

Quality Radio Equipment Since 1942

CommRadio CR1



The **CommRadio CR1** communications receiver offers interesting capabilities, not previously available. The CR1 is a true SDR (software defined radio), but does *not* require a computer. Enjoy the benefits and performance of state-of-the-art SDR, but in a conventional radio package. The CR-1 SDR is independent of a host PC, using embedded digital signal processing technology that provides a degree of portability and performance previously unavailable to the radio enthusiast. Coverage includes: 500 kHz-30 MHz, 64-260 MHz and 437-468 MHz in AM, SSB, CW, WBFM, NBFM modes. (LW 150-500 kHz with reduced performance). The incredible performance is combined with exceptional portability and ease of use. The radio may be powered via USB or 6-18 VDC input. In both cases the optional Li-ion battery will be recharging, even when the radio is in use. All this American technology and capability is housed in a compact, metal case measuring 5.64 x 2.43 x 6.10" 1.8 lbs. This radio comes with a DC cord and printed Owner's Manual. This radio requires 12VDC @ 500ma. The MG ADPT40 #0511115.95 is suggested.

Call or visit our website to learn about our introductory special.

CommRadio CR1 Order #2001 \$599.95

SPECIFICATIONS

Frequency Coverage and Modes:

MW-HF: General Coverage: 500 kHz - 30,000 MHz

MW-HF: MDS: nominal -125 dBm in 500 Hz Bandwidth

User Configurable Band Key:

Amateur Band Selections: 160 m - 10 m

International Broadcast Bands: 120 m - 11 m

AM-SSB-CW manual or auto-mode selection (based on tuned frequency)

International Broadcasting: manual or auto-selection: AM - 5 kHz steps

Auto-Filter Width select with override: AM: 5, 7.5 kHz, 15 kHz - SSB: 1.8, 2.5 kHz - CW: 1 kHz - 500 Hz

Tuning Resolution (cursor control): 1 MHz / 100-10 - 1 kHz / 100 - 10 Hz

LW: 150 - 500 kHz is included for experimental purposes.

VHF-UHF General Frequency Coverage and Performance:

VHF: Continuous Coverage: 64.0 - 260.0 MHz

UHF: Continuous Coverage: 437.0 - 468.0 MHz

VHF Sensitivity: 87.0 - 150.0 MHz: nominal -90 to -95 dBm for 12 dB SINAD, 15 kHz filter bandwidth (5 kHz deviation)

VHF Sensitivity: 150.0 - 260.0 MHz: nominal -95 to -105 dBm for 12 dB SINAD, 15 kHz filter bandwidth (5 kHz deviation)

UHF Sensitivity: nominal -83 dBm to -86 dBm for 12 dB SINAD, 15 kHz filter bandwidth (5 kHz deviation)

Standard frequency steps for each band

SCAN blocked on VHF/UHF to comply with FCC Part 15 rules (Declaration of Conformance)

VHF-UHF Band Plan:

FM Broadcast: 87.7 - 107.9 - Monaural - 7 kHz audio bandwidth

Aircraft Band: 108.000 - 136.975 MHz, AM auto-select -25 kHz channel steps

Amateur: 2 m, 1.25 m, 70 cm (upper portion starting @ 437.0 MHz).

NBFM mode default with SSB-CW mode selects.

Manne & NOAA Weather Radio

Public Service: 137.0 - 225.0; 12.5 and 25 kHz steps. NBFM default.

FRS-GMRS 462 - 467 MHz, NBFM - 25 kHz Steps

Note: 6 m (54 MHz) is not available

Receiver Architecture

HF: Dual conversion (VHF-UHF: single conversion) with low-IF, I-Q digital sampling, 32-bit DSP with digital audio CODEC

DSP demodulation algorithms: DSB-AM, SSB, CW, WBFM, NBFM User Selectable. DSP fixed bandwidth channel filtering selections

Audio System - (Digital CODEC)

Speaker Driver: 0.8 W into 8 Ohm load

Internal 2.5" diameter, mylar-cone communications grade speaker

External monaural speaker jack (3.5 mm stereo jack - back panel)

Headset Driver: 40 mW into 16 Ohms, (3.5 mm stereo jack - front panel)

Antenna Inputs

LW-MW-HF Port: 1000 Ohm - 3.5 mm jack (auto-detection)

LW-MW-HF Port: 50 Ohm - BNC (female)

VHF-UHF Port: 50 Ohm - BNC (female)

Display

64 x 128 OLED Display with EMI-filtered lens

Readable outdoors (not in direct sunlight) and manually dimmable

Power Supplies

Power Jacks: Powered-USB and 6-18 VDC (2.1 x 5 mm diameter - center pin-positive)

Optional Internal Lithium-Ion rechargeable battery 6-8 hour capacity with full speaker volume. 10-12 hours for headset and normal speaker volume.

Both supply inputs automatically charge the optional internal battery with the CR-1 powered ON and OFF.

Power Consumption

< 1.0 Watt Headset and normal speaker volume

< 1.6 Watt maximum - full speaker volume

USB Mini-B 2.0 Jack

Automatically charges internal battery while maintaining maximum USB power use < 2.5 Watts

Software updates via "Dropbox" from CommRadio

Mechanical

Overall Size: 5.64" W x 2.43" H x 6.10" D (including knobs, jacks, feet)

Weight: 1 lb - 12 oz

Knobs: Machined Aluminum - Black Anodized

Front Panel: Machined Aluminum - Powder Coated - Black semi-gloss

Case: 20 Gauge Steel, Powder Coated - Black Crackle.

ESD Protection:

ESD Diodes: Antenna ports - Power Jacks - USB

Port-Keys - Knobs

Quality Communications
Equipment Since 1942

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Returns are subject to a 15% restock fee.

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Please stop by for a look. We offer a wide selection of new and used shortwave equipment, antennas and books.

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Excludes Alaska, Hawaii and Puerto Rico

John Herkimer <jherkimer@rochester.rr.com> has agreed to become the new Chairman of our Country List Committee. John had been a long time member of the CLC and is thoroughly familiar with its operations, history, etc. Also, he has been the man when it comes to making revisions to our Country List and Awards Program booklet which is available on our website. Thanks JCH for taking the helm of this important club committee.

The times have changed. In 1990 I had the pleasure of heading up the grand opening of the club's Company Store. Besides offering tee shirts, sweatshirts, hats and other club logoed items, we also sold books, reprints of articles that have appeared in the club bulletin and other stuff shortwave listeners found useful. However, in recent years the trend seems to be that Internet book sellers can significantly undercut the club's efforts in this area so it appears The Company Store was no longer serving the significant role it first established when it started up almost 2 1/2 decades ago. Over the last eight years, **Jim Strader** has directed the Company Store but business has fallen off dramatically causing a reassessment of the entire operation. Thus, effective immediately, the club's Company Store is closed for business. We will be liquidating the remaining inventory at the next Winter SWL Festival. Thanks to Jim Strader who headed the Company Store in recent years and to the many members that used this service over the years and to the many fine folks that helped staff the operation to keep it going.

And, speaking of times changing ... It was probably inevitable but *Monitoring Times* magazine - part of the Grove Enterprise operation in Brasstown, NC - will cease publication with the December 2013 issue. In recent years, *Monitoring Times* curtailed much of its shortwave broadcast coverage

but it still covered much of the rest of the radio spectrum each month. The magazine has been around for about 33 years. The close down is directly related to Bob and Judy Grove electing to retire at year end. Member **Bill Patalon** sent a link to the website indicating that the entire Grove Enterprises operation will be closing with inventory at reduced sale prices. The equipment portion of the operation was going for about 35 years.

Regular Winter SWL Festival attendee and club member **Thomas Witherspoon** reminds members about the Shortwave Radio Audio Archive. Thomas would love to hear from NASWA members who have archived audio they would like to share on the site. You can visit the Shortwave Radio Audio Archive at <http://shortwavearchive.com>. Any questions can be directed to Thomas at thomas@swling.com. Why not give the Shortwave Radio Audio Archive a try and then send a musing to **Jerry Lineback** about your experiences.

You may have noticed a jumble of frequencies in last month's International Bands column edited by **Dave Turnick**. You can read the detailed explanation from Dave in Jerry Lineback's *Musings* column this month. For the most part, Dave prepares his column in Excel which is a spreadsheet program that contains a sort feature. Unfortunately, at the last minute while traveling on Company business (in Paris I might add so don't feel too sorry for him, hi!) Dave performed the sort only on the frequencies column which left the station details detached from the frequencies. He is making correct copies of the August *International Bands* column available for a SASE.

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

Musings

Jerry Lineback • P.O. Box 1220 • Grantham, NH 03753-1220 • jerrylineback@comcast.net

Please e-mail musings to jerrylineback@comcast.net or send to P. O. Box 1220, Grantham, NH 03753. Next deadline is September 25. Thanks to all contributors.

David Turnick, david.turnick@gmail.com

You may have noticed that the August NASWA Journal International Band Logging column was really messed up with frequencies not matching the logging.

I am very sorry for that error and to our members whose loggings I messed up.

The issue is with my Excel sorting. I finished my column, checked it for accuracy and then at the last minute I added about a dozen freshly reported loggings. I re-sorted but this time I sorted only on the frequency column and not the entire contents. The result was a jumbled mess. If you would like a copy of a corrected August International Band Logging, please e-mail me or send me a letter and I will promptly reply.

Mike Nikolich, N9OVQ, Lake Barrington, IL -- N9OVQ@comcast.net

"Hello, I just rejoined NASWA after an absence of several years. I've been DXing since 1969 and now that I have retired from the working world, I finally have the time and interest to get involved in the hobby again. I was a very active member of NASWA between 1970 and 1990 and old-timers probably remember me editing the tropical band loggings for many years. I'm still using the Japan Radio Co. NRD-515 I purchased in 1984 but I just picked up a Perseus receiver and am blown away by its capabilities. I've always loved listening to the Africans and Pacific stations and I'm pleased to see there are still many interesting countries to hear on shortwave. Most of my career was spent in the public relations field, including the last 20 running the firm I founded, Tech Image. One of my highlights was promoting the American Radio Relay League, which sparked my interest in ham radio. I've been married to the same lovely woman for 29 years and we live with our Golden Doodle in Lake Barrington, Illinois, about 35 miles northwest of Chicago. In addition to shortwave and amateur radio, I am an avid golfer and enjoy day trading, reading and managing my investment portfolios. My biggest goal for the next few years is to verify my 200th shortwave country and there appear to be enough active targets to make that a reality."

Tim Noonan, 801 E Park Blvd, Oak Creek WI 53154

The Madison-Milwaukee Get-Together held its 20th annual event in Oak Creek, Wisconsin, on Saturday, August 17, hosted by yours truly and my wife, Jill. By all accounts it was a most successful and enjoyable day, with 36 hobbyists present, in addition to spouses and other family members. The weather was perfect, so people spent time both indoors and out, engaging in conversations on radio and a multitude of subjects. DXers from Minnesota, Missouri, and Ohio made the trip, as well as several from Illinois and Wisconsin. We took the traditional group photos and had a marvelous dinner at the very accommodating Melrose Restaurant in Oak Creek. At the restaurant, door prizes, generously donated by Universal Radio and Scott Fybush, were awarded. After dinner we returned to the house for cake and more conversation, and Star Trek fans enjoyed "A Taste of Armageddon" on Me-TV. Next year, the event returns to Madison, and we hope you'll be able to be there: it's on Saturday, August 16. 73, Tim.

Bill Tilford, bill1tilford@aol.com

It was a pleasure to attend the 20th Annual Madison-Milwaukee Get-Together at the home of Tim and Jill Noonan in Oak Creek, Wisconsin (thanks Tim and Jill for hosting). Thirty-six DXers representing all bands were present including NASWA members Tim Noonan, Bill Dvorak, Mark Taylor, Bill Tilford, Bob Brossell and Steve Handler. Bill Dvorak demonstrated an interesting logging program he designed that linked DX logs using Excel with MP3 recordings of the entries that he made using Audacity. Some other interesting conversation topics included the impending exit of Monitoring Times from the scene and the probable incorporation of more radio features (especially FM) into mobile phones in the future in an attempt by conventional radio to be more competitive with services like Pandora. An interesting trivia item is that a significant number of us were also Doctor Demento fans back when he was still on radio.

Thanks again to Tim and Jill Noonan and Bill Dvorak for another fun year. Thanks also to Universal Radio for the door prize gifts that were awarded during the drawing at the annual dinner.

The 21st Madison-Milwaukee GTG will be at Bill Dvorak's home in Madison on Saturday, August 16, 2014. Our backgrounds may all be different in some ways, but we all share a common bond in the sense of the joy of discovery that is disappearing from so much of our culture...

Thanks to our contributors. 73 de Jerry Lineback. Thanks to all contributors, 73s from Jerry Lineback.



NASWA Facebook Page

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



FOR SALE: Grundig G-4000A receiver and MFJ 959-C antenna tuner preamp. Stanley Cabral, 2254 62nd Ave, Oakland, CA. (510) 562-0632.

FOR SALE: Datong AD370 outdoor active antenna, originally from Universal Radio in Ohio. Despite the name, used indoors exclusively. Covers 200 kHz-100 MHz and includes preamp and cord. I'm also throwing in a DEO Receiver Guard 2000 insulator, still unopened after all these years. Both items for \$40 obo. Dale Park, PO Box 10640, Honolulu HI 96816; dxfool@aol.com or call (808) 392-1901.

Listening Review

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

Hello and welcome to Listening Review for September.

Asian Pop Music

Last time in Listening Review, I gave a short list of music programs available on Shortwave in non-English transmissions. I hope that it encouraged you to try some of them and I would be interested to read your comments. In Europe, Sundays at 2000 is a great time to listen if you like to catch up on the latest Asian pop scene, as follows:

- **KBS World with *Korean Music*** in French 2010-2055 on 5950 (Issoudun)
- **KBS World *Travels with Music*** in German 2010-2055 on 3955 (Woofferton)
- **R Taiwan Int *Tu Musica*** in Spanish 2030-2055 on 3965 (Issoudun)
- **China R Int *Chinese Popular Music*** in Polish 2035-2055 on 6145 (Issoudun)
- **China R Int *Music Express*** in Italian 2040-2055 on 7265 and 7345
- **V of Vietnam *Music Journal*** in German 2015-2025 on 9430

All these programs are straightforward music programs with just a little talk between songs, so having no knowledge of the language is by no means a barrier to listening. I realize that the above list is particularly Euro-centric, and I am keen to hear from US members for your recommendations of a notable hour where you have a good choice of available programs.

Radio Romania International.

Back in the April edition of the Easy Listening column, Richard Cuff gave the

schedule of R. Romania International.

I do enjoy this station — they have a lot of interesting programs. One of the things that particularly impresses me about the station is the amount of material packed into each program.

For example, I listened to the 1700UTC broadcast on 28th July (on 11740kHz with fair to good reception here in the UK) and their one hour program comprised the following:

- **News**
- ***Inside Romania*** (about the partnership between farmers and city dwellers)
- ***RRI Encyclopedia*** (about the grey wolf population in Romania where we learn that the wolf is almost extinct today in some parts of the continent. Romania and Poland, is home to the most numerous wolf populations, however, the number of wolves is significantly lower than in the past with only 2000 or 3000 wolves left. The wolf is now a protected species)
- ***Practical Guide*** (about Education and Scholarships)
- ***Romanian Without Tears*** (language lesson this week about fruit)
- ***The Cooking Show*** (An Ocra dish)
- ***Roots*** (This week about The Maidens Fair on Mount Gaina)
- ***Listeners Letterbox***
- ***All That Jazz*** (which featured two jazz songs, a folk song and a blues song).

That is a lot of programs packed into one hour — more than most stations would attempt. There is no fill between items,

as is often found (whether it be a short instrumental piece of music, or a promo for an upcoming program, or some such). Indeed, each program follows fast behind the previous program with barely a breath. The range of subjects covered must surely mean that there is something for everyone at some point during the broadcast.

China Radio International

The World According to Words is broadcast on Sundays, and is "a look at the words that have come to define the world we live in", and is often an interesting listen. Hosted by Liu Yan, the word or phrase is discussed with two other guests – the discussion part of the show being unscripted. I listened to the program at 0930 on 4th August on 17490kHz — a frequency that always provides strong reception in UK during the mornings.

On this occasion, I do feel that the host stretched the limit of "a word or phrase that define the world we live in", but it was still an enjoyable program. This week's subject was *Tiny Times*. This is a controversial Chinese film, and the presenter admits that, technically, it's not a phrase,

"but it's been so ubiquitous that we might as well consider it to be one".

And Liu Yan continues

"It has set a new box-office record for a non-3D release in China, [...and...] Tiny Times has caused so much debate that it is now a bona fide cultural phenomenon. [...] The film follows the fortunes of four female friends at university. [...] But the real controversy stems from the movie's unabashed portrayal of the lavish lifestyle of the wealthy people and the relentless pursuit of money in order to live that kind of life. [...] Love it or hate it, Tiny Times is undeniably one of the biggest success stories in China this year. What does that tell us? Is it a sign that the Chinese teenagers are getting too materialistic these days?"

There was then an extended discussion on

the merits of the film, and whether it really is a sign of a changing China. They continued the discussion debating whether any film should have to promote healthy social values, and concluded probably not - if it's just escapism, then that should be ok. The panelists said that the film is a mediocre one, at best, but the release of *Tiny Times 2* has been brought forward and *Tiny Times 3* and *4* has been suggested, so the public response is clearly favorable regardless of the critics.

I did enjoy the final comments from the panel:

Panelist 1:

"I can't believe that we're having such an in-depth social discussion about ..."

Panelist 2 (interrupting):

"...it's such a bad film!"

Panelist 1:

"We've just done a program talking about Tiny Times!"

Panelist 2:

*"Free promotion we're not even paid to do this cr*p!"*

NHK World Radio Japan

NHK World Radio Japan had an interesting series of three programs broadcast from Tuesday 13th August through Thursday 15th August in their **Radio Japan Focus – Summer Special Report: "Where Does Nuclear Waste Go?"** I caught the first part on Tuesday 13th Aug on 11885 with a fair signal via Meyerton at 1815UT, and then listened to the next two parts online via the NHK website.

Part 1: What is Nuclear Waste? In the first part, the program looked at how nuclear waste is produced and defined low and medium level radio-active waste (which includes things like contaminated clothing

that workers have used, and scrap collected when disassembling the nuclear reactors), whilst the high level waste includes things like spent nuclear fuel - the spent fuel can still contain substances that can be re-processed and used as fuel.

"How dangerous is this high level radioactive waste? [...] radiation is so intense that a person would receive a fatal dose in only tens of seconds after getting close to it [...] for the radiation level to drop to the point where its effects on people can be ignored is estimated to take 100,000 years. This makes the question of how to deal with the waste a major challenge for every nuclear-power generating country. Scientists are looking for ways to reduce the radioactivity more quickly, but these haven't reached the stage of being practical.

How are they planning to dispose of this high-level radioactive waste?

The most promising option at present is geological disposal - this means to bury it deep underground where it should stay safe even without human monitoring until the radiation drops sufficiently in 100,000 years from now. There were also proposals to dump it in Antarctica or in the ocean in the past but these are now banned by international treaties. Deep burial would put the waste out of the reach of wars and terrorism."

It seems that studies are being carried out in Japan to find suitable places for geological disposal. The initial study plan at a research center at Horonobe Underground Research Centre will continue for another decade, (and it has already been running for around 10 years). There are no prospects yet of electing candidate sites for geological disposal in Japan.

Part 2 on Wednesday 14th August examined: "What is a "Safe" Final Disposal Site?", whilst Part 3 discussed "How Should Agreements be Reached with Residents?" and touched on the fact that 70% of nuclear waste in Britain is gathered at Sellafield, and that Copeland and Allerdale in Cumbria have

both expressed interest in hosting a final disposal site. However Cumbria County Council have turned them down.

This was an interesting and thought-provoking series. This all seems scary stuff to me — 100,000 years seems such an impossibly long time and to me seems like a time bomb set to go off way in the future when the disposal site has long since been lost in the mists of time. It is also a relief to know that international treaties are stopping the waste being dumped in the ocean or in Antarctica, and I just hope that the treaties stay in place to prevent that from happening.

Although the programs will no longer be visible on the NHK World website, you can still listen to these three episodes via these links:

- Part 1:

<http://www3.nhk.or.jp/nhkworld/english/radio/asx/201308131430.asx>

- Part 2:

<http://www3.nhk.or.jp/nhkworld/english/radio/asx/201308141430.asx>

- Part 3:

<http://www3.nhk.or.jp/nhkworld/english/radio/asx/201308151430.asx>

Voice of Vietnam

I've mentioned the Voice of Vietnam's Sunday Show before, and probably will again (!), as it seldom fails to inform and entertain. On 4 August, (on 9625kHz via Austria at 1715UTC) the Sunday Show featured folk singing from Nghệ Tĩnh's province in Hồng Lam region, which is also known as Ví Dặm singing. This episode was a quite complex description of the different styles of Ví Dặm and Hò folk singing, for example, take this extract (which I've cut and pasted from the web page — the inserts indicate where a musical example is inserted into the narration):

"While collecting and putting Nghệ Tĩnh's folk songs on stage, along with folk music researchers, I realize that Nghệ's folk songs have more than two kinds of melodies, Vi, Dặm and Hò singing. Hò itself is sung in various ways. Hò singing in Ha Tinh is a bit different to Nghệ An while singing Hò while rowing is different to singing on the road...as an example:... (insert). But when they travel by road, they can also sing Hò in different ways, you should pay attention to the rhythm. Listen, a piece of Hò singing on the road(insert). Singing Hò while in a boat or going on the river is different...(insert...)."

As you see, not the easiest to understand whilst just listening. To get the most from this episode, it's probably best to read the script whilst listening to the online audio archive with the musical examples in the program. It's a worthwhile listen, and you can find the audio and script at:

<http://vovworld.vn/en-US/Sunday-Show/Nghe-Tinhs-folk-singing/111668.vov>

That's all for this month - I look forward to your comments and contributions for next time.

73 - 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.



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.

Shortwave Center

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

Summer is coming to a close. (Already?!?) The autumnal equinox arrives in three weeks and another DX season starts anew. Now, if the stations will just sit still and stay for a while so we can hear them!

U.S. INTERNATIONAL BROADCASTING

Radio Jittery

Reprinted by permission from "openDemocracy.net"

Zygmunt Dzieciolowski [ZDZ] and Kevin Klose [KK] 25 June 2013

The crisis that has shaken the Moscow bureau of Radio Liberty over the last year appears to be drawing to a close. Zygmunt Dzieciolowski spoke to its Acting President and CEO Kevin Klose about his plans for the station.

ZDZ: In communist times Radio Liberty and Radio Free Europe were the main source of uncensored information and analysis for people living behind the Iron Curtain. It is legendary in these parts of the world. Quite often I hear from my Russian friends how in periods when the station was jammed they stayed up long into the night trying to catch the signal as clearly as possible.

KK: I happened recently to be queuing in front of a museum. It was raining, and a man just in front of me looked as though he needed an umbrella. I helped him with the one I had. We had a conversation; he was from Russia, but lived abroad. We moved together in the queue and in the end I told him that two of my children married Russians, that I have Russian grandchildren. He looked kind of surprised, so I added too that I am currently president of Radio Free Europe/Radio Liberty (RFE/RL)...

ZDZ: What was his reaction?

KK: This kid was about 24-25, and looked at me like - 'incredible, Svoboda[Russ: Liberty], Svoboda, oh my parents, oh I know

about Svoboda.' I am not sure this guy has ever listened to Svoboda, but it was in the thinking of his family for generations. Radio Liberty has been on air since 1st March 1953; this is its 60th year. Five generations have listened to our programs, as I have said in Washington, and that is amazing.

ZDZ: The Soviet Union collapsed in 1991. The world in which the USA helped to create the radio station no longer exists. But Radio Liberty and its Russian Service survived even this historical earthquake.

KK: What is the first need of a people, a society, a community, which wants to explore actual self government, making its own decisions according to its own precepts and values, discussing what its policy will be? Does it need to defend itself and how it is going to do that? And who should be picking up the garbage, and how should this be paid for? What about freedom of speech, religion? That is why people can't live without accurate, truthful, independently reported facts and the mechanism through which it happens. Its main component is people who are schooled in, trained in and devoted to accurate witnessing, recording and accurate reporting of what they have seen. It is as fundamental as that. If people are denied the ability to engage in and create that kind of fact telling and fact witnessing themselves, it is going to be much harder for them to create an open, free, just society where independent points of view would be engaged, welcomed and worked through. Journalism is the first partner of democracy.

ZDZ: Life for the independent media is not easy in Putin's Russia. But Russians today have much easier access to information than older generations. Does Russia still need foreign broadcasting? Does Russia still need Radio Liberty?

KK: Seven years ago there were 30 small radio stations around the country which used our content; listeners could listen to our broadcasts on their frequencies. But the authorities told these stations to take our content down. No more Liberty on your wavelengths. Why did they do it? Is that freedom of speech? There are plenty of paid-for Russian television, radio and Internet outlets available to Americans. We are a free society which has a guarantee of freedom of speech and freedom of the press, and we actually observe that. So the simplistic idea that the cold war is over, is actually not accurate today. America has itself benefited from independent, free media and freedom of the press. And we think the benefits are substantial. They are fundamental for building democratic societies, a democratic way of thinking. So taxpayers of the United States have supported this kind of activity for years. This is how we live in the community of nations.

In my adult life I have been extremely fortunate. I have been employed by the Washington Post, a great, independent American newspaper. I came to RFE/RL for the first time in the early nineties. And then I became president of National Public Radio (NPR) in the USA. These journalistic organizations followed standards of independence and verifiability. Their skeptical, thoughtful, coherent storytelling was based on reported facts, observations and ideas that people can struggle with. It is not an offence to anybody when Liberty's Russian Service observes similarly good standards of reporting, and does it in Russian. I do not think there should be any problem about that. If there are a lot of media working in Russia, it is just one more media source. Let it exist. It is not threatening anything. I do not think freedom of speech is a threat to anybody. And I think the freedom of pas-

sage of ideas is essential to societies keeping up with the pace of social change.

ZDZ: Is it the right thing, though, for the US government to fund a radio station broadcasting to another country and critical of its government? The US government doesn't fund media in the US.

KK: We are promoting independent journalism, which is the first partner of democracy. What people do with independent fact-finding journalism is their business; We are not dictating to them. We do think that the provision of this is essential for the exploration and maturing of internally responsible societies. As I said, I worked for 10 years as president of National Public Radio in the United States, which is a private, independent, nonprofit company. RFE/RL is exactly the same thing. Nobody tells me what we should put on the air. Or on the internet. There is no government influence whatsoever.

ZDZ: The Soviet authorities described Radio Liberty as a nest of reactionaries and CIA agents working round the clock to destroy the happy life of the Soviet working class. Official Russia doesn't feel comfortable either with initiatives and projects funded from abroad, as the law on foreign agents demonstrates. A few months ago the Kremlin expelled USAID [9]. Are you afraid something like this might happen to you too, And you would have to close your Russian bureaus?

KK: In the community of nations there are such things as reciprocity. Values. And we value a multiplicity of ideas and views. There is a lot coming out of Russia from organizations not happy with what Liberty and its Russian service do. So what is the issue? Liberty is not a part of American foreign policy. It is not even part of what the Russian government tries to portray as representing American goals and views. I think it is a very important source for people who are exploring civil society and want to create a multiparty democracy. If you don't like it, don't listen to us. It's that simple.

ZDZ: Since September last year your Russian Service has been in the throes of a crisis. Your predecessor Steven Korn approved a major staff reshuffle and a fundamental change in the Russian Service's format. Dozens of experienced journalists were fired, and well known journalist Masha Gessen was appointed as the station's director. The new strategy was to stop broadcasting and develop Internet content. But this did not work out well, and there was a dramatic fall in audience figures. The Russian human rights community was also outraged, and its leaders appealed to the US Congress, the White House and State Department to stop Svoboda's transformation from a serious broadcasting organisation concerned about human rights into just another entertainment outlet. Washington got the message and you were asked to sort out the crisis...

KK: The station's Broadcasting Board of Governors got in touch with me at the end of 2012. I was travelling in a car when I received a phone call from one board member, Susan McCue. They remembered me as the president of Liberty who moved the station from Munich to Prague. I went to Washington, and had a meeting with three members of the board sometime in January. They asked me if I would be interested to serve as interim, or acting, president and CEO, with full powers to do what I needed to do. To succeed the person who was leaving. Because they did not have time to organise a search, my name came up... they had looked into my background. So I said it would interest me. I knew there was some kind of upheaval in the Russian service in Moscow, with some staff changes. I do not want to minimize what I knew, but I did not know much.

'Liberty is a very important source for people who are exploring civil society and want to create a multiparty democracy. If you don't like it, don't listen to us. It's that simple' - Kevin Klose

ZDZ: You had already worked at Radio Liberty in the nineties.

KK: I have great affection for RFE/RL. I went there originally in 1992, after 25 years of working at the Washington Post, one of the best newspapers in the world. I remember very well a conversation I had at that time with former Liberty president Eugene Pell. He wanted to write an article for the Washington Post; he felt that Radio Liberty should be kept open, at a point when many people believed that the cold war was over. He also asked if I knew anybody qualified to run it. I said I knew Radio Liberty from when I had been the Post's Moscow bureau chief. And the only reason for me to leave the Washington Post would be to get my hands on responsibility, not for reporting from Russia to the United States, but for broadcasting fact-based journalism to the Russians. My most difficult task was relocating the station from Munich to Prague. It was very difficult; we had a dramatic downsizing of the staff in the aftermath of the cold war. But it was a successful operation; we moved to Prague without losing a single second of broadcasting, and I stayed there as RL president until 1997.

ZDZ: Having accepted the offer from the Broadcasting Board of Governors, how soon did you realize that sorting things out at Svoboda would not be an easy task?

KK: There had been wholesale dismissals and various other things; there was some disarray in the organization. And after making my own assessment of the situation I considered whether I could be of help to them, and whether they would support what I thought needed to be done. But it made things easier that there were a number of voluntary resignations by people from previous leadership, and that is absolutely normal - when leader who has assembled a team leaves, typically his closest associates want to leave with him.

ZDZ: But there was also a new wave of staff changes in the Russian service.....

KK: When I was appointed CEO I first talked to Masha Gessen, the Russian Service direc-

tor appointed in September 2012. She is an accomplished journalist and author, with a splendid international reputation. We discussed her views about the Russian bureau, and what she would be doing. I went to Moscow in mid February, and we had further conversations there. I also talked to people on the staff and people who had been fired in September 2012, and I talked to a variety of people whom I've known since the seventies.

I think in the era of
short wave,
our broadcasts were
much more
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living there but the
signal was clearer

Then the Boston marathon bombings happened. Masha Gessen reported on that and was very interested in the Tsarnaev brothers; she had also done a lot of work on Pussy Riot and her book on Putin was very successful. So we began to talk about her future and in the process of that conversation she said she actually wanted to write a book [about the Tsarnaevs. I was with her in the Moscow bureau when she made the announcement about her resignation. Within the next few hours, a number of people hired in September 2012 also quit... end of story. But now the Russian service has been left diminished in size. 40 people left - some voluntarily, some not - in September; 15 came in, and then those people left voluntarily in April. So where do you turn? The next place to go is the people who worked here before. But the media environment in Russia is changing rapidly, people are increasingly using mobile devices; we have to be there, it doesn't mean our principles or ethics are different, but the content and the format are going to be different. We are going to figure that out. You want to join us on that? Come on and come back. And if you know anybody who is interested and is smart enough to do this stuff, the way we would not be able to figure out on our own, we want to talk to these people too. So this is what is going on at the moment.

ZDZ: You have had a wonderful career with what some would describe today as the old fashioned traditional media. But at the same time you do not hide your enthusiasm for the new digital era.

KK: During my last visit to Moscow I walked down Tverskaya Street. Every restaurant there is jammed with kids, every kid has got a mobile device of one kind or another, and they're having six different conversations - with their friend across the table, with people in New Delhi; some on Skype, some tweeting; they are in a completely different zone of contact. I am not saying it is more substantive - or less; it is just an entirely different zone. They are not confined as they were in Soviet times, so we have to be in that zone, we have to be relevant in their thinking, we have to interact with them,

using Twitter, using Facebook, if they are using all these new services that aggregate communities and people sharing ideas. We have to be a part of it; the New York Times and Washington Post are doing the same thing, we have to do that as well.

ZDZ: Is there any chance for Liberty to get access to normal radio frequencies?

KK: It is not easy, but there are some options. One thing that we could do is to continue short wave broadcasting, but it is expensive. It takes a lot of power, a lot of electricity. And people no longer listen to it as they did in the past. There is also audio and video streaming on the Internet. As for mobile devices and apps - we are getting there, but our response speed has to be improved. We have to make sure that the news and events of the past few hours, of the past day, are very much part of our presentation and on our website, svoboda.org. I know it from NPR, where the more we did high quality news, breaking news at the top of every hour, and in prime time, the more our audience grew.

ZDZ: Would this work for Russia too?

KK: We want to know. We want to expand our news reporting capacity, so we can get breaking news to the public, more and faster.

ZDZ: How much do you know about your audience in Russia?

KK: The figures that we have, we can argue them round and you can argue them flat as they say, but they show that we have always had a deeply committed core audience in Russia. It has been typically urban centred, but not always. I think in the era of short wave, our broadcasts were much more widely available, because the farther away you got from major metropolitan urban centres, the less jamming there was. There were fewer people living there but the signal was clearer; maybe they were listening more, but we did not know.

ZDZ: How do you see Russia's future? Even in Russia you may hear some voices warning that its history may repeat the Soviet scenario.

'We are moving in a very complicated era now. In some ways it was easier in the past.'

KK: Even though I did not expect the Soviet Union to fall like that, I could see that it was impeding its own ability to renew itself: by its very strange closed borders; by its refusal to allow people to come and go easily; by its attempt to monopolize information and its embedded fear of allowing its populace to know serious things about the way their country was functioning. And Russia's future? I think it is extremely uncertain, that is what I would say. Do you remember the tragic April fire [13] at the psychiatric hospital outside Moscow? So many people died. I was very much interested how it was covered and how people reacted to this. They spoke openly not about anger, but about fury. The people who lost their lives were not protected; there were plenty of opportunities to make sure that fire fighters would get there sooner, and so on. And these matters had not been looked into. The spontaneous reaction of people who did not even have relatives in the hospital had a deeper meaning. If a society doesn't publicize responses that are positive and credible, that gets to be very uneasy. It makes for a change. And change can happen unexpectedly.

Every society, every nation has its own pace, its own abilities, and it can't just stop completely. It will continue to move, outpacing any attempts to stop it. You know, there was a lot of analysis of the events in Egypt several years ago, when the Internet was shut down, and actually that turned out to be a catalyst for greater confrontation, and people got engaged in that, because they were denied something they had got used to. There are various governments that are uneasy with the free flow of information. We are moving in a very complicated era now. In some ways it was easier in the past.

RADIO HISTORY

Adrian Peterson's Diary

75th Anniversary: All India Radio on Shortwave

On this occasion, we salute All India Radio on the 75th anniversary of the inauguration of their first shortwave network. It was back in the year 1938 that four new shortwave transmitters were installed at key locations nearby to four major cities in India: Bombay, Delhi, Madras & Calcutta.

During the previous year, 1937, a new shortwave transmitter, made by Philips in Holland model KVFH and rated at 10-12 kW, was installed and co-sited with the 1-1/2 year old mediumwave unit VUD on Mall Road in Delhi. At the time, the Delhi radio studios were located in a bungalow on Alipur Road.

Apparently this new shortwave transmitter in Delhi was accorded demonstration status, and thus three more were installed during the following year 1938, one in each of the other three major cities.

The first of these new 1938 10 kW transmitters, Philips KVFH, was inaugurated in Bombay as VUB2 on February 4. This new shortwave unit was co-sited with their eleven year old mediumwave transmitter VUB at Malad, an outer suburban area between the airport and the ocean. At the time, the Bombay studios were located on Queens Road.

The second new 10 kW shortwave transmitter for the year 1938 was installed at Avadi in suburban Madras with the studios at Mylapore, a suburb that is associated with the history of St. Thomas of ancient Bible times. Both the mediumwave unit VUM at

.25 kW and the shortwave VUM2 were inaugurated on the same day, June 16.

The third of these new 10 kW shortwave stations was installed in Calcutta with the eleven year old mediumwave station VUC. Shortwave VUC2 was taken into service on August 16.

It should also be mentioned that an additional 5 kW shortwave transmitter was installed at Delhi and this was inaugurated on June 1.

Each of the four transmitters in this new shortwave network relayed the programming from its parent mediumwave station, and each was intended to increase the service area beyond the regular coverage of the mediumwave unit.

However, these shortwave transmitters also enabled the major radio stations of All India Radio to take a relay of important programming from each other. The first of these mutual inter-city relays by shortwave took place between Delhi & Bombay early in the New Year 1939, on January 18, though the procedure was soon expanded to encompass programming from other stations throughout India also.

That early shortwave network in India was established exactly 75 years ago. Since then, Bombay has become Mumbai, Madras has become Chennai, Calcutta has become Kolkata, and program distribution is by satellite.



International Broadcasting

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The VOA Radiogram experiment continues

VOA Radiogram has reached the half-year mark, and the experiment continues. I produce this weekend half-hour program using digital text and image modes borrowed from the amateur radio community. Because the 50-year-old GE transmitter at the IBB Greenville site is using the AM mode, the digital tones can be received even by inexpensive shortwave radios with no single sideband capability.

The audio is patched from the radio to a PC, where software decodes the modes. "Acoustic coupling," i.e. placing the radio's speaker next to the built-in mic of a laptop, also works. Most of us are using the Fldigi software available from w1hkj.com. Other decoding software, designed for radio amateurs but usable for receive-only, includes MultiPSK, Digital Master 780, and MixW. Eventually we hope to simplify the decoding process with a receive-only application (app) that works on PCs or mobile devices.

VOA Radiogram has an email list of about 400 people throughout Europe and North America, plus a few in Latin America. A core group of about fifty people send in reception reports every weekend. This is exactly what I was hoping for: a small group of radio enthusiasts to help us experiment with the reception of digital modes.

There is more interest in the VOA Radiogram project from radio amateurs than from shortwave listeners. This might be because there is a pre-existing group of digital mode enthusiasts in the amateur radio hobby. Still, shortwave listeners might want to look into this new use of an old technology, because it can provide a good reason not to dismantle more shortwave transmitting sites.

Why transmit the strange noises of the digital modes on broadcast transmitters designed for voice and music? Our experiments have shown that in poor reception conditions, when voice broadcasts are difficult or impossible to comprehend, text can be decoded at or near 100%. Text via analog shortwave broadcast transmitter actually extends the range and capability of the transmitter.

Furthermore, when the Internet is disrupted by dictators or disasters, shortwave can provide a workaround. Text via shortwave can provide information with few or no errors, in a form that can be relayed through local networks. If a regime blocks foreign net traffic, the information can be received by a few shortwave listeners in the country, who would then pass on that content through what would then be the country's "intranet." The digital text modes also appear to have some anti-jamming capabilities.

Battle of the modes

One of the key objectives of the VOA Radiogram project has been to determine which mode works best in a shortwave broadcast environment. Radio amateurs use several such modes. Radioteletype (RTTY) is the oldest, but not considered for VOA Radiogram because of its slow speed, lack of error correction, and ALL CAPS. PSK31 (phase shift keying at 31 baud) is also very popular among hams (you can hear and decode PSK31 QSOs just about any time on 14070 kHz), but it's also slow and prone to errors. We tried various flavors of PSK, QPSK, and the robust PSKR modes, but they did not perform as well as MFSK (multiple frequency shift keying).

MFSK became the champ and, boxing-style, took on other challengers one by one,

including MT-63, Olivia, and Thor. On VOA Radiogram, we transmitted the same story in MFSK and the competing mode at similar speeds in words per minute. In almost all cases, MFSK provided fewer errors.

MFSK is available in several speeds. On VOA Radiogram, we have found that MFSK32, at 120 words per minute, provides the best combination of speed and accurate copy under typical shortwave conditions. MFSK16, at 58 wpm, may seem aggravatingly slow, but it's bulletproof in difficult reception conditions. MFSK64 at 240 wpm works well in good reception conditions. The added speed is useful when sending html-coded content. New long-interleave versions of MFSK64 and even MFSK128 (480 wpm), more suitable for long-distance shortwave propagation, are in the works and will be tested on VOA Radiogram. (Read more about the MFSK modes at www.w1hkj.com/Fldigi-Help-3.21/Modes/MFSKdesc.htm.)

MFSK can also be used to transmit pictures. The quality of the images varies according to reception conditions. If you've ever seen slow scan television (SSTV) images, the MFSK images are similar to that. On VOA Radiogram, we've also experimented with EasyPal, a DRM-derived digital image mode used by radio amateurs. At its most robust setting, it requires seven minutes to transmit a single picture, and even at that the failure rate is rather high. As with all DRM, reception is either perfect or nothing. When successful, however, the images are vivid and startling given that they came via shortwave.

Decoding from a dongle

Any practical implementation of the VOA Radiogram concept will begin with typical shortwave radios patched into PCs or mobile devices. A later phase of the project could involve purpose-built dongle receivers, or shortwave reception chips built into mobile devices. These would have SSB capability, thus allowing better decoding performance

with lower transmitting power. A future shortwave receiver the size of a Sangean ATS-909 could have a display for digital text and images. Whereas the development of DRM shortwave receivers has proven difficult, incorporating MFSK decoding software into a shortwave receiver should be comparatively easy. And MFSK is *much* more forgiving than DRM.

Tune in and decode the VOA News stories on VOA Radiogram. You already have the necessary hardware. Place a patch cord between your shortwave radio's audio output and your PC's audio input. Then download Fldigi from w1hkj.com. Fldigi can be finicky on some systems, but it's easy to install. Some adjustment of your computer's audio settings may be necessary. Any audio coming out of your radio should appear as a "waterfall" on the Fldigi interface. When you receive a digital text transmission, it will appear as a distinct trace on the waterfall. Almost all digital modes on VOA Radiogram are centered at 1500 Hz on the waterfall, which shows audio input from about 500 to 3000 Hz. Check the RxID box at the top of the Fldigi interface, and the software will detect the mode and center frequency automatically.

Here's the schedule for VOA Radiogram (all days and times are UTC): Saturday 1600-1630 on 17860 kHz; Sunday 0230-0300 on 5745 kHz; Sunday 1300-1330 on 6095 kHz; Sunday 1930-2000 on 15670 kHz. All are via IBB Greenville, NC. If you are in the skip zone for 17860 and 15670, try the SDR receiver at the University of Twente in the Netherlands: websdr.ewi.utwente.nl:8901.

The lineup of modes is usually posted Thursday or Friday before each weekend's broadcast at the VOA Radiogram website: voaradiogram.net. See also How to Decode the Modes at that site.

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

Listener's Notebook

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Times are UTC and frequencies in kHz.

ARMENIA 4810, *Voice of Armenia* (via Republican Centre Telecommunications), e-letter, f/d, address: 29, Tbilisian Highway, Yerevan, 0091, Republic of Armenia, the answer come to: v/s A. Verdyan (General Director), ether@web.am. (Alvaro López Osuna-Spain/PlayDX)

ASCENSION ISLAND Frequency changes of *Deutsche Welle* effective from August 1:

0300-0400 NF7225 Swahili, ex12070
(DX MIX News, Ivo Ivanov-BUL, via wwdxc BC-DX TopNews July 29)

AUSTRALIA *Radio Australia* apparently has stopped issuing QSL cards. Additional frequencies of R. Australia in English from July 21:

2200-2330 on 9610 DHA, former in Indonesian
2200-2330 on 11695 SHP, former in Indonesian
0000-0030 on 17750 SHP, former in Indonesian
0400-0500 on 17800 HBN, former in Indonesian
0400-0530 on 17750 SHP, former in Indonesian
1300-1430 on 9475 SHP, former in Chinese
1300-1430 on 9965 HBN, former in Chinese
1300-1430 on 12085 SHP, former in Chinese
(DX Re Mix News, Bulgaria via Dan Ferguson-SC)

AZERBAIJAN Strong unmodulated carrier was observed on August 9/10:

0500-0815 on 9677.6 on August 9
1315-1505 on 9677.6 on August 9
1315-1602 on 9677.6 on August 10

At present no SW broadcasts from *Voice of Justice* and *Voice of Talyshistan*:

Voice of Justice

0600-0630 on 9677.6 Azeri Wed/Sat
1400-1430 on 9677.6 Azeri Tue/Fri

Voice of Talyshistan

0900-1000 on 9677.6 Talysh Tue-Sat
1200-1300 on 9677.6 Talysh Tue-Sat
1500-1600 on 9677.6 Talysh Tue-Sat
(DX Re Mix News, Bulgaria via Dan Ferguson-SC)

BOLIVIA 3310, *Radio Mosoj Chaski*, Cochabamba, 1030 appears to have returned, yl noted, alas tuned in late for Bolivia. 28 July. (Bob Wilkner-FL/DXplorer)

5580.34, 2350-0010, 23-24.07, *R San José*, San José de Chiquitos, and Spanish talk with deep fades. 25212. (Anker Petersen-DNK/PlayDX)

5952, *Radio Pio XII*, email-QSL, 11 months. Very difficult to contact this station. Not usually respond to mail letters although accompanied by \$ 1. The email that is advertised on the web does not work. In my case, I got in touch with their Facebook profile. After several promises of response (which never came), the executive director of Radio Pio XII. V/s: Felix Miranda Tórriz, felitorremi@hotmail.com. (Alvaro López Osuna-Spain/PlayDX)

6025.00, *R. Patria Nueva*, La Paz, 2205-2235 on Jul 17, nx about President Evo Morales and his fly detention in Europe outside the Vienna Agreement, ads in SP & Quechua. Advs: Toyota Motors. Anmt: "Visite la hoja virtual del contribuyente y participe del crecimiento y progreso de Bolivia... seguimos creciendo". Px: "Bolivia Informa", ID: "Patria Nueva". 33333. (Pedro F. Arrunátegui-Perú/DXplorer)

6134.85, 0050-0105, 24.07, *R. Santa Cruz*, Santa Cruz de la Sierra, Spanish ann, three IDs, frequency ann, pop music, advs. 35343. (Anker Petersen-DNK/PlayDX)

6154.92, 0105-0115, 24.07, *R. Fides*, La Paz, Spanish ann, music. 25232. (Anker Petersen-DNK/PlayDX)
6155a, 0953, *Radio Fides* w/time check & Good Morning messages in SS, fair in clear on measured 6154.95. Best on USB to avoid RA's PNG Service on 6150. Ident & folk song, then blocked by RTI Chinese 6175 opening at 1000 24/6. (Brian Clark-New Zealand/NZDXTimes)

BRAZIL 3364,95, Jul 5, 0012, *R. Cultura* Araraquara ID jingle by female chorus at 0012:40 between ZY Pop songs. "Could It Be Magic" by Barry Manilow. 0023 another promo and back to ZY Pop song. 0026:55 nice clear full canned ID by M. Surprised it was as easy as it was to ID. 15 July. (Dave Valko-PA/SWBulletin)

4814.95, 2320-2330, 23.07, **R. Difusora**, Londrina, PR, Portuguese talk, heterodyne. 23232. (Anker Petersen-Denmark/PlayDX)

4865.00, **R. Verde Floresta**, Acre, 2347-0015 on Jul 4, mx various continuous. No ID despite they usually give them at TOH. Also hrd 0950-1015 on Jul 6, w/ rlg pgm, rlg mx interspersed w/ rlg messages. Continuous mx. No ID given. 44444. (Pedro F. Arrunátegui-Perú/DXplorer)

4894.93, Jul 14, 2336, **R. Novo Tempo**, 2336 rel-sounding mx. Brief anmnt 2340, then a soul song. Live M DJ w/ID and 2342:15, and ID jingle 2343:10, live M w/ID, short singing jingle, back to soft mx. 0028:40 another canned ID by W. Pretty good signal w/CODAR QRM. Haven't heard it in a while. Guess you'd classify this as a reactivation. Good ZY night. 14 July. (Dave Valko-PA/SWBulletin)

4915.01, 2300-2345, 26.07, **R Daqui**, Goiânia, GO Portuguese ann, Brazilian romantic songs, 2330 ID: "...Rádio Daqui..." 45333. (Anker Petersen-Denmark/PlayDX)

4925.23, 2340-2350, 23.07, **R. Educacao Rural**, Tefé, AM. Portuguese talk. 25232. (Anker Petersen-Denmark/PlayDX)

5014.90, **R. Cultura**, Cuiabá (t), 1025-1045 on Jul 2, rlg px: "Cristo es Amor", ads, px: "Alegría del Señor". Anmt: "Aquí en la ciudad de Cuiabá... A todos los pueblos lindos del Amazonas". Tentative since no ID hrd, only references to Cuiabá, ads for "Iglesia Pentecostal Dios es Amor". QSB, poor rcprn, faded out 1045. 22222. (Pedro F. Arrunátegui-Perú/DXplorer)

5939.94, 0015-0025, 24.07, **Voz Missionaria**, Camboriú, SC, Portuguese religious talk. 35233. (Anker Petersen-Denmark/PlayDX)

5970, **R. Itatiaia** 0040+ phone in tlk show wM and W hosting. Great singing jingle ID at 0059:30, live M anncr, and then another ID by M at 0100:35. Good signal. This one usually does well. 15 July. (Dave Valko-PA/SWBulletin)

6010.14, 0040-0050, 24.07, **R. Inconfidencia**, Belo Horizonte, MG. Portuguese radio play, best heard in LSB. 34333. (Anker Petersen-Denmark/PlayDX) 6010.1, R Inconfidência, Belo Horizonte, MG, 2120-2150, Jul 14, soccer "Cruzeiro, Campeonato Brasileiro", ID: "Rádio Inconfidência", 23322 // with

15190. (Méndez-Spain/DX Window) Also heard at 0204, Jul 19, romantic pop, old-fashioned songs, brief ID, 35333. (Bell-South Africa/DX Window)

6104.967, Jul 14, 2126, **R Cultura Filadelfia** now quite stable on this frequency. Usually signs off early. (Thomas Nilsson-Sweden/SWBulletin)

11915 **Radio Gaucha** Porto Alegre REACTIVATED between 1000 ... 1500 local time. (Dario Monferini & Roberto Pavanello - Hotel terrazza of Sol Ipanema resort, at 16 floor, Ipanema-Brazil/PlayDX) 11915.04, Jul 15, 0007, R. Gaucha. Nice clear ID/promo at 0007:50-0009:20 followed by ID intro by M for pgm., then W tlk w/sev. ID. 15 July. (Dave Valko-PA/SWBulletin)

Could listen today from 0330-0340 to **Radio RB2** Curitiba on 1430. Good but not perfect signal. Now search for a contact and visited their webpage - and found very interesting news from today! RB2 plans to reactivate their shortwave transmitters on 6040, 9725 and 11935 in "December 2013"! Also nice pictures from their transmitter site on the webpage. Christoph Ratzer-Austria/SWBulletin) Thanks Christoph, very interesting information. We really need new stations on SW! (Thomas Nilsson)

BULGARIA Test broadcasts of **RTR R. Europa** via KOSTINBROD on July 20/21

1400-2000 on 12035 Sat
1100-1400 on 12035 Sun
(DX Re Mix News, Bulgaria via Dan Ferguson-SC)

12035, **RTR Radio Europa RTR2** music radio station from Aachen-Stolberg Germany and Belgium on FM. Saturday, 20.07.2013 1400-2000 with 25.000 Watts and Sunday, 21.07.2013, 1100-1400 with 50,000 watts. (Wolfgang Büschel, Germany, wwdxc BC-DX TopNews July 20) Snail mail address: RTR Radio Europa, Postfach 1142, 52157 Roetgen, Germany. E-mail address: info@rtr2.eu. Personal contact telephone in Belgium +32 (0) 87 84 00 24. E-mail: mail@rtr2.eu. (Halle-Saale Germany/TopNews) 12035.02, RTR2, R Europa, Belgium, via KOSTINBROD (?), 1913-2001*, Sa Jul 20, German ann, pop songs e.g. by Marvin Gay, ann website: www.rtr2.eu , reactivated station on SW, 55454. Scheduled Jul 20 at 1400-2000 with 25 kW and Jul 21 at 1100-1400 with 50 kW. (Petersen-Denmark and Scholz-Germany/DX Window). Its a station from the German speaking community in Belgium. Nothing new. For some years they had a relay via

Jülich or Wertachtal on 49 MB every Sunday. It was closed 2 or 3 years ago. Last SW activity was in Sep 2012 - also via Kostinbrod, Bulgaria. Was a Michael Jackson special. (Liehr-Germany/DX Window)

CANADA 6069.948, Jul 19, 0300, **CFRX** with "Newstalk 10-10 broadcasting from downtown Toronto" strong. (Thomas Nilsson-Sweden/SWBulletin) 6070, **CFRX** Toronto had been off the air since a transmitter fault in mid June but as of 16 July repairs to the transmitter were complete and **CFRX** is back on the air. <http://cfrx.webs.com/> **CFRX** simulcasts News talk 1010 **CFRB** Toronto - if you hear English on 6070 in Europe, especially if music, it is more likely to be Radio 6150 from Germany which plays old offshore recordings on the same frequency. (Alan Pennington/British DX Club)

6160, **CKZN**, QSL-card, 7 months, address: CBC/CKZN P.O.Box12010, Station A, St. John's NL A1B 3T8, Canada. (Alvaro López Osuna-Spain/PlayDX)

CHAD 6165, **R Tchad**, Gredia, N'Djaména, 1939-1955, Jul 11, French talks, Afro-music, comments about Ghana, 33333. (Dritsas-Greece/DX Window) Also heard at 2105-2123, Jul 13, vernacular songs, 34433. (Méndez-Spain/DX Window) 6164.959, **RNT** N'Djaména in probably some vernacular and French sce, tonight **AHEAD** of even 6165 **CRI** English service from Beijing, heard on **Perseus** remote unit in Brisbane at 1726 Aug 3, in peaks S=9+15dB signal. (Wolfgang Büschel, Germany, wwdxc BC-DX TopNews Aug 3)

CHINA 6144.985, Jul 18, 2257, China **CNR** Xining a little low here. (Thomas Nilsson-Sweden/SWBulletin)

10000, 1359-, **XPM** Aug 2 Presumed the Chinese time signal station with CW during the :59 minute followed by voice towards the top of the minute. Way over **WVW**, which was barely audible, and over **WVH**. (Salmaniw, Masset, BC/DXplorer)

CLANDESTINE Radio Free Sarawak is back on air from Monday, August 12: 1100-1230 on 15420 **PAO** in Iban Monday-Saturday. There's no regular program today. Continuous music at about 1120. The regular program was back at 1150 with website and email announcements. Today, August 12 **Radio Free Sarawak** continues to broadcast until 1321. (DX Re Mix News, Bulgaria via Dan Ferguson-SC)

4860, **Voice of Iranian Kurdistan**, via Salah Al-Din, Iraq, *0226, Jul 01, Kurdish, IS, at 0229 Hymn of Kurdistan (same in another version is played at

0303 on 11510), 0232 ID and sermon, jammed (on // 3960 was same procedure, but with more than 2 minutes delay), 44444. (Pankov-Bulgaria/DX Window)

4880, **SW-Radio Africa** (Zimbabwe), e-QSL, 65 days, v/s: Danny Argitai, danny@swradioafrica.com. (Alvaro López Osuna-Spain/PlayDX)

6003, **Echo of Hope-KOR**. Finally in the clear without jamming for once. 1010 alternating **tlk** by M and W in KR. 1016 UT very brief soft choral **mx** presumably ending the feature, then another feature w/more **tlk** by M. 1023:55 choral singing again briefly, then Korean **mx** w/poss. **pgm** intro by M then W, followed by **tlk** by W. 1029 dramatic orchestral **mx** w/same W outro, then pres. ID by same W over choral **mx** again. 1030 easy traditional Korean songs w/brief **anmnts** by M. Pretty steady to 1100 **ToH**, then faded. Even when **V.O.** the People is unjammed, this has always been jammed. Wish I would've been there at the 1000 **ToH**. 21 July. (Dave Valko-PA-USA, hcdx July 23/TopNews)

9965, **Nippon-No-Kaze**, (tx: Via Palau), letter-QSL (no card), 1 year, address: Policy Planning Division, Headquarters for the Abduction Issue, Cabinet Secretariat 1-6-1 Nagata-cho, Chiyoda-ku Tokyo 100 8968, Japan. The 2 \$ shipped on two previous letters were returned. (Alvaro López Osuna-Spain/PlayDX)

11560, poss **Dmtse Eri** 1723 talking abt emergency and but seems **R Erena** 1725 with song . again heard on 1728 and seems signed out 21630 **EGN** per listing 1732 with relig **prg** S4 max 25332 (local **qrn**) address in USA mentioning G Abrahams, org >> **AF** then remain transmission with songs 1757 with adverts and **WHRI** before closure 9505 **V** of Africa/Sudan 1805 with talks in Eng followed by song, 1813 discussions, S5-6 1825 with song. (Zacharias LIangas-Greece/PlayDX)

15150-15180, **Dimtsachin Yisema**, new station brokered by **BRB** (former **TDP**) from Jul 18 daily at 1930-2000 in Amharic to East Africa. Transmissions are jammed by Ethiopia with broadband **DRM**-like white noise. Frequency varied as follows: Th Jul 18 on 15155, Fr Jul 19 on 15165, Sa Jul 20 on 15175, Su Jul 21 on 15150, Mo Jul 22 on 15160, Tu Jul 23 on 15180, We Jul 24 on 15170, similar to **ESAT** Radio below. (Ivanov-Bulgaria/DX Window)

15400, **R Free Kenyalang**, via Palau, terminated its broadcasts at 0900-1000 in Iban on Aug 01. (Ivanov-Bulgaria/DX Window)

15615, *Salam Watandar* with afghan songs on 1456, more music on 1506. (Zacharias Llangas-Greece/PlayDX) 15615, Tentatively R Salaam Watandar (acc. Aoki Nagoya list) 1330-1500 in Pashto from Kostinbrod to Afghanistan, S=8-9 side lobe signal here in southwestern Germany. (Wolfgang Büschel, Germany, wwdxc BC-DX TopNews July 27)

E-SAT Radio in Amharic "secret transmitter" according to monitoring July 18-28:

1700-1800 on 15365 Mon
1700-1800 on 15385 Tue
1700-1800 on 15370 Wed
1700-1800 on 15390 Thu
1700-1800 on 15375 Fri
1700-1800 on 15360 Sat
1700-1800 on 15380 Sun

All frequencies are jammed by Ethiopia with broadband DRM-like white noise. (DX Re Mix News, Bulgaria via Dan Ferguson-SC)

Dimsachin Yisema in Amharic "secret transmitter" according to monitoring July 18-28:

1930-2000 on 15160 Mon
1930-2000 on 15180 Tue
1930-2000 on 15170 Wed
1930-2000 on 15155 Thu
1930-2000 on 15165 Fri
1930-2000 on 15175 Sat
1930-2000 on 15150 Sun

All frequencies are jammed by Ethiopia with broadband DRM-like white noise. (DX Re Mix News, Bulgaria via Dan Ferguson-SC)

Frequency changes of **Voice of Tibet**:

1200-1215 NF 15602 DB Chinese, ex 15608
1215-1230 on 15607 DB Chinese
1230-1245 on 15557 DB Tibetan
1245-1300 on 15563 DB Tibetan
1300-1315 NF 15542 DB Chinese, ex 15548
1300-1315 on 15563 DB Tibetan
1315-1345 NF 15548 DB Chinese, ex 15543
1315-1345 on 15568 DB Tibetan
1345-1400 on 15542 DB Chinese
1345-1400 on 15562 DB Tibetan
1400-1430 on 15568 DB Tibetan
1400-1415 on 15525 MDC Tibetan
1415-1430 NF 15520 MDC Tibetan, ex 15525

Changes between frequencies vary from 3 to 5 min. (DX Re Mix News, Bulgaria via Dan Ferguson-SC)

Frequency change of **Radio Ranginkaman/Radio Rainbow**:

1600-1630 NF 7575 KCH Farsi Mon/Fri, ex 7550 (DX Re Mix News, Bulgaria via Dan Ferguson-SC)

Frequency change of **North Korea Reform Radio**:

1400-1600 NF 7585 TAC Korean, ex 7590 //9380 (DX Re Mix News, Bulgaria via Dan Ferguson-SC)

COLOMBIA 6010.00, **R. La Voz de tu Conciencia**, Bogotá, 0910-1022 on Jul 17, bilingual (SP/EG) Gospel rlg pgm, rlg mx, joropo mx, ID "Esta es la Voz de tu Conciencia, la radio que la lleva al cielo", mx, ID w/TC "Son las 5 de la mañana con 22, esta es la radio que le conviene, Radio La Voz de tu Conciencia", mx. 33333. (Pedro F. Arrunátegui-Perú/DXplorer)

CONGO, DEM. REP. 5066.3, **R Tele Candip**, Bunia, 0414, Jul 13, ann in vernacular, male singer with local Afro pop (audio much better with the music), 25332. (Bell-South Africa/DX Window)

CONGO REPUBLIC 6115, Jul 12, -1820°, **R Congo** with mediocre signal until sign off. (Thomas Nilsson-Sweden/SWBulletin) 6115, On July 12 at 1713, R. Congo, Brazzaville, dialecto, texto (noticias?), progr. em francês, mais tarde; 15341. Em 13 July, a emissão ainda estava no ar, algo além das 2030. 2032-2100, 13 July, francês, retransmissão de espectáculo musical; 34432, QRM adj, até às 2100 UT, e depois ficou "enterrada" em QRM na mesma frequência. (Carlos Gonçalves-POR, SW bulletin #1776, July 21/TopNews)

CUBA RHC planning second tropical band frequency "In the near future, when solar cycle 24 starts its downward slope, we may be adding a second Radio Havana Cuba tropical band service, so that we can be on the air in Spanish full time during the local evening hours, and add French, Kreyol and English on the second transmitter with a similar high vertical incidence angle antenna. We will carefully monitor the behaviour of the night time maximum useable frequency curve as solar cycle 24's activity drops after the peak months, and when the MUF drops below 7 MHz we will be activating the second Radio Havana Cuba tropical band frequency on the 60m band. By the way, many years ago, Radio Rebelde did use a 90 metre tropical band frequency, with a 5 kW transmitter on 3365 kHz, and this may be another option to

explore when solar activity drops to extremely low levels." (Arnie Coro RHC DXers Unlimited via Alan Pennington/British DX Club)

DIEGO GARCIA "AFN AFRTS" Radio program on shortwave from Diego Garcia, Key West FL-USA {decommissioned now}, Guam, and Pearl Harbor Hawaii {Out of service for an indefinite period} covers overseas. Sigonella in Italy, Puerto Rico relays ceased also already. Shortwave service is provided by the Navy as an option for their ships without the Navy's Direct-to-Sailor (DTS) capability. Shortwave also serves as a backup to those customers with DTS. Shortwave service is also an option for land-based listeners in remote locations that do not have access to local or satellite-delivered AFRTS full Satellite Network (SATNET) services. Shortwave services are intended to operate 24/7 but do experience disruptions due to maintenance and atmospheric conditions. AFN Shortwave Radio [HF-USB] Broadcasts <http://myafn.dodmedia.osd.mil/ShortWave.aspx>. Current AFN Shortwave Radio High Frequencies Diego Garcia USB mode day 12759, night 4319. AFN GUAM transmitting to the Western Pacific Ocean Area and Far East Region Guam USB mode day 13362, night 5765. <http://myafn.dodmedia.osd.mil/Services.aspx?b=1>. AFN Radio Program Schedule <http://myafn.dodmedia.osd.mil/AFNRadio.aspx>. (Wolfgang Büschel, Germany, wwdxc BC-DX TopNews July 24)

ECUADOR 3379.99, *Centro Radiofónico de Imbabura*, Ibarra, -2326*, Th Jul 18, just a minute before signing off. Very weak, but able to get "... Radio Centro ...". Also until -0128*, Jul 18 (local We), but then weaker. (Nilsson-Sweden/DX Window) Last heard in Feb 2013. (Ed/DX Window) 3379.951, Jul 24, 2321, Tent. Centro Radio de Imbabura noted again. Very strange behavior - off from 2323-2330 when they reappear on 3379.995 but weaker, then off again at 2331-2334 and found to be back on 3379.951 with the same level as before. Weak signal so difficult to get any vital information. Recorded the 90 mb only a short time so can't tell the sign off time. (Thomas Nilsson-Sweden/SWBulletin)

4781.67, Jul 11, 2357, *R Oriental* Tena up to -0001* when switched off the transmitter. (Thomas Nilsson-Sweden/SWBulletin) 4781.70, *R. Oriental*, Napo, 1110-1130 on Jul 11, TC: "Amigos, son las 6 y 12 en el Ecuador Continental", nx. Impossible lang after 1130. LSB needed, no ID given. 33333. (Pedro F. Arrunátegui-Perú/DXplorer) 4781.671, Jul 29, 0030, *R. Oriente* Tena with a very clear ID despite

weak signal. Too bad to see that some active DXers still believe that this is R Tacana. Tacana has been off for a long time and most likely inactive. Why not wait for an ID, or at least point to an active station???? (Thomas Nilsson-Sweden/SWBulletin)

6050.00, *R. La Voz de los Andes* (HCJB), Quito, 1126-1150 on Jul 17, rlg px religioso sponsored by Radio Transmundial, ID: "Gracias HCJB", anmt: "HCJB agradece tu contribución, ello nos produce un inmensa alegría", nx abt Proyecto "Puyando-Tumbes". 44444. (Pedro F. Arrunátegui-Perú/DXplorer)

EGYPT 11890, *2115-2245*, 27.07, *R. Cairo*, Abis, heard with strong, open carrier (QSA 5), but no audio from the radio house! So the new government is silent about the latest violent demonstrations! (Anker Petersen-DNK/PlayDX)

12050, *R. Cairo*, at 2100 on Aug 10 just starting an Arabic by Radio lesson in English - this during the French service transmission. Lesson ran until 2108, then some Arabic music until tx abrupt off mid-tune at 2112. (Alan Roe-UK)

ERITREA VOMBE 1st prgr reactivated on 7205, observed on 20 July with interval signal from 0254 over Radio Sudan. The VOBME 2nd prgr has not been heard since May 2013 on either 4700, 7100-7200 or 9705. The jammers type "Dya-Dya-Nya-Nya-DyaP" heard on 7235 and 9565 may be Eritrean jamming against broadcasts from Ethiopia. (Rumen Pankov/British DX Club)

ETHIOPIA 6030, 0259, *Radio Oromiya* w/chimes interval signal and sign on anncts in local lang over Radio Marti & Cuban jamming 25/6. Tried again 1/7 when Marti off air but Cuban jamming too strong for Ethiopia this day. (Brian Clark-New Zealand/NZDXTimes)

Interval signals of four local Ethiopian stations are noted daily from 0254 on 5950 (the strongest signal from Ethiopia), 6030 (under Radio Marti and Cuban noise), 6090 (co-channel Univ. Network plus Nigeria off freq). Thu & Fri from around 0400, other days from 0422) and 6110. (Rumen Pankov/British DX Club)

Ethiopian services on approx 7235 and 9565 were observed 13-20 July as follows: 1155-1659 on 9564 in Horn of Africa languages including Arabic, 1600-1700 in English, 1700-1800 in French - this freq soon fades out around 1720. On 17 July at 0355

station observed on both 7231 and 9564 kHz with ID " DemokrasiPERtran" which may be Voice of Peace and Democracy of Eritrea and jamming (see Eritrea - above). Station not heard next day but the jammers were still there on both frequencies. (Rumen Pankov/British DX Club)

FRANCE Summer A-13 schedule of *Radio TV Algerienne*:

0400-0458 on 7295 ISS Arabic Nat. Chaîne 1
0500-0558 on 7295 ISS Arabic Nat. Chaîne 1
0500-0505 on 9535 ISS French news bulletin
0505-0558 on 9535 ISS Arabic Holy Quran px
0600-0605 on 11985 ISS French news bulletin
0605-0658 on 11985 ISS Arabic Holy Quran px
1800-1900 on 13820 ISS Arabic Nat. Chaîne 1
1900-2000 on 11765 ISS Arabic Nat. Chaîne 1
1900-1905 on 13820 ISS French news bulletin
1905-1958 on 13820 ISS Arabic Holy Quran px
2000-2100 on 9375 ISS Arabic Nat. Chaîne 1
2000-2005 on 11765 ISS French news bulletin
2005-2058 on 11765 ISS Arabic Holy Quran px
2100-2200 on 7495 ISS Arabic Nat. Chaîne 1
2100-2105 on 9375 ISS French news bulletin
2105-2158 on 9375 ISS Arabic Holy Quran px
2200-2205 on 7495 ISS French news bulletin
2205-2258 on 7495 ISS Arabic Holy Quran px
(DX Re Mix News, Bulgaria via Dan Ferguson-SC)

Summer A-13 schedule of *Radio France Internationale*:

0400-0458 on 11700 ISS French
0400-0458 on 13685 ISS French
0430-0458 on 7340 MEY Swahili
0500-0558 on 11605 MEY French
0500-0558 on 11700 ISS French
0500-0558 on 13695 ISS French
0530-0558 on 11790 MEY Swahili till Aug.31
0530-0558 on 9835 MEY from Sep.01
0600-0628 on 9805 ISS Hausa from Sep.01
0600-0628 on 11995 ISS Hausa from Sep.01
0600-0628 on 13750 ISS Hausa till Aug.31
0600-0628 on 15340 ISS Hausa till Aug.31
0600-0658 on 11605 MEY French
0600-0658 on 11700 ISS French
0600-0658 on 13695 ISS French
0600-0658 on 15300 ISS French
0700-0728 on 13685 ISS Hausa
0700-0728 on 15315 ISS Hausa
0700-0758 on 11700 ISS French
0700-0758 on 13695 ISS French
0700-0758 on 15170 MEY French

0700-0758 on 15300 ISS French
0700-0758 on 17850 ISS French
0700-0758 on 21580 ISS French
0800-0858 on 13695 ISS French
0800-0858 on 15300 ISS French
0800-0858 on 17620 ISS French
0800-0858 on 21580 ISS French
0930-1028 on 7325 TAI Chinese
0930-1028 on 11875 TAI Chinese
1100-1128 on 15680 TAI French
1200-1258 on 17620 ISS French
1200-1258 on 17660 MEY French
1200-1258 on 21580 ISS French
1200-1258 on 21690 ISS French
1300-1328 on 15160 ISS Russian
1300-1328 on 17850 ISS Russian
1400-1458 on 7380 TAI Vietnamese
1430-1458 NF 15360 ISS Farsi, ex 21580
1430-1458 on 17850 ISS Farsi
1500-1528 on 13630 ISS Russian
1500-1528 on 15215 ISS Russian
1500-1558 on 9565 TSH Vietnamese
1500-1558 on 15360 MEY Swahili
1600-1658 on 17615 ISS Hausa
1700-1728 on 9870 MEY Portuguese
1700-1758 on 13620 ISS Pashto
1700-1758 on 13740 ISS French
1700-1758 on 15300 ISS French
1700-1758 on 15300 ISS French
1700-1758 on 17620 ISS French
1700-1758 on 17850 ISS French
1800-1858 on 11795 ISS Russian
1800-1858 on 11995 ISS French
1800-1858 on 13620 ISS Russian
1800-1858 on 13740 ISS French
1800-1858 on 15300 ISS French
1800-1858 on 15300 ISS French
1800-1858 on 17850 ISS French
1900-1928 on 5950 MEY Portuguese
1900-1958 on 11995 ISS French
1900-1958 on 13740 ISS French
1900-1958 on 15300 ISS French
1900-1958 on 17850 ISS French
2000-2158 on 7205 ISS French
2000-2158 on 11995 ISS French
2200-2258 on 7310 TSH Chinese
2300-2358 on 9955 TAI Chinese
(DX Re Mix News, Bulgaria via Dan Ferguson-SC)

GERMANY 7365, F.Pl. *HCJB* Weenermoor has just been busy with the construction of an antenna 7365 kHz in 41 mband, peak 7.5 kW at 145deg direction. (Siegbert Gerhard-D, to Iris Rauscher at Quito Ecuador, July 17/TopNews)

15785.000, Exact footprint of **Hamburger Local Radio** via Schwerin Goehren tx site, noted 1515 to 1600 July 25. Three signals noted from remote SDR units in Iceland and England - only. Heard HLR ID at 1515-1530 "New letters on the air" program until 1530, followed immediately by Glenn Hauser's World of Radio program #1678 edited of July 17. ID, issue #1678 and WoR address in US given at 1545. Nothing heard on various units in Netherlands, Germany, Sweden, Finland, NY USA, Switzerland, San Remo - Riviera, Sicily Italy, and Greece. Neighbour 15775 on next channel, Ludo Maes' "Disco Palace Music" DRM mode program via Issoudun France tx center. (Wolfgang Büschel, Germany, wwdxc BC-DX TopNews July 25) Hamburger Lokalradio now verified my reception report sent from Gran Canary Island (Atlantic Ocean) for their test transmissions on 15785 kHz. It's a printed special QSL card containing all details (1 kw into a dipole from Goehren/Schwering site). (Harald Kuhl-Germany/DXplorer)

Today (July 30) we started new daily transmissions for the **Overcomer Ministry** per the following schedule:

1400-1600 on 13810 ISS Middle East
1400-1600 on 9655 NAU West Europe
2000-2200 on 11775 NAU Africa
2100-2300 on 15390 NAU South America
2100-2300 on 15620 NAU North America
1200-1400 on 15205 ISS East Europe
1200-1400 on 17750 ISS Middle East

We would very much enjoy receiving reception reports (by e-mail) for those transmissions because we are very interested in the information how the signals could be received at different locations in the world. Thank you for listening. (Michael Puetz <QSL-Shortwave@media-broadcast.com>, Sales Consultant, Business Unit Radio, Media Broadcast-Germany)

GREECE 15630, 27 July 2013 at 1307. News programme heard in English starting at 1307 (for approx 9 minutes) read by YL "These are the news in English broadcasted by the **Free Hellenic Radio** programme". (Alan Roe-UK)

ERT was broadcasting in Greek at 0400-0807, Jul 28, on 9420, 7475 (ex 11645) and 15650 (ex15630). But on Aug 03 it was on 9420, 11645 (ex 7475) and 15650! At 0807-1200, Sa Jul 27 and Su Aug 04, Greek on 9420, 11645 and 15630. On Jul 24 and 28 at 1100-1200 in Greek to Western Europe on

9420, 9935 and 15630. At 1200-1203 all frequencies broadcast a news bulletin in Spanish. Also heard Jul 28 at 1200-1250 in Greek on 9420, 11645 and 15630 and from 1300 in Greek on 9935. At 1307-1317 English news were noted on 9420, 9935 and 15630. (Koe-Denmark and Ivanov-Bulgaria/DX Window) More and more wrong frequencies of ERT with 7450 being used on Aug 5 and 6 7475 and 11645. Again unscheduled wrong frequency of ERT in Greek on Wed, Aug 7 on 15630 not on 15650. Only single frequency of ERT is on the air on Thursday, Aug 8. The broadcasts on 9420,9935,15650 were back on the air around 1520 Aug 8. Extended transmissions of ERT on Friday, Aug 9. Another wrong frequency of ERT on Saturday, August 10. The broadcasts on 7450, 9420, 15630 were cut off at around 0730 on Aug 10. Chaos with the ERT shortwave broadcasts continues. (DX Re Mix News, Bulgaria via Dan Ferguson-SC)

GUATEMALA Great News! SW licence for **Radio Verdad**: Guatemala's Government has granted 20 more years of short wave frequency for Radio Verdad. We shall continue at 4055. Praise God. <http://radioverdadd.org/en/node/331>. (Radio Verdad 23 July via Alan Pennington/British DX Club)

INDIA 4660, **AIR Leh**. During my recent trip to Dehradun, I observed AIR Leh (about 444 kms away) with much better clarity than at my home town Hyderabad (about 1868 kms away). Signals were generally fair to poor. Modulation was much better when songs / music / relays were broadcast, but the modulation was very low when anns were made from studio. On the parallel MW frequency of 1053 the modulation level was observed as OK. (Jacob-India/DX Window)

4810, **AIR Bhopal**, 1700-1742*, Jul 16, Hindi talk, local songs and music, English news bulletin at 1730-1735, 34333. (Dritsas-Greece/DX Window) Also heard at an unusual time of 2123 in the middle of their night, Jul 11, cricket commentary - India vs. Sri Lanka, Dhoni hits winning runs in last over, 45444. (Bell-South Africa/DX Window)

4835, **AIR Gangtok**, -1600*, Jul 20, noted back after some weeks off. Poor reception noted. (Jacob-India/DX Window)

The following stations are not heard in recent times: Imphal on 4775 and 7335. Guwahati on 4940, 7280 and 7420. (Jacob-India/DX Window)

Currently Off the Air: Now-a-days, **AIR Kohima** on 4850, **AIR Imphal** on 4775 and 7335 and **AIR Guwahati** on 4940 and 7280 are off the air. And in recent days, during my several air checks, I didn't find any signal of **AIR Itanagar** on 4990. Let me check again. (Kumar Sharma-India/DX Window)

INDIA (KASHMIR) 4950, 0040-0050, 09.08, **R Kashmir**, Srinagar, Kashmiri ann, Muslim singing at Eid feast. 25222. (Anker Petersen-Denmark/PlayDX)

INDONESIA 3325.00, **RRI Palangkaraya**, 2153-2205, Jul 10, pop songs, 2200 Bahasa Indonesia ann, reading poetry (not relaying Jakarta news!), 35233. (Petersen-Denmark/DX Window)

3344.87, **RRI Ternate**, 1150-1200, Jul 14, the Koran, now in Japan it's easy to hear almost every day, QRM is CW, 33333. (Wagai-Japan/DX Window) Also tentatively heard at 2020, Jul 18 with Muslim prayer. Then into western like music. (Nilsson-Sweden/DX Window)

9680.05, Jul 19, 0914, **RRI Jakarta Indo Pop mx w/M** host at 0914 t/in. Many stn promos w/IDs from 0919-0924 including one w/ments of "life style" and "family" at 0921. More Pops and same M annr. After more promos, audio suddenly dropped out for nearly an hour from 0933:46-1028:12. Resumed w/pgm already in progress. Must have been having technical problems. 19 July. (Dave Valko-PA/SWBulletin)

ISRAEL From Jul 01 no SW transmissions of **Kol Israel** in Persian (Farsi) on Fr/Sa 1400-1500 and Su-Th at 1400-1530 on 13850 and 15760. (Ivanov-Bulgaria/DX Window) That was the last language broadcast from Kol Israel on SW! (Ed/DX Window)

KOREA (NORTH) re: Some North Korean external radio, jamming reportedly off air. Some North Korean external radio, jamming reportedly off air <http://www.northkoreatech.org/2013/07/22/some-north-korean-external-radio-jamming-reportedly-off-air/>. Numerous broadcasts of North Korea's external radio service and some of the country's jamming of foreign radio stations has been off air in the last few days, according to several reports. Voice of Korea, which broadcasts in several languages on shortwave to audiences outside of the country, missed many of its scheduled transmissions on July 20 and July 21. On a typical day the station uses as many as eight transmitters simultaneously to beam its programming around the world, but on July 20 a radio monitor in Bulgaria noted

only had two on the air at any one time. A day later, on July 21, the station had between two and seven transmitters on air simultaneously depending on the time. Voice of Korea has gone through periods in the last few years when it regularly missed some transmissions. The radio station never acknowledged any problems leaving the cause unknown. Speculation has centered around engineering work for the installation of new transmitters or power supply problems. Also on July 20, radio monitors in the U.S. noted the broadcast of South Korea's KBS Hanminjok Bangsong on 6015 shortwave could be clearly heard without jamming. North Korea typically jams this station by broadcasting noise over the top of its signal so listeners in the DPRK cannot hear the programs. (You can read more about North Korean radio jamming in an article I wrote for NK News.) A day later, monitors also noted some of the transmissions of Echo of Hope and Voice of the People, both South Korean government broadcasts aimed at North Korea, were also free of jamming. Monitoring will continue of the next few days. (northkoreatech via Zacharias Liangas-GRC, hcdx July 23/TopNews)

Yes, Bulgarian DX Mix noted also lack of some external sce outlets of **Voice of Korea** yesterday before, so I guess usual use of fine summer season weather advantage to maintain the masts, antennas and feeder lines. Despite in contrast to this procedure as to, I heard 9425 and 9435 VoKOR channels contained the strange sound, two independent foreign languages and jamming sound audio mixture together, the yesterday before. Maybe only summer antenna maintenance work occurred on July 20-22. Regular foreign sces, domestic Korean sce and jamming operation coming from very same locations like Pyongyang and Kujang in P.R.Korea. The people of the "northkoreatech" organization hardly understand the technical aspects. Though on 15245 heard STILL terrible audio mixture of BOTH VoKOR En and French services via Kujang-KRE of // 7210 9875 11635 11910 on same signal level! (Wolfgang Büschel, Germany, wwdxc BC-DX TopNews July 21/23)

KUWAIT Radio Kuwait in Arabic General Service, instead in Tagalog 1000-1200 21580 KBD 500 kW 084 deg to EaAS // 21540 July 27. (DX Mix News, Ivo Ivanov-BUL, via wwdxc BC-DX TopNews July 29)

KYRGYZSTAN 4795, **Kyrgyz R 1**, Krasnaya Rechka, Bishkek, 1730-1800*, Jul 12, Kyrgyz talk, local songs, National Anthem at 1757, low modula-

tion 32222. Better reception on // 4010 (34333). (Dritsas-Greece/DX Window)

5130, **Shortwave Relay Service**, Krasnaya Rechka, Bishkek, 1735-1753, Jul 11, vernacular talk, probably Farsi religious, covered by flute music. At 1753 I lost the signal. 33333. The next few days despite having made many attempts at the same time I still cannot hear the Shortwave Relay Service. (Dritsas-Greece/DX Window) 5130, Jul 15, -1755*, ShortWave Relay Service, Bishkek, 1715-1755*, low signal, very seldom here in Salzburg, religious px, Dave Kenny reports last October that this is Sadaye Zindage, a Christian broadcaster which targets Afghanistan in Pashto and Dari. Patrick Robic mentioned in ADX the link <http://www.sadayezindagi.com>. Another source mentioned last year that TWR is behind this broadcast... Did not find more info, hope for a reply from Info@AfghanRadio.org. (Christoph Ratzler-Austria/SWBulletin)

LIBYA 11600, *R. Libya* 1949 with Quran psalms ID "Radio Libya" then back to Quran with other preacher starting with "allahu Akbar" S9 44544 5945 VoiRI in scheduled Azeri on 2006 with lang that seems between Farsi and Turkish A report with imam in back ground S10 4x423 fast and string fades 6300 pirate 2017 with a song of style 'when a man loves a woman' S3 6265 'gold' 2018 with oldies S5 6110 Fana 2020 OM with typical HoA style singing S7. (Zacharias Liangas-Greece/PlayDX)

MALI 5995.00, 2350-2355*, 08.08, *R Mali*, Kati, Bamako Vernacular ann, Afro pop, abrupt s/off. 43333. QRM from 5990 and 6000. (Anker Petersen-Denmark/PlayDX)

MICRONESIA 4755, Noticed that the *Cross* was still on after 1300 this morning on the high side of 4755. "My name is Martin and I listen to the Cross" at 1330, and then continued with religious music. In the midst of one singing "Jesus" over and over, the carrier cut without the usual double blip code at 1340. Happens from time to time. MUF continues well about 17 MHz at the same time, so plenty to hear, including Saudi Arabia in French on 17660 after 1400 with a very good signal. (Walt Salmaniw-Canada/DXplorer)

NORWAY Northern Star Media in cooperation with Foreningen Bergen Kringkaster has received two test and development licences from the Norwegian Posts and Telecommunications Authority. LKB LLE Bergen Kringkaster will host two stations. One AM/

MW and the other for AM/SW. They are looking for good, reliable (could be used) equipment (not too big in size and preferably with digital/DRM capabilities) at a reasonable price and what total price including shipping to Bergen would be? Must be easy to install, and able to run in automatic mode via remote connection. They are also looking for a 50 watts FM Stereo transmitter preferably with digital/DRM+ capabilities. Offers invited. (Svenn Martinsen, <http://www.northernstar.no>, Facebook, 23 July) Station currently streams online. (Mike Barraclough/British DX Club)

OMAN 9760, *R. Sultanate of Oman*. On prior to 0000 this evening. Usual Big Ben chimes, then ID by M in Arabic, and news headlines. Good, but modulation a little low. 20 July. 9760 R. Sultanate of Oman, at 2359 UT came on the air, usual ToH routine. On 22 July. 9760 0000-0200 UT 28, 39N Thumrait 100kW 315deg Arabic OMA RSO. (Dave Valko-PA-USA, hcdx July 20/22/TopNews)

15140, I have recently been monitoring the English broadcast of *Radio Sultanate of Oman* at 1400-1500. The programming consists of a simulcast with 90.4 FM The Nation's Station. Reception is very strong which makes me believe that they have installed a new transmitter. After 15.00 they continue in Arabic until at least 2200. (Christer Brunström-Sweden/SWBulletin) 15140, 1420-, Radio Sultanate of Oman Jul 21 Very good reception this morning of the English program at 14:21 tune-in, compared to very marginal yesterday. 90.4 FM, the Nation's Station ID, announcing a spiritual program during Ramadan. News at 14:30 until 14:38, with next news at 10:00 PM. Followed by PSA: Since July 23, 1973, the architect of modern Oman, the Sultan. 43rd Oman renaissance day. Then requesting donations to the needy of Oman during Ramadan. Rechecking at 14:50, a sermon about Allah. Into Arabic at 15:00. Rechecked at 15:33, and is even stronger at S9+10 signal at times. Very nice. (Salmaniw, Masset, BC/DXplorer)

PAKISTAN 15235, Urdu sce of *R Pakistan* Islamabad annoying with totally distorted audio quality in 1330-1530 slot, S=7 in Germany at 1350 July 27. (Wolfgang Büschel, Germany, wwdxc BC-DX TopNews July 27)

15490, 0054-, *Radio Pakistan* Jul 20 Poor to fair reception in presumed Urdu, with an S2 to S3 signal only. This would simply be impossible to hear at home with the higher noise floor, that I'm mea-

suring around -125 dB. Mostly Quran chants, but into talk at 00:56. Nothing heard on 17710 which might be the // frequency. (Salmaniw, Masset, BC/DXplorer)

PAPUA NEW GUINEA I have just returned from 8 days in Port Douglas and as always when I am there, I had a listen to how the PNG radio scene is. I only heard 5 stations this time, two barely and three, not bad. In the past PNG stations have usually been strong and clear! The very weak ones were **Radio Sandaun** 3205 and **Madang** 3260. They were barely audible. I only heard them twice - just! The other three were **NBC Buka**, 3235, **Milne Bay** 3365 and **East New Britain**, 3385. They were the strongest stations, but still not very strong. All of the above were heard during the local evening, but in the local morning only 3365 and 3385 were heard. I also heard what I can only think was **RRI Ternate-INS**, 3345 at around 1955 on 17 & 18 July, in Indonesian with Muslim chanting. It must be an early sign on for Ramadan. I don't know when they signed on, but I was awake early at 5.55 am local time and I wasn't interested in checking when this transmission actually started! I also noted Vietnam VoVTN1 home service on 11720 from Son Tay 100 kW 187degr, apparently signing on around 2250. It is listed as a 24 hour transmission {in WRTH} but it seemed to appear between 2247 and 2252 on 18 July. They have an interval signal of chimes at 2258 and then a long News bulletin follows. (Barry Hartley-NZL, on holiday tour to Queensland-AUS, wwdxc BC-DX TopNews July 22/TopNews)

3204.968, 1132-, **NBC Sandaun** Jul 20 A pretty strong NBC Sandaun with Tok Pisin. Other band-scan of 90 minutes show: 3215: ? a harmonic of a North American station with American or Canadian accented English. 3219.901 weak signal, with barely audible music, or an open carrier. ?**Radio Morobe**? or the North Korean. 3249.997 good reception from **Voice of Korea** in Japanese. 3259.998 **NBC Radio Madang**: quite good reception with Tok Pisin announcements. 3320 North Korea at fair/good level. 3325 **RRI Palangkaraya** with Indonesian music at very good level. 3344.87: pretty strong OC: ?**RRI Ternate**, or **NBC Northern**? I suspect it's the RRI. (I rechecked at 12:25, and the RRI is back with EZL music). 3365: **NBC Milne Bay** at fair level. 3385 **NBC E. New Britain** at good level. (Salmaniw, Masset, BC/DXplorer)

3874.6v, Unidentified (possibly NBC) outlet here, first noted at 1057 with talk by a man, seemingly

in English and with (I thought) references to "PNG. Then into ads or similar prior to 1100, brief techno (dance) music and unmistakable NBC news theme at 1101 (checked against WWVH). I say "possible NBC outlet" because I presume someone else could relay the news (which was in // to the news on much stronger 3385 NBC East New Britain). Warbly, weak and unstable transmitter, measured drifting down to .57-ish. (Am also thinking whether this may be some sort of back-up feed from Port Moresby, to outlying stations?) 9/8. (David Sharp-Australia/ARDXC via Jerry Berg/DXplorer) Heard well over the past week from Darwin, good level & also noted running //3385 at around 1930 with morning program. (Craig Seager-Australia/ARDXC)

3905, Jul 19, 1900, Low signal on 3905 since around 1900, reactivated New Ireland? (Christoph Ratzer-Austria/SWBulletin) 3905, Jul 19, 1930, The tent R New Ireland also noted here, weak, per mail tip from Christoph Ratzer a few minutes earlier. Also checked 3205 but nothing noted for a very, very long time on that frequency at this time (19-2030). (Thomas Nilsson-Sweden/SWBulletin) 3905, **NBC New Ireland** off the air Jul 25, 28 and 31. Probably only reactivated to provide coverage of "New Ireland Day"; Jul 24 was heard at 1313 with decent reception. Their last day? Only broadcast for eight consecutive days! (Howard-CA/DX Window)

PERÚ 4824.48, **R. La Voz de la Selva**, Iquitos 1140-1200 on Jul 24, tks about security issues in Iquitos. Very low sigs, better hrd in LSB, advs. Apparently using very low pwr, and I guess not due to propagation condx, since R. Ondas del Sur Orienta comes w/ very good sigs. 22222. (Pedro F. Arrunátegui-Perú/DXplorer)

4835.00, **R. Ondas del Oriente**, Quillabamba, 1206-1235 on Jul 24, ID: "Ondas del Sur Oriente", nx "estamos a pocas horas de inaugurar la VI Expo Feria de la Comunidad por los 156 años de la creación de la provincia". Px: "Libre de Opinión a través de Radio Ondas del Sur Oriente", nx: "Hoy se reúne el pleno del congreso elegir a los nuevos miembros del Tribunal Constitucional", ID "Ondas del Sur Oriente, primero en la noticia". 44444. (Pedro F. Arrunátegui-Perú/DXplorer)

4955.00, 2305-2315, 26.07, **R Cultural Amauta**, Huanta Spanish talk. 25222. (Anker Petersen-DNK/PlayDX)

5980.02, 0025-0040, 24.07, **R Chaski**, Urubamba, Cusco, Spanish animated talk, orchestral music.

355... Peteresen-DNK/PlayDX) 5980.02, 2320-0010, 26 and 28.07, R Chaski, Urubamba, Cusco Spanish talk, orchestral music, 0000 fanfare, ann, hymn. 35232. (Anker Petersen-DNK/PlayDX)

6173.94, 0005-0025, 28.07, **R. Tawantinsuyo**, Cusco Spanish talk and music. 24232. (Anker Petersen-DNK/PlayDX) 6173.90, R. Tawantinsuyo, Cusco, 1135-1205 on Jul 10, px: "El Informativo Túpac de Camarú", nx, bilingual in SP and Quechua. ID: "Esta usted escuchando, Radio Tawantinsuyo, a través de los 1190 kHz, onda media, 70 metros onda tropical y 49 metros onda corta y 91.3 MHz FM". Folk mx: huayno. ID "Radio Tawantinsuyo llevando al música folclórica a los lugares más apartados del Perú", another one: "En mes de la patria, trasmite Radio Tawantinsuyo, en el corazón del pueblo". 44444. (Pedro F. Arrunátegui-Perú/DXplorer) 6174a, 0256, Radio Tawantinsuyo w/folk songs 23/6 on measured 6173.93 till clobbered by WHRI 6175 opening at 0258 to relay Voice of Vietnam. Peru also noted on this distinctive freq at 1043, LSB mode to avoid strong Chinese on 6175. (Brian Clark-New Zealand/NZDXTimes)

PHILIPPINES 17820, 0210-, **Radio Pilipinas** Aug 4 Good reception with English news as pertains to the Philippines. Parallel 15285 much weaker. My listed 11880 not heard at all. Followed by a snippet about a Philippine scientist. ID at 02:12. (Salmaniw, Masset, BC/DXplorer)

RWANDA Frequency changes of **Deutsche Welle**, Kigali effective from August 1:

0400-0500 NF9810* English, ex 12045
1900-2000 NF7340 English, ex 15275
(DX MIX News, Ivo Ivanov-BUL, via wwdxc BC-DX TopNews July 29)

SAUDI ARABIA On August 7-12 no signal from **BSKSA** on 17785/15250:

0800-0957 on 17785 French Radio Riyadh
1000-1227 on 15250 English Radio Jeddah
(DX Re Mix News, Bulgaria via Dan Ferguson-SC)

SOLOMON ISLANDS 5019.89, Jul 18 @ 1946, Most likely the first sign of **SIBC** here. Very weak carrier and marginal audio. In a mail conversation with Christoph Ratzer he also says he has a carrier on 5019.89 at 1846z, too weak for any audio yet. (Thomas Nilsson-Sweden/SWBulletin) 5020, SIBC verified with a full data personal letter from

Patrick Tibaua, Manager Technical (P. O. Box 654, Honiara, Solomon Islands; e-mail: ptibaua@sibc.com.sb) listing pwer as 5 KW with signal aimed to the Far East and west scattered islands. Patrick noted that the Solomon Islands are made up so many scattered and remote islands. The medium wave signal is aimed at the surrounding islands close to Guadalcanal where Honiara and the SIBC station is located. He says radio is the only means of information for their rural listeners. (Christoph Ratzer-Austria/SWBulletin) Appears to have taken about 6-7 months - RAD

SOMALIA 7120, **Radio Hargesya**, QSL-card, 8 days, address: Radio Hargeisa, C/o Konsularische Vertretung of the Republic of Somaliland, Zedernweg 6, DE-50127 Berghheim, (Germany). Sent 2\$. (Alvaro López Osuna-Spain/PlayDX)

SOUTH AFRICA A-13 schedule of **SA Radio League**:

0800-0900 7205 English Sun
0800-0900 17660 English Sun, not 17570
1630-1730 3230 English Mon

A-13 schedule of Radio Sonder Grense:

0500-0755 7285 Afrikaans
0800-1755 9650 Afrikaans
1800-0455 3320 Afrikaans
(DX MIX News, Ivo Ivanov-BUL, via wwdxc BC-DX TopNews)

7285, 0456, **Sonde Grense** SABC domestic Afrikaans Service hrd exceptionally well some days in late June, eg 22/6. News at 0500 followed by weather forecast for Southern Africa, including Namibia and Swaziland. (Brian Clark-New Zealand/NZDXTimes)

SPAIN 9660, 10 August at 2130 tune-in and **REE** English missing at their scheduled Saturday (and Sunday) time. Instead REE is in Spanish on this frequency, in parallel with stronger 7275. (Alan Roe-UK)

SRI LANKA The **SLBC** broadcast from 0112-0330 on 11905 was monitored from 13-21 July and observed with programming in English by different US Evangelist Churches on Tuesdays, Thursdays and Sundays at 0230-0300; Saturdays and Sundays also at 0300-0329. There are also religious programmes in Hindi (?) and Tamil (?), but mainly music. Often the connection is out and there is only a carrier during the times of programmes in English. (Rumen Pankov/British DX Club)

11750, **Sri Lanka Broadcasting Corporation**, Trincomalee (125 kW / 345 degrees) is broadcasting a program on different days in different weeks of the month at 1630-1830 in Sinhala to South Asia: Mo/Tu/Th/Sa heard on Jul 22, 23, 25 and 27, and on Tu/We/Fr/Sa heard on Jul 30, 31 and Aug 02 and 03. (Ivanov-Bulgaria/DX Window)

SUDAN 9505, Jul 18, 1720, **The Voice of Africa** (Sudan Radio) med en intervju på franska. Kl. 1730 byter man till engelska. Flera annonseringar som The Voice of Africa. Märkligt nog flera långa tysta pauser i sändningen. Musiken låter inte arabisk utan snarare påminner den om somalisk musik. (Christer Brunström-Sweden/SWBulletin)

SURINAME 4990, 0600, **Radio Apinte** poor with uninterrupted pop songs eg Bobby Vinton till covered by splatter from Radio Brasil Central 4985 opening at 0609 27/6. (Brian Clark-New Zealand/NZDXTimes)

TAIWAN Ampegon has received the third part of an ongoing contract by **RTI Radio Taiwan International** to upgrade two radio transmission sites in Taiwan. In cooperation with the local partner Techway Engineering Ltd, Ampegon will manufacture, install and commission a total of ten 300 kW DRM shortwave transmitters and twelve rigid dipole broadcast antennas HR2/2/0.3 securing low and efficient maintenance works. (Alokesh Gupta-India/PlayDX)

PCJ Radio International will continue to broadcast on SW:

1330-1430 on 11835 English only on Sunday. On August 4 there will be a special "Happy Station Show" that will come from the VOA studio in Washington DC. There will be no PCJ transmission on August 11, 18 and 25. The next broadcast will be on September 1, 2013. (DX Re Mix News, Bulgaria via Dan Ferguson-SC)

UGANDA **Uganda Radio** broadcasts on 7195: In spite of complaints to the Uganda and Kenya Communications Commissions what appears to be Uganda Radio continues to broadcast daily from around 0445 until after 1130, using English, Luganda and Swahili languages, with good world news items, music and Koran recitations. The signal is not too strong in Nairobi, much weaker than Radio Hargeisha on 7120, but is clearly audible and does not appear to be a spurious emission. It would be appreciated if I could receive any reports from your area to support our complaints to CCK and UCC.

(Ted 5Z4NU, ARSK Nairobi via intruderalert_iaru-r1.org ng, via df5sx June 24) Kampala Uganda Radio broadcasts on 7195: I can detect the carrier here in (my) evenings, but that is about all. Unfortunately, I have a G7D sort of signal on 7197 that appears to operate 24 x 7, so not easy to hear under it. (John Kirk-AUS VK4TJ QG52xi via intruderalert_iaru-r1.org ng, June 24). All via TopNews.

4976, **UBC Radio**, Kampala, 0420, Jul 13, male and female chat in English/vernacular, music clips, 25332. (Bell-South Africa/DX Window) Also heard at 1850-1930 and 2051-2204, Jul 12, 13, 14 and 15, English news, political comments, western songs, ID's "Radio UBC" and "Radio Uganda", vernacular songs, 34333. (Dritsas-Greece, Méndez-Spain and Petersen-Denmark/DX Window)

URUGUAY Current status of SW in Uruguay: The current scene for Shortwave broadcasting in Uruguay is still painful, as it has been for most of its history. Monitoring indicates that there are no active stations at the present time. The unofficial 5900v **Em. Chaná**, from Tacuarembó disappeared several months ago, after the closure of the FM Community station that was its main enterprise. As a matter of fact it was one of thirteen communitarian low power stations that were closed in that department in late 2012, by telecom authorities. The SW outlets for **Radiodifusión Nacional del Uruguay** (the National Broadcaster which is next to abandon its historic denomination of SODRE) have been inactive for a long time. The last was CXA4 on 6125, but after they exhausted their stock of tubes, even the ones donated by its own officials, they have dropped broadcasts. The current transmitters, built by the technicians, use 4 "813" tubes each. Technically any valve can be adjusted similar to the 813, 4/400, 4/1000, 3/500Z, etc... There is even fairly cheap Russian or Chinese in the market. The problem is that for a regime of continuous service that set of 4 tubes lasts only for about six months. A project for a solid state transmitter has been considered, but it has no funding to build it. **Radio Sport 890 / Radio Sarandi** in 6045, keeps the transmitter under the same parameters. The problem is currently in the antenna and they expect the tower man "Any time to undergo into repair," said the technical manager, to our request. Both **Universo** 6055 (CWA148, Castillos) and **LV de Artigas**, CXA3 on 6075 (heard last summer), remain irregular and have not been monitored in the region lately. 6155 **Banda Oriental**, dormant for years, certainly does not operate this channel due

to high power consumption bill that means to their owners along with its MW. It is certainly not easy the economic situation for these stations. Similarly occurs for 6010/9650 **Em. Ciudad de Montevideo Oriental** on 11735 and 9595 **Monte Carlo**, directly said, should not hold any interest at the time, and since the end of their broadcasts many years ago, despite they keep being listed in the WRTH for they still keep these transmitters in their sites, though muted. In conclusion, the only one that could be reactivated soon appears to be 6045 Sport 890/ Sarandi. (Horacio Nigro-Uruguay/DXplorer)

5980.2v, 0.05nominal, **Em. Chaná**, Tacuarembó: 24h. DXer Ernesto Paulero, in Buenos Aires has just has hrd them (Aug 9, 2013) according to reports in Condiglist YG, so I immediately called by telephone to the station owner, Mr. Omar Lima, CX60L, who confirms that the station has been again on the air since 15 days ago, and is now running 24h, with 30 W, (nominal 50W), AM, with no xtal (thus the variability/instability of fq reported last year). Antenna is very low (4 meters above ground, but he plans to raise it to 15 m height. He also tells this has been corrected in some way, and there's no so strong deviation in fq. This is confirmed today by further monitoring. Asked about its permission and closure for the FM, he stated that he was never notified or visited by telecom authorities and he has been always normally operating on FM. (This is rather weird... or the telecom didn't work effectively or the press info was not 100% correct). The SW had been off air for about six months, but is now reactivated. Email is: <emisorachanatacuarembó@hotmail.com>. No printed or electronic QSL right now, but he has already answered via email to the reports made by Mr. Paulero and myself. (Horacio Nigro-Uruguay/DXplorer)

USA New schedule of **WRMI Radio Miami International** effective from July 22

1000-0500 on 9955 various stations / programs
0500-1000 on 9955 cancelled from SW, Internet
(DX Re Mix News, Bulgaria via Dan Ferguson-SC)

ZAMBIA 5914.923, Jul 14, 2130, **ZNBC Radio One** always here but this day quite weak. (Thomas Nilsson-Sweden/SWBulletin) 5915, 0459, Lusaka with distinctive bird call tuning signal then EE ident & news "This is the Zambia Broadcasting.... Zambia.." Poor level 27/6 and muffled audio but semi-regular from fade in around 0430. Also traced here at 2000 past 2100. (Brian Clark-New Zealand/NZDXTimes)

ZANZIBAR 6015, Jul 19, *0255-, **ZBC Radio**. On with pop African songs (assume Spice FM intro); pips; different format for Ramadan; greatly expanded segment of reciting from the Qur'an; 0330-0340 talking; 6 possible ad or promo; 0341-0359 series of reports from different persons (some excited reports suggesting sports related?); 0359 usual drums theme music; 5 + 1 pips and into the news; one of their better receptions; several references to "Zanzibar". (Ron Howard-CA/SWBulletin) 6015, 0354, ZBC best hrd 22/6 from daily monitoring 19-30 June. Distinctive drumming and time pips on the hour then Swahili news w/many mentions of Zanzibar and Tanzania. Usually tough reception prior 0400 when strong CRI via Albania in CC closes. Followed past 0430 some days, but occasionally missing altogether. Sometimes ids as "ZBC". (Brian Clark-New Zealand/NZDXTimes)

UNIDENTIFIED 4709.99, Jul 18, 0955, UNID. 0955 song that sounded like a Ranchera. 1001 generic LA song w/booming vcl by M. Faded really quickly after that. 18 July. (Dave Valko-PA/SWBulletin) This carrier also noted here at my location almost every night. Weak at 2300 getting stronger gradually until a peak at 02-0300. Despite a decent strength no audio heard. Very similar to the carrier on 4957.9 (Thomas Nilsson-Sweden/SWBulletin) 4709.99, Jul 19, 0706, UNID. This was already on at 0706 when I woke up. Without doubt this is stronger using the Wellbrook, contrary to what I thought at first. Not visible in the evenings either. Hrd daily and first hrd on the 16th. Not San Miguel or Yura. Not Suroriente as it doesn't come on until around 0945. I can't figure this one out. Being on so early suggests a ZY. But it doesn't fade out till after 1000 which indicates western S.A. And I get ZYs better on the Delta Loop, but this is better on the Wellbrook. 19 July. (Dave Valko-PA/SWBulletin)

MONITORING TIMES After 33 years of service to the radio community, Monitoring Times will cease publication with the December, 2013 issue. (Bill Patalon-Maryland)

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



Pirate Radio Report

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

Greetings and welcome to the September pirate report. Activity levels in August were good and very good on Friday nights.

A few highlights this month would include the reemergence of Hit Parade Radio (last heard in the 1996 time frame) and Radio Marlene who was very active back in 2009. It was nice to hear them both back on the air.

Blue Ocean Radio, 13875 USB, 1858-1902, 08-23-13. SIO: 222 Per tip on HF Underground heard BOR testing here With blues music. [Lobdell-MA]

BOR-Blue Ocean Radio, 6935 USB, 0717-0750+, 08-25-13 SIO: 333 Nice blues, fiddle, country tunes by Hank Williams, Buddy Guy, etc. New email is: oceanblueradio@gmail.com. [Lobdell-MA]

Blue Ocean Radio, 6930, 0126, 8/24/13. Very weak music and un intelligible talk. ID from HF Underground. Poor. (Taylor-WI)

Captain Morgan, 6925 AM, 0131-0150*, 08-26-13, SIO: 343 Nice selections of blues tunes, frequent ID and email address info. [Lobdell-MA]

Captain Morgan, 6924 AM, 0250-0315+, 08-10-13 SIO: 343 Blues music by Jimmy Morello, John Campbell, and Joules Holland. IDs and email address given. [Lobdell-MA]

Captain Morgan, 6925 AM, 0135-0145, 08-26-13, His usual selection of awesome blue tunes! [Rohde-OH]

Eccentric Radio, 6925 USB PIRATE (No. Am.) , 0535, 8/24/13. Doc Watson, other Delta blues, gospel. Pulled the plug at 0607 before an ID, so ID is from HF Underground. Fair. (Taylor-WI)

Echo 1, 6949.5, 0112, 8/24/13. Music, 0219 ID then dropping in and out of static floor. Weak. (Taylor-WI).

Echo 1, 6949.5, 0211-0247*, 8/24/13. Interesting music tonight. Id 0231, mentioned Pirates for Peace. Audio gone 0245, carrier gone 0247. [Rohde-OH]

Hit Parade Radio, 6.950, 0007-0115, 8-24-2013, playing great music, "The Great Divide", "Best day of my Life" off 0115. [Rohde-OH]

PPVR, 6925 USB, 0254-0258, 08-06-13 SIO: 121, Couple of "Pee Pee Vagina" IDs, instrumental music. [Lobdell-MA].

Radio Marlene, 6925 USB , 0021, 8/25/13. 0023 ID, music, 0040 SSTV & off. (Taylor-WI)

Radio Free Whatever, 6945 AM, 0056-0212*, 08-22-13 SIO: 343 DJ Dick Weed play New Age mx, songs by Peter Namlook, Osolulu, Holmes Ives. Off with the usual whispered ID. [Lobdell-MA]

Radio Free Whatever, 6945 AM, 0104-0206*, 08-09-13 SIO: 444 Old Jack Benny radio shows, vintage Ads for Mr. Clean, Doublemint Gum. IDs by Steven and Dick Weed. [Lobdell-MA]

Radio Free Whatever, 6945 AM, 0216-0252+, 08-11-13. SIO: 343 Tunes by artists DJ Kool, George Clinton-Ice Cube, MC Hammer, P.M. Dawn, Genesis. Dick Weed with chatter, IDs. [Lobdell-MA]

Radio Ga Ga, 6925 USB, 2358-0007*, 08-08/9-13 SIO: 232 Pop tunes, ID just prior to sign off. [Lobdell-MA], [Rohde-OH]

Radio Marlene, 6.925u, 0020, 8-25-2013, "Hazy Shade of Winter" Lady Gaga, Pat Benatar. [Rohde-OH]

Radio Ronin Shortwave, 6.975, 2300, 8-22-2013 [Rohde-OH]

Radio Snasuges International, 6925 USB, 0053, 8/25/13. SSTV, man and woman with ID, off. (Taylor-WI)

Radio Snasuges International, 6930U, 0053, 8/24/13. S-8 but a tough copy. IDs at 0002 and 0003, Then SSTV of a Sanausages package. [Rohde-OH]

Rave On Radio, 6925 USB, 0123-0149*, 08-19-13 SIO: 232 Rock tunes by Talking Heads, IDs, Email address before close down [Lobdell-MA]

Red Mercury Labs, 6935 USB, 0245-0345*, 08-20-13 SIO: 333 Tunes by Cars, Greenday, Johnny Cash, Deep Purple. There was a break in transmission around 0300. [Lobdell-MA]

Red Mercury Labs, 6935 PIRATE (No. Am.), 0220, 8/14/13. Rock with no talk between songs until 0250 when Op. came on with ID, talk and reading the HF Underground reports (including mine.) more music, until 0305 with another ID, frequency and segment of talk. Fair. (Taylor-WI)

The Crystal Ship Relay Service, 6925, 0331-0341*, 8-21-13 SIO: 343. Noted a couple of tunes By The Comsat Angels and Wang Chung, ID, then off. [Lobdell-MA]

The Crystal Ship Relay Service-The Crystal Ship, 6950 AM, 0208-0313+, 08-19-13 SIO: 343 Tunes by April Wine, Jefferson Starship, Nirvana. [Lobdell-MA]

Toynbee Radio, 6.950, 0111*-0117*, 8-19-2013, 25232, A very short broadcast! [Rohde-OH]

Undercover Radio, 6925 USB, 0223-0259*, SIO: 555 Dr. Benway with relay of KIPM's "The Accursed Galaxy". The story about an object That arrives from outer space and how to open it and what happens when it is opened. Classic KIPM. Bodacious Signal. [Lobdell-MA]

Undercover Radio, 6925 USB, 0203, Dr. Benway KIPM's "The Accursed Galaxy". The story about an object. Another very classic example of The Dr. being one of the great story tellers of our Time! [Rohde-OH]

Wolverine Radio, 6945, 0114, 8/25/13. On with a program touring cities in song. 0120 ID and every 3rd song thereafter. Great signal and audio. (Taylor-WI)

Non North American

NEW ZEALAND, Radio Totse, 6925 USB, 1048-1115, 08-25-13. SIO: 141 Tuned in to SSTV image, then ID, into music. Very weak, not as good as 08-11-13 reception. [Lobdell-MA]

NEW ZEALAND, Radio Totse, 6925 USB, 0942- 1100, 08-11-13 Rock music, frequent IDs, a couple of SSTV images, IDed one song "The Joker & The Thief" By Wolfmother at 1024 UTC. Email is radiototse@gmail.com. Log on the HFUnderground brought full data eQSL in 16 hours from operator Dak, who says he is located in the central part of the North Island in NZ. Power 100 watts. [Lobdell-MA]

QSLs

Radio Totse- E-QSL [Rohde-OH]

Radio Toynbee- E-QSL [Rohde-OH]

Hit Parade Radio via snail mail [Rohde-OH]

Voice of Bacon e-QSL [Rohde-OH] 

Contribute!

Send your loggings and QSL information off to our Distributing Editor, **Steve Handler** (Address: Steve Handler, 113 McHenry Rd #178, Buffalo Grove IL 60089-1796). He will forward them to the appropriate editor. Remember, Steve also distributes QSL report information and totals for the **Scoreboard** column. He can also be reached through the Internet at: handlersmail-naswa@yahoo.com.

QSL Report

Sam Barto • 78 Blakeman Road • Thomaston, CT 06787



BANGLADESH: Bangladesh Betar 15505 The station verified w/ a ltr. and a f/d "Two women are carrying a bundle of straw for the aim of fueling" cd. in 103 ds. v/s Abu Tabib Md. Zia Hasan, Senior Engineer at the Research and Receiving Centre. The ltr. indicated that 7250 kHz is also in use and invited future reception rpts. (D'Angelo-PA).

CHINA, PEOPLE'S REPUBLIC OF: China Radio International 17490 f/d "Great Family of the Chinese Nation - **BBC** person in traditional costume from the Shui ethnic minority group" cd. in 37 ds. (Roe-UK).

ECUADOR: Radio Oriental 4781 long f/d "Confiere El Certificado de Sintonia" logo cd. w/ personal ltr. and a station sticker from v/s Luis Enrique Espin Espinosa, Gerente General in 130 ds. Apparently the station is Facebook (www.facebook.com/radioprientea) and Twitter (<https://twitter.com/radiooriental>) friendly. (D'Angelo-PA).

BBC
WORLD
SERVICE

STATION NOTES: Digital Radio 6296 Email: digit al48@hotmail.com **Special Seamen Christmas Messages** 11965 / 9850 via Wertachtal and 11720 via Nauen Email: technik@ndr.de **Space Shuttle Radio** 15880 Email: spaceshuttleradio

@yahoo.com **Iceman Shortwave** 6045 Email: icemanshortwave@gmail.com **La Voix du Soudan** 9505 Addr: Radio Omdurman, French Service, P.O. Box 1094, Omdurman, Sudan v/s Adam Bakhit Bushara Email: bakhit02bb

@yahoo.com **Trans World Radio India** 11725 via Tashkent v/s Franklin Abraham, QSL Manager. Email: fabraham@TWRindia.org **Adventist World Radio Wavescan DX Program** 15255 via **Sri Lanka** v/s Salahuddin Dolar, QSL Manager Email: dx bangla@gmail.com ...via PLAY DX.

ENGLAND: KBS World Radio 3955 via **Woofferton QSL** cd. rcvd. in 17 ds. for an online rpt. The cd. celebrates

October 30, 2011

QSL

6925 usb
2145-2204 utc

Pumpkin Patch Radio

Scoreboard

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

This month we are highlighting our members' totals from South America. Ranking is based upon South American Countries Verified. This is your chance to show everyone how well you are doing. The next deadline is February 15th for the March 2014 issue of the Journal. The spotlight will be on Oceania.

| Name, State | Total | | S. America Best South America QSL | | |
|--------------------------|-------|-----|-----------------------------------|-----|--------------------------------|
| | C/H | C/V | C/H | C/V | |
| Edward Kusalik, ALB | 250 | 249 | 15 | 15 | FIBS Falkland Islands 3958 |
| Marlin Field, MI | 246 | 246 | 15 | 15 | R. Apintie 4794 kHz (50 w.) |
| Jerry Berg, MA | 244 | 244 | 15 | 15 | R. Triunfal Evangelica (50 w.) |
| Harold Cones, VA | 234 | 232 | 15 | 15 | HCJB (100 w.) |
| Tom Williamson, ON | 243 | 230 | 15 | 15 | Falkland Is. |
| Steven R. Lare, MI | 239 | 225 | 15 | 15 | Falkland Is. |
| Chris Lobdell, MA | 229 | 225 | 15 | 15 | Radio La Merced-Tongod-Peru |
| Sheryl Paszkiewicz, WI | 225 | 219 | 15 | 15 | Falkland Is. |
| Ron Howard, CA | 212 | 200 | 15 | 15 | R. Patagonia |
| Stephen Leite, MA | 210 | 197 | 15 | 15 | Falkland Is. |
| Dan Henderson, MD | 235 | 191 | 15 | 15 | La Voz de Eco Martinez |
| Rich D'Angelo, PA | 225 | 223 | 15 | 14 | La Voz de Galapagos |
| Wendel Craighead, KS | 235 | 222 | 15 | 14 | Radio Apintie |
| Paul Buer, FL | 219 | 208 | 14 | 14 | R. Apintie (50 w.) |
| Jim Evans, TN | 213 | 203 | 15 | 14 | La Voz de Galapagos |
| Christos Rigas, IL | 217 | 198 | 14 | 14 | Falkland Is. |
| Jerry Klinck, NY | 220 | 202 | 13 | 13 | R. Naylamp |
| George Maroti, NY | 206 | 200 | 13 | 13 | R. America, Paraguay |
| Ross Comeau, MA | 193 | 172 | 13 | 13 | R. Apintie |
| James R. Renfrew, NY | 189 | 161 | 14 | 13 | R. El Espectador, Uruguay |
| Jerry Johnston, KY | 210 | 141 | 15 | 13 | R. Apintie (50w.) |
| Stephen Price, PA | 198 | 183 | 13 | 12 | R. Guyana |
| Bill Smith, MA | 182 | 174 | 12 | 12 | Radio Sarandi |
| Allan R. Loudell, DE | 192 | 167 | 12 | 11 | SRS & R. Apintie, Surinam |
| Paul Brouillette, IL | 148 | 121 | 12 | 11 | R. Guetapuri, Colombia |
| Scott C. Newman, IN | 148 | 113 | 13 | 11 | R. El Espectador, Uruguay |
| Mark Humenyk, ON | 169 | 148 | 13 | 10 | HCJB |
| George L. Glotzbach, MN | 154 | 136 | 11 | 10 | R. Cancão Nova, Brazil |
| Richard E. Lawrenson, RI | 145 | 129 | 11 | 10 | R. Demerara, Br. Guiana |
| Gary R. Neal, MD | 137 | 127 | 11 | 10 | HCJB 21455 kHz (500 w.) |
| Dan Srebnick, NJ | 156 | 121 | 13 | 10 | HCJB (100 w.) |
| Jilly Dybka, TN | 145 | 108 | 11 | 10 | R. Rumbos |
| Bob Raymond, NH | 175 | 150 | 13 | 9 | R. Santa Cruz, Bolivia |
| Doug Tilley, WA | 117 | 89 | 11 | 9 | R. Nac. de Paraguay |
| Joe Kremer, OH | 153 | 104 | 12 | 7 | R. Paraguay |
| Scott R. Barbour, NH | 168 | 115 | 12 | 6 | VO Guyana |
| Edward G. Stroh, IL | 135 | 104 | 11 | 6 | RAE, Argentina |
| Ken McCartney, OH | 125 | 73 | 7 | 4 | HCJB 1947 1st QSL |
| Gary W. Froemming, AZ | 184 | 44 | 15 | 4 | CBV Time Station, Chile |
| Don Jensen, WI | 256 | 256 | | | |
| James W. Young, CA | 253 | 239 | | | |
| Alex Vranes, Jr. WV | 226 | 216 | | | |
| Dan Robinson, MD | 230 | 196 | | | |
| Richard Bradley, MA | 145 | 130 | | | |
| Larry Colton, FL | 154 | 125 | | | |
| David Turnick, PA | 140 | 120 | | | |
| John Mosman, WI | 120 | 120 | | | |
| Jerry Ervine, TX | 110 | 60 | | | |

Contributors' Page

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DEADLINE FOR CONTRIBUTIONS IS THE 10th OF THE MONTH

The following members sent in contributions:

Scott R. BARBOUR Jr., Intervale, NH
Rich BARTON, El Mirage, AZ
Bob BROSELL, WI
Rich D'ANGELO, Wyomissing, PA
John & Sandra DAVIS, Johnstown, OH
Jim EVANS, Germantown, TN
Glenn HAUSER, Enid, OK
William McGUIRE, Cheverly, MD
Mike NIKOLICH, Lake Barrington, IL
Richard PARKER, Pennsburg, PA
Chuck RIPPEL, Chesapeake, VA
Alan ROE, Teddington, UK
Mark TAYLOR, Madison, WI
Dave TURNICK, Sinking Spring, PA
Robert WILKNER, Cedar Key, FL

NRD545, MLB-1, 200' Beverages, 60m dipole
HQ-200, HQ-120X, SP-600, R8, PL-660, Grundig 750
NRD-545, Eton E1, Sony ICF SW 77
RX340, E1, E5 DX Sloper, Mini-Wind, FL3, ANC4
Mackay 5050A, the 435' long wire antenna
RX340, R75, E1, ICF-SW7600G, G6, 90' lw, 100m loop
FRG-7, YB400, SW-07, ATS-909, lw
DX-380
NRD-515, Perseus, TS450AT, ALA1530AL-2, AD Sloper
51S-1-X, R390A, SE3, FT-840, ant. farm
WinRadio G33DDC and R390A
Eton Satellit 750 with 10 meter long indoor wire
Perseus, Winradio g313e, E1, Sat 800, 40m dipole
RX340, WinRadio, Alpha Delta DX sloper
NRD545, 535D, R8, IC746Pro, E1 Sat 800, Flex EWE

As we head into fall the DXing band conditions will be changing with the B-2013 broadcasting season starting in October.

73 and Good DX to all- Steve Handler



2000-5900 kHz

Tropical Band Loggings

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

- 2325 AUSTRALIA VL8T Tennant Creek 1203 Mx sounds same as on stronger 2485; jazz singer peaking S9+12 & also same as on strongest 4835; all three VL8 NT stns; 8/8. (Hauser-OK)
- 2485 AUSTRALIA VL8K Katherine 1030-1110 Audio peaking after 1105; 7/19 & 8/3. (Wilkner-FL)
- 3260 PNG R. Madang Madang 1202 (P); Talk modulation audible; after others including 3385 & 3205 have gone off; 8/8. (Hauser-OK)
- 3310 BOLIVIA R. Mosoj Chaski Cochabamba 1016-1030 Appears to have returned; W ancr noted; alas tuned in late for Bolivia; 7/28 & 8/1. (Wilkner-FL)
- 3375.1 BRASIL R. Municipal São Gabriel da Cachoeira 0925-1000 Locutor em Português w/ mx; also heard regularly 0000; 7/11-12. (Wilkner-FL)
- 3385 PNG-NEW BRITAIN TERRITORY R. East New Britain Rabual 1153 Since I awaken before 1200; I hasten to check the trop bands for Asia: on 60m, nothing much but China on 4940, weak Indonesia on 4750; then to 90m, where at 1153 I am pleased to find the SSOB is also the best sig in a long time from PNG on 3385; S9+20 playing tune resembling "Alouette"; Tok Pisin; 1155 ments "ten o'clock" which is imminent lclly; more mx; 1200 ancrnt is cut off the air at 1200.5; 8/5. (Hauser-OK) 1057-1115 M & W ancrs in Tok Pisin; several IDs at ToH; nxcast & community ancrnt; back to mx at 1105; getting stronger & carriers noted on 3325 & 3365; fair; 8/9 (Nikolich-IL)
- 4055 GUATAMALA R. Verdad Chiquimula 0930 ID en español by locutor; strong sig; 7/12. (Wilkner-FL) 0500-0608* Mx prg w/ M & W ancrs in SS & EE; sig got stronger around 0555 w/ M ancr "This is Radio Verdad, broadcasting on 4055 kHz in the 80 meter band."; gave address & asked for reception rpts to Radio Truth in Guatemala City; W repeated ancrments in SS; M ancr closed

- w/ "We have come to the end of our broadcast. We invite you to tune in tomorrow night at the same time."; long NA at 0604 & off at 0608; f-g; 8/10 (Nikolich-IL) 1027 PP; M anc over mx; long relg talk; good; 8/10. (Taylor-WI) 1130 W anc w/ SS ID; 8/17. (Wilkner-FL)
- 4319U **DIEGO GARCIA AFN** 0005-0045 EE nx & pop mx; 8/2. (Wilkner-FL)
- 4699.9 **BOLIVIA R. San Miguel** Riberalta 0928-1000 SS; M anc w/ lengthy talk; 7/12. (Wilkner-FL)
- 4716.6 **BOLIVIA R. Yura** Yura 1030-1050 Beginning to f/out; good mx & a favourite stn providing good listening; 7/15. (Wilkner-FL) 4716.65 0027-0039 SS; Indigenous mx & ballads w/ canned ancment at BoH; poor; 8/6. (Barbour-NH)
- 4747 **PERU R. Huanta 2000** Huanta 1020-1050 Mx & chat; f-g; 7/15 & 8/3. (Wilkner-FL)
- 4750 **INDONESIA-SULAWESI RRI Makassar** 1202 Indo talk; (P) nx; w/ BFO it's hard to tell whether its carrier is unstable, or QRM from a second carrier on slightly different freq, i.e. Bangladesh or China; 8/5. (Hauser-OK)
- 4775 **SWAZILAND TWR** Manzini 0400 ID; mx & talk in GG; 8/15. (Brossell-WI)
- 4781.6 **ECUADOR R. Oriental** Napo 1050-1115 Lovely mx & anc en español as signal began to f/out; unusually strong; 7/19 & 8/2. (Wilkner-FL)
- 4789 **PERU R. Visión** Chiclayo 1055-1107 Locutor en español & mx w/ distorted sig; not on 24 hours a day!; 8/1. (Wilkner-FL)[all I get lately is a weak carrier, no audio-ed.] 4790 0531 JBA carrier w/ traces of mx; no doubt R. Visión; which is rpted to be running sometimes all-night, irregularly; long gone are the days when this was a big sig from the Andes; 8/10. (Hauser-OK)
- 4795.9 **BOLIVIA R. Lipez** Uyuni 1015-1040 Noted here w/ fading; 7/18. (Wilkner-FL)
- 4810 **PERU R. Logos** Chazuta 1000-1045 Musica andina; relg talk; no CODAR; strongest Peruvian on 60m; 7/18 & 8/3 & 15. (Wilkner-FL)
- 4824.51 **PERU LV de la Selva** Iquitos 0040-0050 SS; Noted here during band scan; 7/12. (Wilkner-FL)
- 4835 **AUSTRALIA VL8A** Alice Springs 1040-1100 Noted here in EE w/ 1.2k filter; 8/1 & 12. (Wilkner-FL) 1200 Lcl nx; fair; 8/18. (Brossell-WI)
- 4835 **PERU Ondas del Suroriente** Quillabamba 0045-0052 Locutor en español w/ t-storm crackle; fair sig w/ narrow filter; 7/12. (Wilkner-FL)
- 4865 **UNIDENTIFIED** 0403 Open carrier; nothing changed after 20 minutes; sig reached S9 on my 545 s-meter; Eibi lists V. of Iranian Kurdistan at that time; 8/15. (Brossell-WI) Via FS Editor, Mark Taylor: [Several of us speculating with Bob about this log at the Madison / Milwaukee GTG on Aug. 17 suggested one of the U.S. Shortwave broadcasters might be testing on this frequency.] 4865.97 1126 Massive carrier; no audio; 8/16. (Wilkner-FL) 0516 TADIL-A bonker as usual around here; checking since there had been a couple rpts at other times of very strong open carrier on 4865 or 4866; US b/caster testing?; maybe it was really the same TADIL-A txmitter in idle mode not cutting on & off; this is apparently the one which moved off the low side of 6135 several months ago; 8/20. (Hauser-OK)
- 4870 **INDONESIA RRI Wamena** Wamena 1225 (P); Carrier & traces of talk; it's been active lately; at same time I was also getting carriers on 4750; no doubt including RRI Makassar on the lo side of that; 8/14. (Hauser-OK)
- 4885 **BRAZIL R. Clube Do Para** Belem 0339-0420 Talk in PP; 8/10 & 24. (Brossell-WI) 0154 M anc in PP; end of prg; 0200 ID; ancment; diff. M anc w/ talk; fair; 8/23. (Taylor-WI)
- 4895 **BRAZIL R. Novo Tempo** Campo Grande 0100 (P); Now the best ZY sig on 60m is here instead of 4915; mx vs CODAR, lightning crashes; 0101 in PP; 0108 still talking as if a sermon; there had been two ZYs on 4895, but R. Baré has not been rpted for some months & presumed inactive; 7/15. (Hauser-OK)
- 4915 **BRAZIL R. Daqui** Goiania 0101, another good night for R. Daqui, Goiania, best by far of the 60m ZY frequencies with pop song in Portuguese, 0102 timecheck for "10 e 2", R. Daqui ID; 7/27. (Hauser-OK)
- 4925.18 **BRASIL R. Educação Rural** Tefé 1030-1040 PP; Mixing w/ (T) 4925.00 S. Korea; 8/1. (Wilkner-FL) 4925.3 0152 (T); M & W ancrs thru ToH w/out apparent ID; poor; 8/24. (Taylor-WI)
- 4930 **BOTSWANA VOA** Moeping Hill 0521 Talking, must be VOA, but lang?; sked as EE only, but seems PP or FF?; much weaker sig on 4960 which is VOA Sao Tome sked this semihour in Hausa; poor; 7/26. (Hauser-OK) 0340 Rpt re terrorist activities in Yemen; 8/9. (Brossell-WI) 0423 Rpt re terrorism in Africa; 8/24. (Brossell-WI)
- 4957.9 **UNIDENTIFIED** 0930-1000 (P) Bolivia?; not favoring us with decent sig; 7/12. (Wilkner-FL)
- 4990 **SURINAMER. Apintie** Paramaribo 0940-0955 (T); Brief mx bridges & M anc chat; 8/15. (Wilkner-FL)
- 5019.9 **SOLOMON ISLANDS SIBC** Honiara [UTC?-ed.] Weak audio w/ 1.2k filter in LSB to avoid lcl Havana on 5025; 8/1. (Wilkner-FL)
- 5039.14 **PERU R. Libertad** JunIn 1015-1040 Variety of mx & talk by locutor en español; 7/15. (Wilkner-FL) 5039.22 1100-1120 M anc w/ SS mx & talk; 7/29. (Wilkner-FL)
- 5040 **CUBA RHC** Havana 0531 Tonite's anomaly from RHC: EE freq off the air, while 6010, 6060, 6125 & 6165 are more than enough; 7/29. (Hauser-OK)

- 5050 **USA WWRB** Manchester 0059 WWRB is back on w/ preacher, after missing 24 hours earlier: 7/19 at 0102, hum, then phone ringing (line sound rather than acoustic); 0103 fast-busy sig; I've heard same several times before around this hour & begin to wonder whether it is part of standard intentional prgrimg; 7/17. (Hauser-OK)
- 5085 **USA WTWW-2** Lebanon 0000 World of Radio 1679 monitoring: confirmed just after freq change; instead of 2330 Saturday on 9930; 7/28. (Hauser-OK) 0533 Brother Scare is again blasting away on WTWW-2, now seemingly regular; unknown if really straight thru all-night but I would assume so; 8/24. (Hauser-OK)
- 5110v **USA WBCQ** Monticello 0101 CUSB; Instead of sked "The Lumpy Gravy Show", Area 51 is //7490 w/ "VSI Radio International"; guy talking about Swedish pirates; w/ one receiver on the porch I can't be sure they are synchronized, but close; also at 0230 w/ special b/cast of World of Radio on 5110; 7/21. (Hauser-OK)
- 5765U **GUAM AFN** Barrigada 1154 AFN is still/again here; JBA w/ prgrimg including some mx bits; 7/16. (Hauser-OK) 1030-1105 EE; Nx items; 7/19. (Wilkner-FL) 1204 Nx headlines including elevator shaft death, Filner; 1205 Al Roker & crowd applause, birthdays & wx; 1207 vamping during optional cutaway of about a semimute for lcl wx (not taken here); 1208 military PSA replaces commercial on NBC-TV "Today" show via AFN; weak but sufficient; 8/5. (Hauser-OK)
- 5830 **USA WTWW-1** Lebanon 0400 World of Radio 1681 monitoring: confirmed; good on WTWW-1; 8/11. (Hauser-OK) 

5901-30000 kHz

International Band Loggings

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

- 5980 **SOUTH AFRICA, Channel Africa**, 3:45 to 3:52 with an ID at 3:50, SINFO=2,5,2, 3,2, the Africa Rise and Shine program, the announcer noted that prayers were needed for ex-president Mandela, the Kaito 1103 and the telescoping antenna. (John and Sandra Davis)
- 5980 **PERU. R Chaski**, August 9 at 0058, R. Chaski carrier is barely audible, but definitely cuts off at 0100:53.5* which is 4.5 seconds later than yesterday, so there does seem to be some slight variation. I am back on the porch with the usual DX-398 and short wire, fortified by Diet on my hands and exposed neck area which would also be helpful as I moved on to half a sesquihour (one tank) of lawn mowing after this DX session (Glenn Hauser, OK, DX LISTENING DIGEST)
- 6170 **NEW ZEALAND RNZI**, 7/22, 1415. Big band music program. Outstanding. (Barton-AZ)
- 6930 **PIRATE (No. Am.), Radio Mushroom**, 0039-0052* Aug 10, man announcer hosting program of familiar rock vocals (John Fogherty, Guess Who, etc.) with frequent IDs, e-mail address (radio-mushroom@gmail.com), and close down. Fair signal although noisy conditions. (D'Angelo-PA)
- 7250 **CHINA CRI** 2300 in SS. National News. Good. (McGuire-MD)
- 7275 **TUNISIA**. 7275, August 7 at 0526, familiar Western operatic piece but apparently in Arabic; fairly good signal as IWT is gradually improving now with increasing darkness on its end of the path. On 7275 for only one hour now (Glenn Hauser, OK, DX LISTENING DIGEST)
- 7295 **FRANCE. TRV Algerienne** - Issoundun, 0434-0452 Jul 27, man announcer with news in Arabic language followed by ID at 0440 then talks and recitations. Fair to good. (D'Angelo-PA)
- 7325 **SAO TOME VOA**, via Pinheira, 0405 in Kinyarwanda, lively sx with children singing, // Selebi-Phikwe 7340. Sigs on both freqs to 30dB, good. 7/13 (Parker-PA)
- 7350 **ROMANIA, Radio Romania International**, 3:05 to 3:12 with an ID at 3:07, SINFO=3,5,4,3,3, a man from Lithuania will guide the EU during the next presidency, the Kaito 1103 and the telescoping antenna. (John and Sandra Davis)
- 7435 **GERMANY RFE/RL**, via Lampertheim, 0416 in RR with talks, 40dB signal, good. 7/13 (Parker-PA)
- 9240 **CUBA, Spy Numbers Station**, 8:59 to 9:02, no ID, Spanish, SINFO=2,5,5,3,3, five number groups with tones, the 6790 and the 42' Windom antenna (John and Sandra Davis)
- 9420 **GREECE. ERT**, August 4 at 0548, ERT with pop music, rather than Byzantine chant, which the occupiers had previously managed to maintain on Sunday mornings (Glenn Hauser, OK, DX LISTENING DIGEST)
- 9435 **ARMENIA Voice of Russia**, via Yerevan-Gavar, 0428 in SS with talks, sigs to 20dB, p-f. 7/10 (Parker-PA)
- 9465 **ARMENIA, Voice of Russia**, 22:45 to 23:03 with an ID at 22:59, SINFO= 3,5,2,2,2, the Travel Russia program, they visited the town where AK-47s are made, the 5050A receiver with the 435' long wire antenna (John and Sandra Davis)
- 9465 **RUSSIA, Voice of Russia** 2200 in EE. News. Good (McGuire-MD)
- 9465 **BRAZIL R. Bandeirantes**, Sao Paulo, 0437 in PP, M anc'r joking with callers, sigs to 50dB, g-exc. 7/13 (Parker-PA)

- 9465 **RUSSIA** *Voice of Russia* 2200 in English. Report on Egypt. Fair. (McGuire-MD)
- 9470 **RWANDA** *Deutsche Welle*, via Kigali, 0430 in EE with "Pulse", Latvian W cheers up hospital patients by acting silly, sigs to 80dB and exc. 7/10 (Parker-PA)
- 9515 **TURKEY**, *Voice of Turkey*, 3:16 to 3:25 with an ID at 3:23, SINFO=2,5,5, 3,3, a male noted the nuclear accident in the USSR that left a death zone close to part of the Black Sea, the Kaito 1103 with the telescoping antenna. (John and Sandra Davis)
- 9570 **ALBANIA**, *China Radio International*, 00:56 to 01:01 with an ID at 01:00, SINFO=4,4,5,4,4, a Chinese language lesson for those who have to go to the dentist, the 5050A and the 435' long wire antenna (John and Sandra Davis)
- 9579 **MOROCCO** (Spanish). *Radio Medi Un*, 2337-0039 Aug 9, best signal in a long time from this one with Middle Eastern vocals program. News at 2357 in Arabic language. After news signal began to deteriorate. Mainly fair. (D'Angelo-PA)
- 9580 **AUSTRALIA**, *Radio Australia*, 10:31 to 10:51 with an ID at 10:49, SINFO=5,5,5, 4,5, the UN wants to send Syrian refugees to Germany to live, the 1000A and the 435' long wire antenna (John and Sandra Davis)
- 9580 **AUSTRALIA**, *Radio Australia* at 1300 in EE. Mainly regional news. Good. (McGuire-MD)
- 9580 **AUSTRALIA**. *R. Australia*, Monday August 5 at 1231, RA opening program "This is Religion" ?? --- or did she say Revision? No, of course it's 'Reah Vision', the recent-history program, and an excellent one, this time devoted to Afghanistan and all the mistakes in US policy, depressing future. (Glenn Hauser, OK, DX LISTENING DIGEST)
- 9580 **AUSTRALIA**. *R. Australia*, Friday August 2 at 1305, RA English is starting 'Asia Review' hosted by some guy with a Vietnamese name; contrary to own schedule showing this at 1330, with 'Australia Network News Bulletin' at 1300-1330. Anyhow, it sounds like a radio programmer rather than a TV soundtrack (Glenn Hauser, OK, DX LISTENING DIGEST)
- 9580 **SAUDI ARABIA** *R. Riyadh*, Jeddah, 0425 in AA with traditional mx, 60db signal, exc. 7/13 (Parker-PA)
- 9585 **BRAZIL** *Super R. Deus e Amor*, Sao Paulo, 0432 in PP, W host and M guest via telephone, 40db Signal, good. 7/13 (Parker-PA)
- 9620 **SPAIN** *REE* 2300 in SS with Obama sound bites. Good. (McGuire-MD)
- 9655 **ALASKA** *KNLS* 7/22, 1645. Nice pop music to male presenter in RR with web address for "KNLS dot org". Very Good. Have not heard well here in quite a while. (Barton-AZ)
- 9665 **MOLDAVA**, *Voice of Russia*, 2:20 to 2:32 with an ID at 2:30, SINFO= 5,4,4,4,4, a woman announcer interviewed a man about Russia developing startup companies in Asia, especially Singapore which he said was the gateway to Asia, the Kaito 1103 and the telescoping antenna. (John and Sandra Davis)
- 9665 **BRAZIL** *R. Voz Missionaria*, Camboriu, 0452 in PP with M ancr and telephone callers, 50dB signal, exc. 7/10 (Parker-PA)
- 9680 **TAIWAN** *RTI* 7/22, 1650. Female presenter in CC. Pips at the ToH and shut down. (Barton-AZ)
- 9700 **NEW ZEALAND**, *Radio New Zealand International*, 9:22 to 9:24 with an ID at 9:24, SINFO=3,5,3,3,3, I heard a song with the words, "... eye on the sparrow..." I heard a part of a music request program, the 6790 and the 42' Windom antenna. (John and Sandra Davis)
- 9700 **NEW ZEALAND** *Radio New Zealand International* -- 0535, good level with EG nx, ID by YL and feature on an upcoming film festival in NZ, 8/10 (NIKOLICH-IL)
- 9715 **ERITREA** *V.O. BroadMasses*, Asmara-SeleaDaro, 0437 invern, sxwith Mvocal, veryweak. 7/13 (Parker-PA)
- 9745 **CHINA** *Firedrake* 7/22, 1705 Crash and bang. Likely targeting RFA from Guam on at this time. (Barton-AZ)
- 9770 **ROMANIA** *RRI*, Galbeni, 0453-0457* in RR with pop mx prgm, abrupt off. 40dB signal, f-g. 7/10 (Parker-PA)
- 9800 **RWANDA** *Deutsche Welle*, via Kigali, 0513 in EE, mx and thick-accented ancrs, sigs to 30dB, rapid QSB, poor. 7/10 (Parker-PA)
- 9810 **RWANDA**. *Radio Deutsche Welle* - Kigali, 0402-0411 Aug 6, man and woman announcer with news in English. Nice ID at 0404 followed by program previews. Poor. (D'Angelo-PA)
- 9830 **TURKEY**, *Voice of Turkey* 2200 in EE. Good. (McGuire-MD)
- 9835 **JAPAN** *NHK World Radio Japan*, 7/22, 1645. Pop vocals in JJ. V.G. (Barton-AZ)
- 9850 **ALBANIA** *R. Tirana* Shijak 2340-0000* Aug 5; M announcer in listed Albanian; local mx; NA & IS at s/off; fair. (Barbour-NH)
- 9850 **ALBANIA** *Radio Tirana* 2300. Albanian service. Good. (McGuire-MD)
- 9855 **UAE** *R. Australia* Dhabbaya 2322-2339 Aug 5 EE; M & W w/ interview; ID in passing at BoH; prg preview & nx headlines; poor in LSB-ECCS. (Barbour-NH)
- 9885 **BOTSWANA** *Voice of America* 4:26 to 4:28 with an ID at 4:27, SINFO= 2,4,4,3,2, I heard the end of the Daybreak Africa program hosted by a male, the Kaito 1103 and the telescoping antenna. (John and Sandra Davis)
- 9910 **INDIA** *AIR* Aligarh 2256-2302 Aug 5; Mx; IS at 2258 into (P) Hindi svc; poor & not much to work with; lost it shortly after ToH. (Barbour-NH)

- 9955 **VENEZUELA [non]. *Ecos del Torbes*** special via WRMI, August 10 at 0204, Ecos del Torbes special via WRMI is JBA but no jamming, enough to recognize what I heard clearly 24 hours earlier on webcast. One more repeat at 2230 Saturday (Glenn Hauser, OK, DX LISTENING DIGEST)
- 11530 **TAJIKISTAN, *Voice of Russia***, best in the USB mode, 12:28 to 12:44 With an ID at 12:44, SINFO=2,4,3,3,3, I heard a report about the personal level of happiness for people in different countries around the world, the 1000A and the 435' long wire antenna. (John and Sandra Davis)
- 11545 **CLANDESTINE (Afghanistan). *Salam Watandar*** - Sofia, 0344-0359* Jul 31, talks by a man and woman announcers followed by IRRS ID inviting reception reports at 0359 before carrier was terminated. Fair to good. (D'Angelo-PA)
- 11560 **CLANDESTINE (Sudan). *Radio Miraya*** via Sofia, *0300-0328 Jul 27, opening with English ID and announcements by a male announcer followed by various selections of local vocals. Fair to good. (D'Angelo-PA)
- 11560 **BULGARIA R. *Miraya FM***, via Sofia, 0325 with ArbiPops, 50dB signal, exc. 7/10 (Parker-PA)
- 11660 **IRAN *VOIRI***, Zahedan, 0329 in AA with rhythmic mx, sigs to 40db, g-exc. 7/10 (Parker-PA)
- 11700 **FRANCE. *Radio France International*** - Issoudun, 0724-0738 Jul 30, French language program to Africa with man announcer talking followed by instrumental music and a woman announcer. ID and news headlines at 0729. Poor to fair signal. (D'Angelo-PA)
- 11710 **NORTH KOREA, *Voice of Korea***, 10:52 to 10:58, with an ID at 10:54, SINFO= 4,5,3,3,4, a male announcer accused the United States and South Korea of planning an invasion of North Korea, the 1000A and the 435' long wire antenna. (John and Sandra Davis)
- 11710 **ARGENTINA *RAE***, General Pacheco, 0332, slow piano mx with M crooner, sigs to 80dB and exc. 7/10 (Parker-PA)
- 11720 **PHILIPPINES R *Pilipinas*** 7/22, 1830. M in Tagalog. Fair. (Barton-AZ)
- 11735 **ZANZIBAR *Radio Tanzania Zanzibar*** -- 2045-2100*, Hindu-flavored mx at fair level, signal peaking near sign-off, YL with ID and quick announcement before she abruptly pulled the plug at 2100 — the coffee must have been boiling over! First station heard on my Perseus; much stronger on the Perseus/Wellbrook than on my NRD515/Sloper 8/5 (NIKOLICH-IL)
- 11740 **SINGAPORE, *Radio Japan***, 12:20 to 12:27 with an ID at 12:25, SINFO=3,5,4, 4,4, I heard a man and woman giving a Japanese language lesson, number 14, the 1000A and the 435' long wire antenna. (John and Sandra Davis)
- 11750 **VATICAN CITY *VOA***, via Santa Maria di Galeria, 0336 in Somali with nx, many ments of "Somalia" and "Somaliland", 60db signal, exc. 7/10 (Parker-PA)
- 11765 **BRAZIL *Super R. Deus e Amor***, Curitiba, 0341 in PP with impassioned preacher f/by inspirational mx, 50dB signal with a little buckshot from adjacent RHC, still g-exc. 7/10 (Parker-PA)
- 11780 **BRAZIL R. *Nacional da Amazonia***, Brasilia, 0345 in PP with talks, awesome 1 00dB signal and hi-fi audio, exc. 7/10 (Parker-PA)
- 11800 **RWANDA, *Deutsche Welle (DW)***, 21:56 to 22:00 with an ID at 21:58, SINFO= 3,5,5,3,4, I heard the end of a music program, the 1000A and the 42' Windom antenna. (John and Sandra Davis)
- 11815 **BRAZIL R. *Brasil Central***, Goiania, 0348 in PP with choir hymn and M talking, 70-80dB signal mostly quieting co-channel QRM, g-exc. 7/10 (Parker-PA)
- 11840 **VIETNAM, *Voice of Vietnam*** 2100 in VV. Good. (McGuire-MD)
- 11855 **UAE *BBC***, via Dhabbaya, 0354 in Persian with talks, 40dB signal, f-good. 7/10 (Parker-PA)
- 11855 **JAPAN *Radio Japan*** 2056 in French. Good. (McGuire-MD)
- 11890 **SINGAPORE *BBC/WS*** 7/22, 1520. News. Good. (Barton-AZ)
- 11900 **CHINA *CRI*** 7/22 1710. M and F with discussion of budgets in Chinese government. Armchair reception. (Barton-AZ)
- 11905 **SAO TOME *VOA***, via Pinheira, 0355-0402, in Kinyarwanda with talks, W ancr with "You've been listening to news and information in Kinyarwanda", closing anmt in EE and off. 60dB signal and loud audio, though they dumped and restarted the xmtr a few times. 7/10 (Parker-PA)
- 11915 **BRAZIL. *Radio Gaucha*** - Porto Alegre, 0230-0303* Aug 11, man announcer with Portuguese talks hosting a program of easy instrumental music. At 0259 the man gave ID and closedown announcements. Off without any anthem. Poor. (D'Angelo-PA)
- 11945 **SEYCHELLES *BBC***, via Mahe, 0407 in EE with talks, strong 40-50dB carrier but audio was sucked down by poor atmospheric condx, p-f. 7/10 (Parker-PA)
- 11945 **AUSTRALIA. *Radio Australia*** - Shepparton, 0700-0722 Jul 30, Australian Network News read by a male announcer. Good signal. (D'Angelo-PA)
- 11955 **AUSTRIA [and non]. *AWR***, August 4 at 0516, AWR Hausa via Moosbrunn in the clear, no tone jamming, maybe because my router is unplugged for a storm? But also no tone jamming from Sudan on 11650 vs Dabanga (Glenn Hauser, OK, DX LISTENING DIGEST) ESTONIA.
- 11980 **TURKEY *VOT***, Emirler, 0419 in TT, slow sx with W vocal, super 100dB+ signal, audio a tad bassy, exc. 7/10 (Parker-PA)

- 11985 **FRANCE. Radio Algérienne** - Issoudun, 0607-0657* Aug 10, recitations during Holy Qu'ran program. Talk in Arabic language by a man announcer at 0631 followed by more recitations. Carrier cut during talk by another man. Fair although somewhat noisy conditions. (D'Angelo-PA)
- 12005 **VIETNAM, Voice of Vietnam** 0100 in EE. Very Good. (McGuire-MD)
- 12015 **NORTH KOREA Voice of Korea**, 7/22, 1700. Sounded like opening of typical VoK, buried under RTTY signal and weak. (Barton-AZ)
- 12075 **SRI LANKA, VOA**, 12:33 to 12:40 with an ID at 12:39, SINFO=3,5,4,3,3, Obama has called for calmness in Egypt and for the return to democratic rule, the 1000A, and the 435' long wire antenna. (John and Sandra Davis)
- 12150 **PHILIPPINES, VOA**, 12:41 to 12:53 with an ID at 12:50, SINFO=2,5,3,3,3, the announcer noted that old dresses are being re-tailored and sold again, they can be very expensive, the 1000A and the 435' long wire antenna. (John and Sandra Davis)
- 12150 **THAILAND VOA** 7/22, 1520. Country music program, VG. (Barton-AZ)
- 12759 **DIEGO GARCIA, American Forces Radio and Television Services (AFRTS)**, USB mode, 1:49 to 2:02 with IDs at 1:49 and at 1:50, a woman noted their website address, SINFO=2,5,2,2,2, I heard the local weather with a temperature of 79 degrees, the 5050A and the 435' long wire antenna. (John and Sandra Davis)
- 13635 **TURKEY. Voice of Turkey**, August 6 at 0549, Turkish music is unusually audible next to stronger 13630 Australia which is ACling it; confirmed TRT source since it's // usual weaker 11980. Unusual because 13635 is not scheduled to start until 0600, then all the way to 1300, 500 kW, 310 degrees to W Europe and beyond that USward. So here's another schedule extension (for Ramadan? almost over) like 9770 on air well before the 0100 Spanish (Glenn Hauser, OK, DX LISTENING DIGEST)
- 13650 **KUWAIT [and non-]. R. Kuwait**, August 1 at 2000, tune-in R. Kuwait Arabic to North America just in time to hear it cut off at 2000:30*, good signal, now retuning to 17550, which comes on at *2001:10, somewhat weaker. As heard yesterday, 17550 sometimes actually strengthen later into the night by 2400* (3 am in Kuwait). now (Glenn Hauser, OK, DX LISTENING DIGEST)
- 13695 **INDIA. All India Radio**, Bangaluru, 0255-0300*. Talk by a woman in Kannada (per schedule). Sometimes joined briefly by a second woman. Broadcast ended at 0300. Moderate signal strength with minor fading. 7/19/2013 (Evans - TN)
- 13700 **CHINA CRI** 7/22, 1800. M + F in CC. (Barton-AZ)
- 13760 **KOREA NORTH. Voice of Korea**, August 2 at 1310, VOK in English, but almost equal mix with Chinese audio, and Juche-jamming noise to boot! Same on // 11710, while Chinese and jamming, but no English are audible on 13650 // 11735. And at 1316 more English on 15245, poor signal, at first no Chinese, but the music mixing there is what's on the Chinese frequencies now (Glenn Hauser, OK, DX LISTENING DIGEST)
- 13790 **CHINA CRI**, 7/22, 1728. Male with Arabic service, very weak. (Barton-AZ)
- 13800 **ROMANIA, Radio Romania International** in EE at 2030. Good. (McGuire-MD)
- 13820 **CUBA [non-]. R. Marti**, August 1 at 1835, R. Marti is VG and no jamming audible, unlike weaker // 11930? (Glenn Hauser, OK, DX LISTENING DIGEST)
- 15140 **OMAN. Radio Sultanate of Oman**, Thumryat, 1625-1635. Talk in Arabic by a man. Fanfare at 1630 followed by announcements by a man, then talk between the announcer and a second man at a different location. Poor signal strength with fading, strengthening over time. 7/19/2013 (Evans - TN)
- 15160 **SPAIN. REE**, August 11 at 0106, I find REE is playing clips of Radio España Independiente, the Communist clandestine of yesteryear, but this is not the DX program; what seemed CCI at first turned out to be embedded music, better on // 9535 (Glenn Hauser, OK, DX LISTENING DIGEST)
- 15245 **NORTH KOREA Voice of Korea**, 7.22, 1725. Military chorus and F in KK. VG, and with also VG // found of 11715. (Barton-AZ)
- 15275 **GERMANY, DW** 1900 in EE. Report on Syria. Fair. (McGuire-MD)
- 15275 **GERMANY [non-]. DW** August 5 at 0528, DW English via RWANDA is back again after missing 24 hours earlier; "Steven Beard, Deutsche Welle Radio, London" outros his report for 'Inside Europe'. I guess he's a stringer, also heard on various other networks, with his distinctive voice and accent (Glenn Hauser, OK, DX LISTENING DIGEST)
- 15310 **THAILAND, BBC**, best in the USB mode, 13:02 to 13:07 with an ID at 13:04, SINFO=2,5,3,4,3, I could not understand much more than the ID, the 5050A and the 435' long wire antenna. (John and Sandra Davis)
- 15360 **SRI LANKA. Radio Mashaal**, Iranawila, 1252-1254. Talk in Pashto by a man, joined briefly by a second man. Weak but steady signal, just above the noise. 7/29/2013 (Evans - TN)
- 15470 **IRAN, Voice of Justice**, 4:25 to 4:29 with an ID at 4:25, SINFO=4,5,5,3,4, a woman told listeners to send their letters to the English Program Department, and then gave a list of frequencies and times, the 1000A, the 435' long wire antenna. (John and Sandra Davis)

- 15490 **AUSTRALIA, HCJB Global Radio**, the USB mode, 11:01 to 11:15 with an ID at 11:15, SINFO=2,4,3,3,3, I heard a history of Archbishop Desmond Tutu, the Spot Light program, the 5050A and the 42' Windom antenna. (John and Sandra Davis)
- 15505 **BANGLADESH Bangladesh Betar** August 9 I am standing by for Bangladesh Betar to come on and it does at *1355; by 1358 I can make out the IS, but JBA. It last a few seconds past 1400, and I cannot make out any timesignal before Urdu opening (Glenn Hauser, OK, DX LISTENING DIGEST)
- 15540 **KUWAIT, Radio Kuwait**, 20:34 to 20:52 with an ID at 20:50, SINFO=3,5,5,3,4, the US president and the president of Afghanistan talked today about the Taliban opening an office somewhere in the Middle East, an R-391 and the HVU-8 antenna. (John and Sandra Davis)
- 15570 **VATICAN, Vatican Radio**, 17:30 to 17:38 with an ID at 17:38, SINFO=2,5,4, 2,3, I heard a male announcer, but I could not understand him, because of his thick African accent, a woman summarized a message from Pope Francis I, a R-390A and the 435' long wire antenna. (John and Sandra Davis)
- 15575 **KOREA KBS World Radio**, Kimjae, 1303-1306. News in English by man and woman. ID by woman at 1306. Good signal with minor fading. 7/29/2013 (Evans - TN)
- 15575 **SOUTH KOREA, KBS World Radio**, 13:08 to 13:15 with an ID at 13:13, SINFO=5,5,5,4,5, I heard about budget changes in South Korea's intelligence agency, the 1000A and the 435' long wire antenna. (John and Sandra Davis)
- 15595 **VATICAN STATE Vatican Radio**, 7/22 , 1630 . Female with S-off announcements, "From Vatican Radio , have a good evening" .VG . (Barton-AZ)
- 15630 **GREECE. Free Hellenic Radio** (tentative), 1330-1353 Jul 28, thanks to tip from Alan Roe tuned this but although signal was fair the modulations seemed off making distinguishing words very difficult. Interesting! (D'Angelo-PA)
- 15630 **GERMANY VOA** (via relay) 7/22 , 1640 . Male in Asian language ,speaking over musical background . (Have this listed as Tibetan). Fair .(Barton-AZ)
- 15650 **GREECE (P) Voice of Greece** . 7/22 , 1625 . Very lively Greek music, but frequently covered by "BRAAAAAAAP"(a likely OTH Radar pulse) . (Barton-AZ)
- 15710 **UAE BBC/WS** 7/22 , 1622 . Way way out in the weeds here . (Barton-AZ)
- 17630 **CHINA, China Radio Int'l**, 14:50 to 14:54 with an ID at 14:54, SINFO=3,5,4,3,3, a man and woman were talking about what makes a person a cultural icon, China Drive/Round Table, the 5050A and the 42' Windom antenna. (John and Sandra Davis)
- 17630 **EAST TURKISTAN. CRI**, August 10 at 1352, CRI English with a report on pop music, outro as an Easy FM show about Black Rebel Motorcycle Club (apparently a music group), part 1, with Johnny Hutong on CRI News Plus Radio. Wow, how hip the ChiCom are now! VG signal (Glenn Hauser, OK, DX LISTENING DIGEST)
- 17640 **ASCENSION ISLAND, BBC**, 16:54 to 16:59 with an ID at 16:59, SINFO=2,5,3,3,2, I heard part of a discussion about a very wealthy man, but I didn't hear his name, the 5050A and the 435' long wire antenna. (John and Sandra Davis)
- 17650 **IRAN [and non]. IRIB** August 8 at 1914, poor signal in French, yet it is the SSOB, better than a very poor signal on 17795, presumably BBC Woofferton. I am rather surprised that per HFCC, 17650 turns out to be IRIB, 1830-1930, 500 kW, 259 degrees from Kamalabad to Africa. The 16m band is almost vacant in our afternoons, though surely many closer countries would be propagating if they cared to employ it (Glenn Hauser, OK, DX LISTENING DIGEST)
- 17745 **ENGLAND Sudan Radio Service Darfur** , 7/22 , 1615 . M and F in Aa. (Barton-AZ)
- 18178 **TAIWAN, Sound of Hope Radio International**, tentative, 15:35 to 16:00, with no understandable ID, SINFO=2,5,3,3,3, this signal was in the clear, I heard a woman and then a man speaking in Chinese, this is close to a frequency found in the WRTH Summer Supplement, the 5050A and the 42' Windom antenna. (John and Sandra Davis)
- 21505 **SAUDI ARABIA [and non]. Service of the Kingdom of Saudi Arabia**, August 2 at 1320, propagation has improved a little to re-audible Arabic here, the Buzzing Service of the Kingdom of Saudi Arabia as mixed with the Arabic, a perpetual problem on this transmitter; haven't they noticed? Are they clueless how to fix it, or don't care? Fortunately, we have a clearer, stronger signal from Kuwait on 21540 (Glenn Hauser, OK, DX LISTENING DIGEST)
- 21540 **KUWAIT R Kuwait** 7/22 , 1728 . Good, with F in AA to music . (Barton-AZ)
- 21540 **KUWAIT R Kuwait** 7/22 , 1525 . Hard to determine if prayer chanting of AA vocal . Fair. (Barton-AZ)
- 21630 **UNITED STATES WHRI**, Cypress Creek, 1949 in EE with fundraiser, 60db signal, exc. 7/12 (Parker-PA)
- 15225 **PHILIPPINES. Radio Veritas Asia**, Palauig, 1249-1257* . Talk by a woman in Kachin (per schedule). Announcements by a man at 1256 followed by local music. Announcement by a woman at 1257, then gone. Weak signal with minor fading. 7/29/2013 (Evans - TN)

Thanks for the logs. 73's Dave



On the Shortwaves

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< www.ontheshortwaves.com > Update, August 4, 2013 -- The records that DXers kept in the 1920s were often just notations in a published list, like *White's Radio Log* or *RADEX*, but sometimes they were more elaborate. Samuel J. Murphy of Philadelphia kept a separate daily listing of the stations he heard on his one-tube Atwater Kent setup. These were broadcast band stations. Under "DX History/SWLing & DXing" is a copy of Sam's typed list for a year starting on April 7, 1923. -- And we have added these "Wavescan" entries under "Specialized Resources": "The United States on Shortwave: One Leaves the Air and Another Signs On" (July 7, 2013); "Ancient DX Report: 1904" (July 7, 2013); "Tribute to Family Radio Shortwave-2: The Early Years in New Jersey" (July 14, 2013); and "Focus on Africa: The Mozambique Radio Story With Colin Miller" (July 21, 2013).

< www.ontheshortwaves.com > Update, August 11, 2013 -- Under "Specialized Resources," "Radio Postcards," we have posted another group of station postcards from Japan. These are: the Funabashi Telegraph Station; the Hamamatu Broadcasting Station; the Japan Wireless Telegraph Co. in Oyama; JOQG, the NHK Morioka Broadcasting Station; two cards from JQAK, Dairen, Manchuria; three views of the Tokyo Broadcasting Station; and the Yosami Transmitting Station. -- Also this time, under "Specialized Resources," "Wavescan," a new entry from Adrian Peterson: "Tribute to Shortwave WYFR-3: The Early Years in Boston" (August 4, 2013).

< www.ontheshortwaves.com > Update, August 25, 2013 -- To "CPRV" and the "CPRV QSL Gallery" this time, for a compilation of QSLs from the Dominican Republic. They are: HI2D, R. Hit Musical, Santiago (1958 and 1965); Radio Ritmos, Santiago (1978); R. Norte, Santiago (1978); R. Santo Domingo, Santo Domingo (1966); Radiotelevision Dominicana (1968 and 1979); HI9T, Broadcasting Tropical, Puerto plata (1946); HICK, Ondas del Yaque (1962); and HI2T, La Voz del Yuna (1945). Also in this group are four QSLs that we had previously shown separately: HI1A, La Voz del Yaque, Santiago de los Caballeros (1934); HIL, Cd. Trujillo (1936); Rdfsra. HI8A, Cd. Trujillo (1936); and HISD, Universal Broadcasting Corp., Santo Domingo (1968). -- And from Adrian Peterson, this new "Wavescan" entry under "Specialized Resources": "75th Anniversary: All India Radio on Shortwave" (August 18, 2013).

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