

The ~~NASA~~ Journal

VOLUME LVI NUMBER 10

OCTOBER 2016

LA VOZ DE NAHUALA

La Voz de Nahuala,
Nahuala, Depto. de Solola,
Guatemala, C.A.

Q.S.L. CARD

**Estación Educativa Evangélica
"RADIO VERDAD"**
Apartado Postal 5
Chiquimula, Guatemala, C.A.

4 Mhz., Banda 75 Mts.

**Desde el Monte Horeb
y el cerro de La Gloria.**

**"Y conoceréis la Verdad,
y la Verdad os hará libres"**
-Juan 8:32

Radio MAYA de Barillas TGBA
Barillas, Huehuetenango
Guatemala, C.A.

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AIR MAIL**

GUATEMALA PACED

INAUGURACION Radio MAM

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JUSTICIA

**CABRICAN-HUITAN ENERO 11
QUEZALTENANGO. 1975
GUATEMALA C.A.**

TRANSMITIENDO GRATAS NUEVAS ALEGRES
Telling the Good News Abroad

From
GUATEMALA
"Beautiful land
of the Quetzal"

Frequencies:
730 kc.
5,855 kc.

Facts:
The Quetzal national em
Guatemala, seldom sur
captivity, h
of liberty.

"If the Son
fore shall r
ye shall be
ed".
John 8:36.

Quality Radio Equipment Since 1942



GP-5/SSB

The CountyComm GP-5/SSB covers LW 150-520, AM 520-1710 kHz, shortwave 1711-30000 kHz (with SSB-Single Sideband reception) and FM band. The unique Easy Tuning Mode (ETM) scans all frequencies without taking up the memory spaces. Enjoy 550 regular memories (100 AM, 100 FM, 250 SW and 100 for SSB). The GP-5/SSB employs DSP (Digital Signal Processing) technology, improving clarity and tone quality. There is an adjustable sleep timer. The radio can be powered by three AA batteries (not included). It also has 5V mini-USB DC input jack. When using the USB jack, the radio can charge the batteries (rechargeable AA batteries only). Includes: directional, removable MW bar antenna, stereo ear buds, soft case, wire antenna and manual. Be prepared with this great value, GP-5/SSB Order #0905 \$79.95



C. CRANE SKYWAVE



The C. Crane Skywave receiver tunes AM, FM, shortwave (2.3-26.1 MHz), VHF air and the NOAA weather channels. You can directly enter a frequency or engage the auto scan and store feature. The LCD display is backlit. Features include: 12/24 hour clock, fast or fine manual tuning, 400 memories, 3.5mm earphone jack and S-meter. Operation is from 2 AA batteries (not included) or optional AC adapter. Comes with CC ear buds, manual and carry case. 4.75 x 3 x 1.2 inches. SKYWAVE Order #0034 \$89.95

Optional AC adapter for SKYWAVE. SKWVP Order #6434 \$14.95

TECSUN

R-9700DX



The Tecsun R-9700DX is a powerful, dual-conversion portable radio that covers AM (535-1610 kHz), FM and ten international shortwave broadcast bands: 3.7-4.25, 4.65-5.2, 5.85-6.4, 6.95-7.5, 9.45-10, 11.55-12.1, 13.45-14, 15.05-15.6, 17.55-18.1 and 21.4-21.95 MHz. Some people prefer analog over digital readout for simplicity and battery efficiency. Operation is very intuitive. Simply select the shortwave band of interest and dial up or down. Features include: mono & stereo LED, antenna jack, flip stand, Tone Switch, Local/DX switch. The backlighting may be set to auto or constant. Stereo FM is provided to the earphone jack. Operates from 4 AA batteries (not included) or included AC adapter. With: carry case, stereo ear buds, wrist strap, wire antenna and English manual. 7.1 x 1.35 x 4.55 inches 14 oz. R-9700DX Order #5970 \$55.95

eton FRX-5 SWL



The Eton FRX5 SWL Edition is your grab-and-go source for local and worldwide information. This special FRX5 SWL Edition receives AM, FM and 12 international shortwave broadcast bands: 2.3-2.6, 3.2-3.6, 3.6-4, 4.0-5.4, 5.6-6.4, 6.6-7.4, 9.1-9.9, 11.5-12.4, 13.5-14.4, 15-15.9, 17.1-18.3 and 21-21.85 MHz. The FRX5 is "quad" powered! It may be powered from solar panel, hand crank, built-in rechargeable lithium battery or three AAA batteries (not included). Wind the hand turbine for four minutes and you will produce enough power for 10-15 minutes of music, news and weather or one minute of talk time. You can also use the micro-USB cable to charge the FRX5's built-in rechargeable battery or pop in a couple of AAA batteries if you want to go old school. It features a digital display and alarm clock. If you want more than just the radio, there is an AUX-input to play your own tunes. If want to listen alone, just plug in your favorite headphones. There is also a bright LED flashlight in the side panel. Use the glow-in-the-dark locator and illuminated buttons when you're in the dark. And for big-time emergencies, flash the red emergency beacon. The FRX5 SWL has an IPX-4 splash proof rating so neither sleet nor snow nor rain will hamper its performance. Ideal for camping trips or preparedness. 5.8" x 7.1" x 2.3" 1.5 lbs. FRX5 SWL Order #6005 \$89.95

2016 WORLD RADIO TV HANDBOOK

This long established publication is filled with schedules, frequencies and addresses of shortwave broadcast stations. Organized primarily by country. Also includes a by-frequency listing of shortwave broadcast stations, radio club info., plus receiver reviews. WRTH Pub. ©2015 70th Edition. 672 p. List price \$49.95. Order #6016 \$44.95



WORLDWIDE LISTENING GUIDE

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



2016 SHORT-WAVE FREQUENCY GUIDE

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



THE EARLY SHORT-WAVE STATIONS A Broadcasting History Through 1945

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



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NASWA Notes

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

The summer doldrums are hopefully a thing of the past. It is time to start checking those antenna lead-ins, if you haven't done so already, and get primed for another season of hot DX opportunities on the shortwave bands. The pages of *The Journal* need your support so get active and report what you are hearing, verifying, or doing (musing, program notes, article, etc.) to the appropriate editor. It is membership support that provides the editors with their material for *The Journal*. Unity and Friendship is important in all aspects of the club's involvement. Thanks.

Last month *The Journal* ran a brief survey put together by **John Cooper** about holding a North American shortwave DX contest. Responses have been sparse so we are running the survey again in hopes to generate some more replies. Your input is needed so please take this opportunity to let us hear from you. Please complete the survey and return via e-mail to broadwing56@msn.com, or mail out to: John P. Cooper-734 Sally Ann Drive, Lebanon, PA 17046. Here are the questions:

1. Would you be interested in participating in a North American Shortwave DX Contest? Yes, No- (If no disregard the rest of the survey);
2. Would a \$5.00 entrance fee (\$3.00 for active NASWA Members) be too much? No, Yes- How much would you be willing to pay for an entrance fee? Please indicate;
3. How long should the DX - SW Contest last? 30 Days, 21 Days, 14 Days, Other- Please specify;
4. What type of prizes would you like to compete for? (Check all that apply), Cash Prize depending on number of DXers participating 1st-3rd place, Portable SW Receiver or other SW equipment Grand Prize up to \$150.00 value, Shortwave Book, Certificates for all participants with placement notated, Other-Please explain;

5. What contest categories would you be interested competing in? (Check all that apply); Number of DX Countries, Number of Stations, Other-Please explain.


Your survey responses will help us determine if there is interest in holding a shortwave broadcast DX contest this upcoming DX season. Please respond by simply indicating your response on a piece of paper and mailing it to John (or indicate in an e-mail). The official deadline was September 30 so please get your responses to John quickly. Thanks.

IBC is calling attendance at its 49th annual show in Amsterdam a "record breaker". They announced that 55,796 people from more than 160 different countries were in attendance during the six day event. Organizers said the exhibiting floor with over 1,800 exhibitors with 246 attending for the first time was a huge success. Next year will mark the 50th IBC event which is scheduled for Amsterdam on 14-19 September 2017. Two new DRM receivers, including the first DRM+ receiver were displayed to the public for the first time. New consortium member, Gopell Digital Technology presented the GR-216 which works in DRM30, AM and FM stereo. The other receiver unveiled was the PantronX Titus II, an SDR/Android tablet solution for DRM and analog, being in effect both a DRM+ and a multi-standard receiver. These new radios demonstrate the growing interest from receiver manufacturers in producing DRM capable solutions. The next day, two of IBC Digital Radio Mondiale members announced new transmitter deployments. However, at this stage of the game only time will tell if DRM becomes something more.

Don't forget to listen to Radio Free Asia (RFA) and send for the station's 20th anniversary QSL. Last month **A.J. Janitschek** of RFA informed us that in bringing a free press to closed societies, RFA's first began broadcasting in the Mandarin language on

Unity and Friendship

September 29, 1996 at 2100 UTC. The station broadcasts news and information to listeners in Asian countries where full, accurate, and timely news reports are unavailable thereby acting as a substitute for indigenous free media. RFA concentrates coverage on events occurring in and/or affecting Burma, Cambodia, Laos, North Korea, the People's Republic of China, and Vietnam. The QSL design is RFA's 62nd QSL and is used to confirm all valid reception reports from September - December 2016. RFA welcomes all reception report submissions at [\[techweb.rfa.org\]\(http://techweb.rfa.org\) \(follow the QSL REPORTS link\) not only from DX'ers, but also from its general listening audience. Reception reports are also accepted by email at \[qsl@rfa.org\]\(mailto:qsl@rfa.org\) and by mail to: Reception Reports, Radio Free Asia, 2025 M Street NW, Suite 300, Washington DC 20036. Don't forget to report those RFA QSL's to Sam Barto for inclusion in the QSL Report column.](http://</p></div><div data-bbox=)

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

Musings

Jerry Lineback • 3581 Sunview Dr. • Paradise, CA 95969-8106 • jalinebk@gmail.com

Please e-mail musings as MS Word attachments to jalinebk@gmail.com or mail to 3581 Sunview Dr., Paradise, CA 95969-8106. Next deadline is October 26, 2016.

Vince Henley, KB6GV, vincehenley@earthlink.net, Anacortes, WA
"The Pleasure of Old Radios, and the Memories of Older Ones"

In a reflective mood the other day, I contemplated some of the radios in my past. Some of those are long past, and have gone on to find either new homes or the scrap heap of history. Others are recent past and are still with me.

Over the years, I have sold or given away very few radios of any sort. My first short-wave radio of note was a Hallicrafters S-38B that some kind soul gave to a poor kid who had no money for such things. This inspired me to study for my first ham license and to work hard, save money and eventually buy and build a Heathkit DX-40 crystal controlled transmitter. Both of these found new homes when I graduated from High School and went on to other things. The S-38B was about as bad a receiver as you might imagine. It had no stability whatever, a dial that wasn't even remotely correct as to a frequency indication, and AM/CW reception only. But, in those days, the bands were crowded with the likes of Radio Moscow, VOA and the BBC every few kilohertz and I was content. Listening to hams on 75M AM inspired me to become licensed myself.

Eventually, when I was fully employed, I acquired a Hallicrafters SX-101A in the very early 1960s when those receivers were thought to be among the best of the dedicated ham receivers. If you evaluated this receiver by weight, it would win, tipping the scales at seventy pounds. But, it was Ham Bands only, and lacked general coverage. Eventually it found a new home when I needed some extra cash more than I needed an expensive, limited radio.

My next radio of significance was a Grundig Ocean Boy general coverage portable that I bought when I lived in Germany in the late 1960s. By then, the cold war was heating up, China was asserting itself on the airwaves and generally scaring everyone with bellicose rhetoric, and the claim that they could afford to lose a billion people and still win a nuclear war. My Chinese friends were appalled as they gathered around that radio in my living room and translated the high points of the harangue for the rest of us. I had that radio, still limping along, until 2006 when it became permanently deaf to RF signals and the wooden case more-or-less fell apart. It was a good radio in its day, serving me well for several foreign assignments. It was a worthy competitor to the old Zenith Trans-Oceanic, but nothing lasts forever.

When I became interested in Ham Radio once more, inspired by a friend on assignment with the US Embassy in New Delhi, India, I acquired a Kenwood TS-820, which I still have right here in its original box. However, this transceiver did not have general coverage receive, so I purchased a Yaesu FRG-7. I then promptly enhanced it with all the modifications offered by Gilfer Radio and happily tuned around the bands listening to broadcast and utility frequencies to my heart's content. You remember Gilfer Radio, don't you? Long gone now, but a stalwart vendor in those days for those of us interested in shortwave reception. I still use their log sheets in my current listening. The TS-820 and FRG-7 combination lasted quite a while as my mainstays in listening, the TS-820 was supplanted by a TS-940S, and the FRG-7 was replaced by an ICOM IC-R71A. The FRG-7 found a new home with another person interested in shortwave and I still have the TS-820.

You might remember the IC-R71A as perhaps the only receiver guaranteed to lose its brains and become inoperably insane when the battery powering its volatile programming memory died. The only cure was to pack the thing up and send it back to ICOM for a new battery and a brain transplant. Various schemes were developed by users to replace that battery without losing the programming memory, but the usual choice was to sell the radio, with the proper caveats and warnings, to someone else and let them deal with it. That's exactly what I did. It was a good radio, but one always worried that the day would come when you threw the switch and nothing happened.

For AM Broadcast Band DXing, I must mention the GE Superadio. I have two of them. They have an analog, string-driven, inaccurate dial, poor FM performance, but superb sound from a two-speaker woofer-tweeter system and excellent AM Broadcast RF performance. People in the AM Broadcast DX world still covet these radios, long since discontinued. You can find schematics, modifications, service manuals, FAQs, hints and tips, disassembly instructions and much other information for these radios on the net. I don't use mine very much anymore, but I still have two of them. I think it's a cult of sorts, but for whatever reason, these radios have endured far beyond their commercial availability.

The other day I noticed some dust on the last radio I'll mention here. It is a Sony ICF-2010, arguably one of the best portables ever made. I was sufficiently far sighted that when Sony discontinued these radios, I bought a supply of all the spare parts I could find for this model, including the front-end FET, which has a reputation for getting zapped unless you have modified the radio antenna input with diode limiters, which I have also done. So, I have a collection of spares and somewhere, probably packed away when I last moved, a service manual.

I cleaned the dust off this radio and then, having a couple of spare hours in my day, sat down and began to listen across the bands, scanning each one individually. I must confess that I had forgotten what a superb radio this is, probably one of the best ever made. We can discuss whatever shortcomings it has, and some features we would like to have, or ones that we would prefer to work differently, but overall it is a great example of some of the best receiver technology ever offered to the shortwave listening public in a portable radio. I was sufficiently impressed that I have been using the radio frequently enough now that it isn't collecting dust any more. It sits on a table next to my main listening post where it reminds me that radios are meant to be used.

If you, like me, have more radios than you can remember or name, dig out an old one, extend or hook up an antenna, and listen for a while. I probably will still be acquiring radios when I'm too feeble or hearing impaired to use one, but until then, I intend to devote at least some of my listening time to the pleasure of old radios. Try it. You may be surprised and discover an old friend under all that dust.

Thanks for Vince's contribution, 73 de KOJAL



Listening Review

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

Hello and welcome to Listening Review for October.

All India Radio General Overseas Service

AIR have a great range of programs, but I have always found it a challenge keeping track of what program is on which day and which time. The introduction of the AIR daily Cuesheet at <http://airworldservice.org/cuesheet/cuesheet.pdf> is very useful for planning that day's listening, but it is still difficult to plan ahead.

Three months ago, I embarked on a little project to compile a Program guide for AIR GOS, and here it is. Please note that it is *only a Guide*. Programs are regularly switched around to accommodate special features, and on occasion regular features may be a little longer (or shorter) than normal resulting in further adjustments.

I hope that you find it useful.

GOS IV: 1745-1945UTC

Sunday

- 1745 Devotional Music
- 1800 News
- 1810 Commentary
- 1815 Hindustani Classical Music (Vocal)
- 1830 Welcome to Studio 1 (1)
 - Dateline Delhi (2,5)
 - Diplomat's Diary (3)
 - Of Films (4)
- 1900 News
- 1905 Indi-Pop
- 1910 Women's World
- 1920 Film Duet
- 1930 Commentary
- 1935 Film Duet

Monday

- 1745 Devotional Music
- 1800 News

- 1810 Commentary
- 1815 Hindustani Instrumental Music
- 1830 Welcome To Studio 1 (1)
 - Faithfully Yours (2,3,4,5)
- 1840 Welcome To Studio 1 - continues (1)
 - Moods (2,3,4,5)
- 1900 News
- 1905 Press Review
- 1910 Faithfully Yours (1)
 - Economic Review (2,4)
 - My Dateless Indian Diary (3,5)
- 1920 Carnatic Classical Music (1)
 - Light Music (2,4)
 - My Dateless Indian Diary - continues (3,5)
- 1930 Commentary
- 1935 Destination India
- 1940 Indi-Pop or Moods

Tuesday

- 1745 Devotional Music
- 1800 News
- 1810 Commentary
- 1815 Hindustani Classical Music (Vocal)
- 1830 Indian Heritage
- 1840 Artist of the Day
- 1850 Regional Songs
- 1900 News
- 1905 Press Review
- 1910 Of Persons, Places & Things (1,3,5)
 - Cities of India (2)
 - Our Guest (4)
- 1920 Artist of the Day
- 1930 Commentary
- 1935 Destination India
- 1940 Indi-Pop

Wednesday

- 1745 Devotional Music
- 1800 News
- 1810 Commentary
- 1815 Hindustani Instrumental Music
- 1830 Movies on the Radio (1)
 - Delhi Chronicle & One Film (2)
 - My Passion in My Words (3)
 - One Film (4)
 - Music Box (5)

- 1850 One Film or Light Music
 1900 News
 1905 Press Review
 1910 From AIR Archives (1)
 Science Scan (2,4)
 One Film (3)
 India & The World (5)
 1920 Carnatic Classical Music
 or Light Music or One Film
 1930 Commentary
 1935 Destination India
 1940 One Film or Music Box
- Thursday
- 1745 Devotional Music
 1800 News
 1810 Commentary
 1815 Rabindra Sangeet
 1830 Pot Pourri (1)
 India on the Move (2,4)
 Gems of India (3)
 Easy Melodies (5)
 1840 Hindustani Instrumental Music
 or Easy Melodies
 1900 News
 1905 Press Review
 1910 Easy Melodies
 1930 Commentary
 1935 Light Classical Vocal Music
- Friday
- 1745 Devotional Music
 1800 News
 1810 Commentary
 1815 Hindustani Classical Music (Vocal)
 1830 Focus (alternates with:) Horizon
 1850 Light Music
 1900 News
 1905 Press Review
 1910 India This Week
 1920 Memories Linger On
 1930 Commentary
 1935 Memories Linger On
- Saturday
- 1745 Devotional Music
 1800 News
 1810 Commentary
 1815 Hindustani Instrumental Music
 1830 Music Box (1,3,4,5)
 Indian Cinema & Music Box (2)
 1900 News
 1905 Press Review Postcard from India
- 1910 Stumped
 1930 Commentary
 1935 Light Music
- GOS V: 2045-2230UTC**
- Sunday
- 2045 Carnatic Instrumental Music
 2100 News
 2105 Commentary
 2110 Film Duets
 2130 Welcome to Studio 1 (1)
 Dateline Delhi (2,5)
 Diplomat's Diary (3)
 Of Films (4)
 2200 News
 2210 Commentary
 2215 Women's World
- Monday
- 2045 Press Review
 2050 Folk Songs
 2100 News
 2105 Commentary
 2110 Hindustani Instrumental Music
 2120 Faithfully Yours
 2130 Welcome To Studio 1 (1)
 Moods (2,3,4,5)
 2140 Welcome To Studio 1 – continues (1)
 Moods (2,3,4,5)
 2200 News
 2210 Destination India
 2215 Economic Review (2,4)
 Moods or Light Music (1,3,5)
- Tuesday
- 2045 Press Review
 2050 Carnatic Instrumental Music
 2100 News
 2105 Commentary
 2110 Hindustani Classical Music Vocal
 2120 Indian Heritage (1,2,4,5)
 2130 Artist of the Day
 2150 Indi Pop
 2200 News
 2210 Destination India
 2215 Of Persons, Places & Things (1,3,5)
 Cities of India (2)
 Our Guest (4)
- Wednesday
- 2045 Press Review
 2050 Light Music
 2100 News

2105 Commentary
 2110 Orchestral Music
 or Hindustani Instrumental Music
 or Light Music
 2120 Movies on the Radio (1)
 Science Scan (2,4)
 My Passion in My Words (3)
 Music Box (5)
 2140 One Film
 2200 News
 2210 Destination India
 2215 From AIR Archives (1)
 Delhi Chronicle (2)
 One Film
 or Hindustani Instrumental Music
 (3,4,5)

Thursday

2045 Press Review
 2050 Carnatic Instrumental Music
 2100 News
 2105 Commentary
 2110 Light Classical Music
 or Light Music (1,2,4,5)
 Gems of India (3)
 2120 Pot Pourri (1)
 India on the Move (2,4)
 Gems of India - continues (3)
 Easy Melodies (5)
 2130 Classical Half Hour (1,2,4,5)
 Gems of India - continues
 & Easy Melodies (3)
 2200 News
 2210 Commentary
 2215 Easy Melodies

Friday

2045 Press Review
 2050 Light Music
 2100 News
 2105 Commentary
 2110 Focus (alternates with:) Horizon
 2130 Orchestral Music
 or Hindustani Classical Music
 2140 Memories Linger On
 2200 News
 2210 Commentary
 2215 India This Week

Saturday

2045 Press Review
 2050 Regional Song
 2100 News

2105 Commentary
 2110 Hindustani Instrumental Music
 &/or Music Box
 2130 Stumped
 2150 Music Box
 2200 News
 2210 Commentary
 2215 Hindustani Instrumental Music
 or Music Box (1,3,4,5)
 Indian Cinema (2)

GOS I: 2245-0030UTC

Sunday

2245 Devotional Music
 2300 News
 2310 Commentary
 2315 Carnatic Instrumental Music
 2330 Welcome to Studio 1 (1)
 Dateline Delhi (2,5)
 Diplomat's Diary (3)
 Of Films (4)
 0000* Indi Pop
 0005* Women's World
 0020* Film Duet
 0030* News
 0035* Commentary

Monday

2245 Devotional Music
 2300 News
 2310 Commentary
 2315 Hindustani Instrumental Music
 or Light Music
 2330 Welcome to Studio 1 (1)
 Faithfully Yours (2,3,4,5)
 2340 Welcome to Studio 1 - continues (1)
 Moods (2,3,4,5)
 0000* Press Review
 0005* Faithfully Yours (1)
 Economic Review (2,4)
 My Dateless India Diary (3,5)

0015* Moods

0030* News
 0035* Destination India

Tuesday

2245 Devotional Music
 2300 News
 2310 Commentary
 2315 Hindustani Classical Music (Vocal)
 2330 Indian Heritage
 2340 Indi Pop
 2350 Artist of the Day

0000* Press Review
 0005* Of Persons, Places & Things (1,3,5)
 Cities of India (2)
 Our Guest (4)
 0015* Artist of the Day
 0030* News
 0035* Destination India
 Wednesday
 2245 Devotional Music
 2300 News
 2310 Commentary
 2315 Carnatic Instrumental Music (Vocal)
 or Light Music
 2330 Movies on the Radio (1)
 Science Scan (2,4)
 My Passion in My Words (3)
 Music Box (5)
 2345 Light Music (1,3)
 Hindustani Instrumental Music
 (2,4)
 Music Box (5)
 0000* Press Review
 0005* From AIR Archives (1)
 Delhi Chronicle (2)
 Destination India (3)
 One Film (4)
 Hindustani Instrumental Music (5)
 0015* One Film
 0030* News
 0035* Destination India
 Thursday
 2245 Devotional Music
 2300 News
 2310 Commentary
 2315 Carnatic Instrumental Music
 (1,2,4,5)
 Gems of India (3)
 2330 Pot Pourri (1)
 India on the Move (2,4)
 Gems of India – continues (3)
 2340 Easy Melodies (1,2,4,5)
 Gems of India – continues (3)
 2350 Easy Melodies
 0000* Press Review
 0005* Easy Melodies
 0030* News
 0035* Destination India
 Friday
 2245 Devotional Music
 2300 News
 2310 Commentary
 2315 Light Music

2330 Focus (alternates with:) Horizon
 2350 Memories Linger On
 0000* Press Review
 0005* India This Week
 0015* Memories Linger On
 0030* News
 0035* Destination India
 Saturday
 2245 Devotional Music
 2300 News
 2310 Commentary
 2315 Light Music
 2330 Music Box (1,3,4,5)
 Indian Cinema (2)
 2340 Hindustani Instrumental Music
 0000* Postcard from India
 0005* Stumped
 0025* Music Box
 0030* News
 0035* Commentary

Notes:

0000* = Program is actually the *following* UTC day

Numbers in brackets, eg (1) .. (5) denote week of the month for non-weekly programs.

In the guide above, I have rounded all start times to five minute slots – in practice some programs may start slightly earlier or later than shown.

I have also compiled the program guide for the 1000 and 1330UTC transmissions, but I do not have sufficient space to include those here. However, I will upload this to the NASWA Yahoo Group files area, or alternatively please email me and I can send it to you as a PDF file.

Comments on AIR programming, or any comments about any programs that you hear will be very welcome.

Until next time 73 and Good SWL - Alan

Shortwave Center

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

I suppose you would have to say that we have a definite Australian theme running through this section this month – whether about or from the “land down under”. We begin with some background on the closing BBC Monitoring facility at Caversham Park, but after that it’s all Australia, all the time. Good reading...and good listening!

SHORTWAVE NEWS

Caversham Park: End of an Era for BBC Listening Station

By Alex Regan

BBC News

For nearly 75 years **BBC** staff at a sprawling stately home on the outskirts of Reading have been listening in to some of the world’s most seismic events, from Nazi Germany’s occupation of Europe to the death of Stalin and the Cuban Missile Crisis.

Since 1943 Caversham Park has been the home of **BBC Monitoring**, whose offices still summarize news from 150 countries in 100 different languages for the BBC.

But after a £4m funding cut, the remaining journalists, academics and translators are to leave the country estate for new offices in London.

As the international newsgathering service enters a new chapter of its life, BBC News examines how Caversham Park shaped the news agenda in the mid-20th Century.

World War Two

The monitoring service began at the outbreak of war with Germany in 1939, with its primary purpose to inform the War Office of propaganda by Nazi-controlled media outlets and the broadcasts of other Axis Powers.

It initially set up camp in shacks around Wood Norton, Worcestershire, but by 1943 the service had commandeered Caversham Park, which was at the time being used as a hospital.

The recorded history of the site goes back to the Domesday Book when it was inhabited by relations of William the Conqueror; but by the 20th Century it was being used by the Catholic Oratorians as school. By 1941, the premises had been transferred to the BBC.

Monitoring staff at Caversham would transcribe and summarize 240 broadcasts into an 80,000-word document called the Daily Digest. This was swiftly delivered to London by war dispatch drivers.

BBC Monitoring played a key role in tapping communications made by Hellschreiber (a kind of teleprinter) from Nazi Germany’s propaganda minister Joseph Goebbels to newspaper and radio networks. A site outside London was chosen in part because it was less likely to suffer bomb damage.

By the end of the war 1,000 people worked at Caversham Park helping to provide the War Office and BBC journalists with up-to-date information from Axis Power news agencies.

People of many nationalities worked at the monitoring station, including German-Jewish refugee Karl Lehmann, whose family fled Nazi rule.

He said: "It was a very sociable place to work, in fact staff would often come in on their off days and eat in the canteen, which greatly eased the effects of rationing.

"There was a library in the building, and the park - so a pleasant place to spend a day off. In fact, the building was almost like a club and the service was like one big family - even though there were nearly 1,000 of us here in total, from monitors to engineers and editors.

"We were all totally united in the one aim of winning the war."

The Cold War

Shortly after the end of World War Two the service halved to about 500 members of staff, and attentions were turned to the burgeoning threat of the Soviet Union. The service covered the Soviets' invasion of Hungary in 1956 and the building of the Berlin Wall in 1961.

It played a key role in the Cold War, monitoring the events of the Cuban Missile Crisis as the USA and Soviet Union came close to nuclear conflict.

In 1962 President John F Kennedy told Soviet Premier Nikita Khrushchev to dismantle Russian missile sites in Cuba or "face the consequences".

BBC Monitoring listened in to Khrushchev's response, which was broadcast on Moscow radio.

He said: "The Soviet government has ordered the dismantling of the bases and the despatch of the equipment to the USSR. I appreciate your assurance that the United States will not invade Cuba."

Monitoring contacted the White House through its US counterpart before Kennedy

received Khrushchev's official response.

Author and journalist Michael Smith worked at Caversham Park initially as an engineer, and then as a journalist in the 1980s until 1990. He said: "I'm sure [BBC Monitoring] were part of it and important. At that stage their ability to know what was coming from Russia was tremendous."

He added: "We were able to report on global news without being on the front line; it really crossed the divide between news and intelligence-gathering.

"I remember being the duty editor and news of the fatwa on Salman Rushdie came through from [Iranian] radio. At that time no-one in England knew what a fatwa was."

The Service Today

BBC Monitoring still listens in on radio transmissions from around the world, as well as translating and analyzing print journalism in 100 different languages, but the journalists and academics now have the added task of scouring the internet for news.

In 1991 the Berkshire-based listening post heard a live broadcast of Somali rebels taking over a government-run radio station in Mogadishu at the outbreak of the country's civil war.

BBC Monitoring also analyzed the fall of Gaddafi during the Libyan Civil War by listening to medium-wave radio signals and using satellites to watch TV broadcasters in the country.

Throughout World War Two and the Cold War, little was known of **BBC Monitoring** and it was heavily financed by the Ministry of Defence and Foreign Office, as well as the **BBC World Service**.

But in 2010 during license fee negotiations, it was decided that **BBC Monitoring** would be funded by license fee-payers. Currently it employs 320 staff in all corners of the globe, but the one constant that has remained for nearly 75 years is its base in Reading.

For more than half of the 20th Century, staff at the idyllic country house eavesdropped on the world, but shortly that will be no more.

Mr. Smith said: "It's a tremendous shame that we're getting rid of it."

SHORTWAVE STATION PROFILE

Unique Radio, Australia's New Low Powered Broadcaster

By Richard A. D'Angelo

The Journal of the North American Shortwave Association

Recently, I came across a new radio station being relayed by **WINB** in Red Lion, Pennsylvania.

Unique Radio is owned and operated by Tim Gaynor of Halls Creek, New South Wales (NSW) in Australia. Initially he established a low powered shortwave operation in his home country that has a fairly limited audience. Now he has expanded his scope to broadcast to North America through the facilities of **WINB**. Where he goes from here is anyone's guess but I suspect we have not heard the last from Tim Gaynor. The following is based on information provided by Unique Radio's owner / operator. Tim looks forward to being in touch with his listeners so feel free to write to him when you tune across his operation.

Unique Radio is a licensed station through Australian Communications and Media Authority (ACMA) and on a high frequency domestic license from Halls Creek NSW Australia. The station has formally been on air since 18 March 2016 with around 80 watts pep from Halls Creek NSW, Australia near Tamworth City 55 kilometers west to the Halls Creek transmitter site. Although it is licensed for 1 KW day operation on 3210 kHz and it is powered by an RF Com 'The Fox' shortwave exciter (100 watt PEP max RF output), it has been heard with audio in New Zealand, parts of central west New South Wales, Southern Queensland and Northwest New South Wales, during

evening hours. The station's primary coverage is Tamworth & Northwest NSW but can be listened to elsewhere. There have been periodic tentative loggings of **Unique Radio** along the West Coast. This upcoming DX season hopeful provides opportunities for this low powered Australian station to travel across the Pacific Ocean.

Unique Radio's owner, Tim Gaynor, came from a community radio background for many years including stations such as *2youfm* Tamworth, NSW and *4OUR FM* Caboolture, Queensland the latter in the late 1980's in its formative years and *2youfm* both before and after that time up until fairly recently. Tim isn't impressed with radio in his home country these days, "The radio scene in Australia is dismal and even our own *Radio Australia* is looking like reducing output hours due to budget cuts, although, this has been coming for quite some time." That is one of the main reasons why he launched **Unique Radio**.

Despite the larger ambition of reaching a shortwave audience, the current transmitter site isn't real suitable for shortwave propagation as it's surrounded by a valley with hills and trees. Notwithstanding those obstacles, **Unique Radio** has been heard well in the amateur community as radio amateurs tend to have sophisticated external antennas of better proportions, i.e., bigger antennas and better reception, making reception possible in certain parts of the country.

Although currently licensed for 3210 kHz, **Unique Radio** hopes to move the transmitter to Gunnedah NSW, around ninety kilometers west of the current site by the end of

the year. The station has a non-commercial license so the broadcasts will not carry any advertisements but **Unique Radio** can sell airtime. As mentioned previously, **Unique Radio** is owned and operated by Tim Gaynor who conducts operations mostly on a hobby basis and for people interested in grass roots programming and good laid back music. It's also online through www.uniqueradio.info.

The station has also applied for more licenses in Northern NSW including 1647 kHz Tamworth, New South Wales, which is due on air shortly from studios in Peel Street Tamworth, NSW in Australia. This will make for a real interesting medium wave DX target!

In August 2016, **Unique Radio** started to lease airtime on shortwave station **WINB** 9265 kHz from Red Lion, Pennsylvania. Initially they were on 0300 UTC Friday, or from 11:00 PM Eastern Time Thursday evening; that's when I heard them broadcasting. However, due to poor propagation in North America the station decided to try mornings from 1100 UTC which is 7:00 AM Eastern Time commencing 27 August targeting North America and the Pacific region. Tim notes, "We will interested to know if anyone in New Zealand and Australia can receive these transmissions in their evenings. Reports welcomed."

The program length is a full hour which is hosted by owner Tim Gaynor. The station is hoping to provide some coverage of New Zealand and perhaps Australia in their evenings. If you hear **Unique Radio**, Tim is an excellent replier to listener reception reports. The station can be reached electronically at manager@uniqueradio.info. Alternatively, you can write to the station the old fashion way, using the postal service, but include return postage: **Unique Radio**, 2/540 Peel Street, Tamworth NSW 2340, Australia.

Unique Radio provides airtime at both a cost basis and also on a free interest basis for non-profits. The owner, Tim Gaynor is also a keen dxer and SWL and has a receiving station at Halls Creek, NSW. While the station doesn't believe that low powered ser-

vices on shortwave will ever make money, owner/operator Tim Gaynor is hopeful that the 1647 kHz service will make some income once established. That will enable him to continue with the shortwave service both from Australia and by using overseas relays to expand his audience potential.

From the station's website it notes that 1647 **AM Unique Radio** provides a local service to Tamworth City and it invites listeners to become a supportive sponsor. It also notes that 3210 Shortwave **Unique Radio** provides an alternative and welcomes new program producers to air their wares at a reasonable price. It sounds like a new world of radio opportunities has opened up "down under" for radio enthusiasts and radio experimenters!

But why should interested broadcasters sign up to use **Unique Radio**? The best advice on offer comes directly from the station's website: "We are a small radio broadcast operator and because we are small we can give you personal service with very cost affective rates and we can get your message out there in Northwest New South Wales and elsewhere using digital streams on the internet."

The operators and license holders have a current issue with ACMA and its shortwave allocations of all operators on three set frequencies of 2386.5 kHz, 3210 kHz, and 5045 kHz although 2355 kHz and 5050 kHz have in the past been allocated as well. So it won't be so good if multiple operators fire up within 600 kilometers of each other. All operators are generally in touch with each other to try and work around this. To date Tim Gaynor is only the second private operator on air on domestic shortwave in Australia (**Vintage FM** was the first) but the only one on air at this time other than the ABC Northern Territory (Australian Broadcasting Corporation) from Alice Springs, Katherine and Tennant Creek.

Unique Radio is concerned about the reduction of international shortwave services, especially for people who need these services in remote areas, around the world. However in some areas including Africa, Asia and the Middle East, shortwave seems

to be thriving and the station is happy to see many private services operating in Europe and the United States. **Unique Radio** likes for a station to inform people about alternative subject matters not currently on mainstream media. So, a balance of their programs tends toward topical information and music which seems to be what they now provide on their broadcasts. Commenting about programming Tim notes that "I program a lot of music I grew up with and generally easy to listen to music. There is too much 'crash and burn' music on air elsewhere."

Tim notes that "I'm still learning about shortwave and it has been a steep learning curve both with domestic shortwave and international shortwave broadcasting." Consequently, Tim is very appreciative of listener reception reports and information with sound files. According to Tim, "Shortwave has always been a part of his life in my 52 years and I always had a shortwave radio as a child." As a result, Tim has keen memories of **WINB**, **KGEI**, **VOA** and **HCJB** in the 1970's through to now. Of course, **KGEI** is not now operating, although there is an **HCJB** ministry in Germany on air, which he has yet to hear. (The **HCJB** outlet in Quito can still be heard in North America on a regular basis utilizing 6,050 kHz.)

SHORTWAVE RETRO RECEIVER REVIEW

Panasonic RF-B600

By Craig Seager

(Australian Radio DX Club)

I've got to admit up front that I've never owned an example of the receiver on center stage this month, though can say that it and I have little bit of shared history. You see, many years ago this esteemed publication carried a few full page ads for **Panasonic** receivers, and as part of a quid-pro-quo, a couple of sets were lent by the distributor for equipment displays at one or two of the large scale annual conventions we held at a hotel in Brighton (Melbourne). The **RF-B600** (aka **DR-B600**) was one of them.

As a long time shortwave listener, Tim uses a variety of equipment when tuning the band, "My current receiving equipment at Halls Creek is an FRG 7700 Yaesu communications receiver, an Elta 3350 table top which is actually a Tecsun, which is quite sensitive. Antenna's include a diamond BB7 vertical and 45 meter end fed wire which also doubles for 3210 kHz transmission of Unique Radio." Tim not only broadcasts on the shortwave bands but he uses the bands to gather news and information from around the world.

"We still broadcast on 3210 kHz Friday - Sunday night's Australian time and all transmission times are listed at <http://www.uniqueradio.info/schedule/>." Alternatively, try the **WINB** transmission listed above. As Tim indicates on his website, "We would also like to ask listeners for some interaction including how they started with shortwave listening, their location, their equipment, a reception report and even song requests (oldies). We look forward to your participation."

Here is one shortwave broadcast station that is looking to build an audience both at home and abroad. We wish them the best!

It would have been mid-1980s, and I recall driving overnight to attend in my red 1977 Holden Sunbird with yellow pinstripes down the flanks. Unfortunately, despite looking the part, the car was a lemon and displayed considerably less longevity than these radios have. At only 45,000 km on the odometer, I was defeated and broken, selling at the first offer.

Accordingly, I was able to spend some time with the Panasonic soon after its release to market, the fluoro lights of the hotel and a limited antenna notwithstanding. It's only in recent months that I've enjoyed a second encounter, courtesy of fellow Bathurstian

Phil Ireland, who managed to import one, no doubt at considerable expense. These sets have become quite collectible, despite being described by Osterman as "abundant", and never really sold in large quantities in this country, at least.

I guess that one would have to say that the **RF-B600** was the successor to the popular **RF-4900**, and though the silver and grey fascia was a groovier and more contemporary look, fundamental performance was not appreciably better. Added, though, were some modern features, in order to keep pace with prevailing technology and, of course, the opposition.

Notable improvements over the previous Panasonics included the addition of 9 (scannable) memory positions, and the abandonment of the 2 MHz 1st I.F. which was a major bugbear of the earlier series, famously plagued with images 4 MHz from the fundamental frequency. The **RF-B600** was also inherently more stable, and provided separate USB/LSB modes as a replacement for the previous coarse BFO switch and clarifier.

Direct frequency entry via keypad was also a welcome facility, an alternative to the two-speed tuning also offered via a well-sized rotary knob with finger detente. The fluorescent blue/green frequency display resolves to 100 kHz, and can be switched off to conserve power. Frequency coverage is from 150-29999 kHz, plus 87.5-108 MHz.

As with most Panasonic offerings, audio performance is excellent, via a 3.5" front-mounted speaker, complemented by separate bass and treble controls and a rudimentary ANL circuit. Jacks for headphones, external speaker and record-out are all present, and there is a nice world map with time zones on top of the cabinet, along with a handy carry handle at the side.

Regrettably, one can only describe this set as a high-end SWL model, rather than an intuitive choice for the serious Dxer. For a start, medium wave is only single conversion, and image rejection was not compa-

rable with the more fancied radios of the time. Selectivity was also a compromise, two positions available, 7 and 3 kHz (@ -6dB), with cheaper ceramic filters employed.

A built-in ferrite rod is included for medium wave reception, with a rod antenna doubling for shortwave and FM, in addition to wire terminals and SO-239 for external connections.

Portable operation is possible, using 8 D-cells (the battery compartment is under the belly, along with a flip-down bail). Separate AA cells are needed for memory back-up.

It is fair to say that the smart money in 1984/85 and beyond was starting to go on sets such as Icom's **R70**, and later **R71** - or for more cash, the sought after **Drake R7/7A** or **NRD 525**. The **RF-B600** sat mid-field with the likes of Yaesu's **FRG-8800**, the Philips/Magnavox **D-2999** and Uniden's **DX-1000**. All had the metal-look push-button switches on the front, and similar specifications.

The main problem over time with these sets has been those push-buttons, with many of them clagging up or requiring undue pressure to engage. Sometimes this is evidenced by buttons not locking in when depressed. Such issues are largely remediable through cleaning, but sometimes disassembly of front panels can be rather awkward, and some may choose not to take on the task. At least most of the other components are discrete, and failure is not all that likely, though service manuals and parts lists are readily available on-line.

So, in summary, the **RF-B600** didn't set the world on fire in its day, but is a nice example of mid-1980s receiver technology that provides a pleasant program listening experience. Unfortunately, used examples on popular auction sites tend to be at a premium that doesn't match performance, and the likelihood of having to pay expensive import freight is high. Accordingly, one for the "completest" collector only.

The Brandon Antennas: My Visit to the Former Radio Australia Transmitter Site

By Rob Wagner

(Australian Radio DX Club)

During our recent two month trip north from Mount Evelyn through Queensland and New South Wales, we had an opportunity to visit the former **Radio Australia** transmitter site near the little town of Brandon, about 85 km southeast of Townsville in Far North Queensland. Well, actually I visited the site while my wife Jan sat in the car, exhibiting a state of relative boredom!

Officially, I had not made arrangements to inspect the transmitters. We were just passing through the town one warm Sunday afternoon. The site is only 5km out of Brandon on Jack Road. The topography is quite flat, making it ideal land for the sugar cane plantations that grow vigorously throughout this region. Here you'll find the powerhouse 50 kW medium wave outlet of **4QN** Townsville on 630 kHz with local programming from the *ABC North Queensland* studios. This frequency is well heard across a 250 km radius during the daytime, and easily heard throughout most of Queensland (and well beyond) in the evenings. Indeed, **4QN** has been broadcasting reliably from the Brandon site to its local communities throughout all sorts of weather including many tropical cyclones since 1958.

However, in 1989 two 10 kW shortwave transmitters from the dismantled Lyndhurst transmitter site in Victoria were transported to Brandon for installation and operation at the beginning of April that year. Ten years later, a third transmitter was also added. In 2006, the old 10 kW units were upgraded with two new 20 kW DRM-capable RIZ transmitters from Croatia.

My long time DXing colleague, Craig Seager VK2HBT tells me that these RIZ transmitters were bought because they could oper-

ate between 6 and 26 mHz in either AM or DRM. However, they were only operated at 10 kW (as far as we know!). Craig indicated that running these senders at half power would have been a good energy saving (and hence cost-saving) measure while also potentially providing a longer transmitter life. **Radio Australia's** shortwave services from Brandon were finally decommissioned in March 2015.

However, on my recent visit I didn't see any of the transmitters. They were all tucked away in the transmitter buildings on the site, behind high wire fences. So, my camera could only capture the antenna systems there.

Craig advises that the two shortwave antennas are possibly TCI dipole arrays, ITU type HR2/2/x 6-12 MHz. Dipole curtain arrays have been an important part of high powered shortwave broadcasting. Techniques utilizing half-wave folded dipoles have enabled better wide-band operation. From my research, it would appear that the shortwave antennas used at RA-Brandon are possibly something similar to the now superseded TCI 611 model.

One antenna is set up at azimuth 10°, targeting Papua New Guinea, Kiribati, Samoa and other communities in the northern Pacific. The second antenna is at 80° azimuth, pointing towards the Coral Sea, the greater eastern Pacific communities including New Zealand, Cook Islands and Samoa. I confirmed these beam headings with my trusty iPhone compass!

Prior to the closure of shortwave broadcasts from Brandon in March 2015, the three frequencies of 5995, 9660 and 12080 kHz were in scheduled use, with reportedly very good reception observed throughout most of the targeted countries.

Although not currently in use, both antennas still appear to be maintained in good condition by *Broadcast Australia*, the company that leases the facility to the **ABC** and **Radio Australia**. It's pleasing to see that the antennas have not been dismantled yet. Hopefully, they might be used again one day.

There are two other antennas on this site. As mentioned earlier, there's the main **4QN** tower for 630 kHz medium wave. It's a monster! Of course, it needs to be large because of its low frequency allocation in the MW band. So prominent is this thing that you can see it on the horizon for many kilometers before you arrive at the site. In addition, there is another antenna, which

Craig and I believe is a backup antenna for medium wave, although it is absolutely dwarfed by the main **4QN** tower.

On my website (<http://medxr.blogspot.com.au/2016/09/the-brandon-antennas.html#!/2016/09/the-brandon-antennas.html>) are photos of the site from a variety of angles, focusing on specific antennas, feedlines and buildings. I was helped on the day by a bright blue cloudless sky, which proved to be a good backdrop for detailed clarity of the antennas. The camera's zoom lens helped, too! Many of the photos were taken on tiptoes, holding the camera high up above my head over the top of the wire fences.

SHORTWAVE HISTORY

ADRIAN PETERSON'S DIARY

Outback Radio in Australia

During the first few days of September, international radio monitors all around the world reacted with shock and amazement at the startling announcement that the three **ABC** shortwave stations in the Northern Territory of Australia were suddenly and abruptly closed. It was the well-known international radio monitor in Melbourne, Bob Padula, who discovered this unsavory information which he revealed to the world via the internet. The reason for closure was given as budgetary cuts.

However, in another subsequent announcement from Australia, it is stated that the three Outback Radio shortwave stations, **VL8A**, **VL8K** and **VL8T** were all reactivated at 9:00 am Sydney time last Tuesday, September 13. In spite of the fact that this new information is just as much welcome as was the previous announcement unwelcome, there still remain several unanswered questions.

It appears that all three stations were switched off simultaneously in the first few days of September, and according to

monitoring observations in Australia and New Zealand, they remained off the air. The reason for terminating this triple shortwave service was given as budgetary deficits.

Does this mean then that there were a lot of hidden local listeners in the desert regions of Central Australia who reacted against the closure? Or perhaps the reaction of a large number of international radio monitors around the world caught the attention of the radio authorities?

On all previous occasions of original construction and subsequent maintenance, each of the stations has been attended to usually consecutively, not usually simultaneously, due to the long distances involved and the paucity of local logistics and personnel. The distance between the two furthest stations, **VL8K** Katherine and **VL8A** Alice Springs, is in excess of 700 miles. It would seem then that the reason for the now temporary closure could hardly be maintenance. If so, then why no temporary fill in service from **Radio Australia**, Shepparton, as on other occasions?

However, we welcome the return of the three Outback radio shortwave stations, and we continue with our intention to present the story of these three unique shortwave stations as announced in *Wavescan* last week. This time: the historic backgrounds.

The three shortwave stations that are on the air in the Northern Territory are identified as **VL8A** Alice Springs, **VL8T** Tennant Creek and **VL8K** Katherine, each operating at 50 kW. This regional network of shortwave stations took its programming from the ABC medium wave stations in Darwin and Alice Springs, together with additional inserts of programming in Aboriginal languages.

Because of these recent circumstances, we are planning to present two major features in *Wavescan*, in which we tell the story of Outback Radio in Australia's Northern Territory. Today, we feature the earlier years.

The Northern Territory in Australia is a sparsely populated wide open territory, mainly an undulating desert, which is administered like a state within the Commonwealth of Australia. The territory encompasses half a million square miles with a population of only a quarter million. It is true, however, that the Great Australian Outback also encroaches into adjacent areas of five other mainland states.

The capital city of the Northern territory is Darwin on the north coast, and two of the main tourist attractions are Ayers Rock in the Red Center, and the nearby Olgas Rocks. Other tourist attractions include Kakadu National Park, Australia's largest national park, with its wild variety of 2,000 different plant species and its Aboriginal rock carvings.

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

the state government in Adelaide, South Australia.

The **5CL** license application requested 5 kW in the shortwave bands around 70 or 80 meters. However, the licensing authorities refused to issue a shortwave license for this purpose.

In response, **5CL** began to send some of its programming by landline to Melbourne during the next year (1929), where it was picked up by **3LO** and re-broadcast to the Northern Territory on shortwave from **VK3ME**, the AWA transmitter at suburban Braybrook. It is true also that **3LO-VK3ME** carried other programming at times for the benefit of listeners in the outback, even though their main emphasis was in providing shortwave coverage to England and the United States.

In 1938, another attempt was made to establish a shortwave station for specific coverage of Central Australia and the Northern Territory with a transmitter located directly south, near Adelaide in South Australia. However, this project was abandoned due to the war looming in Europe.

Ten years earlier, in 1928, an experimental 600 watt shortwave transmitter had been installed in a galvanized iron shack on top of a small rise near Lyndhurst in Victoria. Programming was taken from the medium wave stations **3LO** and **3AR** in Melbourne. Initially this transmitter was on the air without its own specific callsign, though subsequently, a combination callsign was adopted, **3LR**. Later again, the call was amended to **VK3LR**, and finally to **VLR**, with power increases over a period of time; 1 kW and then 2 kW, and 5 kW, and ultimately 10 kW.

Initially station **VLR** carried mixed programming from **3LO** and **3AR**, though subsequently, the National Programming from Sydney via **3AR** in Melbourne was on the air from this station. The coverage area for ABC programming over this transmitter was the outback, and on many important occasions, special programming was presented for outback listeners, including several daily bulletins of outback news. The Lyndhurst station **VLR** was finally closed in 1987.

When the 10 kW **VLG** was inaugurated at Lyndhurst in 1941, it served a dual purpose; the relay of **ABC** programming to outback areas, and the relay of **Radio Australia** programming to the world. This unit was on the air for a period of nearly half a century, and it too was finally closed in 1987.

Another 10 kW companion transmitter was installed at Lyndhurst in 1946 for outback coverage and this unit took a relay of **ABC** programming under the callsign **VLH**. Like **VLR** and **VLG**, this unit was also closed in 1987, along with all other **ABC** and **Radio Australia** shortwave services at Lyndhurst.

Over in Western Australia, the nation's largest state, a new shortwave station was under construction just at the time when war was looming over in Europe. This new shortwave service, initially at just 2 kW, was intended to give wide area coverage for the **ABC** in the outback areas of Western Australia and the Northern Territory. A new 10 kW was installed for **VLW** in 1960.

Then, in 1949, a 50 kW transmitter was installed under the callsign **VLX**. This unit was amalgamated into **VLW** in 1969, and


both shortwave services at Wanneroo were terminated in 1994.

Up in Queensland, likewise there were two shortwave services for the outback with a parallel from the **ABC** medium wave station at Bald Hills, a little north of the state capital, Brisbane. A new 10 kW **VLQ** was inaugurated in 1943; and a temporary 200 watt was installed 6 years later (1949) as **VLM**. This low powered unit was replaced by a 10 kW unit two years later again in 1951. The twin units **VLQ** and **VLM** were closed in 1993.

There was another shortwave station on the air in Australia that gave excellent though unintended coverage into Alice Springs and Central Australia and this was the low powered 2 kW **VLI** at Liverpool in outer suburban Sydney. **ABC** station **VLI** was inaugurated in 1948, and it was withdrawn from service in 1983 when apparently the transmitter failed electronically.

[A special thanks to Jerry Berg who transcribed this Wavescan script for presentation in The Journal.-ed.]

NASWA Yahoo Group

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

NASWA Facebook Page

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

Listener's Notebook

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

Times are UTC and frequencies in kHz.

ABKHAZIA Broadcast radio "Voice of Abkhazia" is disabled because of financial debts. Because of a small debt for the use of the transmission tower broadcasts off the radio "Voice of Abkhazia". Guide channel assumes that this has been done to address the vertical of power. In this regard, the board, "the Voice of Abkhazia" spreads a special statement. "August 19 Georgian government took another step towards the destruction of democratic values?? - disabled broadcast" Voice of Abkhazia. "The last few hours of radio could not broadcast, in this situation the company is harmed and problems arise in employment on the radio people. Therefore, we board members, become forced to turn to the Georgian authorities with a statement", - the statement reads. It stresses that "The Voice of Abkhazia" for several years successfully broadcasts, however, due to the unstable advertising market has recently decreased revenues, respectively, and the organization has had some financial difficulties. Radio Company notes that a large part of the debt has already been paid, leaving only 30% of that "Voice of Abkhazia" covers on schedule. "However, this morning we witnessed a "surprise" - because of the small debt tower cut off broadcasts "The Voice of Abkhazia". It is applied to a direct attack on freedom of expression and speech! We believe that we have carried out a targeted pressure. We call immediately restore the broadcast and provide us the period to cover the debt! We hope that you consider our problem and take appropriate action," - said in a statement the board "The Voice of Abkhazia". (apsny.ge; via RUSdx Aug 23/ TopNews) Voice of Abkhazia was on 9535 SW (not heard since Nov 2014) // 1350 MW (30 kW) and five FM frequencies. (Ed/DX Window)

ALASKA New schedule for KNLS effective from 18 August to 25 October:

Transmitter No 1

0800-0900 11870 English
0900-1000 11870 Russian
1000-1100 11870 English

1100-1200 11870 Russian
1200-1300 11870 English
1300-1400 9655 Chinese
1400-1500 11765 English
1500-1600 9655 Russian
1600-1800 9655 Russian

Transmitter No 2

0800-1100 9655 Chinese
1100-1200 9610 Chinese
1200-1300 7355 English
1300-1400 9920 Chinese
1400-1500 7355 Chinese
1500-1800 9920 Chinese
(knls.net 24 Aug/British DX Club)

ALGERIA Télédiffusion d'Algérie Opts for Ampegon: Algerian broadcaster Télédiffusion d'Algérie has enlisted Switzerland based company Ampegon to install shortwave transmission systems at two sites in Bechar and Ouargla. These new transmitters will enable TDA to broadcast shortwave without utilizing third-party vendors, says the company. Ampegon will develop turnkey solutions at both sites including two 300 kW shortwave transmitters, two shortwave antenna systems and civil works. The project is estimated to be completed at the end of 2016. Ampegon, in cooperation with Transradio, previously installed a 1.5 MW longwave transmission system in Algeria near Tipaza, and is presently modernizing two medium-wave transmitter stations in Bechar and Oulet Fayed. (Radio World via José Miguel Romero-Spain/PlayDX)

Turnkey project with transmitters and antennas to be installed for TDA at Bechar and Ouargla sites. Ampegon has received a major contract by Telediffusion d'Algérie (TDA) for development and installation of new shortwave transmission systems, enabling TDA to broadcast SW without purchasing airtime from third party vendors. Ampegon has been selected within a restricted international call to tender as supplier. The company had already successfully installed multiple projects in Algeria. In 2014, Ampegon in cooperation with Transradio replaced the 1.5 MW longwave transmission sys-

tems near Tipaza and is presently modernizing two mediumwave transmitter stations in Bechar 576 and Oulet Fayed 891. Ampegon will accompany TDA through the entire project - developing turnkey solutions at the two sites including two 300 kW shortwave transmitters, two shortwave antenna systems and civil works. All the antenna works will be carried out by Ampegon in Schifferstadt, Germany, while the transmitters will be designed and constructed at the Ampegon factory in Turgi, Switzerland. The multi-million Euro project will be finished within two years at the end of 2016. (Ampegon, Turgi-Switzerland, / Schifferstadt-Germany; Aug 21, 2015/TopNews)

ANGOLA 4951.9, R Nacional, Mulenvos (presumed), 1840, Sep 05, Portuguese, direct reportage of football, tiny signal under AIR on 4950, 22442. (Pankov-Bulgaria/DX Window)

ARMENIA 4810, Armenian Public R, Yerevan, 1915-1930*, Aug 24, Arabic comments, Armenian songs, 34433. (Méndez-Spain/DX Window)

AUSTRALIA 5055, a new HF domestic frequency has been opened up for usage in Australia & interestingly with it a new planned tx site. In this case the frequency is registered for a location in Newcastle, NSW. 5055 is the frequency & my suspicions proven correct that the owner behind the freq registration is Craig Allen of OzyRadio fame. (Ian Baxter via SWtxsite Aug 15) 5055 will be on air soon (Craig Allen at the ARDXC AGM, Aug 30)

AUSTRIA 6155.0, R Austria 1, Moosbrunn, 0600-0610, Aug 29, German, 55555. (Scholz-Germany/DX Window)

AZERBAIJAN The U.S. Broadcasting Board of Governors condemned the sentencing of Khadija Ismayilova, a reporter and contributor to Radio Free Europe/Radio Liberty's Azerbaijani Service. She was sentenced in Azerbaijan to seven and a half years in prison, the board said. "Ismayilova was arrested on politically motivated charges on Dec. 5, 2014, and has been held in pretrial detention since." According to a BBC news account, government officials and pro-government media outlets have accused her of being "pro-Armenian" or an "international agent." BBG Chairman Jeff Shell said the organization was "appalled" by the verdict, calling it retribution for the reporter's work on government corruption and an outcome

that "sends a warning shot to other journalists in the country." BBG said the Committee to Protect Journalists counts at least seven other journalists having been imprisoned in the country this year, and noted that RFE/RL's Baku bureau was raided and closed last December. RFE/RL says several of its employees have fled the country. According to RFE/RL, Ismayilova was convicted on charges of criminal libel, tax evasion, illegal business activity and abuse of power. It reported that no witnesses testified against her in court. (Radio World NewsBytes)

BHUTAN Usual local music and talks on 6035 at 0145. (Victor Goonetilleke-Sri Lanka 4S7VK/DXplorer Sept 5)

BOLIVIA 3310.00, R. Mosoj Chaski, Cochabamba, at 0915-0940 on Sep 5; prgm in Quechua, Biblical quotes from Santiago, folk mx w/ rlg contents. ID in Quechua. 44444. (Pedro F. Arrunátegui-Perú/DXplorer)

5952.47, Radio PioXII, Siglo XX, 0125-0138, 13-09, Spanish and Quechua, comments, song "Buenas noches corazoncito". Best on LSB. 13221. (Méndez-Spain/PlayDX) 5952.40, R. Pio XII, Siglo XX; at 0120-0145 on Sep 1; folk mx; ID in Quechua, "Radio Pio XII", prgm mainly in Quechua, some Spanish by moments. 44444. (Pedro F. Arrunátegui-Perú/DXplorer)

6024.97, Red Patria Nueva, La Paz, 2357-0001, Sep 09 and 11, Spanish advs, ID like "Rosso Radio Patria Nueva de Bolivia", longtime standing news and phone reports, 23322, a very frequent guest at this time. (Nilsson-Sweden and Pankov-Bulgaria/DX Window)

6134.8, Radio Santa Cruz, Santa Cruz de la Sierra, 0129-0140, 13-09, Spanish, comments, identification: "Por Radio Santa Cruz", Latin American songs. Interference Radio Aparecida. 12211. (Méndez-Spain/PlayDX) 6134.86, R. Santa Cruz, Santa Cruz; at 0010-0035 on 9/09; mx, news, ID: "Escucha Radio Santa Cruz, la primera", prgm: "El Informativo de Radio Santa Cruz", ID: "Santa Cruz una radio que sabe acompañar a su gente" 44444. (Pedro F. Arrunátegui-Perú/DXplorer)

BRAZIL 4765, Sep 6, 0320, Radio Integração relay Integração FM 99.9 MHz. OM anns Comerciais e passando várias músicas estilo sertaneja. sem

QRM, talvez Radio Progueso off hoje 6/9? (Uma das emissoras mais fracas a ser recepcionada no mundo em ondas tropicais), sobre ela ser tão fraca de sinal, eu não sei se há problemas no transmissor dela ou se eles trabalha com o mínimo de potencia, ou não sabem operar...) fico a 3.184 KM de distancia deles .. deveria receber um sinal muito melhor .. ficou em 25111 (Daniel Wyllyans-Brazil/SWBulletin)

4785, Radio Brazil. And the revival stations proceeds in tropical wave in Brazil, now was the time Radio Brazil in the city of Campinas. Currently, Brazil Radio operates on AM 1270 and now in tropical waves of 4785 with 5 kW, their transmission park is installed at Av Eng Figueiredo - Campinas currency - Valinhos, state of São Paulo... the station since the month of January is part of the Catholic network radio (RCR). Web Site: <http://brasilcampinas.com.br/>. Note: The radio called Radio Brazil Campinas. No Radio Brazil in 5000 Shortwave.info is wrong that name. (Daniel Wyllyans via HCDX) Radio Brasil 5000 - 4785 heard in Germany. RX Location: Central Germany, QRG: 4785, Date: Date: Sep. 08.2015 Time: 0004 (Rene Zapf) UPDATED: Rudolf Grimm; YL: 11': "Goodnight our Amazon dear ..." Note with headphones if it really is Radio Caiari the video. But please do not be mad at our European colleague are human and mistakes happen. Daniel, Phoned the Radio Brazil Campinas and the general manager confirmed to me: 1. they are being tested only with the carrier (this confirms what we have heard lately around here). 2. They are not putting the audio of the station that carries so far by technical difficulties. 3. There was no broadcast programming these days and even in recent times, given to repair problems in the transmitter and antenna. 4. Who intend to return to the air but rather within a period not known yet. My opinion remains the same and that: My listening to the tropical wave concunso this week DXCSF. 16- 4785 6/9

10:55 (Presumed Radio Caiari) There was a signal carrier, but I assume she was no audio, in the evening I went back to listen again and I presume that seemed to play a MX can even be Radio Caiari with Problemas in transmitter or a new station wanting to return to the air. (Daniel Wyllyans-Brazil/SWBulletin)

4845.01, 0135-0145, 19.9, Radio Cultura Ondas Tropicais, Manaus, AM Portuguese conversation. 25332. (Anker Petersen-Denmark)

4864.87, R Alvorada, Londrina, PR, 2257, Sep 11, very weak audio despite a strong carrier. Drifting a lot, but has not been noted above 4865 yet. (Nilsson-Sweden/DX Window)

4865.00, R. Verde Floresta, Acre; at 2345-0005 on Sep 9; nx, Greetings and messages; ID: "Radio Floresta". 44444. (Pedro F. Arrunátegui-Perú/DXplorer)

4885, R Clube do Pará, Belém, PA, 2110-2137, Sep 05 and 12, soccer, Costa Rica-Brazil, advs, 24322. (Méndez-Spain/DX Window) Also tentatively heard at 0300-0402, Sep 09, Portuguese, longtime speech on meeting or religious sermon, just at 0402 songs, 25332. (Pankov-Bulgaria/DX Window) 4885.00, R. Clube do Pará, Belém, PA; at 2315-2340 on Sep 6; play to play soccer, ads 33333. (Pedro F. Arrunátegui-Perú/DXplorer)

4895, Radio New Campo Grande Time Mato Grosso do Sul can return to the air in the next few weeks the transmitter will be evaluated by technicians. After several years of decreasing radio, this year in Brazil seems to be investing heavily in tropical waves, maybe because the AM migrate to FM in the coming years. But I assume they want to keep only FM and Tropical Wave to reach the region and the states of the Amazonia Legal. Comments direct with them and return requests can be sent to: radio@novotempo.com. (Thomas Nilsson-Sweden/SWBulletin)

4915, R Dif. Macapa, Macapa, AP, 0040, Sep 11, Portuguese, ID: "Diffusora Makhapa", advs, songs, 25342. (Pankov-Bulgaria/DX Window) R Dif. Macapa on 4915 back on the air after stolen antennas. (Petersen-Denmark/DX Window)

6135.23, 0235-0245, 12.9, Radio Aparecida, Aparecida, SP. Portuguese discussion. 35232. (Anker Petersen-Denmark/PlayDX)

9694.6, Radio Rio Mar, Manaus, 2035-2049, 05-09, Portuguese, live soccer match. Very weak. 14321. I did not hear this station for various years. (Méndez-Spain/PlayDX)

10000, Time Signal Station Observatorio Nacional, Rio de Janeiro, 2127-2135, Sep 13, time signals, Female anns: "Observatorio Nacional, 18 horas, 8 minutes, 50 Segundo", 22322. (Méndez-Spain/DX Window)

11735, QSL address Radio Trans Mundial, Brazil. Rudolf Grimm-BRA report: qsl@transmundial.com.br. Studio in Sao Paulo, Sender in Santa Maria RS. (Rudolf Grimm-Brazil via Christoph Ratzer-Austria. OE2CRM via TopNews) 11735, R Transmundial, Santa Maria, RS, 1032-1047, Sep 06, Portuguese religious comments, ID: "Transmundial.com.br", 14321. (Méndez-Spain/DX Window)

15190.2, R Inconfidência, Belo Horizonte, MG, 0850-0857, Sep 06, program "Term Caipira", 34433. (Méndez-Spain/DX Window) Also heard at 1942-2020. Sep 02 and 09-13, local music programme, soccer, "Campeonato Brasileiro, América 1, Náutico 0", 33333. (Giroletti-Italy and Méndez-Spain/DX Window)

CHINA Due to maintenance of the transmitters in Jinhua Sep.6-Oct.16, China Radio International will be suspended from those frequencies. (DX Mix, Bulgaria)

6035.0, Sep 1, 1155, PBS. Seemed at this time they daily give a language lesson (Vietnamese & Chinese); before 1155 have been hearing Chinese and after 1200 in Vietnamese; yesterday and today found with significantly better reception. Has been frustrating, as I have been attempting to hear ToH ID at 1200, 1300 & 1400, but no success due to the sudden increase in adjacent QRM at that time. Will keep trying! Thanks to Mauno Ritola for helping out with the correct ID. It is similar to their former ID: "I recorded the ID at 1100 [Sept 12] via Hong Kong remote rx, but it was too disturbed. Sounds like: "Yunnan Radio ... International. The Voice of Shangri-La" or similar. 73, Mauno". The recording he provided was much clearer than what I have been hearing. Especially clear were "International" (which is a new addition) and "Shangri-La," both of which I was having a hard time making out. Appreciate his clearing this up for me! (Ron Howard-CA/SWBulletin) 6035, Sep 10, 1300, PBS Yunnan. Sounds to me that they have reformatted their ToH format. Their ID had been "This is the Voice of Shangri-La, brought to you by Yunnan Radio." Now it is "Yunnan Radio . . . Voice of . . ." due to consistent ToH adjacent QRM, am unable to confirm just what the full ID is, but certainly did not sound like "Shangri-La." Also they have a new musical selection just at the ToH. Very frustrating with the QRM here. Since Sept 1, have noted a marked improvement in the Yunnan signal. Seems to be more than just a change in conditions, so perhaps they have improved their trx/antenna somehow? (Ron Howard-CA/SWBulletin)

CLANDESTINE Radio Biafra has launched a satellite television dubbed Biafra Television and a shortwave (SW) radio that will cover most Africa and beyond. According to the clandestine station, the frequency of the broadcast is 15560 kHz in the 19 meter band and hours of broadcast for the time being, 7.00 - 9.00 am and 7.00 - 9.00 pm Nigerian time. The station still broadcasts on FM, satellite and Internet, even though Nigeria National Broadcasting Commission (NBC) claim they have blocked them on FM and satellite, and would also do the same on Internet. Briefing Journalists last month after a meeting between officials of Ministry of Information and President Buhari, Dr. Shade Yemi-Esan, Permanent Secretary, Ministry of Information said: "Right now the signals from Radio Biafra have been jammed successfully by NBC. The commission is also working with security agencies to get those that are behind that radio because it is an illegal radio. It is not licensed by anybody to be on the airwaves in Nigeria." Nnamdi Kanu, Radio Biafra Director in a statement posted on their website, described their shortwave radio as "Nuclear War Head". It is unbelievable that Radio Biafra that is supposed to have had its wings clipped by NBC is now not only broadcasting in the South East and Niger Delta but now sending its air waves across Nigeria and Africa. Has NBC lost the air wave war with Radio Biafra? The answer will be known with what happens in the next few days. (Nigeria Master Web via Bob Wilkner-FL) Web site www.radiobiafra.co indicates this station is based in London. Their postal address is: Community Hall, Homerton High Street, London E9 6BP. The web site has a contact form for emailing. (British DX Club)

Radio Dandal Kura

0500-0700 on 7415 ASC Kanuri
0700-0800 on 15480 WOF Kanuri
1800-2100 on 11830 ASC Kanuri
(DX Mix, Bulgaria)

Radio Free Sarawak

1030-1200 on 15425 PUG Iban Mon-Fri
(DX Mix, Bulgaria)

Voice of Khmer M'Chas Srok

1130-1200 on 17860 DB Khmer Thu/Sun
(DX Mix, Bulgaria)

Radio ERGO

1200-1300 on 17845 DHA Somali
(DX Mix, Bulgaria)

Radio Free North Korea

1230-1330 on 15640 DB Korean
(DX Mix, Bulgaria)

Nippon no Kaze

1300-1330 on 9950 TSH Korean
1500-1530 on 9975 HBN Korean
1530-1600 on 9965 HBN Korean
(DX Mix, Bulgaria)

Voice of Wilderness (BVB)

1300-1400 on 11860 PUG Korean
1400-1430 on 11860 PUG Korean Sun
1900-2000 on 7375 DB Korean
2000-2030 on 7375 DB Korean Sat
(DX Mix, Bulgaria)

Radio Free Chosun

1300-1500 on 11570 TAC Korean
(DX Mix, Bulgaria)

Furusato no Kaze

1330-1400 on 9950 TSH Japanese
1430-1500 on 9960 HBN Japanese
1600-1630 on 9960 HBN Japanese
(DX Mix, Bulgaria)

CMN Cambodia Media Network Radio

2300-2330 on 7510 DB Khmer Sun/Tue/Thu
(DX Mix, Bulgaria)

Que Me

1200-1230 on 9930 HBN Vietnamese Fri
(DX Mix, Bulgaria)

North Korea Reform Radio

1430-1530 on 11550 PUG Korean
(DX Mix, Bulgaria)

Radio Abisinia

1600-1800 on 15470 TIG Amharic Sat
(DX Mix, Bulgaria)

Radio Xoriyo

1600-1630 on 17630 ISS Somali Tue/Sat
1600-1630 on 17870 ISS Somali Mon/Fri. Trans-
missions are jammed by Ethiopia with
white noise digital jamming.
(DX Mix, Bulgaria)

Oromo Voice Radio, Raadiyoo Sagalee Oromoo

1600-1615 on 17850 ISS Oromo Mon
1615-1630 on 17850 ISS English Mon
1600-1630 on 17850 ISS Oromo Wed/Sat. Trans-
missions are jammed by Ethiopia with
white noise digital jamming.
(DX Mix, Bulgaria)

Voice of Khaatumo, Codka Khaatumo

1700-1730 on 17580 ISS Somali Mon-Fri, ex Tue-Thu
(DX Mix, Bulgaria)

Voice of Oromo Liberation

1700-1730 on 17630 NAU Oromo Wed
1730-1800 on 17630 NAU Amharic Wed
1700-1800 on 17630 ISS Amharic Sun, Transmis-
sions are jammed by Ethiopia with white
noise digital jamming.
(DX Mix, Bulgaria)

Radio Assenna

1700-1800 on 15245 ISS Tigrinya Mon/Thu/Sat
(DX Mix, Bulgaria)

Eritrean Forum, EYSC Medrek

1700-1800 on 15245 ISS Tigrinya Tue/Fri/Sun
1700-1800 on 15245 ISS Arabic Wed
1800-1900 on 15245 ISS Arabic Sat
(DX Mix, Bulgaria)

Radio Inyabutatu

1800-1900 on 17605 ISS K'rwanda Sat
(DX Mix, Bulgaria)

Radio Republica

0000-0200 on 9490 ISS Spanish, ex 0000-0300
(DX Mix, Bulgaria)

Radio Miraya

0300-0600 on 11560 ISS English/Arabic
(DX Mix, Bulgaria)

Denge Kurdistan

0300-0500 on 11600 ISS Kurdish
0500-1415 on 11600 KCH Kurdish
1415-1700 on 11600 SCB Kurdish
1700-1900 on 11600 ISS Kurdish
(DX Mix, Bulgaria)

Extended schedule of Dimtse Radio Erena via
Secretbrod:

1700-1730 on 11855 Oromo, as scheduled
1730-1800 on 11855 Arabic, new from Sept. 9
(DX Mix, Bulgaria)

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

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

Inactive at present transmissions:

Radio Dialogue FM, no signal from May 21

1600-1657 on 12115 MDC English/Shona/Ndebele

Radio Imara, Radio Impala, no signal from May 18

1802-1857 on 17540 MDC K'rwanda/En/Fr Mon/
Wed/Fri

Sagalee Radio Risala-ti, Radio Risala International,
no signal from May 22

1830-1900 on 21620 ISS Oromo Fri
(DX Mix, Bulgaria)

12105, Received an eQSL from Radio Dialogue from
the secretary of the director (ttshuma3@gmail.
com). She did her best, sending me an eQSL cre-

ated on Powerpoint. I write this on behalf of Mrs.
Debra Mabunda, the Director of Radio Dialogue.
Kindly find attached the QSL Card confirming that
you were listening to our station. Best Regards,
Thabiso Tshuma (Miss), for and on behalf of Radio
Dialogue." (Ralph Perry-IL)

15560, Radio Biafra via (?) Aug. 30. 1915 to
1958 s/off. Noted at 1911 with a Loop Tape
of African Dance music by a group in vernaculars.
The lyrics were somewhat humorous as it was
oha...oha...oha... repeated for the chorus line.
The signal dropped off at 1921 and then gradually
improved as the terminator moved over Europe
heading westward. This type of programming
continued to 1958 sign-off, without any
identification or any announcements during this
time frame. I suspect that the Transmitter is
Issoudun based on how the signal dropped off,
the gradually improved as the Transmitter was
located in darkness. (Edward Kusalik-Canada/DXplorer)

15560, Radio Biafra via Issoudun Sept.1.15
Checked at 1800 hrs and just a weak carrier was
noted with no programming that was recognizable.
The Transmitter was still in full daylight.
Re-checked at 1910 and the signal improved to a
decent level, with a speech in vernaculars,
with English phrases. Again the same
propagation conditions happen the signal
dropped off and then came back with a much
strong reception. There was a speech aired by
the station on inauguration of this new service.
Managed to coach this English at 1932 as
...."Thank you very much. Details of our
special opening ...repeated today... our
time for our station, Radio Biafra to be on the
air..." By 1948 reception was quite good,
and followed 'Hello, and what is your question?
The question was asked, followed with a
response from the announcer. 1953 another
good indication of this station as 'You are
listening to Radio Biafra... for information,
material ...and broadcasting on many,
many hours...we want the world to know'
But did not give a website and further
indication for contact information. The
transmission was cut at 1958 hrs which to me,
is an indication of the style TDF uses for
their broadcasters. I wonder if this station
has any affirmation with Radio Biafra
International which was heard on 12125
(via Samara Russia - Verified) and via
WHRI relay (Verified)??? (Edward Kusalik-Canada/DXplorer)

COLOMBIA 5910 & 6010, Aug 29 at 0110,
no signals from HJDH and HJDH. I asked
HJDH QSL manager Rafael Rodriguez R. in
Bogotá why they are off,

and received this rather surprising reply (my translation): "Best Regards, Mr. Hauser, Earlier this year, Martin Stendal was linked by the Colombian Attorney General in an investigation for alleged support he would give the Colombian guerrillas of the FARC. He was accused by two former guerrillas seeking economic and legal benefits, incriminating Martin. The investigation determined that the work he carried out in no way could be interpreted as support for the FARC, because what he does is just evangelize and seek peace in Colombia. Among the accusations, it was mentioned that he used the shortwave broadcasters to send encrypted messages, something that was not proven, but during the period of the investigation he preferred to keep them off the air. At the end of May he was exonerated of any accusations. He also suffered the loss of his father, who started the evangelical work here in Colombia. After that I could not really have direct contact with him. I am informed he has decided to wait until all the investigation calms down and he is not currently in Colombia. The organization decided to perform preventive maintenance on the equipment which already had some flaws, but an ongoing problem in the area where the transmitters are located is the electricity supply (ups and downs, absence, etc.). After the maintenance it was decided to hold off until the situation is regularized, through a power plant fueled by diesel. Actually I have no official information about ceasing broadcasts on shortwave, but all the work that Martin and his organization developed is going through changes. I am confident that sometime soon they will reactivate transmissions. PS. I send you some links about the situation experienced by Martin with Colombian Attorney General, which has been solved for the better: American missionary with alleged links to the FARC has been released: <http://www.noticiasrcn.com/nacional-justicia/quedo-libertad-misionero-norteamericano-presuntos-vinculos-las-farc>. The failed assignment of the prosecution in the case of the missionary: <http://www.semana.com/nacion/articulo/rusell-martin-stendal-liberado-misionero-estadounidense-farc/418480-3>. Capture of the American missionary is a false positive --- FARC <http://radiomacondo.fm/2015/02/20/captura-del-misionero-estadounidense-martin-stendal-un-falso-positivo-judicial-farc/>. (Glenn Hauser-OK/NASWA Flashsheet)

6010.1, Sep 13, 0448, La Voz de tu Conciencia, Puerto Lleras, now on air, Colombian songs, religious comments, identification by male and female

"La Voz de tu Conciencia". (Méndez-Spain/SWBulletin) Heard in Wyomissing around same time several nights. (RAD)

CONGO 6115, Radio Congo, Brazaville, 1807-1832*, 05-09, French, news and comments about Congo. 14321. (Méndez-Spain/PlayDX)

CUBA Cuba's Mysterious 'Numbers Station' is still on the Air; even with diplomatic relations warming, Cuba's HM01 is still broadcasting encrypted messages: On August 18 at 2200, I heard a government intelligence agency transferring encrypted messages to spies over the radio. Or at least, that's the most common explanation for what I heard. I dialed to the correct frequency—17480—using an internet-connected radio tuner maintained by a university in the Netherlands. Suddenly, over waves of static, an eerily-robotic woman's voice began speaking a series of five-digit number sequences in Spanish. About three minutes later, the numbers repeated in the same order, but this time each sequence was followed by a digital bell-like tone and a harsh blast of noise, like a 56K modem trying to connect to AOL in the 90s. This continued for about 20 minutes, each sequence punctuated by the bizarre noise blasts. Then, static. This is HM01, sometimes called "Voce De La Chica," a shortwave numbers station believed to be operated by the Cuban intelligence directorate, Dirección de Inteligencia (DI). To the casual listener, numbers stations are mysterious broadcasts of voices speaking streams of numbers which, in at least some cases, are encrypted messages being sent to government spies. They have long seemed like Cold War relics, born in a time when spying meant boots-on-the-ground and internet surveillance was impractical or irrelevant. And yet, HM01 continues to operate in what the NSA has called a "golden age" of internet-enabled signals intelligence, and despite historic progress in US-Cuba relations earlier this summer. While evidence suggests HM01 is operated by the Cuban government, it's virtually impossible to tell who it's sending to, which is one of the main tactical advantages of numbers stations: You can easily see the intended recipient of an email, but you can't prove someone listened to a radio broadcast unless you catch them in the act. Shortwave radio listeners (or SWLs, as they are known) have followed stations like HM01 for decades. According to members of Priyom.org, an online community of radio enthusiasts that monitors numbers stations, HM01 is a close relative of "Atención," a government station that has

operated for decades and whose transmissions were used as key evidence in a case that convicted five Cuban spies in the late 90s. HM01 is "basically the successor" of Atención, a shortwave listener who goes by "alchemist" explained to me on Priyom's IRC channel. "But as you know, you can't decrypt it nor decipher the contents." (The stations use one-time pads, a theoretically uncrackable scheme whereby agents in the field decrypt messages using pre-shared keys that are destroyed after use.) The hand-off occurred in November of 2012, when HM01 started occupying the frequencies and time slots normally used by Atención. Its signal frequently mixes with the government-run station Radio Havana Cuba, leading to the conclusion that Radio Havana Cuba and HM01 originate from the same building. There's something unusual about HM01, though: It's a "Hybrid Mode" station, which in this case means it broadcasts both a voice reading numbers (the header IDs of each message) and a digital transmission mode used by a now-defunct "sister" station, SK01. The weird, dialup modem-esque sounds I heard were actually files being sent using a digital transmission mode called Redundant Digital File Transfer (RDFT), which only HM01 is known to use. When run through special software, these noises can be decoded (but not decrypted) back into files full of jumbled cipher text. Oddly, the program used by HM01 was created by a Brazilian radio enthusiast and is available online for free. It runs on Windows XP, whose log-in and log-out jingles have been heard during several of the station's documented "mishaps." "There will always be a reason for espionage between countries." HM01's existence as a spy broadcast makes sense within the US and Cuba's long history of hostility—especially considering the countless attempts to undermine Fidel Castro's brutal dictatorship over the years. But HM01's continued operation has taken on a new and awkward relevance in the past few months, as the US and Cuba have re-opened their embassies in Havana and Washington, DC for the first time in decades. "I thought that perhaps with the recent warming of diplomatic relations with the USA the Cubans might have ceased operations as a goodwill gesture but at the moment it is still going," observed Peter, aka PoSW, in the most recent newsletter of ENIGMA 2000, the European monitoring group that identifies and labels numbers stations. Perhaps unsurprisingly, the newly re-opened Cuban embassy in Washington, DC didn't respond to my request for comment on HM01. There's one simple explanation though, according to Stefan Meyers, aka Webweasel, the administrator of Priyom.org

and a retired veteran of the radio scene: If the various NSA surveillance scandals proved anything, it's that spies are gonna spy no matter the political weather. "Just because diplomatic relations seem better does not [correlate] with espionage activity dropping off as a result," Meyers told me in an email. "Have a look at the recent examples of Russian spying in the USA and Germany. Then add the NSA stuff.... There will always be a reason for espionage between countries - trade treaties, corporate spying etc." Meyers added that oftentimes governments keep spy systems running simply because it's easier than scrapping them. "When you have invested in such an infrastructure, you don't just abandon it, you find a new use for it," he says. "The level of investment is too much to give up." It would explain why stations like HM01 often change their formats and scheduling, rather than disappear entirely. Still, it would be foolish to think these stations will be around forever. HM01 runs on Windows XP, but some older stations use ancient analog gear to generate tones and Morse code pulses. And that machinery is failing, as evidenced by faulty buzz generators and other oddities observed by Priyom listeners. "The old stuff is the stuff that is easily repairable and the most robust. Thing is, you need people with knowledge to do it," alchemist tells me on IRC. "Also the machinery is not being manufactured anymore ... I know there are Chinese manufacturers cloning them and you can make your own but it's [getting more] expensive." No matter what happens, it's comforting to know someone will be listening. (All Fronts via José Miguel Romero-Spain/PlayDX)

DJIBOUTI 4780, still missing Djibouti since several months. No info about available. (Walter Eibl-Germany/WWDXC)

ECUADOR 6050.00, HCJB, Pichincha, 0230-0350, Sep 03 and 12, Time signal. Spanish ann, hymn by choir, Spanish religious comments, 35222. (Méndez-Spain and Petersen-Denmark/DX Window)

FINLAND Scandinavian Weekend Radio: No licence to broadcast Sep 04-05, 2015, because new regulations telecommunication authorities in here Finland. However, next broadcast dates are: Oct 02-03, Nov 06-07 and Dec 04-05. Written reports to: SWR, P. O. Box 99, FI-34801 Virrat, Finland. Answer by QSL-card, postal fees; 2 USD or 2 IRC or 2 EURO. E-mail reports to: info@swradio.net. We answer these return by e-QSL. More info about station: www.swradio.net. It's too free to be legal!

Good listening. (Dj Häkä, Scandinavian Weekend R via DX Window)

FRANCE Upcoming frequency change of Radio TV Algerienne, date unknown:

2000-2100 NF 9655 ISS Arabic Holy Quran px, ex 9375
2100-2158 NF 9655 ISS Ar/Fr Nat. Chaîne 1, ex 9375
(DX Mix, Bulgaria)

GERMANY Radio Bulgaria now broadcasting on shortwave via Kall from Aug.27:

1530-1600 on 7310 KLL 001 kW German
1630-1700 on 6005 KLL 001 kW German
1930-2000 on 3985 KLL 001 kW German
(DX Mix, Bulgaria)

6005, Nordam Radio Special German Broadcast via Kall-Krekel Transmitter. Received an E-mail reply apologizing for the long delay in responding to my report of January the 1st .2015. Confirmation of my 'tentative' report due to a specific song that was played. Also mentioned they are on shortwave frequency of 9560. Rely in six months. V/S; Daniel Koehler. (Edward Kusalik-Canada/DXplorer)

GUAM Reception of Sunday program of KTWR Guam in Japanese:

1215-1245 on 9975 Japanese
(DX Mix, Bulgaria)

17730, AWR has a new service in Mongolian from 1030-1100 (100kW from Guam). It replaces English which was at this time. (Dave Kenny-UK and Tony Ashar-Indonesia/British DX Club)

GUATEMALA 4055, Radio Verdad TGAV Chiquimula. Received a nice package from the station via registered airmail, with a full data 15th Anniversary QSL card with listed power as 900 watts. Also sent religious material, decals, promotion material beautiful 8x12 inches Pennant (a beauty!). This for an e-mail report, with initial reply within 48hours, followed with a Postal reply in 35 days. V/s Dr. Edgar Amilcar Madrid, Manager/Director. It's sure nice when you can receive something like this in the mail these days! (Edward Kusalik-Canada/DXplorer) 4055, Radio Verdad, Chiquimula, 0547603*, 13-09, English, program "Spiritual Songs", identification: "Esta es la estación evangelica Radio Verdad, Chiquimula, Guatemala, Centroamerica", anthem

and close. 15321. (Méndez-Spain/PlayDX)

INDIA 4800 and 7420, AIR Hyderabad. My local station is noted off the air off SW for the last few days. (Jacob-India, Sep 05/DX Window)

4950 Srinagar. Station sounding as Radio Kashmir, Srinagar was heard today 31 Aug 2015 on 4950 around 0050 Aug 31. This station was off air at this time for morning transmissions for many months now. It used to be heard lately around 1330 for about half an hour only. (Jose Jacob-India, VU2JOS, <www.qsl.net/vu2jos> DXIndia Aug 31/TopNews) 4950, R Kashmir, Srinagar, 0100 and 1500, Sep 02, is on air on SW for more hours than in recent times, poor. (Jacob-India/DX Window)

4970, Sep 1, 1230, AIR Shillong, listening between 1230-1358. Mostly fair, but at times good; well above the norm; news/sports/stock market info; ads in Hindi; 1236 PSA "Earthquakes can strike anytime. Are you prepared?" into show with DJ in English playing pop songs ("What a Feeling," etc.); many local IDs ("North Eastern Service of All India Radio"). A day of enjoyable listening! (Ron Howard-CA/SWBulletin)

4990, Sep 2, 1339, AIR Itanagar. Thanks to tips from Jose Jacobs and Dave Valko, found Itanagar back on the air again; underneath a fairly strong PBS Hunan (China), with subcontinent music; reception only possible when PBS was not playing their usual Chinese Opera. Nice to find their recent absence was not permanent (Ron Howard-CA/SWBulletin)

INDIA (KASHMIR) SRINAGAR: Using state-of-art technology, an internet radio exhorting Kashmiris to rise against India has been launched. Posting the news about the launch of the anti-India internet radio on its website, anti-India news portal Kashmir Media Service said on Thursday: "Radio Sada-e-Hurriyet-e-Jammu Kashmir has launched its round-the-clock internet transmission. It has been effectively projecting the human rights violations by Indian troops in occupied Kashmir." The launch of the internet radio assumes significance in the backdrop of the cancellation of National Security Advisor-level talks between India and Pakistan and the growing Line of Control (LoC) violations in Jammu and Kashmir. During the 1965 India-Pakistan war, an underground radio station - Radio Sada-e-Kashmir - had started broadcast in September 1965 which used to air news about the actions carried out by infiltrator in the Kashmir

Valley. The infiltration had finally forced India to carry out military strikes against Pakistan on the LoC and the International Border in Jammu and Kashmir and Punjab. Although 'Radio Sada-e-Kashmir' claimed to be carrying out its broadcast from the valley, it was later established that the broadcast was being aired from across the LoC in Pakistan-occupied part of the state. To counter the anti-India propaganda carried out by 'Radio Sada-e-Kashmir', the local state-controlled Radio Kashmir also started highlighting the successes of the Indian Army against the infiltrators and on the borders against the Pakistan Army in 1965. The latest anti-India internet radio broadcasts programmes in Kashmiri, Urdu, English and Hindi. Intelligence agencies here were tight-lipped on Thursday about the broadcasts and on whether action was in the offing to block such broadcast. (The New India Express via José Miguel Romero-Spain/PlayDX)

INDONESIA 4750, Sep 12, 1114, RRI Makassar? Was here looking for them on Sept 10, at 1221 and subsequent checking, due to the report on Sept 9, by Atsunori Ishida, of a reactivation of an "Unidentified RRI" station. Was only able to hear a stronger than normal Bangladesh Betar (HS), along with weaker CNR1, so unable to confirm a third station here on this day. Sept 11, at 1206, tentatively did seem to be three stations mixing together here; very difficult to be positive, but did at times sound like the Jakarta news. Today CNR1 was stronger than Bangladesh Betar, so conditions here vary a lot on a daily basis. Worthwhile to monitor here to see what develops. Sept 12 - RRI Makassar heard with much better reception than yesterday: 1114-1231; started out very poor, but clearly three stations mixing together; some music heard via RRI (bits & pieces); by 1159 much clearer with theme music; Jakarta news 1200-1231, ending with what sounded like the patriotic song "Garuda Pancasila." It was a big help that C NR1 was not propagating well today. Hope RRI's reception continues to improve. Certainly is very nice to have them back. Thanks very much to Mauno Ritola for his additional confirmation today - "RRI Makassar ID heard at 1234 via Western Australian web receiver." Will be interesting to try to hear if they still carry any English programs. In the past they had one (sometimes with "Kang Guru Indonesia," but other times carried their own English program) on Tuesday's, from about 1230 to 1300. Will need extensive monitoring! (Ron Howard-CA/SWBulletin) Also tentatively heard at 2200, Sep12,

carrier with traces of music. Maybe this is a reactivated RRI Makassar earlier noted on this offset last time heard. China is stronger on 4749.99 and the one coming through with their programme. (Nilsson-Sweden/DX Window) Last reported heard in Apr 2014! (Ed/DX Window)

9525.98, Voice of Indonesia, Jakarta, 1300-1353, Aug 22 and 24, English ID: "RRI world service, Voice of Indonesia in Jakarta and 97.2 FM, Pro 2 RRI Bukittinggi, West Sumatra, proudly presents Exotic Indonesia, a weekly network program jointly broadcast live by RRI world service, Voice of Indonesia in Jakarta and 97.2 FM Pro 2 RRI Bukittinggi, West Sumatra". So we can now add another site to the "EI" list (RRI Denpasar, RRI Banjarmasin, RRI Samarinda and now RRI Bukittinggi). Am very pleased to hear VOI carrying "EI" so much. Probably with a 1300-1400 schedule of Monday through Friday. (Howard). Also heard at 1707-1801, Aug 13, program in Spanish, news about Indonesia, "Comentario, 70 aniversario de la independencia de Indonesia", ID: "Esta es La Voz de Indonesia, el servicio internacional de la Radio República Indonesia", songs. At 1801 program in German, 45444. (Méndez-Spain/DX Window) Good signal here from VOI during the afternoon with the Arabic, Spanish and German services, but unfortunately blocked by CRI during English at 1900 and French at 2000 (Dave Kenny-UK/British DX Club)

Surprisingly good signal of Voice of Indonesia on August 28:

1900-2000 on 9526 JAK English weak CRI on 9525 2000-2100 on 9526 JAK French, weak CRI on 9525 2100-2105 on 9526 JAK Japanese, unscheduled px (DX Mix, Bulgaria)

ITALY 11389.7, Marconi R International (30 watts), 1720-1847*, Aug 26, very weak signal, comments, I can't identify the language due to weak signal, songs, the transmission ended at 1847 with a song, 14221. (Méndez). This station which, after an absence of more than 15 years, returned to the air on Aug 15, 2015. Although the signal was weak, the first three test broadcasts have been already heard in Bulgaria, Germany, Scotland and The Netherlands. The next test broadcast was only on the air at *1658-1733*, Aug 24, but still heard in Germany and Spain. Another test broadcast was scheduled at 1700-1845 on Aug 26 and at 1230-1430 on Aug 29 on 11390 consisting of nonstop music and station ID in Italian, English, Spanish

and Catalan, but it is possible that old programmes are aired, too. Reception reports and Audio clips (mp3-file) of the broadcasts are welcome by e-mail to marconiradiointernational@gmail.com. They QSL 100%. (Ivanov-Bulgaria and Méndez-Spain/DX Window) Maybe also heard on 11389.61(very tentative), 1340-1355, Sa Aug 29, very weak carrier with ann and pop music, but too weak to catch the language or titles, 15211. (Petersen-Denmark/DX Window)

To The Community Amateurs Radio, Shortwave Listeners, lovers of radio listening DX and Broadcasters of stations in Medium Wave Band. Dear Friends, I have the very pleasure to inform you that, in the History of the Italian Radio, today - 18th August 2015 - has born a star! In fact the scene of the radio band "Medium Wave" from Italy, today is a turning point. After 11 years since the beginning of the switch-off of historical transmission plant in mid wave of the Public Service of RAI broadcasts on a radio band (MW) that has made the history of radio, will no longer be confidential or restricted to public service but they will be free to be privately operated. This opens the way for an interesting world in which broadcasts Band "Medium Wave" will become the protagonists of a NEW media and the future of the radio hobby. This is the first, interesting milestone reached by the new *Law nr. 115 of 29 July 2015* which will open the door to new radio operators <private>. I wish inform you that a more detailed presentation of this initiative of the Law, is available on the web: <http://www.ari.it/>. (Italian version) The ARI (Italian Amateur Radio Association) is supporting this initiative and for the protection of an important band in the history of radio, is in first place in the development of a body of opinion to support transmissions in Band "MW". I invite everyone to read the web page on the website recommended ARI: <http://www.ari.it/>. Many thanks and have my best greetings. (Gallerati-Italy/DX Window)

KYRGYZ REPUBLIC Reception of Afghan Christian Radio, Radio Sadaye Zindagi: 1658 & 1711 on 5130 BI 100 kW / non-dir to CeAS in Dari. Kyrgyz Radio 1 in Kyrgyz to CeAS 1700 on 4010 Bishkek. (Ivo Ivanov-BUL, hcdx via wwdxc BC-DX TopNews Aug 22)

LIBERIA 6050.01, ELWA R, Monrovia, now on air, 0000-0002*, Sep 09, ID, National Anthem. Strong. After their sign off China took over the channel. (Nilsson-Sweden/DX Window) Also heard at

0532-0547, Sep 06, religious songs, English comments "Alelluyah". Weak, 14221. (Méndez-Spain/DX Window)

MADAGASCAR WWCW / MWV Madagascar World Voice new religious KNLS sister station at Mahajanga on Madagascar, probably planned shortwave service will start in spring 2016. World Christian Broadcasting, 605 Bradley Court Franklin, TN 37067, USA. tel (001) 615-371-8707, <http://www.worldchristian.org>. Latest news was, the 3 x 100 kW Continental TX mothballed in Houston-USA at TX factory, or hopefully shipped now from USA to Madagascar between Jan and March 2015. I guess they will be probably on air at year end 2015 or spring 2016?

7400 0200-0300 South Africa
7405 0300-0400 South Africa
9445 0100-0200 English Far East
9475 0400-0500 all African
9515 1800-1900 EaEUR Russia
9570 2200-2300 China
11720 1900-2000 NoAfrica
11720 2100-2200 Europe
11720 2200-2300 Middle East
15450 2000-2100 NoAfrica
17550 1800-1900 Eng all African
(Rich Blair-UK, NWDXC Aug 28/TopNews)

History: plans appeared in 2006 year, station built-up and erection between Dec 2009 and mid-2012. (Wolfgang Büschel-Germany, wwdxc BC-DX TopNews Aug 25)

MALAYSIA 9835, Sarawak FM at 1138 going from announcements in Bahasa Malay into Islamic recitations, which lasted until 1159. - Fair, Sept 3. (Sellers-Canada/DXplorer)

11665, Wai FM at 1150 in Bahasa Malay with news headlines, giving city name before details, 1154 singing "Wai FM" ID, thep fanfare and what sound like a drama. - Fair, Sept 3. (Sellers-Canada/DXplorer)

"Merdeka Day" - Aug 31, 1957 was the day that the Federation of Malaya gained its independence from British colonization, is a national holiday, with celebrations leading up to September 16 - "Malaysia Day," which commemorates the establishment of the Malaysian federation on the same date in 1963. It marked the joining together of Malaya, North Borneo, Sarawak, and Singapore to form Malaysia.

This weekend there have been major anti-government protests ("Bersih4") in Malaysia. Therefore I was monitoring RTM stations for something out of the ordinary. 6050 (Asyik FM) // 9835 (Sarawak FM) // 11665 (Wai FM), all via Kajang, 1306-1338, Aug 30, heard significant "Merdeka Day" message delivered live by embattled Prime Minister Datuk Seri Najib Razak, mostly in vernacular, but with some words and phrases in English; "Ladies and gentlemen. Indeed, indeed we will never allow anyone from within or from outside, to simply walk in and steal, ruin or destroy all that we have built so far", "sustainable growth with equity", "domestic economy", "colleges and universities", and was speaking out against the protesters; after 1338 no longer //. (Howard-CA/DX Window)

MALI 5995, Radio Mali, Bamako, *0558-0608, Sep 04 and 13, tuning music, French ID: "Içi Radio Mali, éminentant du Bamako", comments, 14321. (Méndez-Spain/DX Window)

9635, Radio Mali, Bamako, 1747-1758*, 09-09, French, comments, weak but increasing audio for moments. This station has problems with its transmitter for months, strong carrier but weak audio, the same on 5995. 14221. (Méndez-Spain/PlayDX)

MOROCCO (SPANISH) 9575, Radio Medi 1 had already some difficulties with its very old transmitter and / or sufficient electric power during the past weeks. (Walter Eibl-Germany/WWDXC)

MYANMAR Weak reception of Myanmar Radio, Aug.24:

1530-1600 on 5985 YAN 025 kW English
(DX Mix, Bulgaria)

PALAU T8WH Angel 5 again on the air in 1330-1330 slot on Saturdays:

1300-1330 on 9930 English Sat, from Sept.5
1330-1400 on 9930 English Sat as scheduled
1300-1400 on 9930 English Sun as scheduled
(DX Mix, Bulgaria)

PAKISTAN Radio Pakistan to go off air in favour of sports complex: Quetta: The Balochistan government has finalised a plan to take over 64 acres of land owned by Radio Pakistan in Quetta by shutting down the station's transmission, removing its machinery and transmission towers from the Sariab area. On Wednesday, sources confirmed that gov-

ernment officials had been directed to put finishing touches on the plan to take over land worth billions of rupees belonging to the radio station. Sources claim that the land was being taken over under the pretext of constructing a sports complex and park. "You will not be able to listen to local shows or programmes in other languages from Radio Pakistan Quetta," said a senior Radio Pakistan official while talking to Dawn. "The government is going to remove the transmission towers and other machinery from the land on Sariab Road. It was allotted to Radio Pakistan in 1964." He added that by using this piece of land for a sports complex would be like gagging the voice of the station as it would be take several shows, including those on recitation of the Holy Quran and other popular programmes in different languages, off the air. According to the station's senior official, when a government official was asked about why they wanted these 64 acres, he replied: "Some people have had their eyes set on this precious land for a long time. They want to take over the land by claiming to build a sports complex even though Quetta already has a large sports complex [Ayub Stadium]." The station was set up in Quetta in 1956 on 64 acres on Sariab Road. In 1959, Radio Pakistan installed medium-wave and short-wave transmitters on the property so the station's programmes could be heard all over the province. Radio Pakistan Quetta had installed 93.5 kilowatt transmission on the site before Ramazan this year, and had launched an FM transmission, "Sout-ul-Quran", for programmes related to recitation of the Holy Quran and Islamic teachings. An official of Radio Pakistan expressed fears that if the provincial government decided to go ahead with the plan, these transmissions and shows would have to be taken off the airwaves. A government official said the Shahwani Sports Stadium constructed by the government had the capacity for building a new sports complex and was located close to Radio Pakistan. He said that the provincial government also had acres of official land available on the Hazarganji and Sibi roads linking to Sariab Road and they could construct a new sports complex there instead. He added that he did not know why the provincial government was insisting on constructing a sports complex on Radio Pakistan's property. A senior official of the radio station said the Pakistan Broadcasting Corporation should take notice of what was happening in Quetta and ask the federal government to release funds to install powerful transmitters and other equipment to enable Radio Pakistan Quetta to air its programmes for listeners across

the province. (Published in Dawn, August 27, 2015 via José Miguel Romero-Spain/PlayDX)

Pakistan Broadcasting Corporation Joins DRM Consortium: According to Digital Radio Mondiale public broadcaster Pakistan Broadcasting Corporation (PBC) is the latest member to join the DRM Consortium. PBC programs consist of music, features and plays meant to entertain listeners while also educating its overseas audiences about Pakistani culture, government and the world. The PBC broadcasts in 23-different state-recognized languages 24-hours a day. "The Pakistan Broadcasting Corporation is interested in introducing the latest digital technologies for the benefit of the Pakistani listeners. As such we are happy to join the DRM Consortium as we are embarking on the modernization and digitization of our infrastructures." Syed Imran, Director-General of PBC said. DRM Chairman Ruxandra Obreja, welcomes PBC to the DRM Consortium and sees this "as a serious commitment of PBC to the latest radio technologies like the DRM standard and a chance for the DRM Consortium to strengthen its position in Asia and to learn more from an important market like Pakistan." (Prof. Dr. Hansjoerg Biener-D, via wwdxc BC-DX TopNews Aug 13) ... that is at the lack of quality of the real defective AM shortwave transmitter in Islamabad, more of a cabaret theme ... (Wolfgang Büschel-Germany, wwdxc BC-DX TopNews)

PAPUA NEW GUINEA 3275, NBC Southern Highlands, Mendi, 1129-1206, Sep 09, exceptionally good conditions, Tok Pisin, Pacific Islands pop music, 1202 PNG bird call followed by "NBC News in Brief" (fire on British Airways plane), 1206 promo for coverage of upcoming Independence Day (Sep 16); by 1218 was off the air. No audio heard Sep 10 and 11. (Howard-CA/DX Window)

3365, NBC Milne Bay, Alotau, 1303-1421*, Aug 20, "NBC News Roundup" in English (news and weather); as is always the case, the local Milne Bay studio audio is not nearly as clear and crisp as the NBC Port Moresby audio feed of "News Roundup"; followed by many phone conversations in Tok Pisin. Normal sign off format is children singing the National Anthem shortly after 1400, but not today, as they had a slightly extended schedule with NBC National Radio audio feed. 1403: PNG National Radio Song ("In our land of a thousand tongues, brothers and sisters old and young, unite our hearts so we feel as one . . . We pledge to stand together as one people, one nation, one country. God bless Papua

New Guinea. You and me now together as one. Sharing our faith, united as one, one country. . . The time has come to stand together side by side, the time has come to pray together, and God will be our guide. . . . Unite to be one people, one nation, one country - PNG"); has been a long time since I last heard this patriotic song, IDs for NBC National R and playing pop songs in English till suddenly off at 1421*. Reception well above the norm for most of the time. (Howard-CA/DX Window)

PERU A nice article in Spanish about the history of Radio in Peru ("LA RADIO EN EL PERÚ") can be found here: <http://historyperiodismoperu.blogspot.com/2011/06/la-radio-en-el-peru.html>. (Pedro Arrunátegui <pfarrunategui@gmail.com>, Peru/WWDXC)

The minimum airmail postage fee in Peru is now S/6.5. At the Peruvian post offices S/6.5 stamp is also sold by US\$2.50. So it is necessary to enclose \$3 to Peruvian stations for return postage. (Takahito Akabayashi-Japan, wwdxc BC-DX TopNews Sept 20)

4747.60, R. Huanta 2000, Huanta, Ayacucho; at 1040-1105 on Sep 7; prgm in Sp, tks abt Chinese medicine, ads: "SENASA cuida nuestra agricultura", ID: "Radio Huanta 2000". 44444. (Pedro F. Arrunátegui-Perú/DXplorer)

4774.9, Radio Tarma, Tarma, 0118-0123, 13-09, Peruvian songs. Very weak. 14321. (Méndez-Spain/PlayDX)

4810.00, R. Logos, Tarapoto; at 1032-1104 on Sep 8; rlg mx, rlg prgm in ethnical dialect. TC: "6 AM", no ID, followed by prgm in Sp. 33333. (Pedro F. Arrunátegui-Perú/DXplorer)

5980.01, R Chaski, Urubamba, Cusco, 0056-0101, Sep 12, back again after a few days off. All alone on the frequency. ID at 0101. (Nilsson-Sweden/DX Window)

6173.83, Radio Tawantinsuyo, Cuzco, 0125-0137, 13-09, comments, Spanish. Very weak. 13321. (Méndez-Spain/PlayDX) 6173.85, R, Tawantinsuyo, Cusco, at 2215-2335 on Sep 11; news, advs, ID: "Radio Tawantinsuyo", px: "El Cofre de tu Destino". 44444. (Pedro F. Arrunátegui-Perú/DXplorer)

RUSSIA Very good reception of Comintern Radio at 1730-1800 on 6990 (Ivo Ivanov-Bulgarian DX Blog) unofficial pro-communist station from the

Voronezh region. Anatoly Klepov in Rus DX reports receiving a QSL from 050353@mail.ru. (Dave Kenny-UK/British DX Club)

SOLOMON ISLANDS 5020.0, Sep 11, 1151, SIBC - Voice of the Nation. Reception varies greatly day-by-day. With children singing PSA about "go to school," message sponsored by governments of Australia and New Zealand. Sept 9, good reception; 1000 "Think unity and diversity. Think SIBC, Voice of the Nation," into news; 1143 "dedications hotline" music show with DJ in Pijin. (Ron Howard-CA/SWBulletin)

9545, SIBC - The Voice of the Nation, Honiara, -0500°, Sep 02, Tok Pisin with Pacific Island pop songs; suddenly off; poor. Also heard on Sep 13 at 0849-1033 which was an anomaly: not on 5020; mostly in Solomon Pijin, messages about educational training, "Bible Reading", Central Bank of Solomon Islands program about investing (today about buying Treasury Bills), activities of Parliament and the Young Women's Parliamentary Group, children's Christian program with Bible story and children singing religious songs, 1000 news in Pijin, along with adv in English for building supplies, 1030 Christian religious program in English; fair the entire time. (Howard—CA/DX Window)

SOMALILAND 7120.00, R Hargeisa, Hargeisa, 1810-1901°, Aug 17, 23 and 25, Somali comments, East African music, jingle and talk, slight HAM QRM, 44333. (Méndez-Spain, Mille-France and Petersen-Denmark/DX Window)

SOUTH AFRICA 17540, 1345-1500, Su 6.9, RTÉ. Radio One, Dublin, via Meyerton English preparations to the yearly Hurling Match, English ID's: "RTÉ Radio One", several Radio One advs, National hymn 1430, first score 3 minutes later. 45444. (Anker Petersen-Denmark/PlayDX)

HFCC Presentations: The Sentech presentation reveals that they have definitely shut down their Telefunken transmitters. I see nothing mentioned about Telefunken yet, I've overseen something? The northern area site was ex BBC Switzerland / ABB / now Ampegon units of 500/250 kW, and tall curtains up to 8 vertical rows of BBC Mannheim-Schifferstadt Germany - now Ampegon. The others on southern location with some Telefunken 100 kW units some two rows curtains to medium target distances, and some rhombics of #803 and #804 type too. (Wolfgang Büschel-Germany, wwdxc BC-DX TopNews Sept 19)

TAIWAN 9745, Voice of Han. Per WRTH update - 10 April 2015 - "Voice of Kuanghua is inactive on 9745, but expected to return after antenna maintenance" as of Sept 9, still silent on 9745. (Ron Howard-CA/SWBulletin)

TAJIKISTAN 4765.00, 0125-0135, 19.9, Tajik R 1, Yangiyul, Tajik, folksongs, Tajik ann 0130 43333 QRM 4765 R Progreso. La Habana, Cuba. (Anker Petersen-Denmark/PlayDX)

7245.0, Voice of Tajik Yangi Yul, fair well S-8-9 signal here in Germany at 0220 on Aug 26. Talk by two Tajik woman in Tajik language. (Wolfgang Büschel, Germany, wwdxc BC-DX TopNews)

UGANDA 4976, still missing Uganda since several months, the weeks before only occasional broadcasts. (Walter Eibl-Germany/WWDXC)

USA Updated summer A-15 of WINB Red Lion from September 6:

1230-1500 on 9265 English Sun
1500-2045 on 9265 English Sat/Sun
2045-2100 on 9265 Eng/Spa Mon-Fri
2045-2100 on 9265 English Sat/Sun
2100-2330 on 9265 English Daily
2330-2400 on 9265 Spanish Mon
2330-2400 on 9265 English Tue-Sun
0000-0300 on 9265 English Daily
0300-0330 on 9265 English Tue/Wed/Sat
0330-0400 on 9265 English Sat/Sun
0400-0430 on 9265 English Sun
Cancelled 1730-2045 Mon-Fri, including 1800-2000 Brother Stair
(Observer SW News)

The DJ Who Shook the Soviet Union With Jazz by Charles Paul Freund: Voice of America DJ Willis Conover is up for a postage stamp to honor his work in exporting jazz, especially to short-wave radio listeners in the old Soviet Bloc, as Doug Ramsey at *The Wall Street Journal* notes. A stamp would be a minimal tribute, given the remarkable role Conover played during the Cold War, though it would be just about the only "official" recognition he has ever received. During Conover's four decades as a Voice of America (VOA) DJ from 1955 through the mid-1990s, he upended communist cultural policy just by playing prohibited "degenerate" American music that his overseas audience longed to hear. Most Americans have never heard of him, but in the postwar era he was one of the best-known, and

certainly one of the most popular, Americans in the world. He had millions of devoted followers in Eastern Europe alone; his worldwide audience in his heyday has been estimated at up to 30 million people. Conover managed to tour Soviet Bloc cities occasionally during East-West thaws, and, to his great surprise, was greeted at airports like a celebrity by huge cheering crowds. Moscow cabdrivers recognized him solely on the basis of his distinctive baritone voice. Willis Conover died in 1996. It's a shame he remains so little-known to Americans when he was such an enormous presence on their behalf elsewhere in the world. Maybe the stamp, if it's approved, will help honor his memory. (The proposal is not the USPS's idea, but rather a successful citizen petition.) In the meantime, a world full of now-nostalgic one-time listeners, a grateful generation of jazz artists and—to some unmeasurable degree—the ruins of the Soviet empire will have to do. (Newsweek via Bob Wilkner-FL)

UZBEKISTAN Upcoming frequency change of Vatican Radio, but date unknown

1230-1300 NF 11875 TAC Russian, ex 11845, re-ex 11850 // frequency 15370 PHT Russian (DX Mix, Bulgaria)

Stream of Praise Music Ministries
2100-2130 on 7530 TSH Cantonese/Chinese (DX Mix, Bulgaria)

6260, Voice of Asia via Tashkent. Received a reply in less than 30 minutes after posting a follow-up to mail@thevoiceasia.com. The V/S Wayne says they that my recordings are of their station (sent an e-mail report with MP3 recordings) and confirmed my reception, as well they have left short wave as of May the 8th and have no plans on returning due to increase FM coverage in Asia and staff limitations. Total time 6 1/2 months, 30 minutes after posting a follow-up e-mail report. (Edward Kusalik-Canada/DXplorer)

ZAMBIA 5915, Sep 2, 0406, R. One/ZNBC. In African vernacular; African Hi-life music/singing; by 0424 had gone off the air, only to return sometime later. Found with news in English 0500-0514, followed by ads and/or PSA; 0515 African singing and clearly back to African vernacular; heard bits and pieces of the English (Ron Howard-CA/SWBulletin)

ZIMBABWE The Voice of Zimbabwe radio station appears to have closed. The state-owned Zimbabwe

Broadcasting Corporation (ZBC) has fired almost 300 employees, including managers and journalists, according to a report by state-run media. (BBC News 13 August) External service which broadcast on SW 4828 and MW 999 kHz. Had been off the air for a couple of years. (Dave Kenny-UK/British DX Club)

DRM Receiver to Hit Market in October by Davide Moro: Avion Electronics, a Communication Systems Inc. brand, unveiled the first, ready-to-ship, India-made Digital Radio Mondiale receiver at IBC 2015, during an event hosted at the Fraunhofer IIS booth. According to the disclosed technical specifications, the final version of the AV-DVR-1401 supports DRM in both shortwave and medium-wave bands, analog medium wave as well as analog FM with RDS, and will display images and information on a 3.5-inch TFT color LCD unit. With a detachable remote control, the receiver supports music and picture playback, as well as DRM radio recording, through the built-in SD card reader. EPG, Journaline (a text-based information service), TPEG/TMC, DRM Emergency Warning and Alert, digital audio output and the xHE-AAC audio codec by Fraunhofer IIS are also included. "During last year we enhanced both the features and the design of the DRM receiver we pre-launched at the IBC2014, in order to best fit consumer expectations," said Ankit Agrawal, technical director at Communication Systems Inc. "The first batch of 2,000 pieces will be delivered in October, and a second batch is expected by the end of 2015. There is a firm commitment from the Indian government toward DRM, and we see a growing interest in both radio stations and consumers." Ruxandra Obreja, DRM Consortium chairman, also took part in the event to test the effectiveness of the DRM Emergency Warning and Alert feature in a live DRM broadcasting chain set up at the Fraunhofer IIS booth. Almost immediately after pressing a red button, the ongoing music program was interrupted, the DRM receiver showed a visible alert message on the display and reproduced the relevant warning message at a higher volume than the original program. Avion's AV DVR 1401 DRM receiver is scheduled to go on sale through Amazon India as of October 2015 for \$175. (Radio World)

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



Pirate Radio Report

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

Shortwave pirate broadcasting continued at a very brisk pace once again during the past month. Pirate broadcasting inevitably increases around major North American holidays. You ought to make your plans to listen to the increased pirate broadcasting activity that is certain to appear around the Columbus Day holiday weekend, which this year is on October 7-10. To the surprise of some, this traditionally is a significant pirate radio holiday. Halloween, which falls on October 31, is among the biggest holidays of the year for increased pirate radio activity. Next month the period around Thanksgiving is also a traditional big pirate radio holiday.

Further, as a result of the forthcoming end of summer, currently falling static levels make DXing shortwave pirates easier than we experienced during recent months.

Pirate busts by the FCC during the past month continued to be dominated by FM pirates, particularly in the New York City area, but also elsewhere in the USA on a widespread basis. These busts included a station on 92.5 MHz in Bronx, NY, a station operated by Ministerio Christiano Hombres de Valor on 99.3 MHz in Omaha, NE, a station on 89.1 MHz in Miami, FL, a station on 105.1 MHz in Bronx, NY, a station on 97.1 MHz in Miami, FL, a station on 90.1 MHz in Pompano Beach, FL, a station on 97.5 MHz in Paterson, NJ, a station on 94.3 MHz in Manhattan, NY, a station on 102.5 MHz in Bronx, NY, a station on 87.9 MHz in Irvington, NJ, a television station operating with no license on channel 10 in Morehead, KY, a station on 98.5 MHz in Pompano Beach, FL, a station on 91.9 MHz in Bronx, NY, a station on 102.9 MHz in Orange, NJ, two stations on 94.5 and 97.5 MHz from one roof in Princeton, FL, a station on 91.7 MHz in Homestead, FL, a station on 95.3 MHz in Lake Worth, FL, a station operated by Boss Group Ministries on 102.3 MHz in Miami, FL, and a station on 105.7 MHz in Miami, FL, and a station on

98.9 MHz in Miami, FL. Rich D'Angelo points out that the FCC bragged about the large volume of New York and Florida busts in a news release carried by various newspapers.

It was quite a surprise to your editor to see that the FCC's Los Angeles office issued a Notice of Violation to Knight Broadcasting's KUHL radio in Santa Maria, CA on 1440 kHz for broadcasting spurious emissions on 1760 and 1820 kHz. Your editor has appeared multiple times on this station's The Andy Caldwell Show to discuss economic issues in California and Ohio. The FCC alleges that KUHL without authorization was operating a "shortwave service" just above the medium wave expanded band. Oddly enough, The FCC cited KVSM on 1380 kHz, also in Santa Maria, CA for two violations, testing the transmitter while having expired test authority, and also for transmitting spurious signals on 1760 and 1820 kHz, a crowded but unauthorized "shortwave service" in Santa Maria.

Your pirate DX news and logs for this column are always welcome. Feel free to send them in so that others can follow trends on how and where others are hearing unscheduled and ever-changing pirate radio operations on shortwave.

Amphetamine R. 6925 0150-0212 9/5/16 fair. Prgm of rock mx w/CW IDs and SSTV image at close. (Lobdell-MA)

Boom Box R. 6876.2 0150-0212 8/16/16 poor to fair. Prgm of OMs vocal mx w/OM EE anc, tnx Cooper tip. (D'Angelo-PA) 0149 8/16/16 good. Prgm of hip hop and rock mx w/OM anc. (Cooper-PA) 6876 0213 8/16/16 poor. Very weak mx & tlk. (Taylor-WI)

Boom Box R. 6925.4 0119 9/1/16 fair. Prgm of contemporary dance mx. (Taylor-WI)

Captain Morgan 6924.1 AM 0524-0540 8/11/16 SIO=343. Prgm of rock mx said to be

- a test beamed to New Zealand. (Lobdell-MA) 0157 8/11/16 fair. Prgm of mostly blues mx. (Taylor-WI)
- Captain Morgan** 6935 0225-0231 9/4/16 fair. Blues mx prgm. (Taylor-WI)
- Fab Four R.** 6925 2344 8/28/16 fair. Beatles mx. (Taylor-WI)
- Johnny Tobacco** 6925 AM 2347-0023+ 8/11/16 SIO=343. Dutch Europirate w/ prgm of rock mx and hellos to listeners. (Lobdell-MA)
- Kid from Brooklyn** 6925 0103-0106 9/6/16 fair. Hrd only the end of bcst w/OM talk. (Taylor-WI)
- Newport Pirate R.** 6780 0016 8/29/16 fair. Mostly an instr mx prgm. (Taylor-WI)
- Northwoods R.** 6935 0039 9/4/16 fair. Rock mx prgm & loon calls. (Taylor-WI)
- Old Time R.** 6770 0310 8/15/16 fair. Relay of an old radio comedy show w/audience laughter. (Cooper-PA) 0045-0100 8/26/16 fair to poor. Relay of an old Burns & Allen comedy show w/audience laughter. (Cooper-PA) 0025 8/31/16 fair. Relay of an old Jack Benny comedy show w/Rochester, w/audience laughter, sponsored by Maxwell House Coffee. (Cooper-PA)
- Pesky Party R.** 6925 0005-0043* 8/18/16 very strong. Prgm of rock mx w/SS singers sped up to sound like Chipmunks. (Figliozzi-NY)
- Pesky Party R.** 6925 0010-0030* 8/18/16 SIO=444. Prgm of rock mx w/SS singers sped up, thus sounding like Chipmunks. (Lobdell-MA)
- R. Free Whatever** 8065 0147 8/15/16 good. Prgm of hard rock mx w/ancr Dick Weed, w/ early part of prgm appearing to be a WFUQ relay. (Taylor-WI)
- R. Free Whatever** 6935 0012-0119 8/28/16 SIO=454. Dick Weed & Stavín w/rock mx prgm & discussion of Stavín's nicotine addiction. (Lobdell-MA)
- R. Free Whatever** 6925.3 0100 8/30/16 good. Prgm of Bing Crosby mx & other old pop mx w/ancr Dick Weed, w/complaints that his t-shirts are not selling well. (Cooper-PA)
- R. Free Whatever** 6935 0014 8/29/16 good. Dick Weed & Stavín w/prgm of instr & rock mx w/discussion of new bunker and anmt of forthcoming 6780 bcst. (Taylor-WI)
- R. Illuminati** 6930 0059 9/2/16 good. Prgm of instr mx w/USA NA at close. (Taylor-WI)
- R. Illuminati** 6150 0212 9/5/16 very poor. Prgm of rock mx. (Taylor-WI) 0130-0200 9/10/16 good. Prgm of rock mx w/USA NA at close. (Taylor-WI) 0129-0200 9/11/16 poor to good. Prgm of rock mx, anmts by OM azimuth coordinator, w/USA NA at close. (Taylor-WI)
- Triple L R.** 6285 AM 2334-2357* 8/20/16 SIO=343. Prgm of rock and pop oldies mx. (Lobdell-MA)
- WDDR** 6950 0259-0408 9/10/16 fair. Prgm of rock mx on 'Drunken DJ R.' w/several SSTV images at close. (Taylor-WI)
- WFUQ** 6925L 0122 8/15/16 fair. Prgm of hard rock mx w/OM ancr. (Taylor-WI) 0122 8/15/16 poor. Prgm of rock mx w/OM ancr. (Hauser-OK)
- WGAY, Sissy Boy R.** 6925 0027 8/22/16 fair to good. Prgm of harp & disco mx. (Taylor-WI)
- WJD** 6930 0034-0100 9/4/16 fair. Prgm of piano and foreign mx w/some prank calls comedy. (Taylor-WI)
- Wolverine R.** 6940 0122 8/15/16 S9+30. Prgm of blues mx w/ ID by OM ancr. (Hauser-OK)
- Wolverine R.** 6940 0117-0135 8/21/16 SIO=333. Prgm of rock mx w/word "man" in title. SSTV digital image at close. (Lobdell-MA)
- Wolverine R.** 6955 0039 9/4/16 good. Prgm of rock mx w/SSTV image at close. (Taylor-WI)
- XLR8** 6930 0106-0208 9/6/16 fair. Prgm of punk rock until sudden f/out. (Taylor-WI)
- XLR8** 6930 0207 9/6/16 fair. Prgm of rock mx. (Hauser-OK)

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 2017 issue of the Journal. The spotlight will be on Oceana.

Name, State	Total		S. America Best S. American 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.
Stephen Leite, MA	239	226	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
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	223	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	208	202	13	13	SODRE CXA6 300 watts
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	151	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 Irvine, TX	110	60			

Contributors' Page

DEADLINE FOR CONTRIBUTIONS IS THE 10th OF THE MONTH

The following members sent in contributions:

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

Glenn HAUSER, Enid, OK
William McGUIRE, Cheverly, MD
Sherry PASZKIEWICZ, Manitowoc, WI
Ralph PERRY, Wheaton, IL
Mark TAYLOR, Madison, WI

Mark TAYLOR, Lake Farm Park, WI

David TURNICK, Sinking Spring, PA

Paul WALKER, Galena, AK

WR-G33DDC, SDR-IQ, 2X ALA1530, SWL sloper
RX340, R8B, E1, E5, DX Sloper, Mini-Windom, FL3, ANC4
R-390 & 391As, Mackay 5050A, WJ HF-1000A, 42'
Windom, 16' end fed
FRG-7, DX-398/ATS-909, YB400, ICF SW-07
DX-380
NRD-525, Eavesdropper
R8B, NRD-545, E1, 355' bi-dir LW
Winradio g313e, E1, Sat 800, Flexenna, EWE,
Eavesdropper
E1, P40 antenna. With Bill Dvorak, Carlie Forsyth,
and Neil Bartlett all of whom contributed to
my getting these logs. Labor Day, 9/6/15;
1130 - 1515 UTC.
RX340, WinRadio G31DDC, Alpha Delta DX sloper,
49m dipole

International Band Loggings

5901-30000 kHz

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

- 5910 **FRANCE Radio Japan** at 0438, on 15 Aug. in Japanese. Two announcers are talking about the Olympics. Live background noise and someone talking on a PA system can be heard along with music playing in the background. A new male announcer at the station spoke briefly and then it was back to the Olympics. Good. (Cooper, PA)
- 5950 **ETHIOPIA Voice of Tigray Revolution** *0256-0338 Aug 15, familiar IS followed by flute music at 0301 and a man announcer at 0304 with opening announcements in presumed Tigrinya language. A program of Horn of Africa music followed. Poor to fair with QRM from WRMI on same channel. (D'Angelo-PA)
- 5952 **BOLIVIA Emisora Pio XII** at 0102, on 21 Aug. in Spanish. A male and a female announcer are talking back and forth with each other. A musical interlude along with a station ID was given by a new male announcer. This was followed by a lively song sung by a male singer. Then it was back to more talking. Fair-Poor. (Cooper, PA)
- 5952 **BOLIVIA Radio Pio Doce** Sept 17 at 0057, JBA carrier, so R. Pio Doce is there, having been missing for a while (Hauser-OK)
- 6015 **TANZANIA ZBC BC Corporation** at 0410, on 15 Aug. in Swahili. A male announcer was speaking. He mentioned Tanzania, the US, and the Congo. A female announcer came on next and spoke. She kept mentioning Tanzania and Zanzibar too. A Zanzibar ZBC station ID was given by both a male and a female announcer. Good. (Cooper, PA)
- 6015 **ZANZIBAR Zanzibar Broadcasting Corporation** Dole, 0401-0434 Aug 24, tuned in to a woman announcer with the news in the Swahili language. Back to music programming at 0420. Poor to fair. (D'Angelo-PA)
- 6020 **ALBANIA China Radio Int'l** 0035 to 0038, SINF0=55535, I heard a part of the *Postcard* program again. I have heard it several times and I find it informative and interesting. It is a part of *News Talk Radio* over CRI. I used my Mackay 5050A receiver with my inside 42' Windom antenna. 8/16/2016. (Davis-OH)

- 6050 **ECUADOR HCJB Voice of the Andes** at 0405, on 15 Aug, in German. A male announcer spoke briefly followed by a lively instrumental song. After the song a male and a female announcer came on and spoke about Germany. A new song with several female singers played next. Fair. (Cooper, PA)
- 6070 **CANADA CFRB/CFRX** 1314 to 1320 with an ID at 1315 as News Talk 1010, SINFO= 35544, I heard a Nissan truck advert, the 1000A and the 42' Windom antenna. 8/30 (Davis-OH)
- 6080 **BOTSWANA Voice of America** at 0355, on 15 Aug, in English. A male announcer announced a song by Glen Yarbrough. This was followed by an editorial reflecting the views of the US Government concerning the upcoming elections in Nicaragua. There was slight pulse jamming heard on the frequency which became especially loud when the transmitter switched at 0400 to Sao Tome. Good. (Cooper, PA)
- 6110 **ETHIOPIA Radio Fana** at 0340, on 15 Aug, in Amharic. There is light music playing in the background with a male speaker speaking softly along with a female speaker talking occasionally. This was followed by a musical bridge then a female announcer gave a station ID. A menagerie of pop/hip hop and other songs played next with various artists. Good. (Cooper, PA)
- 6110 **ETHIOPIA Radio Fana** 0346-0413 Aug 15, woman announcer with presumed Amharic language talks followed by a local vocal selection at 0357. A man announcer with ID at 0400 followed by apparent news program. Poor to fair. (D'Angelo-PA)
- 6134 **BOLIVIA Radio Santa Cruz** at 0139, on 16 Aug, in Spanish. A Radio Santa Cruz ID was given by a male announcer. A song with a female singer came on next. A female announcer came on and gave another station ID followed by a pop song with a male singer. Fair. (Cooper, PA)
- 6145 **INDIA All India Radio** at 0103, on 15 Aug, in Urdu. A song with a male singer is playing followed by a male announcer talking briefly. A new song started with a long instrumental introduction then a male singer came on. Fair. (Cooper, PA)
- 6160 **CANADA (Newfoundland) CKZN** at 0109, on 15 Aug, in English. A male announcer is interviewing a female singer who is talking about a country artist who was able to transition from country to pop. A song by the artist played next. The announcer came back on and gave a Big Country program ID along with a CBC station ID. He then went back to interviewing. Good. (Cooper, PA)
- 6184 **MEXICO XEPPM Radio Educacion** at 0315, on 15 Aug, in Spanish. A lively salsa type song was playing with a female singer. A new slow song came on next with a female singer. The normal interference from Brazil was not as apparent tonight. Fair. (Cooper, PA)
- 6195 **OMAN BBC** at 0144, on 16 Aug, in Dari. A male announcer was interviewing another male speaker. The station abruptly went off the air with no signal showing. The station is scheduled to be on until 0200. The audio was strong until that happened. At 0146 the station came back on with a strong signal and fair audio. Fair. (Cooper, PA)
- 6200 **CHINA PBS Xizang** Baiding, 1227, 9/5/16, in Tibetan. Chinese style ballad. Fair. (Could not // since 4920 faded out.) (Taylor - Lake Farm Park, Wi.)
- 7120 **SOMALIA Radio Hargeisa** 8/24 0333 ment Somaliland, vocals, cmtry, weak with fair peaks, some ARO QRM. (Paszkievicz-WI)
- 7206 **SUDAN JBA** Sept 17 at 0426 a carrier is here, and still at 0520 but JBA, no doubt Omdurman which sometimes clix a kHz up or down from nominal 7205; same time I was originally getting Eritrea 7175 and jamming (Hauser-OK)
- 7295 **RUSSIA Radio Rossii** Vladivostok (? Location), 1145, 9/10/16 in Russian. Woman announcer, with a program of mellow music, brief ID just before the hour, 4 time pips, off. (Taylor - Wi.)
- 7355 **AUSTRIA BBC** at 0125, on 21 Aug, in Pashto. A song with a male singer is playing that has a heavy bass rhythm and a definite Middle Eastern flair. A BBC station ID came was given by a male announcer along with a BBCpashto.com address with music playing in the background. BBC Oman was playing the same programming on 7445. Fair. (Cooper, PA)
- 7360 **VATICAN CITY Vatican Radio** at 0300, on 15 Aug, in English. A musical interlude followed by a female giving a station ID came on. A male announcer stated that this is the English Language African Service of Vatican Radio. A male and a female announcer spoke next about the Holy Spirit as identified by the Pope. Good. (Cooper, PA)
- 7460 **MOLDOVA Radio Palem e Doost** at 0250, on 15 Aug, in Farsi. Two male announcers are talking back and forth to each other with one of the male singers starting to sing then back to more talk. A brief musical interlude played followed by a male and female speaker talking back and forth to each other. Good. (Cooper, PA)
- 7460 **OPPOSITION (to Iran) Radio Pyam e-Doost** Grigoriopol, MOLDOVA, 1237, 9/5/16, in Farsi. Man interviewing a man. Fair. (Taylor - Lake Farm Park, Wi.)
- 9320 **EGYPT Radio Cairo** Sept 16 at 0207, big S8 blob of R. Cairo peaking at 9325 with peaks sounding like talk modulation, but totally incomprehensible. This is obviously coming out of the main blob 9310-9320, peaking at 9315, same S8 but lacking any talkish sounds, just the roar where English to North America is scheduled (Hauser-OK)

- 9510 **GERMANY Athmeeya Yatra Radio** Nauen, 0016-0028* Aug 24, lively vocals followed by a man with long religious talk in an unidentified Asian language. A woman gave ID and closedown at 0027 followed by a male vocal. Fair. (D'Angelo-PA)
- 9520 **CHINA PBS Nei Menggu** Hot Hot (P), 1315, 9/10/16, in Mandarin. Male announcer talking at some length. (Taylor - Wi.)
- 9525 **INDONESIA Voice of Indonesia** Sept 16 at 1305. VOI is S5-S8 and can tell there's some talk, in presumed English, yet readability is still R=0, and there seems to be some pulsating hum along with the modulation (Hauser-OK)
- 9545 **SOLOMON ISLANDS SIBC** Sept 17 at 0525, carrier with a trace of modulation at S4-S6, no doubt SIBC running late again, but almost back on frequency after this Sept 16 report in the DXLD yg: (Hauser-OK)
- 9550 **IRAN VIRI** Sept 16 at 0201, YL & YL with news in Spanish, mostly about the Islamic Republic of Iran, implying it is really VIRI as scheduled 0020-0320 via Sirjan to South America. Surprised they would be doing news at the top of real hours rather than the top of askew Iranian hours. S9-S7 fading and under modulated. // 12025 is but a JBA carrier (Hauser-OK)
- 9550 **IRAN Voice of the Islamic Radio of Iran** Kamalabad, 0117-0210 Aug 24, two men with heated discussion in eh Spanish language. ID at 0200 during program change over. Fair. (D'Angelo-PA)
- 9570 **CHINA China Radio Int'l** at 0000 8/10. EE Evc Good (McGuire-MD)
- 9575 **MOROCCO (Spanish) Radio Medi Un** 0413-0436 Aug 18, vocals with a woman announcer with Arabic language talk with news from 0414 including several rempte reports. Vocals at 0425 with switch to French language at 0430 with brief news and then some pop vocals. Fair and best signal noted from this station in a long while. (D'Angelo-PA)
- 9625 **SOUTH AFRICA Channel Africa** 1111 to 1115 with a tentative ID via the Internet, SINFO=24442, this signal came up from nowhere and then faded out, I heard a song on the piano, the 1000A and the 687' horizontal array. 9/7. (Davis-OH)
- 9630 **BRAZIL Radio Aparecida** at 0135, on 21 Aug, in Portuguese. A female announcer was talking to a male speaker. A slow song played next with a male singer. When the song ended a female announcer came on and spoke. Fair-Poor. (Cooper, PA)
- 9645 **BRAZIL Radio Bandeirantes** at 0140, on 21 Aug, in Portuguese. A male announcer is talking in a long monologue. On a recheck at 0155, on 21 Aug, he is still talking. Poor. (Cooper, PA)
- 9650 **NORTH KOREA Voice of Korea** Kujang, 1252, 9/5/16, in Japanese. Instrumental music with woman announcer into ballad. Poor. (Taylor - Lake Farm Park, Wi.)
- 9720 **AUSTRALIA Reach Beyond Australia** Kunnuura (P), 1347, 9/10/16, in Tamil. End of a familiar hymn, fairly long talk by a woman. Fair. (Taylor - Wi.)
- 9780 **ROMANIA Radio Romania Int'l** 0011 to 0018 with a full ID at 0017, SINFO=55555, an awesome rating, an announcer noted upcoming programming - the *Letter Box* program is on Sunday, the 1000A, the 42' Window antenna, and JRC headphones. 8/25. (Davis-OH)
- 9800 **SOUTH AFRICA Channel Africa, Deutsche Welle** 0416 (approximately) to 0430 with one good ID at 0429, SINFO=43544, I heard a very sad dramatic story about refugees trying to get into Europe, a R-390A and the 42' Window antenna. 9/8. (Davis-OH)
- 9800 **EGYPT Radio Cairo** Sept 17 at 2227, extremely distorted R. Cairo with humor at S4, i.e. the so-called European service in English at 315 degrees which carries right on to North America, but cut off at 2228* instead of 2245, so no loss there (Hauser-OK)
- 9835 **MALAYSIA RTM Sarawak FM** Kajang, 1212, 9/5/16 in Malay. Man with mellow vocal music; Still there at 1323 with instrumental music - fair both times. (Taylor - Lake Farm Park, Wi.) [+]
1352, 9/10/16 with a woman talking. Poor.
- 9854 **ALBANIA Radio Tirana** Sept 18 at 0130, R. Tirana sign-on is readable with some concentration, atop the humor, which is still extremely annoying and discouraging one from continuing to listen (Hauser-OK)
- 9855 **ALBANIA Radio Tirana** *0128-0158* Aug 16, IS followed by a woman announcer at 0130 with English ID and opening announcements. A man with news followed. Later some music programming and talks. IS at closedown. Fair signal but very loud buzz on channel destroying reception quality. (D'Angelo-PA)
- 9900 **OPPOSITION (to North Korea) Suusato no Kaze** Tanshui (P), 1354, 9/10/16, in Japanese. Woman speaking slowly. Fair. (Taylor - Wi.)
- 9910 **GUAM Trans World Radio** Agat (P), 1355, 9/10/16, in Korean. Man and woman alternating. Fair. (Taylor - Wi.)
- 9925 **GERMANY The Mighty KBC** at 0146, on 21 Aug, in English. An old rock and roll song is playing. Wolfman Jack came on and started talking stating that he felt so good tonight he should be arrested. A program promo for the Giant Jukebox was next with Uncle Eric speaking. Good. (Cooper, PA)
- 9930 **PALAU T8WH** Medorn, 1356, 9/10/16, in Mandarin. End music from a program, IS, program promos & ID in English, fanfare, 1400 off. (Taylor - Wi.)

- 9964 **EGYPT Radio Cairo** at 0200, on 21 Aug, in Arabic. There were several time pips that played followed by a female announcer giving a station ID. A male announcer spoke next with the female announcer speaking again in what sounded like a news report. At 0215 an English language pop song original by Elton John "Sorry seems to be the hardest word" played, sung by an unknown male singer. There is a little bit of a hum in the background but the station's audio is completely readable tonight. Fair. (Cooper, PA)
- 11615 **MADAGASCAR Madagascar World Voice** Mahajanga, *2100-2127 Sep 10, light instrumental music opening theme followed by a man announcer in Chinese with opening Station ID and announcements. Pop music vocal followed with a long religious talk shortly thereafter. Good signal. (D'Angelo-PA)
- 11640 **TAIWAN Radio Taiwan Int'l** 1139 to 1142 with a tentative ID via the Internet, Chinese - another station in an unknown language was on the same frequency, SINFO= 31541, the 1000A and the 687' horizontal array. 9/7. (David-OH)
- 11650 **CHINA CRI** 1143 to 1146 with a tentative ID via the Internet, SINFO=24342, I started to hear sports information, so I tuned out, I would much rather hear about a mountain climbing expedition in Nepal or Argentina, the 1000A and the 687' horizontal array. 9/7. (David-OH)
- 11660 **IRAN VOIRI** at 0245, on 15 Aug, in Arabic. A male speaker is chanting/singing (P) verses from the Holy Qur'an. What makes this unusual is that they are using reverberation at the end of each verse causing a pronounced echo effect which I don't normally hear broadcast. Good. (Cooper, PA)
- 11670 **INDIA All India Radio** 2043 to 2046 with IDs at 2045 and 2046, SINFO=55334, there was Indian music and then a woman gave the IDs, the 5050A and the 42' Window antenna. 8/16. (David-OH)
- 11670 **INDIA All India Radio** 1147 to 1159 with a tentative via the Internet, Thai, SINFO=23342, I heard two stations on the same frequency, music, and then a woman spoke, the 1000A and the 687' horizontal array. 9/7.
- 11670 **CUBA Radio Habana Cuba** Sept 18 at 0125, RHC is open carrier/dead air at S9+20; minus modulation, that improves the splatter a lot --- keep it up! While 11760 is OK at S9+35 (Hauser-OK)
- 11700 **BULGARIA Radio Biafra** at 1915, on 19 Aug, in English. A male announcer is talking about humanitarian issues in Nigeria. He talked about a multitude of issues affecting Biafra. A slow song with a female singer with a male singer also coming in to the song played next. This was followed by a Radio Biafra station ID given by a female speaker. A new male speaker came on and spoke about Nigerian history. There was a lot of noise and some fading back and forth today. Fair-Poor. (Cooper, PA)
- 11710 **ARGENTINA Radio Argentina al Exterior** General Pachaeo, 0120, 9/9/16 in Spanish. Program of mellow ballads with man announcer. Fair. (Taylor - Wi.)
- 11710 **NORTH KOREA Voice of Korea** 1334 to 1339 with an ID at 1338, SINFO=35343, I heard three songs that sounded like military choir music and then a woman noted, "You are listening to the Voice of Korea..." I used the 1000A and the 42' Window antenna. 8/16. (David-OH)
- 11735 **TANZANIA ZBC Radio Corporation** at 1925, on 19 Aug, in Swahili. A male singer is singing a Capella song. It sounds like it could be (P) a traditional African song. The song was on until 1945 then it was followed by talk then another song. Poor. (Cooper, PA)
- 11735 **NORTH KOREA Voice of Korea** Kujang, 1351, 9/5/16, in Mandarin. DPRK style instrumental music with woman announcer. Fair. (Taylor - Lake Farm Park, Wi.)
- 11764 **BRAZIL Super Radio Deus é Amor** Curitiba, 0140, 9/9/16 in Portuguese. Man, musical bridge to woman with short pronunciation, musical bridge to man with announcement into talk. Poor with splash from Cuba on 11760. (Taylor - Wi.)
- 11790 **SOUTH AFRICA AWR** at 1950, on 19 Aug, in Fulfude. A male announcer is talking in a long monologue. He finally said "Amen," which was followed by a brief musical interlude, and then a female speaker spoke for about a minute. Fair. (Cooper, PA)
- 11795 **ROMANIA Radio Romania Int'l** at 2300 8/9. SS Svc. Good (McGuire-MD)
- 11815 **BRAZIL Radio Brasil Central** at 0233, on 15 Aug, in Portuguese. A song by Ringo Starr was playing "Every time I see your face." This was followed by a new song with a female singer in Portuguese. A male announcer came on and gave a station ID, and then more talking. Good. (Cooper, PA)
- 11860 **SAUDI ARABIA Radio Sanna** 2220 to 2231 with a tentative ID via the Internet, Arabic, SINFO=35433, I heard three songs, the 1000A, and the 42' Window antenna. 8/26. (Davis-OH)
- 11875 **UNITED KINGDOM Ibra Radio** at 1957, on 19 Aug, in an Unknown language. The station appears to be getting heavy interference by a very loud blob of noise starting at 11865-11875. The noise level is constant and very strong. S8-S9 -78 dBm. Ibra Radio went off the air at 1959. Poor. (Cooper, PA)
- 11905 **SRI LANKA Sri Lanka BC** at 0225, on 15 Aug, in Hindi. A female announcer spoke briefly followed by an instrumental tune playing. The female announcer came back on and spoke again then played another song with the station going off the air at 0230. Fair. (Cooper, PA)
- 11925 **BRAZIL Radio Bandeirantes** Sao Paulo, 0153, 9/9/16, in Portuguese. Man with extended passionate speech. Poor. (Taylor - Wi.)
- 11934 **BRAZIL RB2** Curitiba, 0155, 9/9/16, in Portuguese. Man talking for an extended time. Fair - poor. (Taylor - Wi.)

- 11985 **MADAGASCAR Radio Japan** Talata Volonondry, 2046-2100* Aug 16, man announcer with talk in French language with instrumental music in background. ID and closedown announcements by a man announcer at 2059 over nice Japanese instrumental music. 3+1 time pips at 2100 before carrier was terminated. Fair. (D'Angelo-PA)
- 12060 **FRANCE Radio Algerienne** at 2010, on 19 Aug, in French. A male and a female announcer are talking and presenting what appears to be news headlines. Boco Haram was mentioned. Sudan was talked about along with refugee issues. Good. (Cooper, PA)
- 12115 **KUWAIT Radio Free Asia** at 0057, on 15 Aug, in Burmese. A male and a female speaker are talking back and forth to each other. A brief musical bridge with singing came on then a male speaker started to talk. A lively song played next. Good. (Cooper, PA)
- 15140 **CUBA Radio Havana Cuba** at 1935, on 17 Aug, in English. The DX Mailbag show is on with listener's reception reports being read on the air. The first letter was from the US which gave Fidel Castro birthday greetings. A station ID and program promo played next. Good. (Cooper, PA)
- 15140 **SULTANATE OF OMAN Radio Sultanate of Oman** 1533 to 1536 with a tentative ID via the Internet, SINFO=35534. I heard parts of two songs and then a speech made by a man and woman with soft music behind them. The 5050A and the 42' Windom antenna. 8/16. (David-OH)
- 15140 **CUBA Radio Habana Cuba** at 2000. FF svc Good (McGuire-MD)
- 15205 **CLANDESTINE Radio Adal** Issoudun (very tentative), 1504-1530* Sep 10, tune in to hear all talk programming with extremely weak signal making details next too impossible. Seemed to cut off at 1530 without rising much above the noise floor to get anything useful. (D'Angelo-PA)
- 15300 **FRANCE Radio France Int'l** at 1929, on 17 Aug, in French. An instrumental song is playing. A male and a female announcer came on next and gave a station ID. This was followed by news headlines with musical bridges played between reports. Good. (Cooper, PA)
- 15320 **AUSTRALIA Reach Beyond Australia** 1423 to 1430 with an ID at 1429, SINFO=25452, the overall merit was reduced, because of the pitiful signal strength, there was a public service message that parents are responsible for their children's smart phone usage, a R-390A and the 42' Windom antenna. 8/29. (David-OH)
- 15350 **GERMANY Athmeeya Yathra R.** 1455 to 1500 with a tentative ID via the Internet, Hindi, a Christian broadcaster started in India in 1985, SINFO=25542, graded down, I heard a woman speak, I understood the words "post office box" and that was it, the R-390A and the 42' Windom antenna. (Also on 15,390 kHz. at 1527 to 1530 with a little more noise). 8/29. (David-OH)
- 15400 **ASCENSION ISLAND BBC** at 1920, on 17 Aug, in English. A BBC announcer is interviewing a male business person from Liberia who is talking about his life and aspirations to become President of Liberia. A song with a female singer played next that was country, and then a male song writer talked about Afro Pop being the main song genre in Nigeria even though he liked to write and sing country music. He is being interviewed by a female announcer. Good. (Cooper, PA)
- 15400 **ASCENSION ISLAND British Broadcasting Corp** 1700 to 1702 with an ID at 1701, SINFO=35554, it is almost a miracle that I heard this signal, because the RF gain was turned way down, a R-390A and the 42' Windom antenna. 9/7. (David-OH)
- 15450 **TURKEY Voice of Turke** 1244 to 1302 with an ID at 1301, SINFO= 35343, their signal was cut for a moment at 1246, and then the *Question of the Month* was about the name of a famous Muslim boxer, the 1000A receiver plus the 687' horizontal array and the 42' Windom antenna attached together, the total size is 729'. Without the Windom I was copying word groups and with it I had much better copy. 9/7. (David-OH)
- 15505 **BANGLADESH Bangladesh Betar** Sept 16 at 1359, Bangladesh Betar is very weak, but can hear the IS, and the 5+1 mis-timesignal ending at 1359:52, Urdu service opening theme. If timesignal hits 1400:00 it will only be a coincidence as in past it could be several seconds either side (Hauser-OK)
- 15570 **VATICAN Vatican Radio** 1601 to 1618 with an ID for the Africa Service at 1618, also verified via the Internet, their program was in Swahili, I heard some interesting songs by a choir, SINFO=55545, the PL-660 with its telescoping antenna (at my daughter's home). 8/31.
- 15580 **BOTSWANA Voice of America** 1629 to 1635 with an ID at 1629, English and then another language, SINFO=25522, I heard an advert to stay tuned to the VOA for US presidential election coverage, I was using my 1103 and its telescoping antenna. 9/7. (David-OH)
- 15720 **NEW ZEALAND Radio New Zealand Int'l** at 0223, on 21 Aug, in English. A Weird Al Yankovic version of Another One Bites the Dust played. This was followed by a female announcer talking about the music and then a male announcer came on and spoke about another song. Fair. (Cooper, PA)
- 17700 **VATICAN Voice of America** Santa Maria do Galeria, 1519-1530* Sep 11, two men with a discussion in the Hausa language until closedown. Fair. (D'Angelo-PA)
- 17765 **CLANDESTINE Manara Radio** Issoudun (presumed), 1611-1642 Sep 10, man talking in presumed Hausa language. Vocal selection with some group support followed by more talks by another man announcer. Poor at tune in but steadily improving to fair by tune out. (D'Angelo-PA)
- 17840 **AUSTRALIA Radio Australia** at 0230, on 21 Aug, in English. A female announcer is talking about an ABC feature program. A musical interlude came on followed by an ABC Radio station ID. Beth McQuay came on and talked about her program Country Wide. Talk about the dairy industry and the dairy crisis was next with several reporters talking about the issue. Good. (Cooper, PA)

On the Shortwaves

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< www.ontheshortwaves.com > Update, September 4, 2016 -- Although several smaller Turkish shortwave stations have been heard regularly in recent years, it's easy to forget that there was a time when Turkey was host to a plethora of small, largely local stations that operated on shortwave. Some made it into the World Radio TV Handbook, but many didn't. Most were connected to educational institutions, and usually their operation was on out-of-band channels in the 6 and 7 MHz. region. Owing to their low power, most were considered "impossible" DX catches in the United States, and many were unheard even in Europe. To shed some light on this corner of the DX world, the British Association of DXers in 1972 published a list of these stations,. We have posted the list under "DX History/Stations." -- Also this time, under "Specialized Resources/Wavescan," Adrian Peterson takes us back to 1989 South Africa with "The Mystery of the Unfinished Shortwave Station in South Africa" (Wavescan N392, August 28, 2016).

< www.ontheshortwaves.com > Update, September 11, 2016 -- This time, under "Specialized Resources/Radio Postcards," we have posted a group of postcards from Gurney Seed and Nursery Co. station WNAX in Yankton, South Dakota (Gurney bought the station in 1926). They are: an oldie view of the station; five views of a different site, two naming the WNAX antenna tower as the tallest in America (a third says "the world"); and a group of seven postcards showing various views of the station at its early location. -- Also under "Specialized Resources/Wavescan," Adrian Peterson takes us on a journey to the Cook Islands in "The Island with 1,000 Descendants: Cook Islands Radio Tour – 2" (Wavescan N393, September 4, 2016). -- And under "Specialized Resources/American States on Shortwave," we have updated the "American States on Shortwave" file, adding a "new old station," W2XV in New York.

< www.ontheshortwaves.com > Update, September 18, 2016 -- Under "Specialized Resources/Radio Postcards," we have posted a series of postcard views of Radio Luxembourg, which was on shortwave until 1994 (it returned with DRM broadcasts in 2003). -- And we have this week's "Wavescan" entry from Dr. Adrian M. Peterson: "Anniversary for RRI Radio Republic Indonesia, with introduction about the Song of the Cocoanut Islands" (Wavescan N394, September 11, 2016).

North American Shortwave Association
45 Wildflower Road
Levittown, Pennsylvania, 19057

ISSN 0160-1989

NASWA

The Journal of the
North American Shortwave Association

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