

# The *NASA* Journal

VOLUME LVI NUMBER 8

AUGUST 2016

**"La Voz del JUNCO"**

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## 2016 WORLD RADIO TV HANDBOOK

This long established publication is filled with schedules, frequencies and addresses of shortwave broadcast stations. Organized primarily by country. Also includes a by-frequency listing of shortwave broadcast stations, radio club info., plus receiver reviews. WRTH Pub. ©2015 70<sup>th</sup> Edition. 872 p. List price \$49.95. Order #E016 \$44.95



## WORLDWIDE LISTENING GUIDE

By J. Figliozzi. Modeled on the author's popular *Worldwide Shortwave Listening Guide*, this new book covers all of today's formats: live on-demand, podcast, satellite, internet, digital, analog, AM, FM, shortwave and wi-fi. Learn what can be heard how, where and when! Spiral bound 7th Ed. 160 p. ©2015. List \$24.95. Order #2861 \$23.95



## 2016 SHORT-WAVE FREQUENCY GUIDE

By J. Klingenfuss. This guide has 5,000 shortwave broadcast listings by frequency and includes 8,000 abbreviated entries from *Guide to Utility Stations 2015-16*. You get great coverage of broadcast and utility stations in one up-to-date book! 20<sup>th</sup> Ed. ©December 2015. 370 p. Order #1580 \$49.95 [CD version also available #6526 \$39.95]



## THE EARLY SHORT-WAVE STATIONS

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By Jerome S. Berg. This year-by-year account chronicles the birth and operation of the large international broadcasters, as well as the numerous smaller stations that were a great attraction to the DXers of the time. Over 100 illustrations and extensive notes, bibliography and index. ©2013 Softcover. McFarland 340 p. List \$44.95. Order #6141 \$39.95



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Mark Taylor sends word about the upcoming gathering in the Midwest. "The 23rd annual Madison-Milwaukee Get-together for DXers and Radio Enthusiasts will be held on Saturday August 20 from 1:00 to 9:30 PM CDT. This year's hosts are NASWA's Flashsheet editor Mark Taylor and NASWA member **Bill Dvorak**. For only the third time in get-together history the venue is a park, this time beautiful and spacious Lake Farm County Park, 4330 Libby Road Madison WI 53711. For further information please e-mail Mark at markokpik@gmail.com or Bill at dxerak@gmail.com (please include "Madison DX Get-together" in the subject line), or if you prefer write Mark at 1114 Ellen Ave Madison WI 53716, or phone him at 608-223-9807. To get a taste of last year's event held in Oak Creek WI, let us direct you to GTG attendee **Dave Legler's** Flickr photo album of it and see how many NASWA members you recognize: [https://www.flickr.com/photos/dave\\_legler/sets/72157659027189280](https://www.flickr.com/photos/dave_legler/sets/72157659027189280). Participation by NASWA members is strong every year for this event and this year should be no exception. We hope you can join us!" I have been to several of these gatherings and I can highly recommend attending. The photo array from last year was fun for me to look at.

Included in this month's *The Journal* is a brief survey put together by one of more active members **John Cooper** about holding a North American shortwave DX contest. It is a brief survey so we are hoping members would participate by the August 31, 2016 deadline. The goal is to gauge interest in a

shortwave based contest for this upcoming DX season. You don't have to rip the page out of your copy of *The Journal*. You can write the answers on a piece of paper and return to John by the deadline. By the way, if you get the electronic Flashsheet or participate in the club's active Yahoo Group you may have already seen this so no need to respond a second time. Thanks!

**Adrian Peterson** tells us that Adventist World Radio is issuing a new QSL card at the time of the *Wavescan* 2016 Grand Finale DX Contest mentioned here last month. The contest for this year invites listeners to tabulate their AWR QSL cards, one for each shortwave site. Full contest details can be obtained by checking last month's column. Each entry for this year's contest will receive the special new postage stamp honoring the 200th anniversary of Indiana statehood. In addition, if any listeners are needing QSL cards for outstanding AWR reports not yet verified, reports may be submitted to the address below during the two month time period, August & September. A special postal address has been opened for the occasion and it will be available only during the months of August and September, 2016. This temporary postal address is: Adventist World Radio, Grand Finale DX Contest, P. O. Box 771, Bloomington, Indiana 47402-0771 USA.

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

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## Unity and Friendship

# Musings

Jerry Lineback • 3851 Sunview Dr. • Paradise, CA 95969-8106 • jalinebk@gmail.com

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*Please e-mail musings as MS Word attachments to jalinebk@gmail.com or mail to 3581 Sunview Dr., Paradise, CA 95969-8106. Next deadline is August 24, 2016.*

## **VinceHenley@earthlink.net, Anacortes, WA**

The listening post is in reasonably good order. There are several quite good radios, a patch panel connects to a good antenna, and cables run to a set of coax switches to direct any signals as desired. The reference material is neatly filed, ready for use, and the log sheets await something interesting to be noted. This is all on a small table, an antique mahogany British boarding school desk that has been repurposed. Scratched deeply into the front apron of the table is the name "Wendy." Who and when was Wendy, and did she scratch her own name deeply into the wood, or was it an adolescent admirer who memorialized her? I'll never know, but I ponder the question each time I sit at the desk to listen to snatches of transmissions penetrating the increasingly silent ether. Frequently the ether is as silent as Wendy.

The radio shack vexes me. It is an entire room filled with radio and test equipment but, unlike the listening post in a corner of the master bedroom, it is unfinished. Some things I need to finish it are on back order from the supplier and, as in all good things, I have collected more radio equipment than God over the years, and the shack cries out for downsizing. I'm certain you all know the syndrome; I don't want to get rid of this or that obscure or arcane device because I might need it someday. Experience has taught me that "someday" generally occurs within twenty-four hours of getting rid of the equipment in question. It is an infallible axiom of the techno-nerd. It is as certain as the sun rising. My wife has an elegant solution to my problem, at least elegant for her. Each time she has explained this solution to me I note that the word "dumpster" comes up with increasing frequency. I, of course, do not believe in any intersection of the concepts of "equipment" and "dumpster," and that probably explains why women are from Venus and men aren't.

I am convinced that the radio shack will be finished in the near future, "near" being within the next twelve months. I'm certain that with a few more shelves and equipment racks everything will have its place. I'll have the electricians in to add a sub-panel of breakers just for the shack, adding a couple of 120-volt 20 amp circuits and one or two 240-volt 20 amp circuits for amplifiers and such. I think the Homeowners Association will not object too much, so long as I don't melt the wire antennas and don't ask to put up a tower. After all, they did say, in writing, that I could have antennas (plural) so I won't push my luck on that, given the slowness of Congress in getting any relief for amateurs in antenna-restricted communities.

## **Bill Tilford, bill1tilford@aol.com, Chicago, IL**

Now that I'm spending some time on the programming side, I'm finding that receiving good reception reports from remote places is almost as much fun as getting QSL cards as a listener, but I must confess that e-QSLs make this much easier to do. If I were going to the post office with a stack of QSLs in envelopes every week, I might have a different perspective.

This got me to thinking a little about what made some of the most popular shortwave programmes in the past so popular. Quality content was important, yes, but on stations like RNW, there was also a serious attempt to bond with listeners. To some extent, this remains true today among the survivors like Radio Romania International. Much of the very best of shortwave, while global, was also very personal, and this aspect may be key

to the survival of what remains of the medium. Those stations who cut back to things like hard news probably moved in exactly the wrong direction.

#### **WHO DARES WINS, broadwing56@msn.com**

I've been wondering about the NASWA and why there isn't more club sponsored activity for the members to be involved in. I've never even seen a year-end report on membership or financial data as other non-profits and clubs do each year. Nothing, nada. Personally I'd like to know where and what my membership dues are being used for, and how many active members there are!

Earlier this year I was awarded the W. P. Eddings Award from the club for 2016. You know what I got for that award? An e-mail with three sentences telling me I won, that's it, no certificate, no explanation what the award is. I blew it off until recently when several friends wanted to see what I got for the award, when I made the mistake of bragging about it.

I was embarrassed to say nothing. All three are Ham operators and told me about all the awards they get plus showed me certificates and plaques. I've gotten several DX awards from the club so I know we have them. Why give an award and not at the least have a certificate to go with it?

I can do an awards template in about 20 minutes on MS Publisher, so could our Awards Chairman. Should I make my own up, send it in for a seal and signature? It's really unacceptable to give a non-award award out like that. It's unacceptable to be told the award template was lost and not replaced! That shows poor club management and disregard for members trying to be active. Additionally, the whole awards program criteria needs to be updated. For real, how many of the old listed DX awards are applicable for the here and now? Look at the list, how about it?

When I've made inquiries about activities, I get the same old song and dance about the "Good Old Days," and how people have lost interest in SWLing and DXing. I'm a fairly new member who still needs three more countries to break 100 identified.

I'm interested in the here and now of DX. I don't give a squat about the old days. That's in the past, the future is now, the stations I'm hearing today and the equipment I'm using, not the old boat anchors I hear about or the moaning about another station closing down, but computer SDRs and the powered loop antennas, that's cutting edge equipment. New stations have been popping up! I'm not ready for the Nursing Home yet!

Recently, I inquired about a Club DX contest for the upcoming Winter B-16 or A-17 seasons. I was basically told I would be on my own setting it up. I'm willing to do the admin work, be a point of contact, and donate a nice new/open box portable receiver as a prize to simulate interest. Plus, I had other ideas for awards.

I can't do that without a membership list, and sponsorship from the club. I've been developing a survey to gauge interest on Survey Monkey, but I need to do a bulk mailing to get it out, without the membership list with e-mail addresses, I'm stuck. Survey Monkey is free, but I can't copy and paste surveys. Being given space in the Journal to announce a possible contest is not enough. I was told the club is about volunteers, which I guess includes the Board of Directors because they sure don't have elections?

Come on Board of Directors, Log Editors, Awards Chairman, let's get something doing here. The silence is deafening!

Unity and Friendship

73, John P. Cooper

# Listening Review

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

Hello and welcome to Listening Review for August.

## China Radio International

On April 26th, **China R International** made a number of changes to their program line-up, including the introduction of new programs. Further changes were made sometime in mid June with additional new programs. The program day now runs from 1600UTC, so that for example you will find Weekend programming starting on Friday at 1600UT. (For reference, prior to April, the program day ran from 0000UT).

Former weekend programs **Heartbeat** and **Horizons** now move to weekday slots and four new programs are heard as follows: **Chinese Theatre** (on weekdays), **Alight on Literature** and **Ink & Quill** (on weekends), and **Language Café** (a daily English learning program featuring English idioms).

Here is the new program schedule in full:

### 1600, 2000

xx00 Daily: Hourly News

xx05 Su-Th: Chinese Theatre

Fr-Sa: Alight on Literature

xx30 Su-Th: Postcards

Fr-Sa: Ink & Quill

xx55 Daily: Chinese Studio

### 1700, 2100, 1400

xx00 Daily: Hourly News

xx05 Daily: Roundtable

xx55 Daily: Chinese Studio

### 1800, 2200

xx00 Daily: Hourly News

xx05 Daily: Language Cafe

xx30 Sun: Life Upclose

Mon: Postcards

Tue: Heartbeat

Wed: Music+

Thu: Horizons

Fri: Sounds of the Week

Sat: Biz Buzz

xx55 Daily: Chinese Studio

### 1900

xx00 Daily: Beijing Hour (night edn)

xx55 Daily: Chinese Studio

### 2300, 0100, 0300, 0500

xx00 Daily: Beijing Hour (morning edn)

xx55 Daily: Chinese Studio

### 0000, 0200, 0400, 0600, 0800, 1000, 1200

xx00 Daily: Hourly News

xx05 Daily: Language Cafe

xx30 Mon: Life Upclose

Tue: Postcards

Wed: Heartbeat

Thu: Music+

Fri: Horizons

Sat: Sounds of the Week

Sun: Biz Buzz

xx55 Daily: Chinese Studio

### 0700, 0900

xx00 Daily: Beijing Hour (midday edn)

xx55 Daily: Chinese Studio

### 1100, 1500

xx00 Daily: Beijing Hour (evening edn)

xx55 Daily: Chinese Studio

### 1300

xx00 Daily: Hourly News

xx05 Mo-Fr: Chinese Theatre

Sa-Su: Alight on Literature

xx30 Mo-Fr: Postcards

Sa-Su: Ink & Quill

xx55 Daily: Chinese Studio

**Chinese Theatre** is broadcast Sunday to Thursday at 1605 and 2005UT, and Monday to Friday at 1305UT. The promo sounds great:

"How do you experience real life in China without making that trip to the fabulous Middle Kingdom? How do you get to meet people living in China without actually coming face-to-face with them? Welcome to Chinese Theatre: a program that seeks to immerse you deeply in the sights, sounds and tastes of China, just as if you're touring the country in real life and getting involved in the daily lives of people living here. Join us for Chinese Theatre and be blown away by the joy and sorrow, dreams and passion, love and devotion, aspirations and struggles of the people you'll meet. Chinese Theatre: a journey of a lifetime and an inspiration for the soul."

However the program consists of solely of the soundtrack to a TV drama series – and best that I can make out is that it's a TV series aimed at teenagers/young adults. Language used is very simple and not quite realistic. I suspect maybe it's aimed at advanced learners of English to improve conversational skills. In that respect, if that is the target audience, it's maybe not such a bad TV program. But: it's a TV soundtrack on the radio, with "action" and sounds that a radio listener is not able to fully follow. There's also a continuous (and quite invasive) music backing track which for the radio listener is very distracting (and will not aid listening on a shortwave frequency with less than very good reception). The current series, by the way is entitled "*A Story of Lala's Promotion*" which

"tells an interesting and inspiring story about the typical middle-class youngsters in today's China"

I'm sorry: I can find little to recommend for this program.

**Alight on Literature** broadcast Friday and Saturday at 1605 and 2005UT, and Saturday and Sunday at 1305UT. This is an excellent program and it does live-up to its promo:

"From epic tales of mystery and magic, to accounts of battle and Empire; from the verses of the ancient poets to the masterpieces of our times. CRI brings to life our literary heritage. Join us for Alight on Literature."

As of mid-July the program is in the midst of a complete reading of the book "*A Floating Life*" by Simon Elegant – the fictional biography of Chinese poet Li Bai who lived in the Eighth Century AD. It's a great story, and very well read by Ian Reed. The story is very episodic – short tales of Li Bai's adventures and it's not necessary to have heard earlier parts to appreciate and enjoy the later tales. I highly recommend this series. If I had a list of "programs that I must not miss", then this would be on it.

**Ink & Quill** immediately follows Alight on Literature (ie Friday and Saturday at 1630

and 2030UT, and Saturday and Sunday at 1330UT). This is another interesting program about Books and Authors. The edition on 9 July for example, featured Elie Wiesel, the American Jewish writer and Nobel Laureate. He had written many books including his most famous work "Night", which was based on his time as a prisoner in the World War II German concentration camps, and who died on 2 July 2016. This edition also included "Book-chat", with a feature about online and fan fiction. Very interesting and worth a listen.

*Language Café* is presented by Byron and Man Ling (broadcast daily at 1805, 2105, 0005, 0205, 0405, 0605, 0805, 1005UT and 1205UT) and is aimed squarely at advanced Chinese learners of English. It features English language idioms and sayings that do not have direct Chinese translations and seeks to explain by extensive use of examples. The 17 July edition included the saying "Sweep Things Under the Rug". First example given was:

Byron: "The President wanted to sweep his affair with the intern under the rug [...]"

Man Ling: "[Did] somebody [catch] them red-handed. Who revealed the secret?"

B: "You know who didn't ... [...] ... Hilary Clinton ... it's a loss of face for her"

ML: "I was surprised she was so ready to forgive her husband [...]"

B: "... As a result of that, she remained the First Lady; she became the Senator of New York State, and then she became Secretary of State, and now she can become President. I think that she made a really good choice."

The exchange continues for a while in this vein, before continuing with further examples for this saying. I have also heard discussions on "Serve up on a Platter" and "Playing Hardball", which managed to use as an example Hitler playing hardball

with other countries during World War II (unfortunately, I didn't record the details of that one). Earlier still, on 28 June was the phrase "Drink the Kool-Ade". This is a new one on me and thanks to Matt Keleher on the Shortwave Listeners Global Facebook group who enlightened me with this explanation: "means to blindly go along, usually used in context with believing something a politician is claiming. It's derived from the Jonestown Massacre, where the poisoned drink is often misremembered as being Kool-Ade."

All-in-all, some very strange examples of usage of the various phrases. So, whilst it may be aimed at Chinese learners of English, it does have some entertainment value and is worth dropping in to from time to time!

## PCJ Radio International

As mentioned in last month's Communication, Keith Perron of PCJ Radio International has acquired boxes of tapes containing rare broadcasts from Radio Netherlands. Keith is planning a series of six 2-hour shows to be broadcast on shortwave, called *From The Radio Netherlands Archives*, presented by Paulette MacQuarrie and the first of these was on 17/18 July.

This was an excellent compilation of a variety of clips and programs from Radio Netherlands over the last 60-odd years. There were many highlights in the program, but some that stand out for me which I especially enjoyed hearing was a feature on the re-recording of the RN Interval Signal with Jonathan Marks, the "Dutch Light Music" program (new to me and well before my shortwave time), the Eddy Startz Mystery Cruise, and clips from a Jerry Cowan/Bruce Parsons program.

Keith Perron writes that Startz protested against Tom taking over the show. He even went so far as trying to get the show canceled. Happy Station was never a part of the English Service. It was its own section. Startz use to say "When I go the shows goes. When the shows goes I go".

In October 1969, when Startz was forced to announce his retirement, as Pauline Macquarie says "You can tell from the tone of his voice that he was angry."

Startz: "Very much to my regret, and not without a sad feeling in my heart, I have to announce herewith my retirement. My retirement from the Happy Station from the end of this year"

However, he remained professional on-air and welcomed Tom Meijer to the "helm".

There followed a rather sad and, to me, a somewhat uncomfortable but fascinating interview by Tom Meijer with Eddy Startz recorded at his home and broadcast in November 1973, which was now rebroadcast in full for the first time ever. Here is part of the opening of the interview:

Startz: "I've been doing all kinds of lovely things again, not radio, but have been travelling a lot; this year being Portugal and Scandinavia and Berlin and London; meeting Dxers there [...]. I'm still in the running; people still know me and I'm happy to be your guest today [...]."

Meijer: "The fact that you are travelling so much ... and that you are still about and that your health is nothing to complain about."

S: "Now and then I've been having a bit of a check-up. [...] I'm still a writer - a bit of a poet [...] I've written a few of these poems [that] I was just telling you [...] if you want to hear one of these?"

M: "Ah, well, I think that's a very good idea to end our little talk, but maybe we can get some more information from you now before you start reading [...] we know you're feeling fine with a few check-ups now and then, but then there are a lot of people who are much younger than you are who are having much and much more trouble - in that respect indeed you shouldn't complain."

We hear a little more about his travels and writing, and Eddy reads some of his poems. He mentions during the interview that he was writing a book. However Keith Perron subsequently adds in the dxld mail list that the book was finished but never published and the manuscript is now lost. The interview concludes:

M: "I thought that maybe you'd like to end our little talk with a message to everybody all over the world."

S: "Well my friends I'm so happy that my follow-up good friend Tom Meijer has come here to my house. A little lonesome because my wife died last year and it's sometimes very difficult, but I'm trying to get over it by keeping as fit as possible, also doing the garden and other things."

The interview ends with a final poem read by Eddy.

The 2-hour program was a fascinating look back at some of the fantastic output from Radio Netherlands, and I am very much looking forward to enjoying some rebroadcasts of complete programs that are being planned.

## Download of the Month: R Prague

I've been inspired by John Figlozzi's "Podding Along" series which he posts to various Yahoo Group mail lists. John writes that "Some of the best radio comes from the public networks of the UK, Australia, Ireland, Canada, New Zealand and the U.S."

It has reminded me that in addition to those public networks, there are other archived programs available via the websites of many radio stations - including some of those that are now online/internet only; stations such as Radio Prague and Radio Bulgaria come immediately to mind. I have touched on these previously in this column, and I have decided from now to include at least one such randomly selected archived program each month that I, and maybe you, have missed when first aired. So, here we go with:

*The Terezín Ghetto: a perspective from the 1960s* - R Prague, broadcast in July 2015. (29')

<http://www.radio.cz/en/section/special/the-terezin-ghetto-a-perspective-from-the-1960s>

The program introduces the discovery in the Radio Prague archives of a drama documentary made in 1967 by the English Section of Radio Prague, and then airing in full (albeit very slightly abridged) the 1967 documentary itself.

The documentary is described on the above website as follows:

"[It] ... takes the form of a stylized tour through Prague's ancient Jewish quarter, Josefov. Using various sound effects and music, as well as interviews with survivors, it ties in the earlier history of the city's Jewish community with the fate of those sent during World War Two to the Terezín Ghetto north of Prague. The documentary is interesting not only for the light it sheds on Terezín itself, but also because it was made at the time of the political thaw of the 1960s, a time when Czechoslovakia was first beginning to talk about the Jewish Holocaust. In the 1950s anti-Semitism had been widespread in communist bloc countries, exacerbated by the Cold War and tensions in the Middle East, and the subject was virtually taboo. Radio Prague's English-language broadcasts were kept under tight political control, but the 1960s also saw quite a lot of


experimental and innovative broadcasts, often just far enough removed from sensitive political questions to avoid the attention of the censors. This documentary is an example."

I found the 1967 documentary a fascinating program, quite moving and entirely engaging. Despite now approaching 50 years old it has not "dated" in any way and could have been made this year. Here are the concluding sentences of the 1967 documentary,


"When we leave the Pinkas Synagogue, memorial to the 77,292 Jews of Bohemia and Moravia who died at the hands of the Nazis; when we wind our way through the old cemetery where the Jews of Prague were buried for three hundred years, one on top of another because they were not allowed room like the dead of other peoples; as we go through the narrow wrought-iron gate we cross back from yesterday to today. Our tour is ended. But permit me, please, to say there is too much of yesterday still in our world; have we done with people who believe they are the best, people without pity, people who make war? I think you and we should not allow them to. I do not think that only the Jews should remember Terezín."

A sentiment that is, I believe, as relevant today as it was 50 years ago.

That's all for this month.

Good listening until next time. Alan 

## 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. 

# International Broadcasting

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## International media and the Turkish coup attempt

In the history of global crises, international broadcasting played a role in many of them. We would see news agency images of people in the affected area huddled around a shortwave radio, or in later years, watching CNN International via satellite. During the July 16-17 attempted coup in Turkey, international broadcasting, did not seem to be such a prominent factor – although all the data are not in.

State broadcaster TRT was briefly taken over by the coup forces and forced to transmit statements in support of the coup. But there are over a hundred television channels in Turkey, including ten channels specializing in news. The coup plotters would have had to take control of all of them, or at least get them off the air. A helicopter operated by coup forces attacked the headquarters of Türksat, killing two of its employees. If that attack had succeeded, the distribution of most Turkish TV channels would have been disrupted.

In classic coups, the monopoly state broadcaster would have been taken over, and domestic information would have been controlled. Turkey, on the other hand, has a pluralistic media structure, with not only multiple channels or television and radio, but multiple platforms. If satellite and terrestrial broadcasts would have been shut down, the Internet was available to provide an alternative outlet. Shutting down the Internet would have required control of the several Internet service providers in Turkey. The coup plotters could have physically cut the key landlines, but that would also have been the end of their own Internet communications.

## CNN Türk to the rescue

TRT was under coup control, but the popular news channel CNN Türk continued to report independently. President Erdogan got through to CNN Türk using the Apple videotelephony app Facetime. A mobile device showing Erdogan was held up to a camera, and that was the turning point. The president urged Turks to go to the streets to demonstrate their opposition to the coup, and they did. Later, dramatic video showed CNN Türk on the air while it was taken over by coup forces. But, by that time, the toothpaste was out of the tube.

The “CNN” in CNN Türk would suggest that CNN, a U.S.-based international broadcaster, played a key role in the crisis. CNN Türk, however, is a domestic channel operated by a Turkish company. It is licensed to use the CNN brand, to enhance its prestige and credibility, and it also has access to CNN content. CNN has similar partnerships in India, Indonesia, Japan, Mexico, and Chile.

CNN Türk’s role in turning around the events in favor of President Erdogan is ironic, because the channel is considered the closest thing to an opposition broadcaster in Turkey. All broadcasting channels operating in Turkey are limited in what they can say and report.

## VOA in, and to, Turkey

The Voice of America’s presence in Turkey is primarily through the placement of news content on another Turkish news channel, TGRT Haber. VOA reaches more than a million Turks weekly through this partnership. Because it involves a Turkish domestic channel, VOA Turkish confines its content on TGRT Haber to American events and Turkish-American relations.

The VOA Turkish website, [amerikaninsesi.com](http://amerikaninsesi.com), as a *trans-border* example of international broadcasting (like shortwave), has no such limitations on its content, so it is free to report on Turkish domestic affairs. Before the coup attempt, the VOA Turkish website had about 5,000 unique visitors per day. That shot up to 38,025 on July 17, with a second peak at 29,913 on July 21. In the week of July 24, daily unique visitors are around 12,000, so perhaps VOA Turkish will derive a long-term boost from the crisis.

In 2013, BBC Turkish broke off its partnership with NTV in Turkey rather than comply with Turkish content restrictions. BBC Turkish still has a comprehensive website. It is by far the most popular source of news in Turkish not subject to Turkish media controls, bouncing between 500,000 and 750,000 desktop-PC visitors per month in Turkey during the year through June 2016. The BBC Turkish web metrics for July will be very interesting, but I won't see those until mid-August.

A new player in Turkish-language websites from outside Turkey is Sputnik – [tr.sputniknews.com](http://tr.sputniknews.com). Sputnik is the successor to Voice of Russia, itself successor to Radio Moscow. Beginning in 2015, the number of visitors in Turkey to Sputnik Türkiye rose rapidly to a peak of over 400,000 during March 2016. Then it dropped quickly when Turkish authorities blocked the site as a result of a diplomatic falling out between the Turkish and Russian governments. In June, we see Sputnik Türkiye beginning to bounce back, reflecting the rapprochement between president Erdogan and Putin. Moscow's opposition to the coup attempt should ensure renewed access to Sputnik, and the numbers should start rising again. This is not because Sputnik is such a sterling source of news. Rather, like all Russian international media, Sputnik has a penchant for sensationalist stories that attract clicks.

The DW Turkish website has a growing number of visitors in Turkey, passing 100,000

during June 2016. Aljazeera Türk, which has wanted to start a television channel in Turkey, has had between 200,000 and 300,000 visitors in Turkey during the past year.


## **A future role for international broadcasting to Turkey?**

Since the attempted coup, President Erdogan has embarked on an expansive purge of the military, government officials, educators, and, most notably, the media. Many journalists have been arrested. Several television and radio stations, newspapers, and websites have been closed. (CNN Türk has the complete list here: [bit.ly/2aLhvPC](http://bit.ly/2aLhvPC).)

Will a larger number of Turks turn to cross-border international broadcasting to find comprehensive, credible news about Turkey and the rest of the world? If so, satellite television will probably not be the medium of choice. The great majority of Turks have their satellite dishes point to Türksat. Turkish authorities can arrange for unwanted channels to be removed from that satellite network.

The Internet will be the Turks' medium of choice for news from abroad. But, the Sputnik example showed us that Turkish authorities will block websites they deem undesirable. If the BBC Turkish website is blocked, how many Turks are proficient with circumvention methods, including VPNs?

It might come down to shortwave and medium wave radio into Turkey. This could be traditional voice broadcasting, as well as text and images via analog radio, as demonstrated by the VOA Radiogram project. Unfortunately, relay transmitters in the region have become scarce. The VOA facilities in Greece and those of BBC in Cyprus may be sorely missed.

*Views expressed are my own. See [voaradiogram.net](http://voaradiogram.net) and [www.kimandrewelliott.com](http://www.kimandrewelliott.com). *

# Shortwave Center

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*No space available for chat this month, so let's get right to it.*

## RETRO SHORTWAVE EQUIPMENT REVIEW

### Icom IC-R71E

By Craig Seager

(Australian Radio DX Club)

Every once in a while a receiver comes along that is a real game changer, hitting that sweet spot that converges availability, price, technology and performance. And so it was with the Icom IC-R71 series, released in 1986, and continuing to proudly adorn ham shacks and SWL retreats the world over.

Icom had in fact laid the foundation four years earlier with its first attempt at a semi-professional general coverage communications receiver, in the form of the IC-R70, and lots were sold to loud applause, but operability wasn't exactly fantastic and the radio was quirky in some key aspects.

Rewind, though, to 1954 when a young radio amateur, Tokuzo Inoue (JA3FA), founded a medical equipment business, gradually moving towards indulging his hobby passion until in 1964 he started the Inoue Electric Factory Company Limited and began designing compact solid state transceivers. Inoue's first receiver of note was the IC-700R of 1967, which covered amateur bands only and paired with the IC-700T transmitter. The company changed its name to Icom (Inoue Communications) in 1978, and the rest is history, as they say.

A glossy two-page advertisement in the early pages of the 1985 World Radio TV Handbook heralded the arrival of the IC-R71, and an accompanying review touted it as the best available receiver under USD \$950, though didn't hold back on criticism of its muddy audio quality, something decried by many others since. The receiver was

released in several versions, the most commonly known "A" for Amateur Radio use, "E" for European/international markets, and "D" for Germany (coverage capped at 26 MHz). Early Australian "E" models only started at 2 MHz in a misguided attempt to reduce import duties, but this was remediable through software.

Based on a quadruple conversion design, the R71 operates in AM/CW/USB/LSB and RTTY modes, though an optional board also adds FM. A large S-meter and blue/green fluorescent frequency display (to 100 Hz) sit at the top of the front panel, and both are dimmable if you want to conserve them or maybe placate a tetchy spouse if midnight DXing from the marital bed is your thing (it happens!)

Rotary controls adjust volume and squelch, with concentric collars for RF gain and tone. Other knobs select the memory positions, AGC (off/fast/slow), noise blanker level, notch and passband tuning. The PBT was omitted from some later serial numbers, which Osterman says was due to a patent issue; avoid these versions as the PBT is very useful and lack of it erodes resale value.

Tuning is achieved by a generously sized rotary encoder (switchable between MHz and KHz), or direct keypad entry – a significant change from the early IC-R70. Those more used to current receivers will find it difficult to remember to key a mandatory trailing zero before hitting the "ENT" button.

Pushbuttons select mode, tuning step, VFO selection, memory-write, notch, tuning step, dim, NB, scan or activate options such as speech (EX-310 voice synthesizer),

FM (EX-257 board) or remote (RC-11) – all options were available at extra cost, and you will probably get financially fleeced if lucky enough to find them on eBay these days. The rear of the set has antenna connections (high impedance single wire or Lo-Z SO-239 socket), ground, and sockets for extension speaker, record out, mute and a scope terminal that brings out the 70.4515 MHz IF output for use with a pan-adaptor.

The semiconductor compliment is 90 transistors, 19 FETs, 47 IC's and 237 diodes and serviceability is very good with several well laid-out boards easy accessible. The main criticism of the R71 has been the volatile DRAM, contents of which can be lost if the lithium battery dies (possible after 7-10 years). Not only do you lose memory information, but also the receiver's operating program in this eventuality. Much has been made of this issue, but good planning for "hot" replacement of the battery periodically is the way to mitigate, or alternatively an aftermarket board is available from Wilco Electronics (<http://www.willcoele.com/>) that makes the issue go away forever.

The strength of this radio is its fundamental performance. Sensitive and selective (2.3 kHz SSB @ -6dB is the narrowest standard filter), and dynamic range of 105dB was

ground-breaking at the time for this price point. You will want to make a couple of modifications on opening the box (as did I); these are associated with improving sensitivity on the mediumwave range, and also making the preamp available for the full coverage. Simple "nip and tuck" stuff for anyone handy with a soldering iron. There are many other mods described on the Interweb, some of them meaningful – others of minor benefit or, dare I say, even questionable.

So there you have it; a 1980s receiver that still delivers in fundamental performance by today's standards, and readily available in its various permutations on the used market. Icom followed up with the IC-R72 in 1990, but DXers were unexcited about its slightly reduced specifications and kept away in droves. It wasn't until 1999's IC-R75 that Icom was able to match – nay, better, the IC-R71 and Heaven cried when Icom recently announced the R75's discontinuation after a 16 year run. Iconic receivers from a company ran by enthusiasts for enthusiasts.

Enjoy Retro Reviews? If so you can revisit some from the series, updated and with more photos, on Rob Wagner's excellent MEXDR website ([medxr.blogspot.com.au](http://medxr.blogspot.com.au)) (CS)

## SHORTWAVE CONVENTION INFO

# 2016 EDXC Convention, Manchester UK

September 9-13, 2016

**EDXC** are happy to announce that *The British DX Club* will host **EDXC 2016** in Manchester.

Accommodation and the conference itself will take place at The Castlefield Hotel. (<http://castlefield-hotel.co.uk/>) This is set in the historic Castlefield canal basin area of the city of Manchester. It is a short walk from shopping areas and is close to many cafes, pubs, bars and restaurants. There are also museums and art galleries nearby.

Conference registration will be on the evening of Friday 9 September with conference

sessions on the mornings of Saturday 10 September, Sunday 11 September and the final conference sessions on Monday 12 September.

The full program will be announced in due course. Excursions are being planned for the conference and will be announced in a few months.

If you have any questions about **EDXC 2016** please contact Chrissy Brand. ([chrissylb@hotmail.co.uk](mailto:chrissylb@hotmail.co.uk))

For more on what to do and see in Manchester see <http://www.visitmanchester.com/>

**EDXC** Manchester host Chrissy Brand also writes a daily photo blog about Manchester: <http://mancunianwave.blogspot.co.uk/>

The **EDXC** is happy to announce the Castlefield Hotel costs per night (in Euros):

Single room €118

Double room €129

3 people in a room €158

Our contact at the Castlefield Hotel is Ann Shannon, Reservations and Meetings Manager (Tel +44(0)161 832 7073). Room bookings should be made through her ([ann@castlefield-hotel.co.uk](mailto:ann@castlefield-hotel.co.uk)). Please mention **EDXC 2016** and the reference number BK57133 when you make a booking.

**EDXC 2016: BBC Media City Tour**

There will be an excursion for a tour of BBC Media City at Salford Quays, on the afternoon of Saturday 10 September. (The BBC tours are still going ahead throughout the UK, apart from Broadcasting House in London).

## Provisional Programme for 49th EDXC Conference

49<sup>th</sup> EDXC Conference

Castlefield Hotel, Manchester, UK

9-13 September 2016

Friday 9 September 1600-2200

Arrival, registration, informal meetings

Saturday 10 September 1000-1300

Conference opening. Greetings from **British DX Club**. Greetings from **EDXC**.

Presentations and **EDXC** Matters

Saturday 10 September 1400-1730 (excursion, by coach, tram or boat) Organized Tour of **BBC** radio & tv at Media City, Salford,

tours at 15.00 (plus opportunity for self-guided visits of Imperial War Museum North, the Lowry Art Gallery & Theatre, Lowry Shopping Mall, plus Old Trafford, Manchester United FC – the latter requires you to book online in advance and may be best left for another day after the conference)

Sunday 11 September 1000-1300

Presentations

Sunday 11 September 1400-1800 (excursion by coach)

A visit to the outside of two transmitter sites (Moorside Edge and Holme Moss)-- please note we will probably not have access to get inside either site--followed by a late afternoon visit to a country pub.

Sunday 11 September 1930-2200

Banquet dinner at the hotel

Monday 12 September 1000-1200

Walking tour of historical and modern Manchester city centre

Monday 12 September 1300-1700

Visits to local FM and community radio stations, possibly Key 103 and ALL FM

Tuesday 13 September 1000-1300

Departure, informal contacts

**When at EDXC2016, do find time to visit MOSI!**

In the same road as the conference hotel (Liverpool Road) you will find Manchester's award-winning MOSI (Museum of Science and Industry). It is open daily from 1000 to 1700 and has free entrance. Housed in a range of 19th century warehouses and hangars, as well as being the site of the first passenger railway in the world (Manchester to Liverpool in the 1830s) there are planes, machines and even sewers on display here.

However, of most interest to EDXC delegates will be the second floor of the 1830 Warehouse, which has a small "Connecting Manchester" permanent exhibition. It covers communication, including telephones, television, studios and radio in the north-west region.

## EDXC 2016: visit to Moorside Edge

There are a number of exciting excursions and presentations lined up which include a tour of BBC radio and television at Media City UK in Salford on the Saturday after-

noon (10 September) and a visit to the Moorside Edge transmitter sites on Monday 12 September.

Moorside Edge has a large transmitter hall with three different types of transmitter. It opened in 1931 as a transmitter for BBC North Regional and national radio networks. It is now operated by Arqiva and the following three services are broadcast: BBC Radio 5 Live on 909kHz (200kW), TalkSPORT (100kW) on 1089kHz and Absolute Radio (100kW) on 1215kHz.

*[from the EDXC web site [www.edxc.org](http://www.edxc.org)]*

# DRM Shortwave News

Excerpted from the DRM monthly publication, The DRM Newsletter

## 1. DRM on the Agenda in North America

The National Association of Shortwave Broadcasters (NASB) 26th annual conference was held June 2-3, 2016 in "Music City USA" Nashville, Tennessee. The proceedings were made possible by the generous hospitality of staff from World Christian Broadcasting (KNLS) and WWCR.

DRM was prominently featured at NASB, as is tradition. Christopher Rumbaugh of the Digital Radio Mondiale North America (DRMNA.info) blog offered an update on India's DRM migration. George Ross of Trans World Radio (TWR) shared some of his experiences with DRM broadcasting from the island of Guam. Other attendees included Charles Jacobson of SonSet Solutions (previous HCJB), and Associate Members of DRM, offered additional DRM broadcasting insights.

Attendees left the conference hopeful about DRM's many recent global developments. Many in attendance showed interest in starting DRM broadcasts, pending roll-out of more affordable receiver options.

## 2. Software Defined Radio is Multi-Standard

What is actually a SDR - "Software Defined Radio"? A receiver or just a receiver solution?

The processing of radio signals started out in vacuum tubes, before migrating to transistors. Since then processors have become not only powerful but also cheap. And eventually designers have realized that it is preferable to reduce the number of components in a radio by having them simulated in a "Software Defined Radio", or SDR, for short. Such a receiver solution consists of little more than a tuner, a processor and a speaker.

The tuner component samples the signal, and sends a digital representation of it to the processor. Here it which it is processed, filtered and cleaned before being played back to the listener via the speaker. Technically, it is also just a collection of transistors, but it is highly programmable. A radio solution by this design can be adapted easily for different markets, simply by installing new software. This is especially important for the automotive industry where safety is imperative; before a new car radio is allowed onto the market, it has to be tested thoroughly, a process which may take years. With SDR, the hardware testing has to be performed only once. Future enhancements can be added through software updates, instead of having to solder new circuitry to the board.

SDR was not new - so what is new now as far as DRM is concerned?

When the audio content from the studio is modulated directly onto the broadcast signal, which is what happens in analogue standards like AM or FM, even the most sophisticated receiver algorithms are incapable of detecting reception errors, since the wanted and un-wanted signal components can no longer be distinguished: strange sounds heard from the radio might be the result of interference caused by environmental factors or they might also be what the composer of a musical piece intended. Therefore an analogue radio receiver has to present the received signal to listeners indiscriminately.

The open digital radio standard DRM, short for "Digital Radio Mondiale" ([www.drm.org](http://www.drm.org)), tackles this issue by encoding the content as data streams, which then are being modulated and transmitted.

This approach takes SDR to heart. Not only is the signal being represented digitally within the processor, but also the content, along with some safeguards and redundancy protocols. It enables the receiver to apply methods that can not only detect, but also compensate for most of the reception errors, even before listeners become aware of them. This leads to an overall better audio quality.

Data streams also allow for a versatile mix of service decoders and a broader range of content: Broadcasters are no longer restricted to transmitting only music and speech. They could also provide highly detailed traffic information, pictures, animations, on-demand detailed text information such as news and sports results, emergency warnings, radio apps and more, thereby enriching the listeners' experience.

Since the DRM standard is gaining more and more popularity, the Fraunhofer Institute for Integrated Circuits (IIS) has recently announced the addition of a demodulation library for DRM in the VHF bands (DRM+) to its SDR portfolio. The Fraunhofer SDR solution now comprises full support for the open digital radio standards DRM (DRM30 and DRM+) and DAB(+), including the baseband as well as service layer decoders. It is a highly flexible and portable solution, ready

to be adapted to numerous SDR platforms by any number of manufacturers. The growing market for SDR is thus a growing market for DRM, as well.

Is this a car solution then? Can SDR be used for tablets, mobile phones and standalone receivers too?

Smart devices from mobiles to tablets are at the forefront of technological development and have pushed the boundaries of what is possible in a hand held computer. Their ubiquity has led to increased availability of their components too. In fact, car radios today are using older models of the exact same processors. Therefore, when coupled with a tuner chip to receive the actual on-air signal, a tablet or a mobile phone can run the same radio software, albeit faster.

Are there various solutions or SDRs, developed by different companies?

There are numerous solutions available on the market, designed for any number of standards.

For commercial radio receiver manufacturers, the Fraunhofer Institute for Integrated Circuits (IIS) offers products for software defined radio on all ends of the receiver spectrum. Not only are there baseband decoder libraries, but also service layer decoders and even graphical user interface applications which are catering to the needs of many and are quickly adjustable, thanks to HTML5 and CSS techniques.

In the open source community, GNU radio is very popular. For DRM, DReaM is a well-established open source software package. Both have a strong following among universities, where they are being used for educational purposes as they can be run on household PCs. They allow students and enthusiasts alike to have a hands-on experience with software defined radios.

What is the biggest advantage of SDR?

Flexibility is the biggest advantage of SDR. Even if a radio receiver had in the past been designed to demodulate and decode digital

standards such as DAB or HD Radio, it is highly probable that the necessary hardware components for DRM and future standards are already in there. Professional SDR libraries, like the ones offered by the Fraunhofer IIS, can be adapted and integrated with little effort, enabling developers to turn their ideas fast into a new line of products.

### 3. HFCC Assists DRM Receiver Manufacturing Efforts

The High Frequency Coordinating Committee (HFCC) has provided statistics for both the pure DRM digital as well as for the analogue plus DRM broadcast schedules. Both types of transmissions are listed per

broadcaster, per target region and per language. By highlighting areas covered by the shortwave transmissions, this document is intended to help stakeholders to analyze the potential number of listeners covered by those shortwave broadcasts and to plan the manufacturing of DRM receivers for the population in those targeted areas.

To download and view this document, that incidentally has significant data that should be of interest to DXers and SWLs generally, go to

<http://www.drm.org/wp-content/uploads/2016/05/HFCC-DRM-stat2016-04-14-2.pdf>

## SHORTWAVE RADIO HISTORY

### Adrian Peterson's Diary

# Regional Radio in Turkey - A Radio Tour in Modern Turkey

We begin a radio tour around the entire country of Turkey.

This very ancient country, Turkey, is at the same time, a vibrant and very modern country. It is the only country in the world that straddles into two continents, Asia and Europe; and it is a country full of interest as well as majestic beauty for the intrepid traveler. This country of photogenic landscapes and colorful seascapes together with high snow covered mountains, wide verdant plains but no rugged barren deserts, is 1,000 miles long and 500 miles wide.

As we begin this circular journey around Turkey, we discover that there were seven lower powered shortwave stations on the air from regional locations during a 30 year period in the 1950s, 1960s and into the 1970s. We discover also that these days there are now six high powered mediumwave stations on the air in Turkey. Just two locations have hosted both an earlier low powered shortwave station, and a subsequent high powered mediumwave station, and these are the cities of Diyarbakir and Izmir.

As an overview before we begin our circular radio tour around Turkey, we note that the first radio transmitter was installed in Istanbul in 1927, a 7 kW longwave station on 166 kHz under the callsign TAC. The first shortwave transmitters, two RCA units at 20 kW each under the callsigns TAP & TAQ, were installed in Ankara in 1938; and the first mediumwave transmitter TAW with 150 kW on 704 kHz was installed in Istanbul in 1950.

We begin our radio tour in the city of Ankara, the national capital of Turkey with its five million population, which is located almost in the center of the country. The city was named for its Angora Rabbits, Angora Cats, and Angora Goats, each of which provides a very fine white wool which is woven into colorful and expensive fabrics. One of the main ancient languages in Turkey was Galatian, a historic forerunner to the subsequent Celtic languages, such as Gaelic, Welsh, Cornish, Breton, Scottish and Irish.

A little over 2,000 years ago, Roman armies overran the territories of Turkey, and soon afterwards, Christianity was introduced.

Islam came to Ankara 1,000 years ago; and in 1923, this city became the capital for the newly established Republic of Turkey.

The first major radio station installed in suburban Ankara was located at Etimesgut, a little north of the outer airport. In 1928, two RCA shortwave transmitters at 20 kW, TAP & TAQ, were inaugurated at this new radio transmitter base for national and international coverage.

The only mediumwave station for the capital city area was installed in more recent times, a 2 kW facility on 1063 kHz. In 1970 the shortwave broadcasting services at Etimesgut came to an end; and around 1990, their high powered longwave station on 198 kHz was also closed. This entire radio facility was then taken over for use as a military airport communication station.

Let's travel now to the top northwest corner of the country with its huge bustling city, Istanbul, which is listed as the largest city in Europe with its 14 million inhabitants. Istanbul, or Constantinople or Byzantium as it has been known over the centuries, was the crossover point between Asia and Europe for trade along what was known as the Silk Road.

The first radio station in Istanbul was the aforementioned TAC with 7 kW on longwave 166 kHz. A high-powered mediumwave station was installed in 1949, station TAW with 150 kW on 701 kHz. These days this station is operating with 600 kW on the adjusted 9 kHz spacing channel 702 kHz.

We move now to the Black Sea north coast of Turkey, to the city of Trabzon on the coast towards the eastern area. The ancient Silk Road running across Asia from China to Europe also traversed through Trabzon, and interestingly, the famous Italian traveler Marco Polo came to this city on his homeward bound journey, where he took a boat ride for the final leg of his quarter century travels from China back to Italy.

Currently, there is a high-powered mediumwave station located at Trabzon, with 300 kW on 954 kHz.

The city of Erzurum, inland and over towards the eastern mountain ranges, is the highest large city in Turkey with an altitude of 6,000 feet, a little more than a mile high. This city was featured in international newspaper reports back in May 1894, when an American cyclist, Frank Lenz, disappeared mysteriously.

At the time, Frank Lenz was on the return journey to the United States at the end of a bicycle ride around the world. Subsequent information would suggest that he was murdered by local village brigands.

Back half a century ago, there was a low powered shortwave station located at Erzurum, with 1 kW on 7650 kHz.

Another notable city in the eastern mountainous areas is the city of Van, on the eastern side of the picturesque Lake Van. This city, Van, is home to half a million people, and its claim to fame is twofold; one being the unique Van Cat. The Van Cat is a small white cat with pink skin and colored eyes, and it is reputed to be a capable swimmer in Lake Van, a characteristic that is unusual for most members of the feline animal kingdom.

The other claim to fame for the city of Van is that it is the staging point for expeditioners planning to climb Mt. Ararat. The Van airport is the fly-in destination for Mt. Ararat climbers, and there are several local organizations that specialize in providing tourist facilities and tour guides.

Many climbers visiting Turkey enjoy the climb to the top of Mt. Ararat, in the same way that other well-known mountains attract climbers, such as Mt. Everest in Asia and Mt. McKinley in Alaska. However, many Ararat climbers are also on a pilgrimage, to visit the mountain where the Ark of the Patriarch Noah came to rest after the worldwide Great Flood of prehistoric times.

A dozen writers and historians who chronicled early events on Planet Earth state that in their day, the remains of Noah's Ark were still evident on Mt. Ararat. The Chaldean historian Berosus wrote in 257 BC that part

of the ship that grounded in Armenia still remained. The Jewish historian Flavius Josephus referred to Noah's Ark three times in his writings and he stated that relics of the Ark were visible in his day, 90 AD. Writing in the year 1633, Adam Olearius stated that pieces of the Ark were still available on Mt. Ararat, and that they had become petrified due to age and weather conditions.

A small shortwave transmitter, rated at just 400 watts, was installed in Van in the early 1960s and it was in use on 6025 kHz for less than half a dozen years. Their high powered longwave transmitter, with 600 kW on 225 kHz and a guyed antenna mast 820 feet tall was inaugurated in 1990, though it is no longer on the air these days.

We pick up the story of this clockwise radio tour around Turkey, and we begin in the city of Hakkari which is located right in the south east corner of Turkey, quite close to the international borders with Iran and Iraq. This city, Hakkari, is a quite smaller city with a population of around 60,000, and it is located in a ruggedly beautiful majestic mountain area. It is a little known fact that this area was the original home of the beautiful tulip flower. The tulip was transplanted to Holland in the 1500s, where it has become a world famous icon of florid beauty.

A radio station was installed in Hakkari in 1973, a shortwave facility of just 1 kW operating just above the 41 meter band on 7650 kHz, and available information would suggest that it was on the air for a little over a half dozen years. There was no high-powered mediumwave station in this city to serve as a replacement for the then defunct shortwave transmitter.

We move next to the city of Diyarbakir, which is located on the banks of the historic River Tigris, a little north of the border with the country of Iraq. The name of this city is derived from its association with copper, which has been mined in this area for centuries. Diyarbakir is famous also for silver artifacts, and also for its huge watermelons that can weigh as much as 80 pounds.

In the radio scene at Diyarbakir, there was a

shortwave station that began as a low power facility of just 300 watts around 1962. The introductory channel was 9760 kHz, though half a dozen years later when the power was increased to 1 kW, a new channel was chosen, 7650 kHz.

This regional shortwave station was on the air for a little over a dozen years, and it was replaced by a high-powered 300 kW mediumwave station on 1062 kHz. Mediumwave Diyarbakir is still on the air to this day.

Location number 8 in our circular radio tour around the Middle Eastern nation of Turkey is Iskenderun, which was established by the famous Greek army general, Alexander the Great of ancient Macedonia in the year 333. The current name of this city is derived from the original name of its founder, Alexander. This city, Iskenderun, is located in a narrow peninsula-like section of Turkish territory that juts down into coastal Syria.

The records inform us that there was a shortwave station here, and it was on the air for half a dozen years during the 1960s. This station was also a low power operation, with just 300 watts on 9770 kHz.

Near the eastern edge of Turkey's Mediterranean coastline is the almost twin city complex of Mersin and Tarsus, an area that is also rich in Biblical backgrounds. The Old Testament Scriptures inform us that God called the Prophet Jonah to visit the city of Nineveh, and warn its inhabitants of impending doom.

However, Jonah became overwhelmed with the magnitude of the task and he decided instead to board a ship and flee to Tarsus. Although the Bible does not inform us of the exact location of this Tarsus, the Jewish historian Flavius Josephus states that Tarsus was located in Cilicia, that is modern day Turkey. In those ancient times, there was another city with a similar name, Tarshish, on the Mediterranean coast of what is modern day Spain.

The early Christian traveling evangelist, St. Paul is also associated with the city of Tarsus, his birth location when the city was

a Free City under the Roman occupation government.

The nearby city Mersin is named after the Myrtle Tree, or the Mersin Tree as they call it in their language. There is currently another high powered 300 kW mediumwave station giving coverage to these areas, and its operating channel is 630 kHz.

The city of Anatalya is located on the edge of the Mediterranean about half way along the south coast of Turkey. This city is a major tourist location, with a resident population of one million, and a tourist influx of 12 million each year. It is recorded in the New Testament Scriptures that Paul and Barnabas traversed through Anatalya on their way homeward from Europe to Jerusalem.

The high powered mediumwave station giving coverage to Anatalya and its environs is a 300 kW unit operating on 891 kHz.


Our final visit in this circular radio tour of 11 locations in Turkey is the city of Izmir which is located at the center of the very irregular western coastline. The chief export from this city has been myrrh, from which the city received its name.

Likewise, Izmir is mentioned in the New Testament of the Holy Bible as Smyrna and the Prophet John, who was named as one of the brothers of our Lord, wrote a short epistle to the Christians living in this city. It is contained in the Book of Revelation as one of the 7 cities on a circular travel route in western Turkey.


Izmir was the first regional city in Turkey in which a shortwave transmitter was installed, and it was also allotted a callsign. This station, a 1 kW unit on 7650 kHz under the callsign TAZ, was inaugurated in the early 1950s.

This regional shortwave station was in operation for the longest period of time, nearly a score of years. Sometime after its demise, a new high-powered mediumwave station was installed and this unit, still on the air to this day, emits 200 kW on 927 kHz.

And so we come to the end of our circular radio tour of Turkey, a visit to 11 different locations. During this circular journey around Turkey, we discovered that there were seven low powered shortwave stations on the air from regional locations during a 30-year period in the 1950s, 1960s and into the 1970s. We discovered also that these days there are now six high-powered mediumwave stations on the air in Turkey. Just two locations have hosted both an earlier low powered shortwave station and a subsequent high-powered mediumwave station, and these were the cities of Diyarbakir and Izmir.

*[This edition of the Diary was first broadcast on Wavescan on May 22, 2016 and June 5, 2016. More on the Turkish radio scene here in coming editions of Wavescan and Adrian Peterson's Diary. Thanks to NASWA's Jerry Berg for transcribing the programs for publication in The Journal and Shortwave Center.]* 

## NASWA Facebook Page

Join moderator **Richard Murphy** <richard.murphy@swri.org> at the club's Facebook page which provides members with another way to keep in touch. While the existence of the group is visible to all Facebook users, the online postings are available only to group members and group members must be NASWA members. Comments and suggestions from the membership are welcome. To locate the NASWA Facebook page, simply enter "North American Shortwave Association" into the search box on the top toolbar. If you are into social media, give it a try. 

# Listener's Notebook

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Times are UTC and frequencies in kHz.

**ALASKA** 11870, *KNLS*, Anchor Point, \*0800-0824, 06-07, English, religious comments and songs. Interference from *WWEN* with program in Spanish on the same frequency. 22321. (Méndez-Spain/PlayDX)

**ARMENIA VOA** Armenian Marks 65 Years on the Air: WASHINGTON D.C., June 24, 2016 — The Armenian Service of the Voice of America celebrated its 65<sup>th</sup> anniversary on Friday (June 24) during a ceremony at VOA headquarters in Washington. VOA Armenian first aired on June 24, 1951. Diplomats, representatives of the Armenian diaspora and former staff members joined VOA Director Amanda Bennett in honouring the service as a vital source of news for Armenian speakers around the globe. "VOA Armenian is one of the agency's smallest but most effective services," said Eurasia Division Director Elez Biberaj. "It has a weekly reach of 32 percent of adults in Armenia. It is among the leading international broadcasters in the region, and plays an important role as an unbiased source of information." (ARDXC)

*Voice of the Report of the Week* had a test via Gavar, Armenia on Tuesday 22 June in English at 1100-1200 on 15780 with 100kW to South Asia. Address for reports is vorwinfo@gmail.com. This is also a customer of Shortwaveservice Kall. (Christian Milling, A-DX via BC-DX/British DX Club)

**AUSTRALIA** 2325, *ABC* Tennant Creek NT (fair) // 2485, *ABC* Katherine NT (fair) // 4835, *ABC* Alice Springs NT (fair-good) // 9580, RA (good) // 12065, RA (fair-poor) // 12085, RA (fair-good), at 1219 on July 13. Post-game commentary of the New South Wales vs Queensland match. Northern Territory stations continue to do well, with Alice Springs being consistently 100% readable by about 1300. (Ron Howard-CA)

4835, *ABC* Alice Springs NT, 1222-1316, July 5. Talking about the late aboriginal singer Ruby Hunter; ID for "783 *ABC* Alice Springs"; news & weather; Tony Detroy's "Nightlife" show; promo for the upcoming "ABC Alice Springs half marathon"; very readable;

// 2325, *ABC* Tennant Creek NT (poor) // 2485, *ABC* Katherine NT (fair). Today with above average reception; rather good for summertime reception! (Ron Howard-CA)

*Unique Radio* is currently relocating to another transmission site and waiting for approval from ACMA. The existing transmission site at Halls Creek has been a challenge and the decision was made to cease transmission from there due to poor reception in much of the area and beyond. Until the new approval from ACMA we will continue online as usual. We are also developing a network of stations across Northern New South Wales and working on new ways to connect including streaming online. (Unique Radio Website/ARDXC) WINB will carry them on 9265 from 0300-0400 Fridays. Reports to manager@uniqueradio.info. (RAD)

**AUSTRIA** Good signal of *Radio DARC* via MBR on July 3

0900-1000 on 6070 MOS German Sun (DX Mix-Bulgaria)

**BHUTAN** 6035, *BBS*, 1257-1319\*, July 13. Running much later than normal; indigenous music/chanting/singing 1257-1300; ToH usual *BBS* theme music; 1300-1319\* announcer in vernacular with brief breaks at 1315 and 1318 for indigenous instrumental music; suddenly off at 1319\*; poor. *PBS* Yunnan (China) off earlier. (Ron Howard-CA)

**BOLIVIA** 5952.45, *Radio Pio XII*, Siglo XX, 0020-0033, 10-07, comments in Spanish and Quechua, mentioned "La familia", "Buenas tardes". 14321. (Méndez-Spain/PlayDX)

6024.95, presumed *Red Patria Nueva* with actual audio, which is a rare event for me; normally only an open carrier can be heard here; 0232-0239 on Jul 12 with E2L pop songs; poor. (Ron Howard-CA)

**BRAZIL** 4885, *R Clube do Pará*, Belém, PA, 2108-2212 and 2301-2352, Jul 06, 09, 12 and 14, Portuguese talk, Brazilian songs, 2128 ID: "Rádio Clube do Pará, onda media, 690 kHz, onda tropical, 4885 khz, ... Emisoras da Rede Amazonia de

Comunicação", soccer comments, 24322. (Méndez and Mille/DX Window)

10000, **Time Signal Station Observatorio Nacional**, Rio de Janeiro, 2149-2155, Jul 09, time signals, female: "Observatorio Nacional, 18 horas, 50 minutos, 0 segundos". Interference from Italcable. (Méndez-Spain/DX Window)

11734.96, Jul 1, 1952, **R. Transmundial**. Found the het here again at 1952. This indeed turned out to be R. Transmundial mixing with 11735 ZBC Zanzibar. Sounded like 2 sets of mx at t/in. Canned anmnts at 1958 by M in PT. Website anmnt w/ment of "Transmundial" and "www", then start of next anmnt w/ment of Transmundial, and off at 1959:02. Just about equal with Zanzibar. Don't ever recall hearing this sign off at this time in the past. R. Transmundial goes off leaving ZBC in the clear and the bandwidth is increased. (Dave Valko/Shortwave Bulletin) Reception report to: qsl@transmundial.com.br. (Rudolf Grimm via HCDX/Shortwave Bulletin)

11765, Super Rádio Deus é Amor, sent electronic reply in 5 hours for report sent to marcos.souza@ipda.com.br; v/s Marcos Ribeiro. (Norbert Reiner-Germany/PlayDX)

11815.03, **R Brasil Central**, Goiânia, GO, 2032-2045, Jun 28 and 29, Brazilian songs, Portuguese comments, ID: "Brasil Central". Strong interference from Arabia on 11820, 22321. (Méndez-Spain/DX Window) R Brasil Central reactivated on 11815. (Anker Petersen-Denmark/DX Window)

11914.9, **R Gaúcha**, Porto Alegre, RS, now on air, 2032-2050, Jun 27, soccer comments in Portuguese, "Porto Alegre", "San Lorenzo de Almagro", "Brasil", Brazilian songs, 14321. (Méndez-Spain/DX Window) R Gaúcha, Porto Alegre, Brazil, reactivated on 11915. (Anker Petersen-Denmark/DX Window)

**CANADA** I got a QSL-card from a standard radio frequency and time of the **CHU** Ottawa Canada reception on 11 June 2016, 0315-0330 at a frequency of 3330. Report send e-mail: radio.chu@nrc.ca. The card - Sandford Fleming (Toronto, 1879). Open plan to the standard time zones. With paintings Rex Woods. (DK; RUSdx July 3/TopNews)

**CENTRAL AFRICAN REPUBLIC Radio ICDI:**

1400-1700 on 6030 Sango/French

**Radio Ndeke Luka**

1700-1900 on 6030 Sango/French (NZDXTimes)

**CHAD Radio Nationale Tchadienne:**

0430-0730 on 6165 French  
0730-1030 on 6165 French Sat/Sun  
1030-2230 on 6165 French (NZDXTimes)

**CHINA 6035.0, PBS Yunnan.** July 8 again had them running long past their usual 1200 sign off. As occasionally noted recently, today playing non-stop classical western orchestra music, with about one minute of dead air between selections; tuned in at 1212 and still being heard at my last check at 1251. (Ron Howard-CA)

6200, **Voice of Jinling**, Nanjing, on Jul 03, at 1225, was hearing Xizang PBS, Lhasa, Tibet, with fair reception all by itself, PBS at 1229 full ID; at \*1235 heard the first of the distinctive double signing on of Voice of Jinling, first came on for about 18 seconds, then off for about 40 seconds, then finally on to stay on; Voice of Jinling programming was already in progress; Voice of Jinling stronger than PBS. (Howard-CA/DX Window)

**CLANDESTINE** Reception of **Oromo Voice Radio** via TDF on June 29

1600-1630 on 17850 ISS Oromo Wed/Sat. (DX Mix-Bulgaria)

**Radio Voice of Independent Oromia**

1600-1630 on 17860 ISS Oromo Sun (DX Mix-Bulgaria)

**Radio Front for Independence of Oromo**

1730-1800 on 17765 ISS Oromo Sun (DX Mix-Bulgaria)

**Radio Niger Delta Voice of Peace** began transmissions July 1 on shortwave 31 and 25 mb as follows:

0500-0558 on 9515 via TDF/ISS English, strong on July 1

1900-1958 on 11985 via TDF/ISS English, strong on July 1

(DX Mix-Bulgaria) Testing 11980 (WRTH Update)

Strong signal of **Radio Publique Africaine** via TDF, July 1:

1800-1858 on 15480 ISS Kirundi and French Daily (DX Mix-Bulgaria)

E-mail address: sibo82@gmail.com (WRTH Update) Former FM station silenced by the Burundi government in April 2015, now using SW and internet to reach its audience. (British DX Club)

Reception of **Radio Xoriyo** via TDF, July 1

1600-1630 on 17870 ISS Somali Mon/Fri. (DX Mix-Bulgaria)

**Sedoye Bahar/Voice of Spring** via BaBcoCk Grigoriopol, July 1:

1730-1800 on 7495 KCH Farsi Thu/Fri (DX Mix-Bulgaria)

Updated schedule of **Voice of Oromo Liberation** via MBR

1700-1730 on 15420 NAU Afar Oromo Wed  
1730-1800 on 15420 NAU Amharic Wed  
1700-1730 on 15420 NAU Afar Oromo Fri, additional  
1700-1730 on 15420 ISS Amharic Sun, ex 1700-1730 (DX Mix-Bulgaria)

15205, **Radio Adal** a new Eritrean clandestine broadcasting at 1500-1600 (1800-1900 Eritrean time) on Monday and Wednesday with e-mail address as radioadal@gmail.com. (WRTH YG via Ralph Perry-IL) Radio Adal on July 20: 1500-1530 on 15205 ISS Arabic Tue/Wed/Sat. 1530-1600 on 15205 ISS Tigrinya Tue/Wed/Sat (DX Mix-Bulgaria)

**Eye Radio**, Juba, probably via Issoudun. Heard 0400-0500 on 11730 with a multi-language news and commentary program mostly English. Also 17730 at 1600-1700. The station has got a well-designed website and Facebook site and also operates some FM stations within the country. I got an e-mail from the Facebook administrator promising a QSL card, but still waiting. (UQ/Shortwave Bulletin)

**Radio Munansi** has been confirmed as the name of the new Ugandan opposition station being relayed by WWRB. It is carried on Sat/Sun at 1700-1900 on 15240 in the Luganda language. Radio Munansi is a

US-based internet station at <http://radiomunansi.com/> with a postal address of 7035 Laurel Cyn Blvd # 15333, North Hollywood, CA 91615, USA. (British DX Club)

**Radio Niger Delta Voice of Peace** is committed to genuine struggle of the People of Niger Delta, for environmental protection, Political Participation and judicious resource empowerment of the people and region of Niger Delta in the Federal Republic of Nigeria. Radio Niger Delta Voice of Peace is committed to non-violence, peaceful agitation, respect for human rights and true federalism, democracy and rule of law. Radio Niger Delta Voice of Peace and its affiliates rejects all form of vandalism, environmental degradation and political prostitution by criminal cartels and organised crime in the name of the Niger Delta. Radio Niger Delta Voice of Peace declares its total support for dialogue and extends its hand of fellowship to all Nigerians, in particular President Muhammadu Buhari for his genuine support of the people of Niger Delta. We are ready and willing to partner with the Federal Gov't, its peace mission team under General Babagana Monguno in addressing holistically all issues relating to the region. (Website)

15239.95, Jul 2, 1558, **R. Munansi** (via WWRB) OC at 1558 t/in. WWRB ID by W and pgm solicitation w/ phone at 1559. More deadair. R. Munansi suddenly up w/nonstop Afro Pops at 1601 in good audio/speed. At 1614 audio went to increased speed and was cutting out every second. More Afro Pops and had a canned anmnt at 1631 but impossible to copy of course. Finally stopped the faulty audio at 1715 and then deadair for 2 minutes before coming back fixed w/more Afro Pops. 1723 w/sev. IDs and ments of Uganda by M in Afro vern. "Moneygram" ad in EG at 1744. Back to pgming w/mx and then tlk by M w/many names given and ments of Uganda and Kampala. Another ID at 1802, 1804, 1805, and radiomunansi.com website and radiomunansi@gmail.com e-mail addr at 1806. Fair signal. (Dave Valko-PA/Shortwave Bulletin)

**CONGO (DEMOCRATIC REPUBLIC)** 5066.33, R Tele Candip, Bunia, 0420, Jul 09, studio talk in French and vernacular, 35433. (Bell). Also heard at 1850, Jul 14, local music programme in French, 23333. (Giroletti). Also heard at 1936-1947, Jul 11, vernacular comments, 14321. (Méndez-Spain/DX Window)

**Radio Candip** Bunia:

0330-0700 on 5066v  
1300-2030 on 5066v French  
(NZDXTimes)

**CONGO (People's Republic) Radio Congo**

Brazzaville:

0500-0630 on 6115 French/Vernac.  
1630-1830 on 6115 French/Vernac. Mon-Fri  
1600-1900 on 6115 French/Vernac. Sat/Sun  
(NZDXTimes)

**CUBA** 5040, **Radio Habana Cuba** sent a card and schedule in 6 months from addr: radiohc@enet.cu; v/s: Rosario Lafita Fernández, Head of Correspondence Dept. (Norbert Reiner-Germany/PlayDX)

**ECUADOR** 6050, **HCJB**, Pichincha, 0449-0500\*, 01-07, music, German, comments, identification, anthem, identification in Spanish, time signals and close. 24322. (Méndez-Spain/PlayDX)

**EQUATORIAL GUINEA Radio Nacional Guinea Ecuatorial**, Radio Bata

0500-2300 on 5005 Spanish  
(NZDXTimes)

**ETHIOPIA** 6030, **R Oromiya**, Addis Ababa, 1916-1924, Jul 12, East African songs, 34222. (Méndez-Spain/DX Window)

6090, **Voice of Amhara**, Geja Jewe, Addis Ababa, 1832-1834 and 2025-2037, Jul 11 and 15, East African songs, vernacular comments, 14321. (Méndez-Spain and Mille-France/DX Window)

**FINLAND** 11690, **Scandinavian Weekend Radio**, Virrat, 0450-0504, 02-07, pop music in English. 14321. Also 11690, 1938-1950, 02-07, pop music and comments in English. 13221. (Méndez-Spain/PlayDX)

**FRANCE Deutsche Welle** in English:

0500-0600 daily on 15255iss (ex 15250)  
(WRTH Update)

**GERMANY** 5920, **HCJB Germany**, Weenermoor, 1925-1936, 03-07, religious songs and comments, German. // 7365 and 3995. 14321. (Méndez-Spain/PlayDX)

6150, **Europa 24**, Dattlen, 0618-0640, 29-06, can be heard here at about 0615, when close Austria on 6155, pop music, German, comments, identification: "Europa 24", news, more pop music, song "Black is Black" by Los Bravos. 14321. (Méndez-Spain/PlayDX)

6190, **Hamburger LokalRadio**, Goehren, \*0600-0700, 02-07, English, identification: "Hamburger LokalRadio", comments, at 0630 Glenn Hauser's program "World of Radio". 14321. (Méndez-Spain/PlayDX)

**Radio HCJB**: Transmitter power increased at Weenermoor on July 18, at present test up to 800watt PEP, in coming days more power then. Reception report are welcomed to Stephan Schaa HCJB Weenermoor at schaa@diescite.de. 3995 at 0000-2400 (tx power reduced at 2205-0300); 5920 at 0355-2305; 7365 at 0558-2200. (Stephan Schaa-D-HCJB Weenermoor Germany, wwdxc BC-DX TopNews July 18)

Updated SW schedule of **Deutscher Wetterdienst** from July 1:

0604-0630 on 5905 PIN German CUSB, alt. 6180  
1204-1230 on 5905 PIN German CUSB, alt. 6180  
1604-1630 on 5905 PIN German CUSB, alt. 6180  
2004-2030 on 5905 PIN German CUSB, alt. 6180  
(DX Mix-Bulgaria)

**GUATEMALA** 4055, **R Verdad** verified my February report in English from Easter Island using DEGEN DE1121 portable with only a telescopic aerial with a full details colour QSL card with photo of station staff and letter signed by Manager Dr Edgar Amilcar Madrid, Attractive yellow station banner, station information, sked and religious material. Some quotes from his letter: "We first went on the air 25 February 2005. Our transmitter power has been increased from 700 Watts to 1.1 kW Solid state omnitronix. Our antenna is a two co-linear dipole array or double extended zepp, end fed with a centre phasing stub, 12 metres high in order not to miss the closest Guatemalan city of Chiquimula which we are getting nicely. Our station is a fully non-profit educational and evangelical effort. Radio Verdad (Radio Truth) transmits from Mount Horeb and Glory's Hill. Our web address is www.radioverdaddad.org and our audio can be heard over the internet at www.mixlr.com/radioverdaddad-chiquimula where we have 5607 hits and 170,862 over the web plus 10,594 via our Blog. We receive many recep-

tion reports, especially from the U.S., Sweden, Honduras, Finland, Denmark, Germany, actually 776 different towns from 65 countries, including Australia". (Shepherd-Australia/DX Window)

**INDIA** 5050, *AIR Aizawl* (presumed), 1154-1236, July 6. Tuned in to find two stations equally mixing together (Beibu Bay Radio [China] & AIR); could make out was in English during the usual 1220-1225 and then again 1230-1235 with sports news; AIR with very respectable signal strength, but having problems with the BBR QRM. So even though reception was a mess, still nice to find AIR on the air. (Ron Howard-CA)

Message from *All India Radio*, SMS Division: Important announcement for our listeners all over the world. As you know that All India radio is regularly receiving reception reports/ feedback from various listeners residing in India and abroad. In this regard, a feedback form was provided on our website [www.allindiaradio.gov.in](http://www.allindiaradio.gov.in). Now, All India Radio has created a 'Listeners Corner' section on its website <http://allindiaradio.gov.in> where listeners may have several useful information. A special link named "Reception Report/ Feedback from Listeners along with mandatory one time Listener Registration" is created to send the feedback online on our services. We may issue e-QSL also. All the listeners are requested to send their reports/ feedback through this link in the future. Here's the direct link: <http://pbinfo.air.org.in/feedback/>. Link to 'Listener's Corner': <http://allindiaradio.gov.in/Information/ListenersCorner/Pages/default.aspx>. (Alokesh Gupta-India/DX Window)

**INDONESIA** *Voice of Indonesia* was back on air, July 12:

1000-1100 on 9525.9 English  
1100-1200 on 9525.9 Chinese  
1200-1300 on 9525.9 Japanese  
1300-1400 on 9525.9 English  
1400-1500 on 9525.9 Indonesian  
1500-1600 on 9525.9 Chinese  
1600-1700 on 9525.9 Arabic  
1700-1800 on 9525.9 Spanish  
1800-1900 on 9525.9 German  
1900-2000 on 9525.9 English  
2000-2100 on 9525.9 French  
(DX Mix-Bulgaria)

3325, Pro 1 *RRI Palangkaraya*, 1224, July 12. Longer than normal Jakarta news relay which

ended at 1239 with unid patriotic song; news // 4869.89, *RRI Wamena* (both about equal strength). 1300 full "Programa satu RRI Palangkaraya" ID and singing ID jingle; promo for an RRI app for "audio on demand" and "audio streaming"; my local sunrise at 1259 UT, so reception was almost fair, with QRN (static). (Ron Howard-CA)

4869.89, *RRI Wamena*, 1223-1225, July 14. Unid patriotic song that ended the Jakarta news relay; news and song // 3325, Pro 1 RRI Palangkaraya. (Ron Howard-CA)

7290, *R. Republik Indonesia*, Nabire (presumed). Jun.4 at 1058-1103(s/off) in Arabic. S10333. Quran reading aloud only. Received in Arasaki Park, Yokosuka City. (Nishiguchi-Japan/Japan Short Wave Club)

9525.89, *VOI*, 1301-1326, July 8. In English with news, "Focus," "News in Brief." "Indonesia Wonders"; promo for "VOI's International Quiz 2016"; semi-readable, which is certainly better than the norm here. In the past VOI carried "Exotic Indonesia" on Friday, but clearly was not on today and has been a long time now since I last heard that program. July 9 & 10, VOI was off the air during my usual monitoring times (Ron Howard-CA)

**ITALY** Weekly broadcast of *Marconi Radio International*, Wednesday:

1830-1930 on 15070 unknown secret tx site to Eu various langs USB  
2000-2100 on 7700 unknown secret tx site to Eu various langs USB  
2130-2230 on 7700 unknown secret tx site to Eu various langs USB  
(DX Mix-Bulgaria)

**JAPAN** Yamata transmitter site was built in 1940; first SW transmission to Asia and Europe using 10/50 kW transmitter was recorded in January 1944. Overseas SW transmission was stopped by US occupation forces between 1945-1952. After 1952, the site has been exclusively used for *Radio Japan's* overseas SW service to now. So Yamata site seem to be one of the oldest SW transmission sites which is now in operation. There was another SW site "Nazaki" nearby. Nazaki SW site began SW transmission to Asia, Europe, and North America in 1934. The site was stopped operation by US occupation forces between 1945-1952. After 1952, the site was used by Radio Japan's overseas

SW transmission until 1969. After 1969 the site was used for utility purposes until 2009. The site was closed and demolished in 2009. (Takahito A. [Japan] 19 June 2016 to Ian/TopNews)

**KOREA (NORTH)** *Voice of Korea* in English:

1030-1130 daily on 11710kuj, 15180kuj (ex 6170, 9435)  
1030-1130 daily on 11735kuj, 13650kuj (ex 6185, 9850)  
1330-1430 daily on 13760kuj, 15245kuj  
1530-1630 daily on 13760kuj, 15245kuj (ex 7570, 12015)  
1830-1930 daily on 13760kuj, 15245kuj (ex 7570, 12015)  
2130-2230 daily on 13760kuj, 15245kuj (ex 7570, 12015)  
(WRTH Update)

**KYRGYZSTAN** 4819.90, *Birinchi R*, Krasnaya Rechka, \*0000-0010, Jul 05, National Hymn by choir, Kyrgyz and Ru talk, song, heterodyne from Xizang, 34232 (// 4009.9 not heard because of strong CWQRM). (Petersen-Denmark/DX Window)

**LIBERIA** 6050, *ELWA Radio*, Monrovia, \*0529-0635, Jul 03, 10, 14 and 17, tuning music, ID: "ELWA Radio", religious program in English, 14321. (Méndez-Spain/DX Window)

**MADAGASCAR** Reception of WCB *KNLS Madagascar World Voice* on July 2

1800-1900 on 9570 MWV Russian *KNLS The New Life Stn*  
1900-2000 on 11945 MWV Arabic *Radio Feda*  
(DX Mix-Bulgaria)

*Radio Madasikara*

0200-2010 and 2010-2200 Sa Su 5010v Malagasy (NZDXTimes)

Reception of *RTÉ Radio One* via BaBcoCk, July 12

1930-2000 on 5820 English Mon-Fri  
(DX Mix-Bulgaria)

17640, *African Pathways R*. On Fr Jul 01, Henry Huffard <hhuffard@worldchristian.org> wrote: "Dear Mr. Constantinides, Thank you for your email. We are sorry you were unable to hear our African Pathways (English) broadcast while you were in South Africa. The antenna used for the 1800 UTC broadcast at 17640 MHz is not currently functioning. It is scheduled to be repaired when our engineer returns in late July. The programs for African Pathways are recorded in various places,

assembled in the USA and broadcast from our station in Madagascar. *KNLS* is our other station and it is almost exactly on the opposite side of the world from Madagascar. Our antenna for the 400 UTC broadcast at 9480 MHz is operating properly and should give you adequate reception. Best wishes for you in Cypress. With kindest regards, Henry Huffard, Sr. Producer, African Pathways Radio". (Constantinides-Cyprus/DX Window)

**MALI** 5995, *R Mali*, Bamako, \*0559-0615, Jul 10 and 12, tuning music, French, ID and frequencies: "La Radiodiffusion Television du Mali, emmettant du Bamako", comments, 14321. Also heard at 2015-2118, Jul 09 and 11, vernacular comments, 14321. (Méndez-Spain/DX Window)

9635, *R Mali*, Bamako, \*0800-0811, Jul 03 and 12, tuning music, French ID, comments, 14321. (Méndez-Spain/DX Window)

*Radio Mali* (ORTM)

0600-0800 on 5995 French/Arabic  
0800-1800 on 9635 French/Arabic  
1800-2400 on 5995 French/Arabic  
(NZDXTimes)

**MONGOLIA** 12035, *Voice of Mongolia*, English Section sent card in 6 weeks. Addr.: CPO Box 365, Ulaanbatar 13; I sent them 3 rr's concerning my receptions on 12035 kHz, on 6005 kHz (via Kall) and a f/up for my reception of the HS on 4895 kHz; both cards confirmed my reception on 12035. (Norbert Reiner-Germany/PlayDX)

**MYANMAR** 5985, *Myanma Radio* sent an electronic reply in 4 weeks from addr. npradio.eng@gmail.com. v/s "Myanma Radio (Engl. Program). They sent me a detailed electronic QSL-card. (Norbert Reiner-Germany/PlayDX)

9730, *Myanmar Radio*, 1127-1130\*, June 26. In vernacular; start of their singing ID jingle, which was cut off early. Recently have noted it takes a minute or less to switch frequencies from 9730 to 5985. 5985, Myanmar Radio, \*1130, June 26. (Ron Howard-CA)

**NEW ZEALAND** *RNZ International* (RNZI) is retiring its 27-year-old analogue-only short-wave transmitter and moving to a one-transmitter operation from 1 July 2016. (Wolfgang Büschel, Germany, wwdxc BC-DX TopNews)

From Jul 01, 2016, R New Zealand International moves to a one transmitter operation with this schedule:

2051-0458 on 15720 English AM Daily  
0459-0658 on 11725 English AM Daily  
0659-1058 on 9700 English AM Daily  
1059-1258 on 9700 English AM Daily  
1259-1650 on 6170 English AM Daily  
1651-1858 on 7330 English AM Sat  
1859-1958 on 9700 English AM Sat  
1959-2058 on 11725 English AM Sat  
1659-1850 on 5975 English DRM Sun-Fri  
1851-1950 on 9760 English DRM Sun-Fri  
1951-2050 on 11690 English DRM Sun-Fri  
(Ivanov-Bulgaria/DX Window)

**OMAN** Summer A-16 shortwave schedule of *Radio Sultanate of Oman*:

0000-0200 on 9500 THU Arabic  
0200-0300 on 15355 THU Arabic  
0300-0400 on 15355 THU English  
0400-1000 on 13600 THU Arabic  
1400-1500 on 15140 THU English  
1500-2200 on 15140 THU Arabic  
2200-2400 on 9740 THU Arabic  
(DX Mix-Bulgaria)

**PAPUA NEW GUINEA** 3260, *R. Madang*. The only PNG station on air this evening, island songs 1105, into anncts, low level, 25/6 (Seager-Australia/ARDXC) 3260, NBC Madang, 1206\*. July 11. Went off the air suddenly in mid-news in English; close to being readable. (Ron Howard-CA)

3365, 0240, *NBC Milne Bay* reactivated, good w/EE discussion 8/6. (Bryan Clark-New Zealand/NZDXTimes)

7324.95, *Wantok Radio Light*. Checked at 0902, July 13 to only find a clear frequency: has been off the air for a while now. (Ron Howard-CA)

**PAPUA NEW GUINEA (BOUGAINVILLE)** 3325, *NBC Bougainville* noted 1123-1223\* on Jul 4; poor, but better than normal; EZL pop songs (The Commodores "Nightshift," Cyndi Lauper "Time After Time," etc.). Very little RRI QRM :). (Ron Howard-CA) 3325, NBC Bougainville, 1149-1202\*, July 8. Pop songs; 1200 time check ("11 o'clock") & "NBC Bougainville" ID; into NBC news in English; suddenly off; most of the time mixing badly with Pro 1 RRI Palangkaraya, which after 1202 was in the clear with fair reception, relaying the Jakarta news. (Ron

Howard-CA) 3325, NBC Bougainville, 1140, July 11. Pop Pacific Islands music; DJ in Pidgin; 1153 start of Michael Jackson's song "Heal the World"; 1155\* cut off in mid-song; QRN (static); almost fair; no trace of RRI Palangkaraya at this time, but heard later. (Ron Howard-CA) 3325, NBC Bougainville, 1133-1156\*. July 12. Pop songs ("I Wanna Live My Life With You," etc.); many time checks ("25 to 11"); ID ("NBC Bougainville") with frequencies; DJ in Pidgin; fair signal strength today, but mixing with almost as strong RRI Palangkaraya, which was in the clear after 1156. BTW - At 1158 there was no NBC Madang on 3260. (Ron Howard-CA) 3325, NBC Bougainville, 1134-1210\*, July 13. DJ in Pidgin with pop songs (Tina Turner song, etc.); 1156-1200 series of full IDs (usual FM frequencies 94.5 & 95.5 for Central Bougainville) and promo for NBC Bougainville; 1201 usual PNG bird call and "Good night Papua New Guinea . . . NBC news in brief"; 1210 suddenly off in mid-song; light RRI Palangkaraya QRM (Ron Howard-CA)

**PERU** 4747.06, *R. Huanta 2000*, Huanta, Ayacucho; at 2245-2310 on July 12; folk mx w/ huaynos, adstrng ment. "Automóvil Club Ayacucho", "Cooperativa Santa María Magdalena", "La semana del café Ayacuchano", ID: "Radio Huanta". 44444. (Pedro F. Arrunátegui-Perú/DXplorer)

4774.9, *Radio Tarma*, Tarma, 0005-0026, 10-07, Peruvian songs, Spanish, comments, "Escuchando este programa de Radio Tarma". 14321. (Méndez-Spain/PlayDX)

4955.00, *R. Cultural Amauta*, Huanta, Ayacucho; at 2320-2345 on July 12; folk m, bilingual prgm in Quechua & Spanish, advs. 44444. (Pedro F. Arrunátegui-Perú/DXplorer)

4985.50, *R. Voz Cristiana*, Chilca, Huancayo; at 2335-0002 on Jul 15; folk mx w/ rlg contents. The apparently have problems with their signal, which intermittently drops and fades out; prgm: "Buenas Nuevas"; advs; ID. 44444. (Pedro F. Arrunátegui-Perú/DXplorer)

5024.92, *R. Quillabamba*, Quillabamba, Cusco; at 0002-0020 on Jun 20; ID: "Radio Quillabamba"; prgm: "Caballo Suyu", bilingual, folk mx; ID: "Radio Quillabamba, primera..." 44444. (Pedro F. Arrunátegui-Perú/DXplorer)

5980.00, *R. Chaski*, Urubamba, Cusco; at 1140-1205 on Jul 15; prgm: "Momentos decisivos", ment. "El Libro

de Daniel", they continue to ID as: "Radio Red Integridad". 44444. (Pedro F. Arrunátegui-Perú/DXplorer)

6173.9, **Radio Tawantinsuyo**, Cusco, 0016-0033, 10-07, Spanish, and Quechua comments. Very weak. 14321. (Méndez-Spain/PlayDX) 6174.04, R. Tawantinsuyo, Cusco; at 0025-0045 on Jun 20; advs in Quechua and Sp, prgm: "Noticiero ABC, a través de Radio Tawantinsuyo" 44444. (Pedro F. Arrunátegui-Perú/DXplorer)

**PHILIPPINES** 9400, **FEBC**, Iba. Mandarin service at 1014 and different programming from 9430 where it's also Mandarin, good signal 9/6. (Wagner-Australia/ARDXC)

11650, **R. Teos** St Petersburg via FEBC, Bocaue. RR on 4/6 at 1501 w the rlg px called "The History of Heart" (Pankov-Bulgaria/ARDXC)

**RUSSIA** 6990, **Radio Komintern** verified with an e-card in 2 days. Addr: 050353@mail.ru; v/s and operator Sergej from Rossosh, Voronezh Region, sent his e-QLS with congratulations in German to me and to all communists in Germany on the occasion of the 98th anniversary of the Great Socialist October Revolution. (Norbert Reiner-Germany/PlayDX)

7295, **Radio Sakha**. Thanks to Mauno Ritola for posting the following to WRTH Facebook. Appreciate his feedback. Recently R. Sakha on 7295 has had very strong signals into California, whereas 7345 is now mostly unusable. "Yes, Ron, it must be as you say, that they have changed the stronger tx to 7295 kHz. I checked both here in Finland and via Japan remote rx's around 1000 today [July 5] and both had 7295 stronger than 7345, so not a question about directionality." (Ron Howard-CA)

7345, **R. Sakha**, Yakutsk. Recently reactivated, song 1049, not a bad signal //7295 & slightly better. ID 1051. Blocked by CNR from 1100 & no sign of Myanmar this night (see log above), 25/6. (Seager-Australia/ARDXC)

**SÃO TOMÉ** 4940.00, **VOA**, Pinheira, having transmitter problems, \*2029-2045, Jul 01, English opening ID: "This is the Voice of America, Washington DC, signing on" and then the transmitter fall out! Back at 2033 with Hausa talk about FBI, Nigeria and Kenya, but the transmitter again fall out a couple of times for a few seconds, 44444 CWQRM. (Petersen-Denmark/DX Window)

## **SAUDI ARABIA** *Saudi Radio International*

1400-1600 daily on 17660rly French (not 1400-1800) 0700-0900 daily on Somali on 13720rly (add) (WRTH Update)

**SOLOMON ISLANDS** 5020, **SIBC**, on July 7 with special extended broadcast to celebrate their 38 anniversary of independence; 1203 (after a long National Anthem), continued on with non-stop Pacific Islands music and songs, except for occasional announcements sending out congratulations to the good people of Solomon Islands and to the government; commercial announcements from Solomon Islands Airlines and a IT service who "wish to convey to the government and people of our beloved nation, Solomon Islands, a happy 38 anniversary of independence, God bless the Solomon Islands"; still being heard at tune out of 1318. My local sunrise was at 1256. (Ron Howard-CA)

**SOMALIA** 7749.9, **Warsan R**, Baydhabo, 1650-2100\*, Jul 07, 13 and 17, Somali talks and Horn of Africa music and songs heard, best in USB because of digital noise on LSB, 25332. The city of Baydhabo is located 220 kms northwest of Mogadishu. (Kenny-UK, Pankov-Bulgaria and Petersen-Denmark/DX Window)

**SOMALILAND**, 7120, **Radio Hargeisa**, Hargeisa, 1843-1900\*, 11-07, Vernacular comments. 23322. (Méndez-Spain/PlayDX)

## **SUDAN** *Radio Omdurman*

0215-0430 on 7205 Arabic  
1430-1530 1530-1930 1930-2100 on 7205 Arabic (NZDXTimes)

**TAIWAN** 9410, **Fu Hsing BS** (presumed). Nice surprise to find they seem to have fixed their transmitter! Noted at 1225 and subsequent checking, July 13; in Chinese. Today seemed like back to a normal operations without interruptions! For a long time now 9410 has been free of CNR5 QRM. (Ron Howard, Pacific Grove, CA)

11665. The German service of **RTI** will have special broadcasts directly from Tamshui in Taiwan. Reception reports will be verified with a special QSL-card. Here is the schedule: Tests on July 22 at 1600-1610 in AM and at 1620-1630 in DRM. On Aug 26, 27, 28 and Sep 02, 03 and 04, all at 1600-1700. On Oct 01, 02, 03, 08 and 09, all at 1000-1100 in AM.

On Oct 10 at 1000-1100 in DRM. (Ghibaud-France/  
DX Window)

**TAJIKISTAN** 9530H, *Tajik Radio*, Dushanbe. Home  
ice in TJ on 11/6 at 0430. It is 2nd hx but better  
signal was on 14295 and 19060. Fundamental 4765  
was not heard here in daytime, whether someone  
may check their 4th, 5th etc. hxs? (Pankov-Bul-  
garia/ARDXC)

**UNITED KINGDOM** At least 98 jobs at the BBC  
Monitoring department are to be cut ahead of a £4m  
reduction in funding. The team will relocate from  
Caversham Park in Reading, its base since 1943. It  
is understood that the service's new headquarters  
will be based in London. The timing of this move  
will be confirmed in due course. The operating costs  
for BBC Monitoring in the FY 16/17 are £13.2m, and  
there are currently 320 staff. (Prof. Dr. Hansjoerg  
Biener-D, via wwdxc BC-DX TopNews July 5)

*European Music Radio* is now off air for the summer and  
returns in October (Allen Dean-UK/British DX Club)

**USA** BBG Board Feels Push for Reforms by Randy  
J. Stine: A move by some in Congress to overhaul  
the structure of the Broadcast Board of Governors  
has the attention of the government entity that  
manages international broadcasting for the United  
States. At the BBG's monthly board meeting last  
week, BBG Chairman Jeff Shell acknowledged the  
amount of buzz on possible reforms to its five  
networks is high. "Congress is at a high point of  
activity. There has been a flurry of activity to pos-  
sibly change the composition and structure of the  
BBG. We are preparing a position on the reforms,"  
Shell said. "We are still trying to figure out the  
implications of some of the provisions that we like."  
Critics of the BBG have been banging the drum for  
an overhaul for several years. Most recently, an  
amendment to the House of Representatives FY  
2017 defense spending bill would leave open the  
possibility of the Voice of America transitioning to  
an independent grantee organization, if designated  
as such by the CEO of the Broadcasting Board of  
Governors. Currently, VOA and the Office of Cuba  
Broadcasting are tax-payer funded federal broad-  
casting entities of the BBG. The Board also oversees  
three grantee organizations: Radio Free Europe/  
Radio Liberty, Radio Free Asia and the Middle East  
Broadcasting Networks. The amendment to FY 2017  
National Defense Authorization Act was submit-  
ted by Rep. Mac Thornberry (R-Texas) and passed  
on a voice vote in May. Thornberry serves as the

chairman of the House Armed Service Committee.  
Several other board members spoke at the meeting  
and acknowledged the amendment deserves con-  
siderable deliberation. Gov. Michael Kempner said,  
"There are provisions that depending on how they  
are defined we may like and some that we may not  
like." (Radio World NewsBytes)

**BBG Chair Jeff Shell Detained in Russia:** Jeff Shell,  
Broadcasting Board of Governors board chair and  
chairman of Universal Filmed Entertainment Group,  
was denied entry to Russia late Tuesday, according  
to BBG, which oversees government backed inter-  
national media outlets including Voice of America,  
Radio Free Europe/Radio Liberty and the Middle  
East Broadcasting Networks. Shell was detained at  
Moscow's Sheremetyevo Airport and denied entry  
into the country despite having a passport and  
visa, according to BBG. "Shell was denied entry into  
the country despite having a valid passport and  
Russian visa, and subsequently detained in a locked  
room for several hours, before being accompanied  
by Russian security officials to board a flight to  
Amsterdam," BBG said in a statement. "No expla-  
nation has yet been given to Shell, or the BBG, for  
his detention." Shell told colleagues that airport  
security said the ban was permanent. BBG officials  
said they had met with U.S. ambassador John Tefft  
in Moscow and that he and the State Department  
were looking into it. (Radio World NewsBytes)

**BBG Call Shell Incident "Blatant Aggression"** by  
Paul McLane: "Blatant aggression" is the term used  
by the CEO of the Broadcasting Board of Governors  
to describe what happened to Chairman Jeff Shell  
this week in Moscow. In an incident with echoes  
of the Cold War, Shell was denied entry to the  
country, held at the airport for several hours and  
then accompanied by security officials to board an  
outbound flight. Shell is also a film executive with  
NBCUniversal. BBG CEO John Lansing said Russia's  
foreign ministry "announced, falsely, that Chair-  
man Shell was a key organizer of 'anti-Russian prop-  
aganda' and was being sanctioned in retaliation to  
the United States' visa sanctions against Russian  
citizens." He said the ministry threatened anyone  
who sanctions Russia to expect "unavoidable retali-  
ation." "This blatant aggression is unfortunately  
not reserved for foreign officials and businessmen.  
Every day, the Russian government silences critics  
and tightly controls the flow of information in and  
around the country. Voice of America and Radio  
Free Europe/Radio Liberty provide unbiased and  
uncensored news and information to audiences

living in Russia and the Russian periphery. But they do so at great risk." The Russian foreign ministry was quoted earlier saying that Shell had been put on a "stop list" in response to introduction by the United States of visa sanctions against Russian citizens, according to the Hollywood Reporter. But Lansing said journalists at VOA and RFE/RL have been the subject of "smear campaigns orchestrated by Kremlin-supported media," and that reporters and contributors have been threatened and had their homes searched. He noted that while Russia Today and Sputnik "enjoy access to the airwaves in the United States," U.S. international broadcasters are denied licenses in Russia. The BBG, Lansing said, "will continue to inform, engage and connect people around the world in support of freedom and democracy. ... While the incident with our board chair was unfortunate, it reminds us why the work we do is so important and why we will not be deterred." Shell was quoted in the Los Angeles Times about the incident: "The worst part was getting walked down to the plane by the guard. ... That was so embarrassing as I had to fly for three hours with all of these people who thought I might have been a terrorist or something." (Radio World NewsBytes)

**IBC** - Italian Broadcasting Corporation announced on their Facebook page: News for our listeners in North and South America! From this week we start two new broadcasts from Okeechobee (FL, USA): every Friday 0100-0130 on 9955 every Saturday 0130-0200 on 11580. Please try to listen and reports to [ibc@europe.com](mailto:ibc@europe.com). Updates news and complete schedule on <http://www.ibcradio.webs.com>. (Alan Gale 13 June/British DX Club)

**Radio Northern Ireland** is now scheduled via WRMI as follows: Saturday 2100-2130 on 15770, Sunday 0130 on 11580, Tuesday 2200-2230 on 9955. On 18 June they were heard on 6205 during the evening. (Allen Dean-UK/British DX Club)

**Hobart Radio International** is now scheduled via WRMI as follows: Saturday 2030-2100 and 2330-0000 on 11580, Sunday 0330-0400 on 9955, Tuesday 0330-0400 on 9955. Also via WBCQ on Mondays at 0330-0400 on 5130. (Allen Dean-UK/British DX Club)

Frequency changes of IBB, including transmitter changes

### **Radio Free Asia**

0030-0130 on 17785 SAI Burmese, ex IRA  
 0100-0200 on 9780 KWT Uyghur, ex IRA  
 1100-1200 NF 15195 TIN Lao, ex 15120 TIN  
 1230-1330 on 7530 TIN Burmese, ex IRA  
 1630-1730 on 9940 ERV Burmese, ex IRA

### **Deewa Radio**

0100-0300 on 11700 LAM Pashto, ex IRA  
 0100-0300 on 13840 UDO Pashto, ex IRA  
 0300-0400 on 13840 LAM Pashto, ex IRA  
 1300-1400 on 13590 UDO Pashto, ex IRA  
 1300-1900 on 9335 LAM Pashto, ex IRA  
 1300-1400 on 9310 UDO Pashto, ex IRA  
 1400-1430 on 9310 KWT Pashto, ex IRA  
 1430-1600 on 9310 UDO Pashto, ex IRA

### **Radio Farda**

0230-0400 on 13860 UDO Persian, ex LAM  
 0630-0730 on 17880 UDO Persian, ex IRA  
 1200-1800 on 12005 WOF Persian, ex IRA

### **Voice of America**

0330-0430 NF 9685 SAO Kirundi, ex 11905 SAO  
 1330-1430 on 11695 PHT Khmer, ex IRA  
 1400-1500 on 17870 WOF Kurdish, ex IRA  
 1430-1530 on 11965 UDO Burmese, ex IRA  
 1630-1700 NF 6040 BOT Amharic Mon-Fri, ex.  
 6080 SAO  
 1630-1700 on 15120 GR Portuguese Fri, ex BOT  
 1700-1800 on 7485 UDO Kurdish, ex IRA  
 1830-1900 NF 11835 SMG Kirundi Mon-Fri, ex  
 11865 SMG  
 1930-2000 NF 11835 SAO Kirundi Mon-Fri, ex  
 11865 SAO  
 2330-0030 on 7440 UDO Burmese, ex IRA

### **Radio Mashaal**

0400-0500 on 15760 UDO Pashto, ex IRA  
 0500-1300 on 15760 KWT Pashto, ex IRA  
 1000-1300 on 15360 UDO Pashto, ex IRA

### **Radio Liberty**

0400-0420 on 7270 LAM Chechen till Sep.30  
 0400-0420 on 9520 BIB Chechen till Sep.30  
 1600-1700 on 7475 ERV Tajik, ex IRA  
 1600-1620 on 11780 BIB Chechen till Sep.30  
 1600-1620 on 11815 LAM Chechen till Sep.30, x WOF

Updated shortwave schedule of **WINB** Red Lion from July 10:

1130-1200 on 9265 English Sun  
1200-2000 on 9265 English Sat/Sun  
1700-1900 on 9265 English Mon-Fri  
1900-1945 on 9265 English Mon-Fri  
1945-2000 on 9265 Eng/Spa Mon-Thu  
1945-2000 on 9265 English Fri  
2000-2230 on 9265 English Daily  
2230-2300 on 9265 Spanish Mon  
2230-2300 on 9265 English Tue-Sun  
2300-2400 on 9265 English Daily  
0000-0230 on 9265 English Daily  
0230-0300 on 9265 English Sat-Thu  
0300-0400 on 9265 English Sat/Mon  
(DX Mix-Bulgaria)

7505.00, **WRNO**, 0315 & 0355-0400\*, Thursday, July 14. In Chinese; 0357 WRNO ID and contact info in both English and Chinese; closing English announcement for the Chinese program "Praise for Today"; final WRNO ID before going off the air; fair with QRN (static). Out-of-date WRNO website does not list this program; in the past was scheduled for Thursday and Saturday 0300-0400 (Ron Howard-CA)

**VANUATU** 7260, **R. Vanuatu**. Jun. 4 at 0858-0913 in English. SIO322. Popular music, ID at 0901 as "Radio Vanuatu, broadcasting service on..." Information Talk. Received in Arasaki Park, Yokosuka City. (Nishiguchi-Japan/Japan Short Wave Club) 7259.95, **R. Vanuatu**, Port Vila. Quite a strong signal at 0730. A talk about family relationships in the Bislama language but with many phrases in English. Still going strong at 0930 and I haven't heard it this well for quite some time now, 9/6. (Wagner-Australia/ARDXC)

**VIETNAM** 9636, **VoV**, Son Tay. Settled right on 9636 (up a little higher than its usual "off-frequency" residency) for the Vietnamese national service relay at 1000, good signal, 9/6. (Wagner-Australia/ARDXC)

11720, **VoV**, Son Tay. Network 1 national relay in Vietnamese at 1110. Heavy QRM from a much stronger co-channel CRI-Baoji-Xinjie also running Vietnamese to the same region. VoV was running // 9635.8 which was the better frequency at this time. Also // 5975 but very weak there under CNR 8 in Korean, and 7210 where there was nothing heard on 3/6. (Wagner-Australia/ARDXC)

**ZAMBIA** 9680, **Voice of Hope**, Lusaka, \*0458-0536, Jul 06 and 13, tuning music, English religious comments and songs, ID: "This is The Voice of Hope", "For all Africa", 24322. (Méndez-Spain/DX Window) 9680, **Voice of Hope**, Lusaka, \*0458-0530, 13-07, tuning music, identification: "Voice of Hope", "For all Africa", English, religious songs and comments. 24322. (Méndez-Spain/PlayDX)

**Voice of Hope** - Revised complete schedule in English:


0500-0800 Mon-Fri on 9680  
1200-1700 Sat/Sun on 9680  
(WRTH Update)

**ZANZIBAR** **Zanzibar Broadcasting Corporation** (ZBC):

0300-0600 on 6015 Swahili  
1500-2100 on 11735 Swahili, English 1800-1810  
irreg.  
(NZDXTimes)

6015, **ZBC Radio**, 0317, July 14. A good day for African reception; briefly with chanting/singing followed by many mentions of "Zanzibar"; 0338 briefly with the usual chanting and theme song (Ron Howard-CA)

**FILM NEWS (!)** First Look at **SHORTWAVE**, New Film from The Invitation Producers. Shortwave is upcoming sci-fi/horror produced by Tony Mancilla and Lindsay Lanzillotta, two of the producers of Sitges winner The Invitation (review). The film is about to begin its festival run with a premier at Dances With Films in Hollywood on Saturday June 4th. In the film, a couple loses their daughter in a peculiar disappearance and is trying to move on. But after moving into a new home, a particular shortwave radio signal brings about oddness. Shortwave is the directorial debut of Ryan Gregory Phillips and stars Juanita Ringeling, Cristobal Tapia Montt, and Kyle Davis and features Jay Ellis, Nina Senicar, Sara Malakul Lane. (quietearth.us) Shortwave signals causing oddness? Never! (Craig Seager-Australia/ARDXC)

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

# Pirate Radio Report

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

Given a sudden deluge of activity at work that combined with a summer vacation, we have an abbreviated column this month. We hope to catch up on numerous pirate loggings from NASWA members next month.

Shortwave pirate broadcasting continued at a very brisk pace once again during the last month. Pirate broadcasting inevitably increases around major North American holidays. You ought to make your plans to listen to the increased pirate broadcasting activity that is certain to appear around the Labor Day holiday weekend, which this year is on September 3-5. This traditionally is a major pirate radio holiday.

Further, as a result of the forthcoming end of summer, eventually falling static levels make DXing shortwave pirates easier.

Our very busy Executive Director Rich D'Angelo noticed an item in *Radio World*

that announced that the FCC earlier this year gave testimony to an oversight meeting of the US Senate Commerce, Science, and Transportation Committee. The FCC promised "smarter" enforcement actions against pirate radio transmitters. In particular the FCC said that it plans stricter awareness and enforcement actions against the many dozens of FM pirates that are interfering with licensed broadcasters in the New York City region. The FCC did not mention shortwave pirates in this congressional testimony.

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. Also, feel free to look forward to a resumption of loggings in next month's column.



## 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.

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

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

# QSL Report

Sam Barto • 78 Blakeman Road • Thomaston, CT 06787

QSL ☆ Radio Trump ☆ QSL



**FRANCE: Radio Republica**  
via Issoldun 9490  
n/d ltr.  
via email  
in 3 hrs.  
(Paszkiernicz-WI).

**MALAGASY REPUBLIC: Madagascar World Voice**  
The station verified my email rpt.  
w/ a f/d  
"Be joyful in hope, patient in

0103-0123 UTC

July 25, 2015

6930 USB

affliction, faithful in prayer" cd. in 5 ds. from their Tennessee HQ. The station indicated that they were using a 100 kW transmitter on a 21 Db gain antenna beamed towards Africa at an azimuth of 295 degrees. (D'Angelo-PA).

**MEXICO: XEPPM Radio Educacion** 6185 f/d cd. in 20 mos. for a taped rpt. and \$3.00. Also rcvd. station pennant and sticker.

(Smith-MA)...U  
I don't believe I've ever seen the pennant from this station...Sam.



**MOLDOVA (Pridnestrovia): Trans World Radio** 15105 via Grigoriopol f/d cd. in 24 ds. (Paszkiernicz-WI).

**USA: Hobart Radio International** 9955 via WRMI Radio Miami International  
The station verified my email report w/ a f/d PDF attachment in 3 ds. from Rob Wise, Hobart Radio International  
The Voice of Tasmania, Lewisham 7173, Tasmania, Australia.  
In his email Rob noted "It's great to hear how WRMI on 9955 is in the USA. Normally reports come in to us from South Amer-

brockett99shortwave@gmail.com



# RADIODIFFUSION NATIONALE TCHADIENNE



ROSET

ica for 9955. We cover the US well via WBCQ on 5130 and on WRMI on 11580 to Eastern USA. I hope you will come across us again." D'Angelo-PA).

USA (Pirate): Radio

\* Enterhaker 6925

The station verified my email report w/ a f/d email reply in less than one hour from v/s Captain Cook who

promised to get me a QSL card ASAP. The station's email is: enterhaker@gmx.net. Two days later a f/d "bathtub" electronic jpg attachment arrived from Captain Cook. He stated "Thanks again for taking the time to email us your transmission report. Attached please find our eQSL card for your pleasure! Meanwhile stay tuned to Radio Enterhaker". (D'Angelo-PA).

VATICAN CITY STATE: Radio Tamazuj

\* 15150 f/d cd. in 55 ds. (Paszkiwicz-WI).

## Voice of Nigeria

BROADCASTING HOUSE, LAGOS

STAMP

12th January 1977

Thank you for your report of 21st Dec.

1976. 410510-0576 hrs G.M.T.

I have pleasure in confirming that the

transmission was from our 3000W

transmitter on 4990 kHz

JCH/12/1977

SAMUEL L. BARTO

STATION NOTES: Radio Polonia 9790 via

Issoudun Addr: Niepodleglosci 77/85, PL 02-626 Varsavia, Poland.

Radio Sawtu Liinjila 9655 via Issoudun v/s Charles Mbayanga, Senior Technician. Email: mbyangacharles@yahoo.fr

Radio Taiwan International 3965 via Issoudun Addr: P.O. Box 24-38 Taipei, Taiwan  
Cheetah Radio via Wertachtal Email: radio@cheetahlearning.com  
Eternal Good News 11875 via Juelich v/s George Bryan, Speaker.

European Music

Radio 6140 Email:

studio@emr.org.uk

Hamburger LokalRadio

6045 c/o Kulturzentrum LOLA, Lohbrugg

er Landstrasse 8,

DE-21031 Hamburg,

Germany...via PLAY

DX...Sam.



## Broadcasting Corporation of Oyo State

Private Mail Bag 1,  
Agodi Post Office,  
Ibadan, Nigeria.

ENG/E. 28/49.

CABLES & TELEGRAMS: RADIO O.Y.O

10th February, '77.

SAMUEL L. BARTO,

Dear Sir,

### VERIFICATION OF RECEIVED MESSAGE

We thank you for your letter of 10th November 1976 and confirm that the transmission you monitored is that of our 102W Radio Transmitter located at Iwo Road Ibadan, Oyo State, Nigeria.

The frequency of operation is 6050 KHZ and the aerial system is HRP. Our broadcast time is from 06.30 to 24.00 GMT.

Your effort is appreciated by the Engineering Staff of the Station, and wish you continue with this monitoring activity.

Yours faithfully,

*A. J. Ojo*  
(A.A. JOHN)

For Director of Engineering Services

Well we have arrived at the end of yet another QSL Column.

Be sure to send in your QSLs for next month...Sam.

# Contributors' Page

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

The following members sent in contributions:

Rick BARTON, El Mirage, AZ	R8, SP-600, HQ-120X, HQ-140X, HQ-200, outdoor wires, slinky
Ed CICHOREK, NJ	SW8, ICF-2010, SX-99, Eavesdropper
John COOPER, Lebanon, PA	WR-G33DDC, RF Space SDR-IQ, Sat 750, PL-660, ALA1530+, SWLCHARSTYLE:> SLOPER
Rich D'ANGELO, Wyomissing, PA	RX340, Alpha Delta DX Sloper
John & Sandra DAVIS, Columbus, OH	R-390 & 391As, Mackay 5050A, WJ HF-1000A, 42' Windom, 16' end fed
Robert FRASER, Belfast, ME	Eton Mini 300, whip antenna
Andre FREDETTE, Oakville, ONT	NRD-545, R8B, R-75, Global 2000 ATU, 45' T2FD
Glenn HAUSER, Enid, OK	FRG-7, DX-398/ATS-909, YB400, ICF SW-07
William McGUIRE, Cheverly, MD	DX-380
Sheryl PASZKIEWICZ, Manitowoc, WI	NRD-525, Eavesdropper
Ralph PERRY, Wheaton, IL	R8B, NRD-545, E1, 355' bi-dir LW
Alan ROE, Teddington, UK	WinradioG31DDCExcalibur, EladFDM-S217m longwire
Dave TURNICK, Sinking Spring, PA	RX340, WinRadio, Alpha Delta DX sloper
Paul WALKER, Galena, AK	PL880, 225' lw; ZM2 tuner; ALA1530LNP
Jack WIDNER, Edinboro, PA	Tecsun PL-880, 25 foot Sony longwire
Robert WILKNER, Cedar Key, FL	535D, R8, IC746Pro



2000-5900 kHz

## Tropical Band Loggings

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

- 2485 AUSTRALIA VL8K Katherine 0907 M anc r "investment in the star..range..ten years ago"; 0910 "some of the things"; into 2nd M anc r, seemed an interview to 1014; first opening this summer; 7/14. (Wilkner-FL)
- 3260 PNG R. Madang Madang 1047 W anc r w/ talk; poor; 6/8. (Widner-GA) 1031 Christian mx followed by M anc r; fair w/ fading & static; 6/12. (Walker-AK)
- 3289.95 GUYANA GBC Georgetown 1000 & 2300 Silent; no carrier noted; 7/14-16. (Wilkner-FL)
- 3310 BOLIVIA R. Mosoj Chaski Cochabamba 0935 W anc r in Quechua; 0955 M anc r w/ ute on top; 7/16. (Wilkner-FL)
- 3320 S. AFRICA R. Sondergrense Meyerton 0011 Piano concerto; M anc r & more mx; poor; 7/4 & 12. (Cooper-PA) 0139 S9+10; much stronger than usual; Afrikaans speech; there is always some sig from this in our evenings; 7/12. (Hauser-OK)
- 3325 PNG R. Bougainville 1033 EE discussion re economic policies; good; 6/9. (Widner-GA) 0922 Country mx by Feargal Sharkey; Marie Osmond & Dean Seals; v. good; 6/29. (Walker-AK) 1025 Survivor's 1984 hit. "High On You"; they seem to favor 80s & 90s rock or adult contemporary when they play tunes; exc.; audio here: <https://soundcloud.com/onairdjpaulwalker/nbc-png-3325-july-12-2016-2-25>; 7/12. (Walker-AK)
- 3365 PNG R. Milne Bay 0932 Nx in EE but there appears to be severe audio issues; stuttering & often dropping out; 6/29. (Walker-AK)
- 3375.1 BRAZIL R. Municipal São Gabriel da Cachoeira 0900-0915 M anc r w/ mx & talk; good; 7/14. (Wilkner-FL)
- 3925 JAPAN R. Nikkei 1 Tokyo-Nagara 1140 Chamber mx; no ancmts; v. good; 7/4. (Barton-AZ)
- 3945 JAPAN R. Nikkei 2 Tokyo-Nagara 1020 W pop vcls; W anc r in JJ; good on Grundig Satellit portable with indoor shortwire; some t-storm crashes; 6/30. (Barton-AZ)
- 3985 GERMANY R. 700 Kall 0405 Old GG & EE pop ballads; good; 6/19. (Roe-UK)

- 3985 **S. KOREA Echo of Hope** Kyonggi-do 1120 M anc in KK; if a jammer was present, I couldn't hear it; good; mixing w/ a little ham traffic; 7/4. (Barton-AZ)
- 4055 **GUATEMALA R. Verdad** Chiquimula 1033 Mx; SS IDs; good; 6/6. (Widner-GA) 1120 Not heard well often (of late); tenor singing hymns; v. good; 7/2. (Barton-AZ) 0500 M anc in EE giving definitions of various families named in the Bible; f-p; 7/7. (Cooper-PA) 0215 M anc in SS w/ instrumental mx; poor; 7/17. (Cooper-PA) 1150 Fair w/ hymns; 7/9. (Sharp-AU)
- 4747.53 **PERU R. Huanta 2000** Huanta 1100 Huayanos; good; 7/5. (Sharp-AU)
- 4765 **CUBA R. Progreso** 0259 In SS; is back on tonight after missing last night; 7/15. (Hauser-OK)
- 4765.01 **TAJIKISTAN Tajik Radio** Dushanbe 1923 Lcl mx; fair; 7/8. (Sharp-AU)
- 4805 **BRAZIL R. Difusora do Amazonas** Manaus 0945 M anc in PP; improved sig after silent for several days; 7/16. (Wilkner-FL)
- 4820 **CHINA PBS Xizang** Lhasa 2005 Light western instrumental mx; f-p; 7/11. (Roe-UK)
- 4835 **AUSTRALIA VL8A** Alice Springs 2002 EE nx followed by talk in studio & song "Don't Worry be Happy"; book reading of "Great Gatsby" then Roy Orbison song & nx; my best reception of this stn; f-p; 6/28. (Roe-UK)
- 4840 **USA WWCR** Nashville 0710 Relg sermon; good; 7/4. (Sharp-AU)
- 4861.5 **BRAZIL R. Alvorada** Londrina 0141 JBA carrier; the off-freq where C. GonÁalves-Portugal rpts R-dio Alvorada, Londrina; 7/12. (Hauser-OK)
- 4885 **BRAZIL R. Clube do Para** Belem 0110 M anc in PP w/ long monologue; poor; 7/5. (Cooper-PA) 0943 M anc in PP; strong sig; 7/16. (Wilkner-FL)
- 4930 **BOTSWANA VOA** Moepeeng Hill 2020 African Beat & selection of African songs; //6195khz; fair; 7/11. (Roe-UK)
- 4940 **CHINA V. of the Strait** Fuzhou 1057 W anc in CC; mx; pips; no discernible ID noted; 6/8. (Widner-GA) 1145 M & W anc in CC; f-g on Satellit portable & indoor shortwire; 6/30. (Barton-AZ)
- 4949.76 **ANGOLA RN de Angola** Mulvenos 1936 Pleased to hear some audio today; fair w/ hilife mx; ute on hi-side; 7/8. (Sharp-AU)
- 4960 **SAO TOME VOA** Pinheira 0510 M anc in listed Hausa; M & W anc w/ talk; poor; 7/7. (Cooper-PA)
- 4965 **BRAZIL R. Alvorada** Parintins 0944 (P); M anc in PP; weak; 7/16. (Wilkner-FL)
- 5010.97 **MADAGASCAR RTV Malagasy** Antananarivo 1857 Lcl ballad, ID by W at 1900; very warbly txmitter but decent, though still undermodulated audio; 7/8. (Sharp-AU)
- 5015 **USA WRMI** Okeechobee 0218 Noted here w/ Bro. Stair; 7/8. (Hauser-OK)
- 5020 **SOLOMON ISLANDS SIBC** Honairi 1011 Relg mx; pretty decent sig; 6/12. (Walker-AK)
- 5024.95 **PERU R. Quillabamba** 1115 Overtaking Rebelde w/ huaynos; 7/8. (Sharp-AU)
- 5040 **CUBA RHC** Havana 0415 Musica Cubana, a great selection of Cuban songs; good; 6/19. (Roe-UK) 0559 SS yelling toward a crowd & 0601 opening the "mañana" b/cast as if it were already 1100!; W w/ freq list in typical Soviet-style disorder: 17730, 13740, 11760, 11840, 9535, 9710, 5040, 102.5, 91.7 (sic), 103.1; I guess this was a playback from previous morning; 7/6. (Hauser-OK)
- 5066.4 **CONGO (DEM. REP.) R. Candip** Bunia 1912 Fair w/ hilife; bothered by ute; 7/8. (Sharp-AU)
- 5820 **MADAGASCAR RTE Dublin** Talata Volonondry 1935 EE rebroadcast of part of Morning prg w/ mx review & talk w/ female singer on telephone; f-g; 7/11. (Roe-UK)
- 5830 **USA WTWW** Lebanon 2010 WTWW-3 is open carrier/dead air instead of Bibling & still so at 2128. 0208 7/8; 5830 is on w/ ponderous Bible story about Moses & crosstalk slightly lower lvl; sounds like same speaker w/ different feed, maybe same story considerably offset; rather like tape print-thru; remember that, from extra-thin mylar on reels-to-reel?; 7/7. (Hauser-OK) ~~SM~~

5901-30000 kHz

## International Band Loggings

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

- 5910 **COLOMBIA Alcaraván Radio** Puerto Lleras, 0012-0107 Jun 22, man announcer with long Spanish language religious talk. Instrumental music at 0049 followed by a male vocal selection and then group vocals. Canned ID at 0059 and announcements followed by more vocal selections. Poor to fair. (D'Angelo-PA)
- 5925 **VATICAN Afia Darfur Radio** Santa Maria di Galeria, 07/10, 0300. Arabic. Talk (presumed news) by OM with location reports. 55444. (Roe-UK)
- 5980 **PERU Radio Chaski** July 22 at 0101, JBA carrier from Radio. Chaski, until cutoff at 0101:33.5\*, about when expected, compared to three nights ago at 0101:13.5\*, or 6.6666+ seconds later per night on average (Hauser-OK)
- 5990 **CHINA China Radio Int'l** 7/3 at 2300 in EE. Weak. (McGuire-MD)

- 6020 **CHINA** *China Radio Int'l* 6/17 at 0005 in EE. Good (McGuire-MD)
- 6050 **ECUADOR** *Voice of the Andes* at 1005, on 20 Jul, in Quecha. A lively song with what sounds like children singing is playing. A male announcer came on and spoke next. Fair. (Cooper, PA)
- 6050 **CHINA** *PBS Xizang* Lhasa, 07/11, 2005. Chinese. Light western instrumental music. 35333. (Roe-UK)
- 6070 **GERMANY** *From the Isle of Music* Rohrbach, 06/28, 1900. English/Spanish. Cuban jazz and other Cuban music. 35343. (Roe-UK)
- 6070 **GERMANY** *Radio Ohne Namen* Rohrbach, 06/17, 1900. German. 1930's Jazz/big band songs. Programme started early and blocked by Vatican until 1900. In the clear from 1900UT with song "Wenn man so wie einen Regenschirm". 35333. (Roe-UK) Also 07/08, 1945. German. Usual fine selection of German Old-time Jazz/Big Band music. 45333. (Roe-UK)
- 6070 **GERMANY** *SM Radio Int* Rohrbach, 07/02, 1920. English. Ron O'Quinn with music from the Beach Boys, Linda Rondstat, Del Shannon and Jimmy Cliff, amongst others. 45333. (Roe-UK)
- 6134 **BOLIVIA** *Radio Santa Cruz* at 0108, on 24 Jul, in Spanish. A Radio Santa Cruz station ID came on, given by a male announcer followed by piano music and then another ID. A song with a male singer came on next. Fair-Poor. (Cooper, PA)
- 6160 **CANADA** (Newfoundland) *CKZN* at 0115, on 24 Jul. A rock and roll song. "Some Kind of Wonderful" played sung by Grand Funk Railroad. This was followed by a new slow rock song with a male singer. A male announcer came on and spoke about the music being played. A song from 1956 was played next. Fair. (Cooper, PA)
- 6170 **ROMANIA** *Radio Romania Int* Galbeni, 07/08, 2030. English. The Future Starts Today (The fight against terror) and Roots. 55444. (Roe-UK)
- 6175 **ALBANIA** *China Radio Int'l* Cerrik, 2340-2358 \* Jun 21, woman announcer with Spanish language talks hosting a music program feature. Off mid-song without formal closedown announcements. Good signal. (D'Angelo-PA)
- 6175 **FRANCE** *Radio France Int* Issoudun, 06/18, 0915. French. Feature: Andalouise: les fruits de la colère (Andalusia: the anger of fruits) about agriculture migrant workers, with location interviews. 16dB. (Roe-UK)
- 6180 **BRAZIL** *Radio Nac Amazonia* Brasilia, 07/11, 2110. Portuguese. Music and talk by male including interview over telephone with another male. Nice clear ID. 35333. (Roe-UK)
- 6180 **BRAZIL** *Radio Nacional Brasilia* Brasilia, 06/18, 0510. Portuguese. Slow Brazilian ballads presented by man, followed later by up-tempo pop songs. 35333. (Roe-UK)
- 6180 **BRAZIL** *RNA* July 20 at 0145, RNA is back in whack, normal VG signal, and no blobbing away around 6205, as was the case 20 hours earlier (Hauser-OK)
- 6195 **OMAN** *BBC* at 0135, on 21 Jul, in Dari. A male announcer is talking with a female speaker in a back and forth conversation. Poor. (Cooper, PA)
- 6195 **BOTSWANA** *VOA* Mopeng Hill, 07/11, 2020. English. African Beat and selection of African songs //4930khz. 45444. (Roe-UK)
- 6760 **ROMANIA** *Radio Romania Int'l* 6/12 at 2225 in EE. (Fraser-ME)
- 7200 **ETHIOPIA** *Voice of the Broad Masses* 6/30 at 1816. (Widner-PA)
- 7295 **RUSSIA** *Radio Sakha* July 21 at 1143, Radio. Sakha with poor signal, still on at 1202 (Hauser-OK)
- 7355 **AUSTRIA** *BBC* at 0140, on 21 Jul, in Dari. A female announcer is talking. She appears to be interviewing a male speaker who is talking to her. Several recordings with background voices came on with a new male speaker talking. Good. (Cooper, PA)
- 7360 **VATICAN** *Vatican Radio* Santa Maria di Galeria, 06/19, 0303. English. Church Nx; World Around Us. 55555. (Roe-UK)
- 7550 **INDIA** *AIR Raagam service* Bengaluru, 07/11, 1915. Hindi/English. Hindustani Classical Vocal Music DRM Channel 2: 20dB. 20dB. (Roe-UK)
- 7550 **INDIA** *All India Radio* Bengaluru, 07/11, 1915. English. Commentary/Economic News followed by Hindustani Classical Music (Vocal). DRM Channel 1: 20dB. 20dB. (Roe-UK)
- 7570 **UNITED STATES** *WRMI-PCJ Radio* at 0100, on 18 Jul. A WRMI station ID came on at the top of the hour. A PCJ Radio Int'l program ID came on next with the special program from Radio Netherlands being broadcast. Keith Peron came on and spoke, followed by an in-depth history of programs, interval signals, and personalities from the early days of the station was presented for two hours. Good. (Cooper, PA)
- 9311 **EGYPT** *Radio Cairo* at 0205, Radio. Cairo humor spur centered around here at S8 but audible down to 9306, while fundamental 9315.0 is S8. Though close this time, the two blobs making the same sound are distinct with a dip between them. This would be the English sesquihour to North America if they were able to modulate it with programming (Hauser-OK)
- 9420 **GREECE** *V of Greece* Avlis, 06/16, 1910. Greek. Traditional slow Greek music (using - I guess - traditional instruments) in program presented by woman. 45333. (Roe-UK)

- 9445 **INDIA All India Radio** Bengaluru, 06/16, 2100. English. News, Commentary (about reform of Indirect tax). 45444. (Roe-UK)
- 9445 **INDIA All India Radio** 6/30 at 1804 (Widner-PA)
- 9450 **GERMANY Athmeeya Yatra** Radio 5/29 at 0113 (Widner-PA)
- 9480 **MADAGASCAR African Pathways Radio** Mahajanga, 0436-0456\* Jun 26, English language religious features with several IDs and frequency announcements heard. Closed at 0453 with a woman singing "Smile". Carrier terminated after song. Fair. (D'Angelo-PA)
- 9570 **CUBA China Radio Int'l** 8/18 at 1315 in EE. (Fraser-ME)
- 9575 **MOROCCO Radio Mediterranean** Nador, 7-2-2016, 2258-2300. Gentle vocals by female artist. Man in French at 2300 with ID, frequency anmts. and presumed news in French. Very weak signal. (Cichorek-NJ)
- 9580 **AUSTRALIA Radio Australia** at 1020, on 20 Jul, in Tok Pisin. A female announcer is interviewing another female in reference to government. The female being interviewed talked about Parliament. She was from New Guinea. Good. (Cooper, PA)
- 9595 **JAPAN Radio Nikkei 1** 6/30, 1345. M and Win ENGLISH! Pgm on Japanese holidays. Good. (Barton-AZ)
- 9600 **CHINA China Radio Int'l** Kashi, 07/08, 2007. English. Story time on China Radio Int with "Alight on Literature" and the continuing reading of the book "A Floating Life". 45333. (Roe-UK)
- 9620 **ROMANIA Radio Romania Int'l** Galbeni, 07/12, 0530. English. News; History Show (feature on Elie Wiesel, who died on 2 July 2016); Think Greener (Saker falcon conservation project). 45444. (Roe-UK)
- 9625 **VIETNAM Voice of Vietnam** 6/20 at 1847 (Widner-PA)
- 9655 **FRANCE Radio Algerienne** Issoudun, a man and woman with news in French and Arabic languages. Into a program of recitations from 2114 after station ID. Later, a nice program of instrumental music and vocals. A man in Arabic language with closedown ID and frequency announcement. Fair. (D'Angelo-PA)
- 9655 **UNITED STATES KNLS 7/6, 0955.** Lecture by M in CC to pop music, long period of OC, IS and ID at 1000. VG. (Barton-AZ)
- 9655 **UNITED STATES KNLS** (Anchor Pt. AK) 6/30, 1215. M in Chinese with long monologue. Poor / Fair. Azimuth change and opening with VG signal at 1300. (Barton-AZ)
- 9660 **IRAN Voice of Iran** 6/30 at 1814 (Widner-PA)
- 9665 **BRAZIL Radio Voz Missionaria** 17 June, 0156 GMT, SINPO 44333, Female singing folk songs, Man singing melodic song, Male announcer at 0203. (Fredette-Canada)
- 9700 **NEW ZEALAND RNZI** at 1025, on 20 Jul, in English. A male announcer is talking about housing issues. A female speaker was interviewed about her housing situation. Checkpoint was the program announced. An interview with an ex policeman in NYC came on next talking about racism in the police force. Good. (Cooper, PA)
- 9730 **ROMANIA Radio Romania** 17 June, 0149 GMT, SINPO 55555, French discussion between two men, discussion on cinema and artistic presentations and reporting of it. Discussion on nuclear energy and ecology. (Fredette-Canada)
- 9730 **ROMANIA Radio Romania Int'l** Tiganesti, 0011-0032 Jul 2, English service with discussion of European Union troubles. Several ISs followed by program called Roots. Good signal. (D'Angelo-PA)
- 9730 **ROMANIA Radio Romania Int'l** Tiganesti, 06/19, 0325. English. RRI Encyclopedia (The Earth Hut in old Romania); All That Jazz (Music by Nicolas Simion). 45333. (Roe-UK)
- 9760 **ROMANIA Radio Romania Int'l** 6/24 at 2200 in EE. Good. (McGuire-MD)
- 9770 **TURKEY Voice of Turkey** 17 June, 0148 GMT., SINPO 55455, Folk music, guitar, flute, woman singing. (Fredette-Canada)
- 9770 **TURKEY Voz de Turquia** July 22 at 0111, Voz de Turquia Spanish frequency is S7 and just barely modulated; while // 9870 is weaker at S5-S6 but sufficiently modulated (Hauser- OK)
- 9785 **TURKEY Voice of Turkey** 6/20 at 1855 (Widner-PA)
- 9790 **ROMANIA Radio Romania** 17 June, 0146 GMT, SINPO 55555, Man talking in Romanian. (Fredette-Canada)
- 9835 **MALAYSIA RTM Sarawak FM** at 1035, on 20 Jul, in Malaysian. A pop type song with a male singer and female backup singers is playing. A new song with another male singer came on after brief talk by a male speaker. Poor. (Cooper, PA)
- 9855 **ALBANIA Radio Tirana** July 19 at 2331 check, Radio. Tirana Albanian hour is still humoring atop the talk. Likewise, the English service, OK, DX LISTENING DIGEST)
- 9920 **ALASKA KNLS** 6/21 1350 old hymns, CH Christian pgm (Paszkiwicz WI)
- 9924 **NETHERLANDS [non] The Mighty KBC** 9924.99, UT Sunday July 24 at 0112, The Mighty KBC via GERMANY is VG at S9+30 during "Giant Jukebox", (Hauser- OK)
- 9935 **GREECE Helliniki Radio Phonia** 17 June, 0144 GMT, SINPO 44434, Folk music with man singing. Good signal! (Fredette-Canada)

- 9940 **SWAZILAND TWR Swaziland** Manzini, 07/01, 1920. Lingala (as listed). Long talk by man, a hymn and then more talk. 44433. (Roe-UK)
- 9955 **UNITED STATES FG Radio** via WRMI Okeechobee, FL, 2300-2315 Jul 9, after an Allen Graham ID for WRMI FG Radio opened with IDs in English and French languages. However, instead of news program a series of pop music tunes were played with IDs and mention of Famagusta-Gazette for news. Ended with religious program opening up after their fifteen minutes was up. Good signal. (D'Angelo-PA)
- 9965 **EGYPT Radio Cairo** 17 June, 0142, SINPO 34332, Music followed by female announcer in Arabic. There is a hum in the signal and mushy tone. (Fredette-Canada)
- 11560 **INDIA All India Radio** Panaji, 07/11, 1542. English. End of news headlines read by woman. Broadcast ended 1545 and transmitter off at 1546. 25332. (Roe-UK)
- 11580 **UNITED STATES Radio Ukraine Int'l** 6/13 at 2345 in EE. (Fraser-ME)
- 11600 **BULGARIA Denge Kurdistan** Sofia, 07/02, 1520. Kurdish. Two local (Kurdish) songs, female talk with people in an "on location" report. 45444. (Roe-UK)
- 11600 **UKRAINE Radyoya Denge Kurdistan** 6/20 at 1818 (Widner-PA)
- 11615 **THAILAND Afir Darfur** 6/20 at 1808 (Widner-PA)
- 11625 **VATICAN Vatican Radio** St Maria, 06/29, 2005. English. Church news and talk about Pope Francis and Pope Emeritus Benedict. 55555. (Roe-UK)
- 11630 **MADAGASCAR Radio Tamazuj** 6/22 0355 ID, HOA mx, vg (Paszkiwicz WI)
- 11640 **UAE RFA** (P) at 0150, on 21 Jul, in (P) Uighur. A male announcer was talking to a female announcer. This was followed by a female talking then a male announcer spoke with a male on what sounded like a live feed into the station. A musical interlude came on with a female speaker giving out what sounded like contact information. A male announcer came on and spoke briefly followed by the station going off the air at 0200. Poor. (Cooper, PA)
- 11645 **VATICAN Radio Dabanga** Santa Maria di Galeria, 06/17, 0515. Arabic. Great HoA music followed by news headlines read by woman. Contact details and multiple IDs. Talk by OM. 55555. (Roe-UK)
- 11670 **INDIA Air India Radio** 6/14 at 2115 in EE. (Fraser-ME)
- 11695 **JAPAN NHK World / Radio Japan** 7/6, 1100, M and W tag team style news full by feature story on Japanese participation in world Paralympics. VG. (Barton-AZ)
- 11710 **ARGENTINA Radio Argentina** 11 June. 0314 GMT, SINPO 23232, English broadcast, muffled sound, News but hard to understand due to static. (Fredette-Canada)
- 11710 **NORTH KOREA Voice of Korea** 7/3, 1415. M presenter, soft instrumental music. Muddy audio, I wasn't absolutely sure the language at first. At the BoH, M with sked ancmts in English and "This is Pyongyang". French after the BoH. Matched what I got on // 9435. Good. Frequency had been inactive for a few weeks. (Barton-AZ)
- 11735 **NORTH KOREA Voice of Korea** at 1050, on 20 Jul, in English. A male and a female announcer were speaking. A slow song with a female singer came on next. Poor. (Cooper, PA)
- 11735 **TANZANIA ZBC Zanzibar Dole**, 07/11, 1845. Swahili. Nice selection of African music; news at 1900UT read by female. 45444. (Roe-UK)
- 11735 **NORTH KOREA Voice of Korea** 7/6, 0920. All female choir and military marches. VG. (Barton-AZ)
- 11745 **KUWAIT Radio Free Asia** at 0230, on 24 Jul, in Tibetan. A male announcer came on and spoke in English, stating "You are listening to Radio Free Asia. The following program is in Tibetan." A female announcer came on next and spoke. A male speaker gave a brief statement that she seemed to talk about afterwards. Good. (Cooper, PA)
- 11770 **MADAGASCAR MWV Radio** Mahajanga, 2236-2257\* Jul 9, man with Arabic language religious talks and brief instrumental and vocal music segments. Another male announcer with ID and closedown announcements at 2256 over instrumental music before carrier was terminated. Good signal. (D'Angelo-PA)
- 11795 **ROMANIA Radio Romania Int'l** Galbeni, 2325-2356\* Jun 21, Spanish language features and music selections. Nice ID and closedown announcements before carrier terminated. Poor to fair. (D'Angelo-PA)
- 11795 **SOUTH KOREA KBS W Radio** 7/1, 1140. W presenter with K-pop, female vocal. VG with Grundig Satellite portable and outside Slinky antenna. (Barton-AZ)
- 11800 **ROMANIA Radio Romania** 14 June, 0151 GMT, SINPO 55545, French program, two men having a discussion on philosophical and social issues. (Fredette-Canada)
- 11815 **BRAZIL Radio Brazil Central** 24 June, 0230 GMT, SINPO 33333, Music followed by ID at 0230. Male announcer follows with news about Brazil and then pop music. (Fredette-Canada)
- 11815 **BRAZIL Radio Brasil Central** at 0150, on 24 Jul, in Portuguese. A slow song with a female singer was on. This was followed by music playing and a station ID given by a female announcer. Next music was talked about briefly, and a new faster paced song played with a male singer. Poor. (Cooper, PA)

- 11815 **BRAZIL** *Radio Brazil Central* July 20 at 0150, S4 signal enough to be listenable, except there is no modulation to be heard from Radio. Brasil Central, Goiânia, Goiás. except for some hum (Hauser- OK)
- 11820 **SAUDI ARABIA** 7/4 at 2102 in AA. Very Good. (McGuire-MD)
- 11860 **SAUDI ARABIA**, *Radio Sanna* 14 June, 0149 GMT, SINPO 44334, Man talking in Arabic language with bird chirping in background. (Fredette-Canada)
- 11860 **CLANDESTINE (Yemen)** *Republic of Yemen Radio* 0101-0134 Jun 22, thanks to a Stephen Wood tip noted with man announcer doing non-stop recitations in the Arabic language. Fair. (D'Angelo-PA)
- 11880 **AUSTRIA** *AWR Moosbrunn*, 07/11, 0645. Arabic. Two males in studio discussion. Instrumental music to play out programme. 45444. (Roe-UK)
- 11905 **AUSTRALIA** *Reach Beyond Australia* at 1055, in (P) Chin Falam. A male announcer is speaking in a long monologue. A new male speaker came on and made brief comments. Fair-Poor. (Cooper, PA)
- 11905 **SRI LANKA** *SLBC* July 22 at 0114:47.5, SLBC music prelude starts on S1 signal. 2 pips of mis-timesignal ending at 0115:17.5 (Hauser- OK)
- 11905 **SRI LANKA** *SLBC* July 19 at 0114:47.5, SLBC musical prelude starts, 0115:17.5 the 2+1 timesignal ends, opening in Hindi. VP signal is "twice" as strong tonight, S2 instead of S1 (Hauser- OK)
- 11945 **PHILIPPINES** *Radio Veritas Asia* at 1105, on 20 Jul, in Mandarin. A male and a female announcer are talking back and forth with each other. A brief musical interlude came on followed by more talk. Fair-Poor. (Cooper, PA)
- 11965 **CHINA** *China Radio Int'l* Kashi, 07/02, 1600. English. News; Alight on Literature - episode 24 of the book reading of "A Floating Life". 45333. (Roe-UK)
- 11980 **FRANCE** *Radio Niger Delta Voice of Peace* Issoud n, 07/08, 1925. English. African songs and nice ID's by OM between songs. By 1935; signal much weaker and now almost completely blocked by strong Radio Romania on 11975. 43433. (Roe-UK)
- 11980 **TURKEY** *Voice of Turkey* 6/22 0350 IS, huge sig (Paszkievicz WI)
- 12005 **VIETNAM** *Voice of Vietnam* UK transmitter, 9 June, 0230GMT, SINPO 55555, Female announcer for news, Chinese ships near Japan. Development of Nam ding and need to develop infrastructure, auto & retail markets, increase productivity etc. visit of Russian ambassador. Visit of Japanese ambassador in regards climate change. Visit of Cuban ambassador to help on combating HIV (Fredette-Canada)
- 12035 **KUWAIT** *VOA Deewa Radio* 14 June 0144, SINPO 34334 Man talking to another man on phone in Pashto. (Fredette-Canada)
- 12035 **KUWAIT** *Deewa Radio* at 0130, on 24 Jul, in Pashto. A rock style song was playing. This was followed by a male and then a female announcer talking back and forth to each other. A new song came on which had a long instrumental intro, then a male singer sang. Fair. (Cooper, PA)
- 12050 **CLANDESTINE (Nigeria)** *Dandal Kura* Ascension, 2021-2106 Jul 9, conversations in listed Kanuri language with some vocals. Several IDs at 2059 by a man and woman followed by apparent news at 2100. I thought these guys were supposed to close at 2100? Poor to fair signal. (D'Angelo-PA)
- 12065 **AUSTRALIA** *Radio Australia* Shepparton, 06/17, 1935. English. Oz Country Style with some slow Country music. 34333. (Roe-UK)
- 12075 **BULGARIA** *Bible Voice* Kostinbrod 6/22 1738-1800 hymns, Farsi sermon, good (Paszkievicz WI)
- 12120 **PHILIPPINES** *Radio Pilipinas* Tinang, 07/11, 1859. English/Filipino. News read by woman, then two women in studio discussion. 25332. (Roe-UK)
- 13580 **BANGLADESH** *Bangladesh Betar* Dhaka, 06/16, 1745. English. News, Commentary; later: Panorama including an interesting discussion with two tourists in Bangladesh about what they have seen and experienced in their trip so far. 45333. (Roe-UK)
- 13580 **BANGLADESH** *Radio Bangladesh Betar* 6/20 at 1823 (Widner-PA)
- 13585 **UAE** *KBS World* Dhabayya, 06/29, 2020. Arabic. Discussion between two female presenters in studio and a nice Korean (female vocal) song. 55444. (Roe-UK)
- 13660 **UK** *BBC WS* Woofferton, 06/29, 1829. English. Business Report (talk about Brexit). 55544. (Roe-UK)
- 13760 **CHINA** *China Radio Int'l* Kashi, 06/28, 1805. English. Language Café (Talking about English-language idioms "Drink the Kool-Aid" and "mental gymnastics") and later at 1830 Heartbeat. 55555. (Roe-UK) Also 07/09, 1330. English. Ink & Quill with a feature about Elie Wiesel, who died on 2 July 2016 and a talk about online and fan fiction. 55555. (Roe-UK)
- 13760 **KOREA, NORTH** *V of Korea* Kujang, 06/29, 1910. English. Sweeping choral song that seems to go on forever. Followed by a brief announcement by a woman and then a long female vocal song. 35333. (Roe-UK)
- 15105 **ASCENSION ISLANDS** *BBC* 1947-1959\* Jul 9, two men in long discussion in listed Hausa language. ID at 1959 followed by light instrumental music until the carrier was terminated. Poor to fair. (D'Angelo-PA)

- 15120 **CUBA China Radio Int'l** Havana, 0002-0013 Jul 2, open carrier noted with programming commencing two minutes after the top of the hour with man and woman announcer giving the news in the Spanish language. Ids. Fair. (D'Angelo-PA)
- 15120 **NIGERIA Voice of Nigeria** Abuja, 07/12, 1756. English. Sixty Minutes: World News. DRM: 23dB. (Roe-UK)
- 15130 **ROMANIA Radio Romania Int** Galbeni, 07/09, 1305. Romanian. Male voice Acapella songs, and studio discussion between man and woman. 55444. (Roe-UK)
- 15140 **OMAN Radio Sultanate Oman** Thumrait, 07/11, 1425. English. Western pops including Bob Marley "Is This Love". 45333. (Roe-UK)
- 15150 **GERMANY Radio Tamazuj** Nauen, 07/11, 1430. Arabic. African song, followed by talk by man and then discussion with another man on telephone. 55444. (Roe-UK)
- 15180 **NORTH KOREA Voice of Korea** 19 June, 1156, SINPO 34323, Martial and patriotic music. (Fredette-Canada) Announcement in French. Very watery sound, hard to understand. Some jamming in the background. I.D. at 1201 "Vous écoutez la voix de Korea" followed by news read by female announcer and more martial music. (Fredette-Canada)
- 15225 **GERMANY AWR** Nauen, 06/17, 0700. Arabic. Song at s/on, then talk by woman followed by further talk by man. 55444. (Roe-UK)
- 15245 **CHINA China Radio Int'l** Kashi, 07/02, 1540. English. Roundtable (Discussion looking at various moral life-situations). 55555. (Roe-UK)
- 15265 **GERMANY AWR** Nauen, 07/11, 1510. Punjabi. Talk by woman followed by a song (male vocal) then talk by male and female. 55444. (Roe-UK)
- 15343 **ARGENTINA RAE** General Pacheco, 0100-0134 Jun 27, coverage of the futbol finals of the Copa America Centenario with Argentina vs. Chile match that was eventually won by Chile. Fair but fadey signal. (D'Angelo-PA)
- 15343.9 **ARGENTINA RAF Argentina** General Pacheco, 06/29, 1950. Italian. Argentinian song; Brief announcement by man and Sign-off. 25322. (Roe-UK)
- 15350 **GERMANY Athmeeyayathra (GFA)** Nauen, 06/17, 1233. Oriya. Some nice instrumental music at sign on, then talk by man. 55433. (Roe-UK)
- 15450 **TURKEY Voice of Turkey** Emirler, 07/10, 1230. English. News, Hues and Colors of Anatolia, Turkeys Cultural Treasures. 45333. (Roe-UK)
- 15590 **THAILAND Radio Thailand** 6/15 at 0000 in EE. (Fraser-ME)
- 15720 **NEW ZEALAND Radio New Zealand** 11 June, 0314 GMT, SINPO 43343, discussion on music recording. Discussion between man and woman. (Fredette-Canada)
- 17490 **CHINA China Radio Int'l** Kashi, 07/11, 1220. English. Language Café: Defining "Serve up on a Platter". 45343. (Roe-UK)
- 17510 **CHINA China Radio Int'l** Xian, 07/10, 1220. Tagalog. Male talk with some English words; Song (female vocal) more talk between man and woman ending with Instrumental music. 35333. (Roe-UK)
- 17630 **CHINA China Radio Int'l** Urumqi, 06/19, 1315. English. Allight on Literature ("A Floating Life" by Simon Elegant); Ink & Quill (Graphic novels). 45444. (Roe-UK) 17740
- 17770 **PHILIPPINES RFE** Tinang 6/22 0410 RS news, f-g (Paszkwicz WI)
- 17810 **JAPAN NHK** 6/22 0407 JP news, fair (Paszkwicz WI)
- 17830 **SOUTH AFRICA BBC WS** Meyerton, 06/17, 0733. English. Business Daily; Witness ("1940 - Evacuation from Paris as German forces approach"). 45333. (Roe-UK)
- 17840 **AUSTRALIA Radio Australia** 11 June 0235 GMT, SINPO 55545, discussion on sport teams between two men. Port Adelaide discussion on the Crows West Team versus the Bulldogs, excellent signal. (Fredette-Canada) 

## NASWA Flashsheet

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

# On the Shortwaves

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< [www.ontheshortwaves.com](http://www.ontheshortwaves.com) > Update, June 26, 2016 -- The sale of radio parts was big business in the medium's early days, and many manufacturers sold both parts and "ready made" receivers, as they were called in the days of home receiver building. One such company was the Pilot Radio & Tube Corp., which had relocated from Brooklyn to Lawrence, Massachusetts. Under "DX History/Equipment & Advertising" you will find the company's Spring 1932 catalog, which featured numerous parts, as well as two shortwave converters and a kit version of the Pilot "Super-Wasp" receiver (power supply extra). -- And under "Specialized Resources," a new Wavescan entry from Dr. Adrian M. Peterson, "The Early Wireless Scene in Florida" (Wavescan N382, June 19, 2016).

< [www.ontheshortwaves.com](http://www.ontheshortwaves.com) > Update, July 3, 2016 -- The sale of radio parts was big business in the medium's early days, and many manufacturers sold both parts and "ready made" receivers, as they were called in the days of home receiver building. One such company was the Pilot Radio & Tube Corp., which had relocated from Brooklyn to Lawrence, Massachusetts. Under "DX History/Equipment & Advertising" you will find the company's Spring 1932 catalog, which featured numerous parts, as well as two shortwave converters and a kit version of the Pilot "Super-Wasp" receiver (power supply extra).

< [www.ontheshortwaves.com](http://www.ontheshortwaves.com) > Update, July 10, 2016 -- This time, under "DX History/Philately," we have another group of radio-related philatelic items from Africa. Included are: (1) a 2012 cover from Algeria recognizing 50 years of an independent RTA (Radio-TV Algerienne); (2) a 1964 cover about microwave transmissions in Annaba, Algeria; (3) two covers from an old Angolan SWer, R. Clube do Humabo, promoting a philatelic show in Nova Lisboa in 1974; (4) a 1968 cover from the Ivory Coast recognizing a station in Tabou; (5) a 1960 Libyan cover issued on the occasion of the Third Pan Arab Congress on Radio & TV; (6) a 1963 Madagascar cover about microwave transmissions between Tananarive and Fianarantsoa; (7) a 1963 cover from Niger recognizing the second anniversary of the African and Malgache Post & Telecommunications Union; (8) a 1977 cover and data sheet about 21 years of SABC broadcasting in Southwest Africa (now Namibia); and (9) several postal items celebrating the first anniversary of Radio Transkei (one of the short-lived South African "homelands"). -- And under "Specialized Resources" we have these two new "Wavescan" entries from our friend Dr. Adrian M. Peterson: "Focus on the South Pacific--Cook Islands 5: The World's Most Beautiful Island" (Wavescan N383, June 26, 2016), and "Focus on the South Pacific--The 1937 Pacific Aviation Mystery: The Search for Amelia Earhart, A Hundred Different Callsigns" (Wavescan N384, July 3, 2016).

< [www.ontheshortwaves.com](http://www.ontheshortwaves.com) > Update, July 17, 2016 -- Under "DX History/Stations," we have posted an interesting VOA certificate of appreciation, thanking one Jon Erikson for his contribution "to the planning, design, implementation, and construction" of the Morocco Relay Station, that is, the Bricch station, which opened in 1993. Amplifying the colors a bit reveals the signer to be Robert E. Kamosa, after whom the Robert E. Kamosa Transmitting Station in the Northern Marianas is named. Who was Jon Erikson?-- And under "Specialized Resources" we have this new Wavescan entry from Adrian Peterson: "A Flash Across the Strait: The First Long Distance Wireless Message Across Water in the Southern Hemisphere" (Wavescan N385, July 10, 2016).

< [www.ontheshortwaves.com](http://www.ontheshortwaves.com) > Update, July 24, 2016 -- Some time ago, under "DX History/Stations," we posted a pamphlet from OTC, the wartime voice of Belgium, which operated from Leopoldville in the Belgian Congo. Now we have posted a companion pamphlet from the mother ship, ORU, in Brussels, Belgium. It shares some content with the OTC publication, but there is some original material as well, plus some additional photos. This piece originally belonged to DXer Kermit Geary. Search the "DX History" page for "DX Jewelry" to see the pin which was offered to members of the station's "Amongst Friends" club. -- And under "Specialized Resources/Wavescan," we have posted another part of the Cook Islands story: "Cook Islands Radio Tour-6," Wavescan N386, July 17, 2016.

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