carried on 5035, 6135, 9630 and 11855 from 2300-0800. The programme "A Voz do Brasil" is broadcast Mon-Fri at 2200-2300 on all of these frequencies. (RP - DX Window/British DX Club)
- 11854.98, R. Aparecida. 2302 end of long list of Aparecida stns and Aparecida theme song by W, mx, talk by live men w/IDs and website. Excellent signal. 14 August. (Dave Valko-PA/PlayDX)
- 15190, Radio Inconfidencia, follow up, QSL letter, after 4 years of letters and email. V/S: Gleison Ferreira, gleisonferreira@inconfidencia.com.br. (Alvaro López Osuna-Spain/PlayDX)
- BULGARIA** Full 24 hour shortwave schedule of the Al Jazeera Arabic TV news channel via Spaceline, Kostinbrod transmitter site effective Aug.14:
According to HFCC database:
0700-1555 on 15760
1600-0655 on 7305
(DX Re Mix News, Bulgaria)
- CHINA** 4905, Aug 3, *2050, PBS Xizang, Tibet, China, start program fair. (Giampiero Bernardini-Italy/PlayDX)
- 6060, Aug 3, *2155, PBS Sichuan 2, Xichang, China, ids, emphatic talks Chinese, fair. (Giampiero Bernardini-Italy/PlayDX)

CLANDESTINE 3480, Voice of the People, Kyonggi-do, Korean, 1012 on Aug 1 S=6. But much stronger on \ 3912. (Wolfgang Büschel-Germany, wwdxc BC-DX TopNews Aug 1)

6400, Pyongyang Broadcasting Relay Station, QSL card+ Time Pyongyang newspaper, a brochure with philatelic series 2013 and a badge of the Workers Party of North Korea, 60 days. Address: Pyongyang, DPRK. (Alvaro López Osuna-Spain/PlayDX)

15245, Voice of Forum of Eritreans via Issoudun, 1750-1757* Aug 10, with very enjoyable Horn of Africa music, 50db signal and excellent audio. (Rich Parker-PA)

17850, Oromo Voice Radio via Issoudun TDF France site, scheduled Mon, Wed, and Sats at 1600-1630. Noted at 1605 on Monday Aug 18. But covered also by 20 kHz WIDE BAND 17840 to 17860 White Noise jamming by Ethiopia. (Wolfgang Büschel-Germany, wwdxc BC-DX TopNews Aug 18)

17860, Voice of Khmer M'Chas Srok, via Dushanbe, Tajikistan, 1130-1200, Jul 25, Khmer to East Asia. (Ivanov-Bulgaria/DX Window)

17870, Radio Xoriyo Ogaden via Kostinbroad Sofia Bulgaria relay by Spaceline Ltd. brokered by Media Broadcast Cologne Germany. Schedule 1600-1630 Mon & Fri only, similar White Noise jamming at 9 kHz broadband noted Aug 18. (Wolfgang Büschel-Germany, wwdxc BC-DX TopNews Aug 18)

Radio Dialogue FM:

1600-1700 on 12105 MDC English/Shona
(DX Re Mix News, Bulgaria)

Radio Republica:

0100-0300 on 9490 ISS Spanish
(DX Re Mix News, Bulgaria)

Radio Xoriyo

1600-1630 on 17630 ISS Somali Tue/Sat.
(DX Re Mix News, Bulgaria)

Radio Inyabatutu

1600-1700 NF 17500 ISS Kinyarwanda Sat, ex 17870
(DX Re Mix News, Bulgaria)

Democratic Voice of Burma:

1430-1530 on 11560 DB Burmese
(DX Re Mix News, Bulgaria)

CUBA 14295, Radio Progreso, 0208-0235 in Spanish, first time I've heard their 3rd harmonic of 4765 in the 20 meter amateur band. Bluesy ballad with M and W vocals at t/in, various anmts by M between other sx which ranged from EZL to highlife. M with "Radio Progreso ... Habana Cuba" ID at 0221 f/by sketch with audience laughter. Steady and strong sigs to 40 dB with excellent audio, losing strength at t/out as the band changed, though carrier still audible at 0245 recheck. August 15. (Rich Parker-PA)

DJIBOUTI 4780, Radio Djibouti, Arta, 1951-2006, 08-08, Vernacular music and comments. 14321. (Méndez-Spain/PlayDX)

ECUADOR 3380, Centro Radiofonico de Imbabura, Ibarra, 0800-1030, Aug 08-12, this very irregular station was heard with highlights and comments, followed by religious hymns. (Wyllyans via HCDX/DX Window)

EGYPT Radio Cairo in Russian on two frequencies in parallel on August 5: 1900-2000 on 9410 ABS Russian, instead of German parallel freq 9685 ABS Russian. (DX Re Mix News, Bulgaria)

ENGLAND Select summer A-14 shortwave schedule of BABCOCK Relays:

RTE Radio One

1930-2000 5820 MEY English Mon-Fri
(Ivo Ivanov-BUL, via wwdxc BC-DX TopNews July 23)

HCJB Akhbar Mufriha

2100-2145 7300 WOF Arabic
2145-2215 11985 ASC Pulaar Thu-Tue
(Ivo Ivanov-BUL, via wwdxc BC-DX TopNews July 23)

FINLAND New Station Licensed in Finland: Radio Gramox, Finland, Sun Aug 10, 2014. Radio Gramox is a private FM-station in Tampere, Finland, on 106.8 MHz. Recently they have got legal licence for AM-broadcasts on 3960, 7230 and 25760. Power is announced to be 50 Watts. Just now I am listening to them on 3960. Stn plays old jazz & entertainment music from 1940's to 1950's. Please, note that this is not a pirate stn. They have also licence to

use 729 which is the Tampere frequency in Geneva MW-plan. So far no activity noted on 729. Licence is valid until the end of October 2014. Info Web: <http://gramox.fi/>. (Jorma Mantyla-Finland/ MWDX via PlayDX)

FRANCE Lutheran World Federation Voice of Gospel (Sawtu Linjilia)

1830-1900 on 15315 ISS Fulfulde
(DX Re Mix News, Bulgaria)

GERMANY Mighty KBC Radio

0000-0200 on 7375 NAU English Sun from Sep.07
0800-1500 on 6095 NAU English Sat/Sun.
(DX Re Mix News, Bulgaria)

Echo of Europe

1830-1845 on 7315 NAU French/English Tue/Fri
(DX Re Mix News, Bulgaria)

6150, Test transmissions of R Europe 24, Datteln, Northrhine-Westfalia (15 kW) on Jul 28, 29, 30 and 31, Aug 01 and 02, 1630-2325 to Central Europe, Loop of IDs in English: "Hi, soon you will hear on this frequency Europe 24. Europe 24 is information and entertainment for all Europe. Stay tuned to this frequency", Dutch, German, short guitar tunes, registered 0600-1900, 35543. (Bueschel-Germany, Ford-UK, Ghibaudo-Italy, Ivanov-Bulgaria and Kenny-UK and Kuhl-Germany in DXplorer/DX Window) 6150, Test broadcast of R Europe 24, Datteln (015 kW / non-directive), 1855, Aug 07, German/English/Dutch ann. (Ivanov-Bulgaria/DX Window) Also heard testing at 1100 and 2140, Aug 13 and 17, music and IDs in German and English, 34433. (Kuhl-Germany/DX Window) If you are really interested in the DX hobby, you will like to join EuroRadio, the new mailing-list service for DXers. Our main focus is European stations from the Atlantic to the Ural, but information about other parts of the world is welcome too. Our members (about 200 so far) come from all over the world. So if you would like to join send a message to euroradio-request@dxnet.org with the word subscribe as subject. Best of 73s to all of you. (Euroradio Owner/DX Window)

9485, Atlantic 2000 International, *0800-0815, 10-08, tuning music, identification in various languages, pop music and comments in French. 24322. (Méndez-Spain/PlayDX)

GREECE ERTOpen have posted (15 July) a summer frequency schedule at <http://www.ertopen.com/programma/item/23286-therino-programma-synchnothtwn-kai-leitoyrgias-pompwn-brachewn> as follows (times listed on website as Greece Time, converted here to UTC):

1200-0350: 9935
1200-0800: 9420
0100-0800: 15630
1200-1950: 15650
2000-0050: 15630
0400-0800: 11645

Actual operating times vary considerably from the above - but I am impressed (and amazed) that the programs of ERTOpen continue at all. (Alan Roe-UK)

GUATEMALA To all my radio friends and relatives, may I tell you that R Verdad TV is on internet already, with a totally sane Television, and with no commercials. We are on YouTube by now, but we will be on many internet media very soon, including Facebook, Twitter, etc., and on a special stream that we bought. Our link is: radio Verdad TV. I plead you to propagate this information, and send us a report immediately. We will grant good gifts for the 5 first reports. God bless you. (Dr. Édgar Amilcar Madrid, Radio Verdad and Radio Verdad TV) Radio Verdad TV received in Denmark with perfect reception, beginning with Himno Nacional de Guatemala. (Petersen-Denmark/DX Window)

INDIA 4970, AIR Shillong, 1329, Aug 14, as usual on the eve of India's Independence Day, the President of India addresses the nation, local ID: "This is the North Eastern Service of All India Radio broadcasting from Shillong on shortwave 60.36 meters, corresponding to 4,970 kHz", "stand by now for Delhi," National Anthem, President's address in English till National Anthem again at 1346, followed by same address given in Hindi. (Howard-CA/DX Window)

13695 // 15120, AIR Kannada in External sce, 0215-0300, Aug 15, special broadcast heard. Instead of signing off at 0300, it carried the Prime Ministers speech live without cutting it off (at 0300). This service continued till end of the special broadcast till around 0320. (Jacob-India/DX Window) It was observed that only on Independence Day and Republic Day the External Services start with Vanthe Matharam song. On Home Service it is broadcast daily at sign on. (Jacob-India/DX Window)

INDIA (Goa) 9705, AIR Panaji, 2315:50 EG ID by W after the nx then sked for President Mukherjee's speech on Independence Day, and into "Patriotic Songs". Another ID at 2328:50. Brief searing sitar mx, W w/intro for the president's speech on Independence Day, instru. NA, and then the EG speech by his Excellency. Great S9+10 signal. Probably the best ever heard Panaji. // much, much weaker nearby 9690 AIR Bengaluru. 14 August. (Dave Valko-PA/PlayDX)

INDONESIA 3325, RRI Palangkaraya, 1203-1231, Aug 01 and 04, Bahasa Indonesia news and a lengthy interview // RRI Wamena (4869.90), 1221 promo, 1231 patriotic song "Dirgahayu Indonesiaku", 35333. (Howard-CA and Sellers-Canada/DX Window)

3344.87, RRI Ternate, Now that Ramadan is over, this station is off the air, probably till the next Ramadan; as of Aug 04. (Howard-CA/DX Window)

7290, RRI, Nabire. Fair only at 0136 w/EZL songs, slow fade signal, more typical of summer conditions. 3/8. (Craig Seager-Australia/ARDXC YG) 7289.94, RRI Nabire (pres.), possible mx around 0921, then soft-spoken M anncr from 0937 recheck to 0945, and back to mx. M returned at 0950. 0956:25 native singing, then more upbeat song 0957:00. M anncr briefly at 1000. More somber mx at 1001:30 w/W voice-over. W ended tlk at 1012:30 and back to mx plainly audible. Pleasant W vcl song at 1030. Mx 1033:40. And getting mx at 1101 and M anncr at 1102 shortly. Mx 1118:00. Was still going w/what sounded like drums at 1130. Surprised and glad this was on throughout. 8 August. (Dave Valko-PA/PlayDX) 7289.95, RRI Nabire, 1132-1218, August 8. This exciting reception would never have happened except for the timely tip from Dave Valko! Running well past their normal sign off time; mostly talking; 1145 played patriotic song "Bagimu Negeri" (For You Our Country); 1153 anthem (?) type of music; 1159 music leading into the Jakarta news; time pips; blocked at 1201 by sign on of strong CNR1; was able to hear RRI underneath till completely lost after 1218. News // 4869.90 (RRI Wamena), but 3325 (RRI Palangkaraya) was off the air and did not start broadcasting till later. Not sure what prompted this anomaly, but their Independence Day is coming up later this month. Also of note is an important ASEAN meeting being held this weekend in Myanmar. Worth checking again to see if they run late. (Rob Wagner-Australia/ARDXC)

7289.99, following up on Ron's 8/8 late bcst for RRI Nabire, checked on 8/11 only to find them signing off at 0830. However tonight (8/12) I tuned at 0830 and they were still going past 0915 with man and woman ancrs and musical selections. Woman ancr(s) from 0915 to tune out at 0920. Hard to ID the music (even the type of music) as the gray line did not hit Nabire until approx. 0850 when the signal strength started slowly improving. S5-S6 on the Perseus S-meter with moderate static and heavy fading. No QRM. (Bruce Churchill-CA/DXplorer)

Observations for Voice of Indonesia on August 4:

1508-1908 on 9525.9 JAK in Chinese/Arabic/Spanish and German, but with 8 minutes delay between changes of languages. (DX Re Mix News, Bulgaria)

9526, Voice of Indonesia, Jakarta, 1850-1900, 14-08, Indonesian music, Spanish, comments, identification: "Radio Republica Indonesia, La Voz de Indonesia informando para Espana, noticias y entretenimiento". 24432. (Mendez-Spain/PlayDX)

IRAN Frequency change of Voice of Islamic Republic of Iran IRIB in Spanish

0023-0220 NF 12025 KAM, ex 11760 to avoid RHCuba Sp; Parallel freq. 9860 KAM till 0320. (DX Re Mix News, Bulgaria)

KUWAIT Changes of Radio Kuwait, General Service effective from August 13:

0000-2400 on 15475 add from July 24 to Aug.12 Arabic, cancelled

0200-0900 on 5960 Arabic, back on air

1700-2000 on 13650 Arabic, back on air

2000-2400 on 17550 Arabic, back on air (DX Re Mix News, Bulgaria)

LAOS 6130, Lao National Radio, 1359, August 5. Usual theme music before segment in English; heard bits & pieces of their normal ID; "This is the Lao National Radio, broadcasting from Vientiane capital, the Lao People's Democratic Republic. Our news in English program broadcasts at 2100 to 2130 hours local time daily, which is transmitted on AM 567 kHz on medium wave and on AM 6,130 kHz on shortwave"; poor, but pleased to find they still have

English at 1400. (Ron Howard-CA/ wwdxc BC-DX TopNews) 6129.978, as often noted in past months, one of two transmitters available at Vientiane tx site is always some 22 Hertz down lower side, the other unit is rather on even frequency, scheduled 0855-1600 acc Aoki Nagoya list. Noted tiny signal this European afternoon around 1520 Aug 8 S=7 -82dBm, poor modulation, but could easily identify Vietnamese sce and typical SoEaAsian Buddhist chimes music. 6129.978, same channel of Laotian National Radio Vientiane noted Aug 8th, English sce end at 1429, followed by news in French start at 1430. S=9+5dB or -70dBm strength. (Wolfgang Bueschel-Germany, wwdxc BC-DX TopNews Aug 7/8) After several days with just a carrier on 6130 kHz tonight I have a good readable signal from Vientiane domestic service at 2230. (Harald Kuhl-Germany but listening from Northern Denmark/ DXplorer) Fair audio signal on 8/12 from Perseus site in C. Germany (seems to be best among Euro sites) from 2330 tune (better looking carrier) - somewhat less QRM than what we hear in CA in the 1300-1500 period, although after 2345 this made reception almost unusable. Some music hrd at 2330 then a woman ann w/ likely news - a man ann at 2337 (perhaps a remote reporter) to 2338 and again at 2340. Into local music with flute, etc. at 2341. Signal fading as the gray line moves westward and co-ch QRM increases. (Bruce Churchill-CA/ DXplorer) I also heard R Laos on 6129.99 at the same time as Bruce here Denmark near Copenhagen with 25232. No doubt it is available, because Xizang PBS is off for maintenance on 4905, 4920, 6110, 6130 and 7385. (Anker Petersen-Denmark/ DXplorer) till 2211 it was just a fairly strong carrier, then good readable audio started. Hopefully China stays off this channel some days more. (Harald Kuhl-Germany/DXplorer)

MALAYSIA 6050, Asyik FM at 1238 in Bahasa May with woman and pop music; at 1300 this outlet continued with pop music and was not in parallel to others for RTM national news. Good Aug 20. (Sellers-Canada/DXplorer)

9835, Sarawak FM at 1212 in Bahasa Malay with music, male announcer said "salam" several times; at 1300 with RTM news parallel to 5965 and 11665. Good Aug 20. (Sellers-Canada/DXplorer)

11665, Wai FM at 1218 in Bahasa Malay, man speaking to woman with English phrase "I think, therefore I am" and "optimistic" which was said several times and also spelled, 1224 into pop

Malay music; at 1225 "Wai FM" ID and at 1300 RTM national news also //5965 and 9835. Good Aug 20. (Sellers-Canada/DXplorer)

MALI 5995, Aug 3, 2133, RTV Mali, talks, audio better than last months, fair. (Giampiero Bernardini-Italy/PlayDX) 5995, Radio Mali, Bamako, 0555-0610, 10-08, Vernacular songs, at 0800 anthem, tuning music, identification, French, comments. 24322. (Méndez-Spain/PlayDX) 5995, ORTM Bamako lovely clear signal at 0630 with some kind of magazine nx program in FF by multiple hosts, male and female, and remote phone-ins. Clear canned IDs in FF for "O-R-T-M" with musical stinger. Signal is very nice, although either they are only getting 25% of they possible audio, or they are UNDERNEATH an open carrier of another station that is not modulating. Nevertheless, a very good SWLing signal and fun to hear these guys again. This is big fun. During the news show, multiple canned IDs where somebody yells "O-R-T-M _____"! and then a musical burst. At 0640 into a pop African music pgm, highlife etc. Pretty slick. Only occasional splash from Habana 6000. It's worth getting up to hear this at reported *0559 -- I only arrived a few minutes later. At first, thought must be something else, as the signal was so nice. Also, big carrier deflecting my S-meter, am still not sure if it was theirs or another o/c on the fqy. Probably theirs, it now seems to me, and they didn't optimize their audio ... (Ralph Perry-IL)

MICRONESIA 4755.57, The Cross R. "Love is the Answer" remake at 1030, 1032 usual ID intro for "The Edge" segment, said pgm, then back to Christian Pop mx. ID outro for spiritual message segment at 1045 recheck. Even better than 9 August and best signal since last season. 12 August. (Dave Valko-PA/PlayDX)

MYANMAR 7200.07, Myanma R, Yegu, Yangon, 1414-1456*, Aug 04, found them back on this former frequency; 1414-1420 extremely distorted audio; audio suddenly cleared up; 1414-1429 indigenous style C&W singing; 1430 usual theme music leading into their "Distance Learning Service" with lecture in vernacular till off suddenly at 1456*; lecture was // 5915 as usual; overall poor. (Howard-CA/ DX Window)

9730, Myanma R., 1105, incredible strength and thought it was CNR back on this freq again, so tried to // but found none. By the time I came to the realization it was actually Myanmar, it had already

dropped down. Was way down by 1120. Probably the best heard this year. 1 August. (Valko-PA/PlayDX) 9731, Myanma R. (pres.), off freq and barely audible. Just voices here and there after 1108, then mx pgm from about 1114. Couldn't detect the usual them mx at 1129 but there was mx. W annrc then at 1130, and gone at 1130:50. So it must have been Myanmar. Nowhere near as strong as it was yesterday on 9730. 2 August. (Valko-PA/PlayDX)

NIGERIA 6089.9, R Nigeria, Kaduna, 0422, Aug 11, vernaculars, s/on ID, 22442. (Pankov) Also heard at 1931, Aug 04, 08 and 11, Hausa to Africa; CRI in Romanian is off. (Ivanov-Bulgaria and Pankov-Bulgaria/DX Window)

9689.90, Voice of Nigeria, Abuja or Ikorodu, 2030-2100, Jul 23, folk song, there is signal on no modulation sometimes, I believe it's CNR from weak Chinese talk at times, R Free Asia in Chinese started at 2100, 33333. I think that transmitter site is Abuja. (Wagai-Japan/DX Window) It is not yet on the HFCC official schedule. (Petersen-Denmark/DX Window) 9689.9, Aug 3, 2005, V. of Nigeria, Ikorodu, Hausa, talks, fair/good. (Giampiero Bernardini-Italy/PlayDX)

11700, Voice of Nigeria, Ikorodu, *2100-2200*, Aug 02 and 03, Swahili talks about Ebola outbreak, 25442. (Ford-UK/DX Window)

15120, Voice of Nigeria, Ikorodu, *0445-0450*, Aug 01 and 04, transmitter on at 0433 with strong test tone which covered CRI that was already broadcasting in English; *0445 test tone off and start of their African instrumental music IS with IDs in English - "This is the Voice of Nigeria, Lagos"; off at 0450* leaving CRI in the clear; VON mostly fair; checking till 0505 found that VON did not broadcast again. (Howard-CA/DX Window) Regular English news heard at 0602, Jul 30, poor. (Sellers-Canada/DX Window)

PAPUA NEW GUINEA The only active PNG stations as of 3/8 on shortwave are: 3205 Radio Sundaun; 3260 Radio Madang; 3385 Radio East New Britain; 7325 Wantok Radio Light. (Craig Seager-Australia/ARDXC YG) Heard these three this morning 1030 to 1120, 3204.6 Radio Sundaun; 3260 Radio Madang; 3385 Radio East New Britain. (Bob Wilkner-FL/DXplorer)

3385, NBC East New Britain, Rabaul, 1155-1208, Aug 01 and 04, pop music and ann in Tok Pisin, 1201:20 woman with NBC news in English, 1207 adv for investment company, news ends at 1217 with ID in English for: "NBC East New Britain Provincial News", 35333, during news // 3205 Sandaun (very weak) and 3260 Madang (poor). (Howard-CA and Sellers-Canada/DX Window) 3385, NBC East New Britain at 1227 with pop music, announcer in Tok Pisin, except string of ads at 1228 were in English, off at 1232 mid-song. Fair Aug 20. (Sellers-BCanada/DXplorer)

7324.96, Wantok R Light, Port Moresby, 1231, Jul 23, clear program ID for "Back to the Bible", semi-readable program. On Jul 30 and 31, CRI was back on the air again (1000-1257), but the good news is, that WRL can still be heard in the clear with religious program in English 1400-1429, when CRI again signs on. Fairly sure Aug 04 they were off the air; no trace of any open carrier during clear 1400 to 1430. (Howard-CA/DX Window) 7324.96, Wantok R. Light, end of what may have been the "Unshackled" pgm at 0955, then studio W annrc giving the pgm contact info, and China came on and ruined one of the best receptions as of late. 2 August. (Valko-PA/PlayDX)

PERU 4747.627, R. Huanta Dos Mil, series of canned anmnts at 1005 but wasn't there at 1001, so must have signed on between those times. 1011:55 ID by M during presumed usual nx pgm. LAs doing a little better this morning. 12 August. (Dave Valko-PA/PlayDX) 4747.60, R. Huanta 2000, Huari; at 0055-0120 on Aug 8, ads: "Importaciones Hiraoka", Inmobiliaria... al costado de Radio Huanta. Pgm hosted by "cuack" doctor José Santos Mochica NOTE: verified fq is 4747.60, earlier was 4747.20. 44444. (Pedro F. Arrunátegui-Perú/DXplorer)

4774.92, R. Tarma, Signal popped on at 0958:34, some deadair, then surprised to hear the Windows XP opening theme melody at 1000:35!! A little more deadair, then start w/full canned ID anmnt by M w/freqs and calls and contact info, into mx pgm. Only fair and very noisy. 2 August. (Valko-PA/PlayDX) 4774.90, R. Tarma, Tarma, Junín; at 1125-1150 on Aug 11, advs: "Universidad Alas Peruanas, la mejor oportunidad". ID on passing: "A través de Radio Tarma del Perú", news. ID: "Radio Tarma Internacional", interview about candidates for the regional govt. 33333. (Pedro F. Arrunátegui-Perú/DXplorer)

4810, R Logos, Chazuta, Tarapoto, 1030-1035, Jul 29, enchanting music, the strongest signal from Peru on regular basis. (Wilkner-FL/DX Window)

4835.00, R. Ondas del Sur Oriente, Quillabamba, at 1125-1140 on Aug 16; folk mx, in Sp, ads in Quechua, ID: "Radio Ondas del Sur Oriente", prgm: "La Hora del Folclor en fin de semana", promo in Sp against people traffic, "Seguro Integral de Salud, te recomienda Red de Salud de la Convención. 44444. (Pedro F. Arrunátegui-Perú/DXplorer)

4939.97, Aug 14, 2356, Tent. R San Antonio, Villa Atalaya, Ucayali with weak audio. Not possible to get a proper ID. Acc to info from the web this station is educational. Not active on Aug 15 when checked in my recording at 2356. On Aug 17 sign off at 0058". (Thomas Nilsson-Sweden/SWBulletin) 4939.98, R San Antonio, Villa Atalaya, Ucayali; at 2255-2320 on Aug 7; prgm: "Pastoral Universitaria te informa", Andean tropical mx. Mentions of student problems in Atalaya; ID: "Un saludo a todas las personas que se encuentra en la sintonía de su programa Pastoral Universitaria, en los 95.5 de la FM Radio San Antonio..." ID on passing: "A través de Radio San Antonio, 95.5 de la FM". 33333. (Pedro F. Arrunátegui-Perú/DXplorer)

4955.00, R. Cultural Amauta, Huanta, Ayacucho; at 2325-2345 on Aug 14; prgm in Sp & Quechua, ad ment convenience of using native seeds: "sembrar semillas nativas garantiza nuestra vida", prgm: "Inma Itusiki", ID: "Desde la ciudad de Huanta, transmite Radio Cultural Amauta, en FM 99.9 Stereo"; prgm: "Chaski Willay", ID in Quechua. 44444. (Pedro F. Arrunátegui-Perú/DXplorer)

4985.51, R. Voz Cristiana, Chilca, Huancayo. First time heard this year at 1120 with American-style religious talks in Spanish and another language (possibly Quechua), occasional IDs, and snippets of Andean music. Didn't note any change of pace at 1200. Monitored through to f/out 1215, fair to poor signal on 22/7. Rarely heard here. (Wagner-Australia/ARDXC)

5980, R Chaski, Urubamba, 2356-2357, Jul 29, ID, S7 signal. Off air on Jul 30 at check 2230 as reported by others. Back again as usual on Jul 31 when checked at 2230. (Nilsson-Sweden/DX Window) 5980.00, R. Chaski, Urubamba, Cusco; at 2340-0005 on Aug 12; Rlg prgm: "Momentos decisivos", in // w/ 700 "Red Radio Integridad", Lima. 44444. (Pedro F. Arrunátegui-Perú/DXplorer)

6173.85, R. Tawantinsuyo, Cusco; at 0010-0035 on Aug 12; ID on passing: "Por Radio Tawantinsuyo", in Sp and Quechua; news, "Noticiero ABC", another ID on passing ID: "A través de Radio Tawantinsuyo", promos for election of regional president. 44444. (Pedro F. Arrunátegui-Perú/DXplorer)

PHILIPPINES 15190, Aug 3, 1912, Radio Pilipinas, Tinang, Tagalog, talks fair. (Giampiero Bernardini-Italy/PlayDX)

RUSSIA Voice of Russia Shuts DC Bureau: Facing legal problems, the Russian government-funded radio network - the Voice of Russia - has fired its Washington bureau staff and closed the office. The shutdown happened Monday, amid allegations of tax fraud and claims of racial discrimination at the network. Alexei Iazlovsky, the head of the VOR's U.S. operations, pleaded guilty last year to tax fraud and will be sentenced later this year. VOR's employment practices also have attracted attention from the IRS and the Equal Employment Opportunity Commission. The IRS is investigating whether VOR used contractors alongside full-time, salaried employees to skirt payroll taxes. The Equal Employment Opportunity Commission took an interest in VOR after several former staffers claimed they were fired because of their race. The employees have filed a lawsuit against International TV Services, VOR's contract manager in the United States. Some suspect Voice of Russia will quickly return to the U.S. through a different management company without the legal troubles. Earlier this year, the Russians stopped Voice of America broadcasting in Moscow on AM radio. (VOA News.Com)

SAUDI ARABIA BSKSA Holy Quran See on new frequency on Aug 4:

0900-1200 NF21600 Arabic, ex. 11935, //17570 Arabic, //17615 Arabic (Ivo Ivanov-BUL, via wwdxc BC-DX TopNews Aug 4)

SOLOMON ISLANDS Disaster warning system in Solomon's to be strengthened: The Japanese government has given Solomon Islands a new radio broadcasting transmission facility to strengthen the country's disaster early warning system. The system will be run through the National Broadcaster, SIBC, and has been donated under a project called the 'Improvement of Radio Broadcasting Network for Disaster Prevention'. The project now enables the provision of 24 hours

shortwave radio broadcasting, and communication between respective government authorities. It also increases the coverage of radio broadcasting to nearly 100 percent of the country's population which will be a significant step in uniting the country for disaster preparation. (Radio New Zealand/ NZRDXL) The Solomon Islands Broadcasting Corporation have opened a new transmitter, donated by the Government of Japan. According to a contribution to the DX League's Yahoo Group submitted by Martin Hadlow, '... the official thank you speech from the SIBC included a note about "a New Zealand listener" who had heard initial transmissions from the new 9545 kHz transmitter. That person was Bryan Clark. As Bryan is probably too modest to mention this, I thought I would bring it to your attention.' Thank you for doing so, Martin. As Martin said, at the end of his contribution, '... Bryan's report again proves the value of DXing to shortwave broadcasting operators who are always interested in learning how their signal is being heard in remote locations.' (NZRDXL)

5020, SIBC, 1155 preacher in English, 1157 woman with closing announcements including "You have been listening to the Solomon Islands Broadcasting Corporation, Radio Happy Isles.", frequencies, 1158 national anthem to close. Fair, Aug 20. (Sellers-Canafa/DXplorer)

9545, SIBC, Honiara. Fair w/island singing etc, until 0500*, seems regularly on this schedule, 3/8. (Craig Seager-Australia/ARDXC YG) 9545, SIBC, Honiara, 0423-0500*, Aug 01 and 04, started out with just open carrier below threshold level (no audio) and by sign off was hearing pop songs. (Howard-CA/DX Window)

SPAIN REE. In Thursday's edition of "Listener's Club" (heard Friday 15 August at 0000 on 6065) more details were given of impending changes at REE by Alison Hughes at Justin Coe. In summary, this is what they said: From Sept 1st, REE will eliminate their live news broadcast and will present a 1-hour recorded programme which will be broadcast on TVE television at 1am [presume local time i.e. 0000UTC] Monday to Saturday. The shortwave service [to Europe/Africa at 1900 Monday to Friday and 2100 Saturday and Sunday] will be discontinued from 1st September. The shortwave broadcast at 0000UTC to North America will continue until 1 October when it is likely that the shortwave service will be terminated. No mention was made of impact to Spanish language

programming. Details were unclear, but it may be that the 1-hour recorded programme will remain available via the REE website as a daily podcast (I guess following the example of stations such as Radio Bulgaria - which prepares a daily "podcast" of features and current affairs, but has no daily news bulletins). (Alan Roe-UK)

REE, Madrid, announced in their Letterbox, that they will end the English broadcasts to Europe by the end of Aug 2014 and to North America by the end of Sep 2014. (Koie-Denmark/DX Window, Aug 16)

SUDAN 9505, Voix du Sudan, email-QSL, 19 days. V/s: Bakhit Bushara, bakhit02bb@yahoo.com. (section française de Radio Omdurman). (Alvaro López Osuna-Spain/PlayDX)

SRI LANKA 11905, SLBC. Outstanding signal. Came on around 0113, and audio suddenly popped on w/mx, one short and one long tick, W w/nice ID, and into regional mx. Another ID by W at 0128:50, and back to mx. Almost S9+10. Just amazing. 15 August. (Dave Valko-PA/PlayDX)

SWEDEN Radio Nord Revival plan to transmit on medium wave 1512 and shortwave in the 49 and 75m bands on 23 August as part of the Radio Day to celebrate 100 years of the Vaxholm Radio coastal station (on an island in the Stockholm archipelago) which opened in 1914. Radio Nord (Revival) is a tribute to the former 60s Swedish offshore station and they plan to have a studio set up at Vaxholm Castle for the event which is open to the public. (Alan Pennington/British DX Club) Well heard on 9295. (RAD)

TAJIKISTAN 4765, Tajik Radio, Dushanbe, 1900-1017, 13-08, Tajik music, songs and comments. 24322. (Mendez-Spain/PlayDX)

THAILAND 5875, R. Thailand Int., 1115 caught "This is HSK9..." canned ID by M in EG, then into Cambodian pgm. Very nice signal and fairly quiet for a change. Easily as good as the 31mb outlet with the Malaysian program to 1215. The 15590 EG broadcast at 0000 was rather poor. 9 August. (Dave Valko-PA/PlayDX)

UGANDA 4750, staying with Uganda, Arthur Miller has also logged Dunamis Shortwave (tentatively) with closedown at 1928 - tentative because he heard no announcements, though the African songs and closedown times make it the likely candidate

on that frequency: "I last heard the station a couple of years ago, when their policy seemed to be to play soft Afro-style songs with few or no announcements. I've not seen any recent reports. I did check on other days but heard no trace of a station". (I did hear Dunamis in October 2013 in Sheigra, Scotland, but also frustratingly with no IDs). (British DX Club)

4976, Aug 3, 2042, UBC, Kampala, Uganda, songs, talks, fair. (Giampiero Bernardini-Italy/PlayDX)
4976, Radio Uganda, Kampala, 1907-1925, 08-08, English, comments, Vernacular songs. 14321. (Méndez-Spain/PlayDX)

UKRAINE Reception of Ukrainian Radio HS-1 via Radio Dnirovska Hvylya:

0600-0730 on 11980.1 ZPR 0.3 kW Sat/Sun (DX Re Mix News, Bulgaria)

USA The Broadcasting Board of Governors established a Special Committee on the Future of Shortwave Broadcasting to undertake a comprehensive review of shortwave radio as a delivery platform. The review concluded there is a critical need for shortwave in key countries but it is a medium of marginal and continuously declining impact in most markets. Even in countries where significant today, audiences will migrate to other platforms as they become accessible. The Committee recommended BBG take an aggressive approach to reduce or eliminate shortwave broadcasts where minimal audience. Evidence suggests availability of high-quality content on preferred platforms is primarily responsible for declining use of shortwave. Shortwave users generally have viable alternative means of accessing content. Top target demographics are unlikely to use shortwave exclusively or at all. The BBG found no evidence that shortwave usage increases during crisis. Audiences continue to use existing platforms or seek out anti-censoring tools. Shortwave is a relatively expensive platform to operate and maintain. Digital Radio Mondiale ("DRM") is unlikely to become an established mass media broadcasting methodology in enough of BBG's current or future markets to justify the costs. The Committee supports almost all of the shortwave broadcast reductions previously approved by the Board under sequestration and implementation of the FY2014 Operating Plan. However, give the current situations in Ukraine and other nearby

states with large Russian-speaking populations, the Committee recommends revising FY14 Operating Plan and ensuring that shortwave broadcasts in Russian and the Caucasus be continued at current levels, subject to re-evaluation during FY16 budget formulations process. (BBG Fact Sheet) That latter finding is in direct conflict with earlier finding that "BBG found no evidence that shortwave usage increases during crisis. Audiences continue to use existing platforms or seek out anti-censoring tools". As so it goes ... (RAD)

UZBEKISTAN 9390, IBRA Radio in Bengali at 1506 on Aug 18. Male prayer. S=9+15dB at -55dBm strength in southern Germany. (Wolfgang Büschel-Germany, wwdxc BC-DX TopNews Aug 18)

VANUATU Vila not observed on 3945 8/8 0830 and only spasmodic on 7260 with weak signal, generally from 0700. Unable to trace medium wave outlets (1125, 1179) despite several checks, even when Pacific island states were "in". (Craig Seager-Australia/ARDXC)


VATICAN STATE 11995, HFCC list of Aug 3rd shows IBB Kurdish language entry here, via Santa Maria di Galeria. But on Aug 11 heard VoA in slow English instead at 0530. (Wolfgang Büschel-Germany, wwdxc BC-DX TopNews Aug 11)

YEMEN Radio Sana'a was back on shortwave again after break for Ramazan

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

6135, Rep. of Yemen R, Sana'a was back on SW again after break for Ramadan, 1800-1902v*, Aug 05, 08 and 11, English, 1859 Arabic ann. (Ivanov-Bulgaria/DX Window)

ZAMBIA Receptions of Zambia NBC Radio 1 on Aug.6/7 with strange noise from 2000 on 5915 LUS 100 kW / non-dir to SoAf Local lang. (DX Re Mix News, Bulgaria)

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

Pirate Radio Report

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

My apologies to the NASWA membership for being confused last month about the column deadline dates. I have now been more thoroughly educated about that, and we will catch up next month.

Shortwave broadcasting inevitably increases around major North American holidays. With Labor Day weekend early in September, you ought to make your plans to listen to the increased pirate broadcasting activity that is certain to appear over that weekend.

Dr. Benway of Undercover R. and Ullis Fleming of MD forwarded a major media development in pirate radio. *Radio World*, the major trade publication for North American radio broadcasters ran a lengthy and detailed story about pirate radio during early July. The story emphasized the importance of free speech as the rationale for pirate broadcasting, with considerable attention to the history of Undercover R. on shortwave. Dr. Benway's advocacy for what he calls "hobby broadcasters" holds the record for the most prominent media coverage of pirate radio thus far during 2014. The article included photos of Undercover R. t-shirts and a QSL from the station.

One sentence of the widely read *Radio World* article is worth a quote, "Most North American pirate radio operators who broadcast in the shortwave bands do so between 6850 kHz and 6935 kHz. Some stations will occasionally transmit Morse code, Slow Scan Television or radio teletype, but most stick to amplitude modulation or single-sideband modes so they can be heard by the largest audience possible."

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:

Black Bandit 6320 AM 2320-0126* 6/27-28/14 SIO=232. A Dutch Euro w/a prgm of Dutch polka and accordion mx (Lobdell-MA)

Black Bandit 6320 AM 0023-0115+ 6/30/14 SIO=444. Another Dutch polka and accordion mx prgm from this Euroirate (Lobdell-MA)

Boombx R. 6949.2 0223 6/27/14 weak and poor. Prgm of OM tlc and mx (Taylor-WI)

Captain Morgan 6950.7 AM 0116 7/21/14 weak and poor. Prgm of mostly Motown mx (Taylor-WI)

Captain Morgan 6950.8 AM 0133 7/21/14 weak. Prgm of parody mx (Hauser-OK)

Cave Man R. 6924.2 0050 7/7/14 weak. Tlc and mx, perhaps a radio play (Taylor-WI)

Generation Wild 100 6949.2 0223 7/6/14 good. Light jazz mx w/frequent IDs (Taylor-WI)

Generation Wild 100 6925 0227-0302* 7/6/14 SIO=343. Jazz mx prgm; 0305-0400 7/12/14 SIO=444. Jazz mx w/frequent OM IDs (Lobdell-MA)

Generation Wild 100 6925 0312 7/8/14 fair. Prgm of jazz and be-bop mx; 0135 7/23/14 fair to good. Prgm of rock and mellow jazz (Taylor-WI)

Hard Tack R. 6924 AM 0146-0100 7/21/14 fair. Prgm of civil war mx w/SSTV digital image at close (D'Angelo-PA)

Hard Tack R. 6930 AM 0040 7/21/14 poor. Prgm of civil war mx (Taylor-WI)

Insane R. 6924 AM 0120-0130+ 7/7/14 SIO=343. Rock mx plus parody CD ad for \$4 and urine sample (Lobdell-MA)

KMUD 6925 0223 6/27/14 weak in static. Prgm of OM tlc w/CW ID (Taylor-WI)

MAC 6950 0043 6/29/14 fair. Jimmy Stewart w/prgm of ancient rural folk mx (Cooper-PA)

- MAC** 6950 AM 2343-0101* 7/5-6/14 SIO=454. Jimmy Stewart w/prgm of very old Perry Como and Dean Martin mx (Lobdell-MA)
- MAC** 6950.5 0048 7/6/14 fair. Spike Jones and other pop mx w/USA NA at close as usual (Taylor-WI)
- MAC** 6924.6 0030 7/13/14 fair. Jimmy Stewart w/mx and denial that he is connected to Glenn Hauser and Timtron (Taylor-WI)
- MAC** 6925 AM 0037-0042* 7/13/14 SIO=454. Hrd end of prgm w/pirate song and USA NA (Lobdell-MA)
- MAC** 6925 AM 0041-0048* 7/21/14 good. Jimmy Stewart w/prgm of big band mx and wx (D'Angelo-PA)
- MAC** 6950.4 0041-0009 7/21/14 poor. Jimmy Stewart w/prgm of big band mx (Taylor-WI)
- Renegade R.** 6925 0223 6/27/14 fair. Prgm of largely punk rock mx (Taylor-WI)
- R. Free Whatever** 6945 0212 6/24/14 fair to good. Prgm rock mx; 0122-0129 7/7/14 weak. Dick Weed and Stephen w mx/tlk w/ Soviet Union NA; 0052 7/13/14 good. Dick Weed and Stephen w/prgm of big band mx (Taylor-WI)
- R. Free Whatever** 6925 0052 7/13/14 fair. Dick Weed and Stephen w/prgm of mx (Cooper-PA)
- R. Free Whatever** 6925 0052 7/13/14 weak. Prgm of mx (Hauser-OK)
- R. Free Whatever** 6945 0122-0129 7/7/14 weak. Prgm of mx w/Soviet Union NA (Taylor-WI)
- R. Free Whatever** 6925 0048-0157* 7/13/14 SIO=444. Dick Weed and Stephen w/pop mx de the 1950s (Lobdell-MA)
- R. Free Whatever** 6925 0100 7/27/14 fair. Dick Weed and Stephen w/prgm of punk rock (Taylor-WI)
- R. Ga Ga** 6925 0033 7/20/14 fair. Prgm of rock mx (Taylor-WI)
- R. Marabu** 6240 AM 0048-0137+ 6/28/14 SIO=232. German Euro w/a prgm of very old pop mx (Lobdell-MA)
- R. True North** 6935 AM 0510 6/28/14 SIO=232. Carrier w/little audio copied (Hauser-OK)
- R. True North** 6940 AM 0659-0715+ 6/28/14 SIO=232. Prgm of mx w/a clear ID (Lobdell-MA)
- Summermeeting R.** 6300.6t AM 0114-0222* 7/6/14 weak. Rock mx w/possible GG ID at 0200 (Lobdell-MA)
- The Crystal Ship** 6876 7/4/14 good. 4th of July prgm of mx having USA themes (Taylor-WI)
- Whiskey Redneck R.** 6933 0130 7/18/14 good. Mx prgm "transmitting in the name of the screaming electron" (Hauser-OK)
- Wolverine R.** 6950 0138 7/6/14 poor. Pop mx prgm w/distorted modulation (Cooper-PA)
- Wolverine R.** 6950 0118 7/6/14. Prgm of country and big band mx (Taylor-WI)
- Wolverine R.** 6950 0135-0225+ 7/6/14 SIO=555. Mx w/"eye" in the title of all songs (Lobdell-MA)
- XFM** 6945 2304-0203 7/5/14 good. Instr mx prgm w/IDs and shout outs (Taylor-WI)
- XFM** 6945 0232 7/5/14 poor. Instr mx prgm said to be in C-Quam stereo (Hauser-OK)
- XLR8** 6925 2304-2318+ 6/25/14 SIO=121. Prgm of mx and OM tlk (Lobdell-MA)
- YHWH** 9610 0545 6/26/14 SIO=121 poor to fair. Religious discussion of the sabbath (Hauser-OK)
- YHWH** 15825 0522 7/6/14 good but deep fades. Usual religious prgm on WWCR freq! (Hauser-OK)
- YHWH** 9600 0642 7/9/14 poor w/fades. Religious prgm (Hauser-OK)
- YHWH** 9600 0410-0442* 7/12/14 good. "Goodbye to Christians" prgm w/sitar mx (Kusalik-AB)
- YHWH** 15655 2318 7/19/14 poor w/fades. Tnx Rich Bay IL tip (Hauser-OK)

QSL Report

Sam Barto • 78 Blakeman Road • Thomaston, CT 06787



ALBANIA: China Radio International 13710 f/d "The Great Family of the Chinese Nation" cd. series # 56-45. The card was endorsed "via Albania". The card featured a young lady from the Jino ethnic minority doing some weaving. (Roe-UK).

AUSTRIA: Voice of Vietnam 9625 I rcvd. two cds. for two separate postal rpt. in 47 ds. The first QSL features a fantastic B&W photograph of a "H'Mong Lady". The second QSL

features a colorful photograph of rolling terraced hills captioned "Che Tao Commune, Vietnam". (Roe-UK).

CHINA, PEOPLES REPUBLIC OF: China Radio International 17490 QSL cd. rcvd. in 32 ds. for a postal rpt. The cd. is from the "Great Family of the Chinese Nation" series # 56-46 and features a young lady from the Jing ethnic minority. Also rcvd. a very nice postcard in

STATION NOTES: Radio Prague 6000 via Sackville WEB: radio.cz/es/report
China Radio International 7335 Email: spa@cri.com.cn Adera Dumtse
Radio 13820 via Nauen Email: ecadf@ecadforum.com Free Radio North
Korea 7585 Addr: Free North Korea Radio, P.O. Box 92, Mok - Dong, Yangcheon - GA - Seoul 158-600, South Korea. Email: minjae.oh.0221@gmail.com v/s Min Jae Oh. Open Radio for North Korea 7550 v/s Han Gwanhe Hee, Program Director. Radio Bar-Kulan 15750 v/s David Smith, Director. Email: barkulanradio@gmail.com Radio Biafra 12050 v/s Andrea Lee, Customer Relations Officer, VT Communications. Radio Cotton

Tree
 15220 via Ascension
 Addr:
 Fondation
 Hirondele,
 P.O.
 Box 766,
 Freetown,
 Sierra Le-
 one..via
 PLAY DX..
 Sam.

the same series, # 56-48 and it features another young lady, this time from the

MEDIA BROADCAST confirms your reception report

Name Radio Farda Programme not specified

International Broadcast Bureau

Frequency 9510 (Wednesday) Time 29.06.08, 02:00-03:30

MEDIA BROADCAST

Signed, Mr. Michael Puetz
 Signature

Date 23.07.08

Thank you for listening!



MEDIA BROADCAST, Bastionstr. 11 - 18, 52428 Nijich, Germany, www.mediabroadcast.com



Richard D'Angelo

2216 Burkey Drive

Wyomissing, PA 19610

U.S.A.



Radio Jordan

Dear Mr. Smith,

Greetings

Radio Jordan has the pleasure to verify your reception report dated 2. Dec. 2009 on the frequency of 9.830 KHz at 2000-20:30 UTC (GMT) (in the Arabic language.

The details mentioned in your report have been checked and found correct.

Thank you for listening in to our broadcasts.

Best regards from Radio Jordan.



Sincerely
Jassor
Director/mahees

Mulao ethnic minority group. CRI also sent a copy of their quarterly magazine and a very nice set of paper cuts. (Roe-UK)... Their paper cuts are beautiful. I have about 30 different all framed and under glass... Sam.

FRANCE: Radio Oomrang
15215 via Issoudun
The station was verified through Media Broadcast in 80 ds. w/ a f/d PDF attachment from Walter Brodowsky who apologized for the delay. My previous response was from Michal Putz.

GERMANY: Trans World Radio - Europe 6105 Email QSL in 9 ds. (D'Angelo). for a postal rpt. to: TWR - UK, P. O. Box 606, Altrincham, WA14 2YS, UK. The reply came from the Austrian office and v/s Kalman Dobos at: kdobos@twr.org. The QSL features a sunset photograph of the antenna towers. (Roe-UK).

ITALY: Associazione amici di Italcable 10000 The station verified my email rpt. w/ a f/d "Antenna" cd. via postal mail in 30 ds. They can be contacted at: info@associazioneitalcable.it (D'Angelo-PA).

MALAGASY REPUBLIC: Radio Impala 17510 via Talata Volonondry The station

STATION NOTES: Flying Dutchman 6307 Email: fd@hmnet.nl **Speedwing Radio** 6320 Email: speedwingradio@gmx.net **Radio Zeewolf** 6325 Email: radiozeewolf@hotmail.com **Uncle Sam Radio** 6422 Email: unclesamradio@hotmail.com (I didn't know I had a Euro Pirate named after me. What an honor!) **Radio Universe** 6450 Email: radiouniverse@hotmail.com **Radio Nord** 9940 v/s R. Forslund **All India Radio** most sites v/s T. Jaisak-



thiv-
el.
via
PLAY
DX.

Richard A. D'Angelo took the RFE
smoke signal on June 30, 2007
on 6925 kilohertz USB mode
from 2303 to 2343 UTC, man.

Bayerischer Rundfunk via D'Angelo
Technische Information

Wir bestätigen dankend Ihren Empfangsbericht
We acknowledge your reception report
vom dated 16.10.2002

Über unseren Sender
on our transmitter Zsmaining
 MW 720 kHz UKW KW 6085 kHz
 MW 801 kHz TV Internet (B5 aktuell)

und wünschen weiterhin einen guten Empfang
and hope that you will always have a good reception.

Mit freundlichen Grüßen
With best regards J. Berger

Bayerischer Rundfunk
Technische Information
D-80300 München
Germany
+49 89 5900 2433
+49 89 5900 3199
e-mail TechnInfo@br-mail.de

verified my email rpt. w/ a f/d cd. showing local scenes and some fabric on the front of the card in 16 ds. The station is operated by Malagasy Global Business. (D'Angelo-PA).

SEYHELLES: British Broadcasting Corporation
Indian Ocean Relay Station 12095 The station verified my email rpt. w/ a p/d ltr. from Jose Tambara, Senior Engineer in 48 ds. The operations of this station were suspended at the end of March 2014. (D'Angelo-PA).

TIBET: Voice of Tibet f/d and officially stamped QSL card rcvd. in 2 mos. for an Email rpt. to: editor@vot.org The reply came from the station's headquarters in Dharamsala, India. (Brossell-WI)...Glad to have you with us Bob...Sam.

USA: WWV 25000 via Fort Collins The station verified my email rpt. w/ a f/d "Indians on the Praire" foldout cd. in 14 ds. from v/s John B. Milton, Engineer in Charge. QSL cd. # 30422. (D'Angelo-PA).

VIETNAM: Voice of Vietnam

9730 QSL cd. rcvd. in 47 ds. for a postal rpt. The QSL features a beautiful view of Ha Long Bay, Vietnam w/ Turquoise blue water and red Vietnamese boats amongst the karst landscape all around. (Roe-UK).

STATION NOTES: Radio Prague
5930 Email: francais@rad io.cz **China Tibet Broadcasting** 5240 Email: holy tibet@tibetradio.cn Addr: CTB Lhasa City, Beijing Middle Road n 41, Tibet

85000. **CVC La Voz Cristiana** 17680 Email: ondacurta@lavoz.cl HCJB 9835 via **Santiago, Chile** v/s Katja Jeroma. **Marfil Estereo / Alcaravan Radio** 5910 Addr: Libreria Colombia para Cristo, Calle 46 No. 13-56 Blq. C., Apartado 215, Bogota, DC, Colombia. Email: cpclibros@hotmail.com alternate Addr: Rafael Rodriguez R., Apartado Aereo No. 67751, Bogota, DC. alternate Email: rafaelcoldx@yahoo.com **Radio Exterior de Espana** 3350 Email: ree@rtve.es v/s Javier Sanchez. alternate Email: amigodsx@rtve.es **Bar-Kulan Radio** 9960 Email: barkulanradio@gmail.com v/s Sunni Said Salah, Radio Bar-kulan Sports Chief Editor. Email: sunnijournalist@gmail.com ..also v/s David Smith, Director Bar-kulan Radio..via PLAY DX

Kepada Yth,
Sdr. Samuel Perfo
Dengan hormat,

Kami merasa senang membenarkan laporan anda mengenai penerimaan siaran kami pada pukul 13:45 ---pukul 13:58 tanggal 20 Juli tahun 2002 pada gelombang 15135.0kHz

Terima kasih atas perhatian anda pada siaran kami dan surat anda kepada kami! Kami harap anda dapat selalu mengikuti siaran kami dan menulis surat kepada kami.

Teriring salam hangat!

Hormat kami,
Departemen Bahasa Indonesia CRI



Well we now end another successful QSL Column. Till next time...

Sam

Scoreboard

Gary R. Neal • P.O. Box 1 • Cockeysville, MD 21030-0001 • grneal@earthlink.net

This month we are highlighting our members' totals from Asia. Ranking is based upon Asian Countries Verified. This is your chance to show everyone how well you are doing. The next deadline is February 15th for the March 2015 issue of the Journal. The spotlight will be on Europe.

Name, State	Total		Asia		Best Asia QSL
	C/H	C/V	C/H	C/V	
Don Jensen, WI	256	256	73	73	RKPDT2 Sumbawa (Indonesia - Nusa Tenggara)
Edward Kusalik, ALB	250	249	73	72	Maldives, 4754
Marlin Field, MI	246	246	70	70	RRI, Serui, Irian Jaya (500 w.)
Jerry Berg, MA	244	244	70	70	Em. De Radiodifusao de Timor
Dan Henderson, MD	235	191	73	70	R. Voice of Justice
Steven R. Lare, MI	239	226	71	67	Bhutan (10 Kw)
Harold Cones, VA	234	232	65	64	BBCS Bhutan
Rich D'Angelo, PA	225	223	63	61	R. Afghanistan
Chris Lobdell, MA	229	225	61	60	Bhutan 5030
Sheryl Paszkiewicz, WI	225	219	64	59	Myanmar
Wendel Craighead, KS	235	222	64	58	Giai Phong Radio, Vietnam (South)
George Maroti, NY	206	200	59	57	Bhutan
Ron Howard, CA	212	200	61	56	Azad Kashmir
Stephen Price, PA	198	183	61	56	DPRK & Burma
Paul Buer, FL	219	208	56	53	The Voice of Peace (400 w.)
Christos Rigas, IL	217	198	60	53	R. Bahrain
Jim Evans, TN	213	203	57	51	R. Bangladesh
Stephen Leite, MA	210	197	48	48	Campuchea Peoples Republic
Allan R. Loudell, DE	192	167	53	46	Goa
Ross Comeau, MA	193	172	49	45	VO Meteorology
James R. Renfrew, NY	189	161	49	42	Cambodia
George L. Glotzbach, MN	154	136	46	38	V. of Mongolia
Mark Humenyk, ON	169	148	47	36	Kol Israel
Gary R. Neal, MD	137	127	38	36	Voice of Hope, Lebanon
Jerry Johnston, KY	210	141	56	33	AIR-Andaman Islands
Bill Smith, MA	182	174	32	29	Lebanon
Scott R. Barbour, NH	168	115	49	29	AFN Diego Garcia
Paul Brouillette, IL	148	121	32	27	BPM-China
Joe Kremer, OH	153	104	32	25	Pyongyang
Dan Srebnick, NJ	156	121	35	24	Pyongyang
Edward G. Stroh, IL	135	104	30	23	V. of Vietnam
Scott C. Newman, IN	148	113	33	22	V. of Mongolia
Richard Bradley, MA	145	130	23	21	Korea, Dem. Peoples Rep.
Jilly Dybka, TN	145	108	36	20	R. Pyongyang
Doug Tilley, WA	117	89	22	15	Kol Israel
Richard E. Lawrenson, RI	145	129	14	14	V. of Mongolia
Gary W. Froemming, AZ	184	44	49	7	BSF Time Station (Taiwan)
James W. Young, CA	252	237			
Alex Vranes, Jr. WV	226	216			
Jerry Klinck, NY	220	202			
Dan Robinson, MD	230	196			
Bob Raymond, NH	175	150			
David Turnick, PA	144	129			
Larry Colton, FL	154	125			
John Mosman, WI	120	120			
Ken McCartney, OH	125	73			
Jerry Ervine, TX	110	60			

Contributors' Page

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The following members sent in contributions:

Rich BARTON , El Mirage, AZ	HQ-200, HQ-120X, SP-600, R8, PL-660, random w
John COOPER , Lebanon, PA	WR-G33DDC Excalibur Pro, RF Space SDR-10
Rich D'ANGELO , Wyomissing, PA	RX340, Alpha Delta DX Sloper
John & Sandra DAVIS , Columbus, OH	R-390 & 391As, Mackay 5050A, WJ HF-1000A
Jim EVANS , Germantown, TN	RX340, R75, E1, ICF-SW7600G, G6, 90' lw, 100m loop
Andre FREDETTE , Oakville, ONT	R-75, R8B, NRD-545, 65' random wire
Glenn HAUSER , Enid, OK	FRG-7, DX-398/ATS-909, YB400, ICF SW-07
Bill KURRASCH , New York, NY	Icom 746 Transceiver & Random Long Wire
P. MUSICK , Rome, GA	Icom R75, Comm 15 meter random wire
Richard PARKER , Pennsburg, PA	51S-1, R390A, SE3, ant. farm
Pamela PRODAN , Wilton, ME	YachtBoy 400PE
Alan ROE , Teddington, UK	Winradio G31 Excalibur, 17m long wire
Mark TAYLOR , Madison, WI	Perseus, Winradio g313e, E1, Sat 800, 40m dipole
Dave TURNICK , Sinking Spring, PA	RX340, WinRadio, Alpha Delta DX sloper
Robert WILKNER , Cedar Key, FL	NRD-545, 535D, R8, IC746Pro, E1, Sat 800, Flex EWE

Hello all. This will be my final "Contributor's Page" column. I have enjoyed working with the NASWA staff and all the members who have contributed loggings. Although it will be the first time in a while I have not edited a NASWA Journal column, I still intend to be a frequent contributor of loggings. I wish each and every one of you 73 and Good Listening- Steve Handler



2000-5900 kHz

Tropical Band Loggings

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

- 2325 **AUSTRALIA VL8T** Tennant Creek 0931-0934 W anc in EE; v. weak, threshold lvl sig, w/ fading; a few words heard occasionally; carrier from Katherine noted on 2485, but no audio; 7/30. (Evans-TN)
- 2485 **AUSTRALIA VL8K** Katherine 1020-1035 Weak sig; fades; 7/27 & 8/1. (Wilkner-FL)
- 2850 **NORTH KOREA KCBS** Pyongyang 1130 M anc in (P) KK; hard to tell under the conditions; v. poor; 7/19. (Barton-AZ)
- 3185 **USA WWRB** Manchester 0328 World of Radio 1730 monitoring; confirmed on WWRB, once again 3185 while 5050 is BSing; previous preacher stops & after a respectful pause, WOR 1730 playback starts about 0328; initially blasting in overmodulated until turned down; 7/18. (Hauser-OK) 0130 WWRB is missing from this & not on 3195 or 9370 either, while the BS svc continues on 5050; hope 3185 is back next night at WoR time.; in fact, 3185 is back on at 0556, at this hour back to BS; 7/24. (Hauser-OK) 0612 Open carrier/dead air; it appears the main Overcomer Ministry feed to stns (internet or satellite?) is down & they are coping w/ the situation (or not); 8/9. (Hauser-OK)
- 3200 **SWAZILAND TWR** Manzini 0405 Mx into W anc in GG; more mx into M anc in GG; poor; 8/3. (Cooper-PA)
- 3260 **PNG R. Madang** Madang 0945-0948 (P); W anc in listed Tok Pisin; Weak, threshold lvl sig in lots of noise w/ fading; a few words heard occasionally on peaks; v. tent. log; 7/30. (Evans-TN)
- 3260 **PAPUA NEW GUINEA NBC** Madang heard at 1101 on 8/4/14. a song by a woman, followed by an announcement in presumed Tok Pisin. Fair. (Brossell, WI).
- 3310 **BOLIVIA R. Mosoj Chaski** Cochabamba 0057 (P); W anc in (P) Quecha; 0100 W vel; M anc at 0102; f-p in static; 7/19. (Cooper-PA) 0016-0047 Under t-storm interference; en español at least part of the time; 8/1. (Wilkner-FL)

- 3320 **SOUTH AFRICA R. Sondergrene** Meyerton 0108 Mx w/ W vcl; 0110 M anc in listed Afrikaans; fair; 7/19. (Cooper-PA) 2355 Mx; 2359 mx bridge into M anc; poor; 7/31. (Cooper-PA)
- 3375.1 **BRAZIL R. Municipal** São Gabriel da Cachoeira 0015-0045 Mx & talk in PP; fading & t-storm; weaker than normal; 8/1. (Wilkner-FL)
- 3385 **PNG R. East New Britain** Rabaul 1112 Group singing followed by ancments in (P) Tok Pisin; fair; 8/8. (Brossell-WI)
- 3945 **JAPAN R. Nikkei-2** Tokyo-Nagara 1205 Jazz piano, saxophone & vcls; f-g; 7/25. (Barton-AZ)
- 3985 **SOUTH KOREA Echo of Hope** HWaseong 1130 W anc monologue into vcl mx; good over jammer; 7/17. (Barton-AZ)
- 4055 **GUATEMALA R. Verdad** Chiquimula 0315 M anc preaching in SS; poor; 7/20. (Cooper-PA) 0413 M anc in SS over mx; poor; 8/3. (Cooper-PA)
- 4319U **DIEGO GARCIA AFN** 2312-0020 Pop mx & talk; ute interference from 0006; similar since then, seems back; good w/ narrow filter 1.2k (Wilkner-FL)
- 4699.9 **BOLIVIA R. San Miguel** Riberalta 0000-0030 Noted here w/ weak sig; 7/27. (Wilkner-FL)
- 4716.7 **BOLIVIA R. Yura** Yura 0116 Mx w/ W vcl & M "rap" stylings; M & W anc in 0118; f-p; 7/16. (Cooper-PA) 0052 Mx; M anc at 0055; weak & poor; 7/31. (Cooper-PA) 0010-0030 Stronger than San Miguel; mix of M & W anc w/ mx; 8/1. (Wilkner-FL)
- 4747 **PERU R. Huanta 2000** Huanta 0011-0015 Weak in SS during band scan; noted same time on regular basis; 8/1. (Wilkner-FL)
- 4755 **MICRONESIA V6MP The Cross** Pohnpei 1103 Apparent sermon on the goodness of God; poor; 7/25. (Brossell-WI) 1116 gospel talk in EE; poor sig; nevertheless, nice to hear some modulation from this rather than just timing the carrier cutoff; 8/4. (Hauser-OK) 1103 M w/ prayer svc; fair; 8/5. (Brossell-WI)
- 4765 **CUBA R. Progreso** 0222 (P) Mellow ballad in SS; good; 7/20. (Taylor-WI)
- 4805 **BRAZIL R. Difusora do Amazonas** Manaus 0010-1015 M anc w/ PP chat; fair; 8/1. (Wilkner-FL)
- 4810 **PERU R. Logos** Chazuta 1030-1035 Enchanting mx; the strongest sig from Peru on regular basis; 7/29. (Wilkner-FL)
- 4824.49 **PERU LV de la Selva** Iquitos 0015-0020 W vcls in SS; sig troubled by ute; 8/1. (Wilkner-FL)
- 4835 **AUSTRALIA VL8A** Alice Springs 1119 Interview of military veterans; good; 8/6. (Brossell-WI)
- 4869.9 **INDONESIA RRI Wamena** 1119 (P); Mx audible on the lo side of 4870, vs bonker QRM; presumably RRI Wamena, which Atsunori Ishida confirms active today; 8/4. (Hauser-OK)
- 4875 **BRAZIL R. Difusora Roraima** Boa Vista 0010-0055 M DJ w/ mx; strongest sig from Brasil on 60m; 8/1. (Wilkner-FL) 0310 Ballads in EE & PP; poor; 8/6. (Cooper-PA) 4875.1 0334-0400* M anc in PP w/ prg of PP pop mx; ID at 0356 & s/off ancments over light instrumental mx; b/ cast ended w/ choral NA; p-f; 7/27. (D'Angelo-PA)
- 4915 **BRAZIL R. Daqui** Goiania 0010 M anc w/ ID; mx & talk; poor; 8/1. (Cooper-PA) 0009-0022 (P); M anc in PP w/ spirited talk followed by a vocal selection; more talk noted again at 0017 but poor sig & noisy conditions made getting an ID impossible tonight; may have gone off or just lost in the noise; 8/14. (D'Angelo-PA)
- 4930 **BOTSWANA VOA** Moeping Hill 0540 VOA English, v. poor; & on 4960, VOA French, v. poor; both vs storm noise lvl; but I seldom hear these even this well in my 05-06 UT bandscanning; per latest HFCC, 4930-Botswana, 100 kW at 20 degrees, daily 03-06, all EE; while 4960-São Tomé, 0400-0730, 100 kW at 30 degrees; 7/25. (Hauser-OK) 0421 M anc in EE re iGolden Opportunities?i; 0423 prg re Mars as identified by the Mars Lander Curiosity; fair; 8/3. (Cooper-PA)
- 4940 **CHINA V. of the Strait** Fuzhou 1115 M anc in CC; fair; 7/21. (Brossell-WI) 1058 W vcls followed by M anc in CC w/ (P) ID at 1100; fair; 8/5. (Brossell-WI)
- 4960 **SÃO TOME VOA** Pinheira 0403-0425 EE svc w/ M & W anc w/ nx prg & features; poor; 7/27. (D'Angelo-PA)
- 4965 **BRAZIL R. Alvorada de Parintins** Amazonas 0057 JBA carrier slightly on the hi side during my 60m bandscan; normally don't hear anything around 4965, but fits nicely w/ Thomas Nilsson's rpt from Sweden of a definite R. Alvorada de Parintins, Amazonas, on 4965.01, 7/6 at 2300, as mentioned on WoR 1731; 7/25. (Hauser-OK)
- 5010 **CUBA** 0118 JBA carrier slightly on hi side, not an image from 5910 Colombia which doesn't have the same offset; presumably the 5040 over 5025 Cuban leapfrog; 7/18. (Hauser-OK)
- 5015 **USA WRMI** Okeechobee 0026-0039 Bro. Stair & the Overcomer Ministry w/ EE preaching & letters from listeners; fair; 7/1. (D'Angelo-PA)
- 5020 **SOLOMON ISLANDS SIBC** Honiara 1103 M anc w/ nx; (P) a BBC nx relay; poor w/ static & fading; 7/22. (Brossell-WI)
- 5025 **CUBA R. Rebelde** Havana 0101 Fast paced LA mx; 0103 M anc w/ (P) nx rpt; talk over mx; good; 7/31. (Cooper-PA)
- 5040 **CUBA RHC** Havana 0124 RHC in SS; // 11760, instead of EE during this hour last night; 8/5. (Hauser-OK)

- 5050 **USA WWRB** Manchester 0059 WWRB w/ BS & 3185 open carrier; or was it?; recheck 0105 it's the Tourette gospel huxter who explodes between long pauses to build up steam; 7/16. (Hauser-OK)
- 5580.2 **BOLIVIA R. San José** San José de Chiquitos 0020-0030 Mx w/ fading sig; 8/1. (Wilkner-FL)
- 5830 **USA WTWW** Lebanon 0547 WTWW-1 is back on proper night freq unlike staying on 9475 all night 7/23; however, now at 0553 7/24, 5085 WTWW-2 is missing & not on day freq 9930 either; both still missing at 1222, while 5830 is still on; 7/24. (Hauser-OK)
- 5860 **KUWAIT R. Farda** 0107 Mx prg; fair; 7/20. (Fredette-ONT)
- 5875 **UNITED KINGDOM BBC** Woofferton 0315 M & W ancrs in listed AA; 0321 diff. W ancr; fair; 8/6. (Cooper-PA)
- 5875 **THAILAND R. Thailand** Udon Thani 1130 M ancr in listed Laotian; f-g; 7/26. (Barton-AZ)
- 5890 **USA WWCR** Nashville 0611 WWCR-4 does have BS at a svc w/ big hum & mutterers; playing backup recording?; 8/9. (Hauser-OK)

5901-30000 kHz

International Band Loggings

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

- 5860 **KUWAIT Radio Farda** 1:07 July 20, SINPO 33323 fair, music program. (Fredette-ON)
- 5910 **FRANCE Radio Japan** at 0425, on 3 Aug. Radio Japan is broadcasting in the listed language of Japanese. A male and two female announcers are talking back and forth to each other. Good. (Cooper, PA)
- 5960 **KUWAIT Radio Kuwait** at 0201, on 7 Aug. A male speaker is singing chants. It sounds like verses from the Holy Quran. At 0206 he is still singing. Fair. (Cooper, PA)
- 5970 **BRAZIL Radio Itatiaia** at 0214, on 7 Aug. A male speaker is talking in listed language of Portuguese. At 0219 he is still speaking. Poor. (Cooper, PA)
- 5980 **PERU Radio Chaski** July 24 at 0058, weak carrier as usual, stays on past 0103, but recheck at 0107 it's off. Tomorrow I will have to pin down the new chop time (Glenn Hauser, OK, and DX LISTENING DIGEST)
- 5980 **SOUTH AFRICA Channel Africa** at 0325, on 6 Aug. Station is broadcasting in listed language of English. There is a female speaking but reception is very poor. Poor. (Cooper, PA)
- 5990 **CUBA China Radio International** Havana, 2347-0002 Jul 20, group discussion in English talking about brain functions, forgetting things and deterioration with old age. At 2355 Chinese language lesson with a man and woman announcers. Into Spanish language program at midnight. Very good signal. (D'Angelo-PA)
- 6000 **IRAN Voice of Islamic Republic of Iran** Kamalabad, 0025-0030* Jul 21, male with recitation followed by a man announcer with talk in listed Kurdish language. Apparent Ramadan special program with talks, vocals and recitations but carrier was terminated mid-song at 0030. Fair. (D'Angelo-PA)
- 6000 **BRAZIL Rádio Guaíba** 06-August-2014 at 00:40 to 00:56. Heard mostly adult contemporary music in Portuguese. Both male and female deejays heard. (Musick- GA)
- 6050 **EQUADOR HCJB Voice of the Andes** at 0114, on 31 July. A group of children are chanting what sounds like a prayer. A male is chanting now by himself followed by a group of people chanting back to him. A male is speaking by himself at 0117. Poor. (Cooper, PA)
- 6075 **GERMANY RFE/Radio Liberty** at 0438, on 3 Aug. A male is talking in listed language of Belarusian at 0439. A female speaker is talking with him at 0440. At 0441 a male is talking with music in the background. Good. (Cooper, PA)
- 6080 **BOTSWANA Voice of America** Moepeng Hill, 0320-0347 Jul 18, English language discussion with several people followed by Daybreak Africa mention by a man announcer. Several promo announcements and IDs plus website mention at 0328. VOA International Edition commenced at 0330. Poor to fair. (D'Angelo-PA)
- 6080 **SAO TOME Voice of America** 0333 to 0344 with an ID at 0334, SINPO=45434, I heard a report from Kiev that there is now evidence that Russia is firing missiles into the Ukraine (Davis-OH)
- 6080 **BOTSWANA VOA** at 0325, on 6 Aug. VOA Africa station ID was followed by a male talking with music in the background. He gave a VOA address to send comments to for VOA Africa. A female speaker came on at 0330 along with another VOA station ID. Fair. (Cooper, PA)

- 6134 **BOLIVIA Radio Santa Cruz** Santa Cruz, 0038-0106 Jul 25, two men with talk in Spanish followed by a woman with an announcements. Latin vocals followed. A man appeared to be hosting a music program. ID and contact information at 0050 by a woman announcer. Series of announcements followed by more IDs and vocal selections. Fair. (D'Angelo-PA)
- 6134 **BOLIVIA Radio Santa Cruz** Aug 4 at 0109, R. Santa Cruz with announcement mentioning the city, in Spanish, atop but with considerable het from R. Aparecida, Brasil, circa 6135 (Glenn Hauser, OK, DX LISTENING DIGEST)
- 6135 **ASCENSION ISLAND BBC** at 0443, on 3 Aug. A male speaker is talking followed by a female talking and some children laughing. The listed language is French. Fair. (Cooper, PA)
- 6155 **AUSTRIA AWR** at 0445, on 3 Aug. A female is singing a song in English that is religious in nature. The listed language is French. At 0448 a male speaker came on speaking in French. Fair. (Cooper, PA)
- 6160 **CANADA CKZU** St Johns, at 0105, on 1 Aug. A station ID was given at 0105 followed by a female announcer interviewing a male who works in the travel industry. Fair. (Cooper, PA)
- 6175 **UNITED STATES Voice of Vietnam** 0330 to 0335 with an ID at 0330, SINPO=54544, Vietnam's president notes that one of their priorities is to remove poverty in Vietnam, a good place for information on Asia. (Davis-OH)
- 6195 **OMAN BBC** at 0123, on 31 July. A male speaker is talking in presumed language of Pashto. Another male is also speaking with him. Poor. (Cooper, PA)
- 6925 **USA PIRATE Radio Free Whatever** 0146 - 0154 July 27 with two IDs at those times. SINPO 44554 very good, song by Led Zeppelin. Also same reception at 0108 July 13. Playing big band music as their theme.
- 6925 **USA PIRATE Unid** 0302 July 6. SINPO 45334, good. Jazz music flute and drum cut off at 0305 no ID. (Fredette-ON)
- 6930 **PIRATE (No. Am.). Hard Tack Radio** 0046-0100* Jul 21, instrumental version of Yellow Rose of Texas followed by Johnny Comes marching Home. Male announcer with ID mentioning "the sounds of the Civil War through music. Off with ID and slow scan sounds. Fair signal. (D'Angelo-PA)
- 6950 **US PIRATE MAC Shortwave** 0041-0048 Jul 21, big band music with Artie Shaw followed by announcement for Jimmy Stewart Shoe and then weather report (stick your head out the window ...). Good signal. (D'Angelo-PA)
- 7285 **SOUTH AFRICA Radio Sonder Grense** July 25 at 0546, is in English! W&M are speaking, apparently about Hollywood matters, alternating with announcer in Afrikaans, but unseems just a translation, no voice-overing, but narration furthering the story. She apparently assumes listeners can understand the intervening foreign language anyway. Fair signal (Glenn Hauser, OK, DX LISTENING DIGEST)
- 7295 **FRANCE Radio Algerienne Chaîne 1** at 0450, on 3 Aug. A male is speaking in Arabic followed by a female at 0453 and then chanting in the background. At 0456 there is a chorus of males chanting what sounds like verses from the Holy Quran. Good. (Cooper, PA)
- 7320 **AUSTRIA Trans World Radio** 0544 to 0546 with an ID at 0545, SINPO=55534, I tuned in to an ID tape, then an English ID and a song, (Davis-OH).
- 7340 **SOUTH AFRICA Radio International** Meyerton, 0437-0457* Jul 26, man and woman talking in Swahili language with periodic local music vocal selections. ID at 0456 followed by a woman with closedown announcements and brief African vocals until the transmission carrier was terminated. Fair to good. (D'Angelo-PA)
- 7340 **SOUTH AFRICA Radio France International** at 0458, on 3 Aug. A female is singing a song in presumed listed language of Swahili. At 0459 a female came on and is speaking with the song still playing in the background. She stops speaking and the song continues to play. Station went off the air at 0500. Fair. (Cooper, PA)
- 7355 **AUSTRIA BBC** Moosbrunn, 0105-0159* Jul 16, two men talking in listed Pashtu language joined by a woman announcer. Apparent drama of some sort. At 0115 a discussion program began. Local vocals at 0125 followed by a woman with ID and announcements at 0329. Language change at 0330 into listed Dari. News items in English but soon translated in Dari. Off mid-sentence at 0159. Fair to good. (D'Angelo-PA)
- 7355 **U K [none] BBCWS** July 31 at 0530, BBCWS news headlines, good signal tonight, while Hausa on 7305 is fair. Wide variations from zero to good reception on 7355 during this hour, listed via ASCENSION, must be due to operation rather than propagation (Glenn Hauser, OK, DX LISTENING DIGEST)
- 7355 **ASCENSION BBC WS** August 1 at 0528, BBCWS with VG signal tonight, while 7305 from *0529 in Hausa is fair-good (Glenn Hauser, OK, DX LISTENING DIGEST)

- 7355 **ARMENIA BBC** at 0137, on 31 July. BBC is broadcasting in listed language of Dari. They also used several news clips of Sec of State Kerry talking about the Middle East issues. A female started speaking at 0140. Fair. (Cooper, PA)
- 7360 **MADAGASCAR Vatican Radio** 0325 to 0328 with an ID at 0327, SINFO=25543, a male was talking about students who go to a Catholic college in Africa are in a more diverse group of students than otherwise. (Davis-OH)
- 7360 **MADAGASCAR Vatican Radio** at 0305, on 9 Aug. A male speaker was giving the news in English. At 0313 the speaker gave a station ID and then started talking about food prices. (Good. (Cooper, PA)
- 7460 **MOLDOVA Radio Payem e Doost** (Bahai), Opposition to Iran, at 0237, on 6 Aug. The station has a male speaking with music in the background in presumed listed language of Persian. At 0239 a musical introduction came on with another male starting to speak after about 15 seconds of music. Fair. (Cooper, PA)
- 7585 **SRI LANKA Radio Farda** at 0113, on 1 Aug. The station is playing a pop song with a male singer. At 0118 the song ended followed by a male giving a station ID. Fair. (Cooper, PA)
- 9315 **EGYPT Radio Cairo** at 0245, on 8 Aug. A female announcer is speaking in English although it is very hard to understand her as the station sounds "muddy." A song came on at 0252 with a male singer. Fair. (Cooper, PA)
- 9400 **PHILIPPINES FEBC Radio** 0956. Soft vocal music to long talk by W in Zhuang dialect. Excellent. 7/19(Barton-AZ)
- 9400 **LITHUANIA Radio Free Asia** at 0145, on 31 July. Station has two male announcers speaking in presumed listed language of Uyghur. This was followed by a female giving an address at 0159. Station went off the air at 0200 listed time. Fair. (Cooper, PA)
- 9420 **IRAN VOIRI** at 0205, on 31 July. Two male speakers are talking to each other. At 0215 they are still talking with no break. Poor. (Cooper, PA)
- 9420 **GREECE Voice of Greece** at 0127, on 1 Aug. A song is playing with a male singer. At 0128 the song ended followed by a female announcer talking. At 0129 a new song came on with a male singer. Good. (Cooper, PA)
- 9435 **NORTH KOREA Voice of Korea** 1318 to 1326 with an ID at 1325, SINFO=25453, I heard about the 'Occupation of South Korea' and how South Korea should join with North Korea, (Davis-OH)
- 9490 **FRANCE Radio Republica** at 0215, on 31 July. A male and a female announcer are talking in Spanish. Fair. (Cooper, PA)
- 9500 **RWANDA BBC** at 0300, on 9 Aug. BBC is broadcasting in listed language of Persian. A male speaker is giving what sounds like a news report. Good. (Cooper, PA)
- 9515 **TURKEY Voice of Turkey** 3:22 July 6, SINPO 45445, very good, ID at 3:22 in English, letter box program, essay writing contest, deadline July 15th, "write an essay on Istanbul . See web site. (Fredette-ON)
- 9515 **TURKEY Voice of Turkey** 0342 to 0346 with an ID at 0344, SINFO=45434, the big news was that Israel and Hamas had agreed to a comprehensive cease fire, (Davis-OH)
- 9515 **TURKEY Voice of Turkey** at 0300, on 7 Aug. The station came with time pips followed by a female announcer giving the day, time, station ID along with frequency and times. At 0302 a female announcer gave news, and announced the question of the month was coming on next along with music. Good. (Cooper, PA)
- 9550 **CHINA CRI** 1415. Monologue by W in VV. Fair-poor. 7/14 (Barton-AZ)
- 9570 **KOREA KBS World** 1430. M in KK. Poor. 7/14 (Barton-AZ)
- 9570 **ALBANIA CRI** at 0133, on 1 Aug. A male announcer is talking in the listed language of English. He is giving out a news report for world news. Good. (Cooper, PA)
- 9575 **MOROCCO Medi 1** at 0506, on 3 Aug. A male is speaking in listed language of Arabic followed by another male who is talking with him. Poor. (Cooper, PA)
- 9580 **AUSTRALIA Radio Australia** 14:43 July 21, SINPO 34323 fair, discussion on myths of Adam and eve and "Western spirituality". (Fredette-ON)
- 9625 **JAPAN Radio Japan** 1014. Michelle Yamamoto, M co-host, hosting Music -Journey pgm. VG. 7/19 (Barton-AZ)
- 9630 **BRAZIL Radio Aparecida** at 0147, on 1 Aug. The station has a male announcer who is taking phone calls from listeners. A female listener is talking with him. Fair. (Cooper, PA)
- 9645 **BRAZIL Radio Bandeirantes** at 0150, on 1 Aug. A male announcer is commenting about a soccer game going on. At 0151 another male announcer starts talking briefly. Poor. (Cooper, PA)
- 9645 **ROMANIA Radio Romania International** at 0256, on 9 Aug. The station is broadcasting in Spanish. A male and a female are talking about the broadcast going to America. The station went off the air as listed at 0259. Good. (Cooper, PA)
- 9665 **BRAZIL Radio Voz Missionaria** at 0220, on 31 July. A male speaker is talking. At 0225 he is still speaking with no break. Good. (Cooper, PA)

- 9680 **INDONESIA RRI** 1440. Prayer chanting and mixing with M in (most likely RTI Taiwan via Pao-chung). 42343 7/22 (Barton-AZ)
- 9750 **JAPAN Radio Japan** 1600. Tones; ID at ToH and to M in JJ. Fair to poor, choppy. 7/14 (Barton-AZ)
- 9760 **GERMANY Radio Farda** at 0248, on 9 Aug. A female announcer is interviewing a male speaker. Listed language is Persian. A brief musical interlude starts at 0250 with a male speaking. Poor. (Cooper, PA)
- 9770 **TURKEY Voice of Turkey** at 0144, on 30 July. VOT gave a station ID followed by station jingle, and then a female announcer started speaking in the listed language of Spanish. It also sounded like she was giving a language lesson in Turkish. Good. (Cooper, PA)
- 9790 **IRAN Islamic Republic of Iran** at 0137, on 30 July. A female announcer appeared to be giving a news report. At 0138 there was a musical interlude followed by the same female speaking again. This repeated itself several times with the female announcer mentioning America and Israel along with the Ukraine in her reporting. Kazakh was the listed language. Good. (Cooper, PA)
- 9830 **TURKEY Voice of Turkey** 22:25 July 16, SINPO 44444 good, Turkish cooperation summit to be held in Constantinople. (Fredette-ON)
- 9845 **IRAN Voice of Islamic Republic of Iran** Sirjan, 0026-0121* Jul 15, woman announcer with Turkish language talks apparently Ramadan special program. Series of vocals, talks and recitations with carrier cut mid-song. Fair to good. (D'Angelo-PA)
- 9850 **AUSTRALIA Radio Australia** 1645. W with current events pgm, VG. 7/13. (Barton-AZ)
- 9860 **IRAN Voice of Islamic Republic of Iran** Kamalabad, 0124-0152 Jul 15, woman announcer with Spanish language talk, instrumental music bridge, ID and instrumental music. At 0130 chimes followed by another ID and a woman announcer with news. Fair. (D'Angelo-PA)
- 9860 **IRAN Voice of Islamic Republic of Iran** 00:25 July 10, SINPO 34323 fair to good, national anthem at 00:24 followed by Islamic song and announcer talking in Spanish. (Fredette-ON)
- 9925 **NETHERLANDS Mighty KBC Radio** 0124 July 27, SINPO 55545 very good, news on a Mexican town doing their own cell phone system to save money. Peter Jones DJ on hotline playing "Spirit of the sixties. Song by David and Jonathan. (Fredette-ON)
- 9930 **PALAU World Harvest Radio** Medorn, 0905-0915. T8WH. Talk in English by a female evangelist. "Knowing the Word" program announcements at 0913 followed by music. World Harvest Radio ID and announcements by a woman at 0915. Male evangelist followed. Moderate signal strength with a small amount of fading. 7/30/2014 (Evans - TN)
- 9935 **GREECE Helleniki Radiophonia** 02:12-02:12 10-July 45434 GK Program of Popular Mx w/m&f singing, brief annmets (Kurrasch-NY)
- 9935 **GREECE ERT** Whatever or NERIT, 0220-0312 Jul 15, continuous pop music selections with a 13 minute break in the transmission from 0241 but eventually back with more pop music and Greek vocals. Fair to good signal //9420 was very good. (D'Angelo-PA)
- 9955 **TAIWAN [and non-] Radio France Internationale** July 24 at 1217, Chinese from R. France Internationale relay is actually atop WRMI, and making a LAH, continuing so past 1230 when WORLD OF RADIO starts although in the semi hour WRMI signal builds up. (Glenn Hauser, OK, DX LISTENING DIGEST)
- 9965 **PALAU World Harvest Radio** ID, July 24 at 1259, World Harvest Radio ID with South Bend address, Onward Christian Soldiers theme; 1300:04 cut to R. Australia in progress. This relay schedule was set up before RA programming changed, not to have any break at 1300 amid a one-hour TV news soundtrack starting at 1230; how rough. (Glenn Hauser, OK, DX LISTENING DIGEST)
- 9965 **EGYPT Radio Cairo** 00:05 July 10, SINPO 42232, fair- poor, weak modulation, not understandable. Strong heterodyne on signal, presume part of transmitter problem. (Fredette-ON)
- 11555 **NORTHERN MARIANA ISLANDS Radio Free Asia** tentative, reference short-wave.info, 1835 to 1852, no ID, SINFO=25332, I heard ugly sounding Asian music, (Davis-OH).
- 11560 **MOLDOVA Radio Miraya** (FM), 0429 to 0445 with one ID in a jingle at 0445, SINFO =35534, at tune in a male sang and then an announcer said the name of the program was Inside South Sudan, and that peace is expensive, that was followed by about three more songs, (Davis-OH)
- 11710 **ARGENTINA Radio Argentina Exterior** 0254 to 0305 with many IDs, because I was hearing an ID tape, SINFO=25433, then there was a national anthem and a program in French, (Davis-OH)
- 11725 **NEW ZEALAND Radio New Zealand International** 0708 to 0714 with an ID at 0708, SINFO=35443, I was listening to the Asia-Pacific program, specifically about revisions to a PNG labor law that had not been revised since 1978, (Davis-OH)
- 11730 **ROMANIA Radio Romania International** 2029 to 2041 with one good ID at 2031, this broadcast is aimed at western Europe and North America, SINFO=35534, I heard the Radio Newsreel program, Russia, (Davis-OH)
- 11740 **SINGAPORE Radio Japan** 1208 to 1212 with an ID at tune in, SINFO=21431, the only understandable audio was the ID made by a woman announcer, "...Radio Japan from Tokyo...", (Davis-OH)

- 11815 **BRAZIL Radio Brasil Central** Goiânia, 2320-2346 Jul 20, lively discussion by several males in Portuguese language. Quick jingle ID at 2330 followed by more fast paced discussion. Fair. (D'Angelo-PA)
- 11854 **BRAZIL Radio Aparecida** approx., Aug 4 at 0117, R. Aparecida, very good with much better signal than usual on a good Brazilian night, phone caller about their Mãe, with a slight echo even audible on her line; then ordered to recite the Pai Nosso and does so; though I assume their mother art in heaven too. Also active on 6135v to het BOLIVIA, q.v. (Glenn Hauser, OK, DX LISTENING DIGEST)
- 11865 **RWANDA Deutsche Welle** 2104 to 2117 with an ID at 2116, SINFO=25342, I heard that the pilot aboard flight 17 had to make the final decision on the flight path, so the pilot made a poor decision, I was listening to the Inside Europe program, (Davis-OH)
- 11905 **SRI LANKA SLBC** very poor July 31 at 0114, OC from SLBC; music starts at 0114:46.5, misti-mesignal ends at 0115:18.5 (Glenn Hauser, OK, DX LISTENING DIGEST)
- 12020 **VIETNAM Voice of Vietnam** 1215. Music pgm, W in JJ. To sudden close at Bodh. 7/12 (Barton-AZ)
- 12095 **OMAN British Broadcasting Corporation** tentative, 0407 to 0420 with an ID at 0419, SINFO=25232, people are trying to leave Gaza, but have nowhere to go, (Davis-OH)
- 13270 **CANADA Gander Radio** USB, 1955 to 2000 with IDs at tune in and at 2000, SINFO=25443, I heard weather for various locations in Canada, the names of which I cannot spell (ex. Haverston?), (Davis-OH)
- 13630 **AUSTRALIA Radio Australia** 0655 to 0704 with an ID at 0659, SINFO=45434, I heard a nice old R&R song Teach Your Children Well, a note about Environment Day, and that about 160,000 people were moving away from the path of a storm in the Philippines, (Davis-OH)
- 13650 **ALBANIA China Radio International** 1104 to 1132 with an ID at 1127, SINFO=42532, there was a good signal for a while and then the Voice of Korea appeared and it made CRI unintelligible, (Davis-OH).
- 13650 **IRAN Voice of Justice** 0409 to 0417 with an ID at 0416, two men were arguing about the broken cease fire between Hamas and Israel brokered by Egypt, Hamas said they knew nothing about it, (Davis-OH)
- 13660 **UNITED KINGDOM BBC** 1817 to 1831 with an ID at 1828, SINFO=25242, the Christians in Mosul decided to abandon the city instead of having to deal with the Muslims terrorists, (Davis-OH)
- 13675 **TAJIKISTAN Radio Free Asia** tentative, 1607 to 1614, no ID, see short-wave.com, Chinese, SINFO=25443, I tune in to a woman singing a mellow song, (Davis-OH)
- 13695 **INDIA All India Radio** August 3 at 0211, 1-kHz tone test, fair signal. And at 0212 I find an equal match on 15120. At 0213:05 both stop tone and soon start AIR IS in synch; 0215 music and pause, language opening announcement, 0217 song. (Glenn Hauser, OK, DX LISTENING DIGEST)
- 13710 **INDIA AIR** Bengaluru 1410. Singing, drums and sitar to W in (pres) Hindi, clashing with unID (likely CRI via Kashi-Saibagh) .Good with flutter. 7/22 (Barton-AZ)
- 13760 **NORTH KOREA Voice of Korea** 1548 to 1557 with an ID at 1556, SINFO=25433, there were several songs by a choir of women and then a male announcer gave the targets, times, and frequencies of other broadcasts. (Davis-OH)
- 13755 **CHINA CRI** 1520. M and W in CC. Good and no ACI from VoK on very strong 13760. 7/22 (Barton-AZ)
- 13785 **IRAN [and non?]** VIRI August 3 at 1310, VIRI Arabic fair signal, and again with constant het/ton on hi side; since they are talking about Israel, it occurs to me that the present war with Gaza may lead Israel to jam some enemy broadcasts in Arabic? After all, they have no further use for their former 300 kW broadcast transmitters. (Glenn Hauser, OK, DX LISTENING DIGEST)
- 13850 **EGYPT Radio Cairo** August 1 at 0535, still open carrier/dead air from R. Cairo "Arabic" to NAM; is it ever thus all the way from scheduled 02 to 07? Geez (Glenn Hauser, OK, DX LISTENING DIGEST)
- 13860 **CHINA CRI** 1608 to 1616 with an ID in Russian at 1614, SINFO=35433, I understood some of the words in the world news including the mention of the prime minister of Iraq and other topics, (Davis-OH)
- 13970 **CHINA CNR** 1, 7/19, 1120. W in CC. Good. (Barton-AZ)
- 14300 **UNITED STATES Maritime Mobile Service Net** USB mode, 1738 to 1746 with an ID at 1745, RS=2,2, I heard weather reports and net control calling for hams to check in, sometimes there is some good DX here, but not today, (Davis-OH)
- 15140 **OMAN RSO** July 29 at 0113, JBA carrier, presumed RSO, since it's missing from 9500 and alternate 15355; at first check 0055 I couldn't hear any of them (Glenn Hauser, OK, DX LISTENING DIGEST)
- 15235 **SOUTH AFRICA Channel Africa** tentative, 1754 to 1755 with the ID at 1754, note, the transmission ended at 1755, SINFO=25432, there was just enough audio to hear the ID, (Davis-OH)
- 15270 **SINGAPORE BBC** 1143 to 1159 with an ID at 1159, SINFO=25433, I heard an item about Martha Stewart's five months in jail, (Davis-OH)

- 15345 **ARGENTINA Radio Nacional** 16 approx., Mon Aug 4 at 0124, R. Nacional is up to fair level, better than usual, to go along with the boosted Brazilians on 25m; M&W dialog in Spanish. This frequency in evenings active only on weekends (Glenn Hauser, OK, DX LISTENING DIGEST)
- 15355 **OMAN RSO** July 24 at 0137, RSO with ME music, fair signal, expected to find it here, once I noticed it was missing from scheduled 9500 (Glenn Hauser, OK, DX LISTENING DIGEST)
- 15360 **SRI LANKA Adventist World Radio** 1630 to 1631 with an ID by both a male and female announcer at 1630, SINFO=25232, I heard part of a song, but this signal did not deserve much attention, (Davis-OH)
- 15400 **ASCENSION ISLAND BBC** 1828 to 1835 with an ID at 1832, SINFO=25442, this time around the signal had a little more audio so I could understand what was being said, I heard part of the World Have Your Say program (Davis-OH)
- 15476 **KUWAIT Radio Kuwait** July 31 at 0114, fair signal with Arabic music: Kuwait has been here for a few days, believed by Ivo Ivanov to be 24 hours; if so, too bad for LRA36. But the first time I've heard it. Ivo says it replaced the Arabic to North America frequencies 13650 and 17550; the latter could produce a much better signal on a good day/night until 2400 (Glenn Hauser, OK, DX LISTENING DIGEST)
- 15485 **FRANCE Radio Taiwan International** 1605 to 1612 with an ID at 1610, SINFO=2, 5,2,4,2, a new smaller galaxy was found behind a larger one by astronomers using the Hubble Telescope, (Davis-OH)
- 15540 **KUWAIT Radio Kuwait** 1847 to 1856 with an ID at 1855, SINFO=25543, there were two R&R songs before the ID, and then a special program in cooperation with Radio Bahrain about food to cook during their holy months, (Davis-OH).
- 15570 **VATICAN Vatican Radio** 1741 to 1746 with an ID at 1746, SINFO=35433, I heard about the International Criminal Court (ICC) wanting to try people from a number of countries including Georgia and the Ukraine for various crimes, (Davis-OH).
- 15575 **SOUTH KOREA KBS World Radio** 1329 to 1340 with an ID at 1329, SINFO=25543, a male and female announcer talked about modern telephone technology being used by children (Davis-OH).
- 15580 **BOTSWANA VOA** 1522 to 1542 with an ID at 1542, SINFO=25422, this signal was rated lower, because of occasional total fade outs, I heard a plug for the new album called More than We Think, (Davis-OH).
- 15590 **THAILAND Radio Thailand World Service (HSK9)**, 0201 to 0213 and an ID at 0212, SINFO=25352, the signal quality was rated down, because of the weak signal, I learned that the National Council for Peace and Order will sign an agreement on intellectual property rights with some other countries in Geneva this September, (Davis-OH).
- 15630 **GREECE ERT** July 29 at 0052, VP music, so ERT Open must be back on air after a few days' silence: yes, // much stronger 9935 and 9420, VG and VG (Glenn Hauser, OK, DX LISTENING DIGEST)
- 15650 **GREECE ERT** July 24 at 2022, music on very poor signal, so ERT Open is active again. Also: 9935, July 25 at 0051 is back on the air, VG Greek music, and // 9420 which is even stronger, while // 15630 is JBA. By 0114, however, 15630 has increased to good level. At 0131 check, 9935 is off, while 9420 and 15630 continue. Checking all the other possible frequencies, 7450, 7475, 11645 and 15650, but the third transmitter is on none of them (Glenn Hauser, OK, DX LISTENING DIGEST)
- 15720 **NEW ZEALAND Radio New Zealand International** 0400-0423 Jul 25, noted with news in English read by a woman announcer now audible on this channel from 0400. Good. (D'Angelo-PA)
- 17560 **PHILIPPINES Voice of America** Tinang, man and woman announcers with talk in Mandarin language. Announcements, ID followed by several more announcements at 0029. Poor to fair. (D'Angelo-PA)
- 17630 **CHINA CRI** 1435 to 1455 with an ID at 1454, SINFO=35444, the Easy FM Round Table program relayed via CRI, I heard part of a 'Round Table Successful Profile,' an interview with a Chinese businessman, interesting, (Davis-OH)
- 17670 **NEW ZEALAND RNZI** plus on 17670-17675-17680, July 25 at 0115, RNZI DRM once again is on, when they say it is not; while AM is audible on 15720. I was getting a very weak signal (with het, maybe the Russian numbers station on 15721). (Glenn Hauser, OK, 0300 UT July 25, DX LISTENING DIGEST)
- 19000 **AUSTRALIA Radio Australia** Shepparton, 0001-0024 Jul 21, woman announcer with news in English. ID at 0005 followed by more news features from Washington correspondent (a male announcer) with woman announcer returning with more news items at 0009. Fair signal but building noise level made reception more difficult than I wanted. (D'Angelo-PA)

On the Shortwaves

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

< www.ontheshortwaves.com > Update, July 27, 2014 -- Station 4VEH was not the first station on shortwave from Haiti, but it was certainly the most famous and the best heard. It came on the air in 1950, and was heard for four decades, closing down in 1991. In "Committee to Preserve Radio Verifications/The CPRV Gallery," under Shortwave Broadcast, South & Central America, we have posted a collection of 4VEH QSLs covering the years 1950 to 1985.

< www.ontheshortwaves.com > Update, August 3, 2014 -- Under "Committee to Preserve Radio Verifications/The CPRV Gallery," under Shortwave Broadcast, South & Central America, we return to Haiti for a compilation of QSLs from stations *other than* 4VEH. These are from the years 1937-1973. Many Haitian stations came and went. This group includes Societe Haitienne de Radiodiffusion (1937); HHBM, La Voix du Matin (1942); MBC (Magloire Broadcasting Circuit) (1945); Radio Commerce (1955, 1959); Radio Haiti (1958); Radio Lumiere; Radio Manrese (1962); Radio Grand Anse (1966); Radiodiffusion Haitienne (1966); Radio Independance (1966); La Voix de la Revolution Duvalieriste; (1967) Radio Valparaiso; (1969) La Voix de l'Ave Maria; (1971) and Radio Citadelle. (1973)

< www.ontheshortwaves.com > Update, August 10, 2014 -- By the time Europe was engaged in war, shortwave had become a reliable means of long distance communication, and many countries were engaged in shortwave broadcasting. In order to provide up-to-the-minute news, some American media organizations set up their own monitoring posts. NBC's was located first at Rockefeller Center in New York City, then at Bellmore, Long Island. Under "DX History/General Radio History" we have posted an article from the July 1941 issue of *RCA Review* describing the NBC monitoring setup. We will have more on NBC shortwave monitoring next time. -- Also this week, under "Specialized Resources/Wavescan," you will find these new entries from Dr. Adrian M. Peterson: "Tribute to Shortwave WYFR-WRMI-12: A Multitude of QSL Cards" (N282, July 20, 2014), "Ancient DX Report: 1907" (N282, July 20, 2014), "The Story of Radio Broadcasting in Pakistan: On the Air in Peshawar" (N283, July 27, 2014), and "A Blast From the Past: Mediumwave Broadcasting Stations on High Power" (N284, August 3, 2014). -- With the Wavescan entries we have also posted, under date of August 10, 2014, the rules for the 2014 AWR-Wavescan Annual Contest

< www.ontheshortwaves.com > Update, August 17, 2014 -- Returning to the subject of NBC shortwave monitoring during the war, under "DX History/General Radio History" we have posted an oversize (11 x 17") information piece issued by NBC in 1941 describing its then-new monitoring post in Bellmore, Long Island. It outlines the NBC international news gathering system and dramatizes listening post activities. It also contains many interesting photos. -- And under "Specialized Resources," we have posted Adrian Peterson's latest entry: "A Visit to All India Headquarters New Delhi: Mr. T. R. Rajeesh" (N285, August 10, 2014). Thanks to Adrian for continuing to chronicle these valuable radio history stories.

< www.ontheshortwaves.com > Update, August 24, 2014 -- In 1937 there were 20 shortwave stations broadcasting from the Dominican Republic. Today there are none. Under "DX History/Recordings" we have posted some recordings of Dominican Republic stations of the past, specifically these (all in Santo Domingo except where indicated; numbers in parens. indicate location of ID): La Voz de las Fuerzas Armadas, 4825 kHz, 1976 (:24); Radio Amanecer, 6025 kHz, 1987 (:11); Radio Clarin (English), 11700 kHz, 1977 (:54); Radio Clarin (Spanish), 4850 kHz, 1976 (:11); Radio Discovery, 6215 kHz, 1986 (:23); Radio Norte, 4807 kHz, 1975 (:04); Radio Quisqueya, 6205 kHz, 1992 (:06); Radio Santiago, Santiago 6048 kHz, 1982 (:14); and Radio TV Dominicana, 9505 kHz, 1977 (:19). -- Adrian Peterson has sent along two new stories, which we have posted under "Specialized Resources/Wavescan." They are: "Phantom Radio Stations in Canada," and "Ancient DX Report: 1908" (both Wavescan N286, August 17, 2014).

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