

The **NASWA** Journal

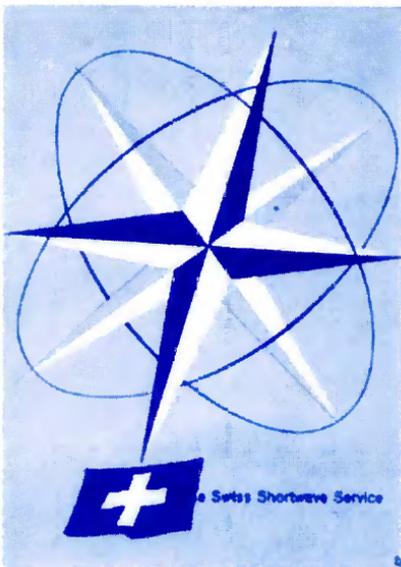
VOLUME XLXIII NUMBER 6

JUNE 2013

Switzerland Calling



Official Opening of NASWA's New Building in Bern, 9th June 1962



The Swiss Shortwave Service

SPECIAL VERIFICATION CARD

We checked your report of 29 March and 1 April 1962.
and thank you for it. It was found correct.

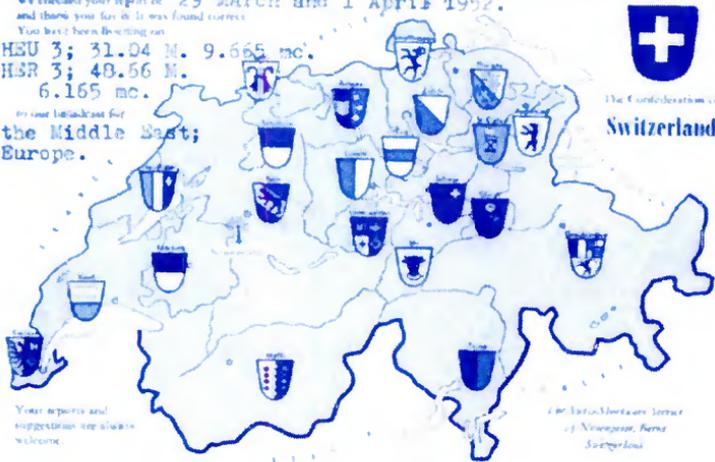
You have been listening on

HSU 3; 31.04 M. 9.665 mc.

HSR 3; 48.56 M.

6.165 mc.

to our broadcast for
the Middle East;
Europe.



The Confederation of
Switzerland

Your reports and
suggestions are always
welcome

The Swiss Shortwave Service
of NASWA, Bern,
Switzerland

Quality Radio Equipment Since 1942

CommRadio CR1



The **CommRadio CR1** communications receiver offers interesting capabilities, not previously available. The CR1 is a true SDR (software defined radio), but does *not* require a computer. Enjoy the benefits and performance of state-of-the-art SDR, but in a conventional radio package. The CR-1 SDR is independent of a host PC, using embedded digital signal processing technology that provides a degree of portability and performance previously unavailable to the radio enthusiast. Coverage includes: 500 kHz-30 MHz, 64-260 MHz and 437-468 MHz in AM, SSB, CW, WBFM, NBFM modes. (LW 150-500 kHz with reduced performance). The incredible performance is combined with exceptional portability and ease of use. The radio may be powered via USB or 6-18 VDC input, in both cases the optional Li-ion battery will be recharging, even when the radio is in use. All this American technology and capability is housed in a compact, metal case measuring 5.64 x 2.43 x 6.10" 1.8 lbs. This radio comes with a DC cord and printed Owner's Manual. This radio requires 12VDC @ 500ma. The MG ADPT40 #0511 \$15.95 is suggested.

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

CommRadio CR1 Order #2001 \$599.95

SPECIFICATIONS

Frequency Coverage and Modes:

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

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

User Configurable Band Key:

Amateur Band Selections: 160 m - 10 m

International Broadcast Bands: 120 m - 11 m

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

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

Auto-Filter Width select with override: AM: 5, 7.5 kHz, 15 kHz - SSB:

1.8, 2.6 kHz - CW: 1 kHz - 500 Hz

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

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

VHF-UHF General Frequency Coverage and Performance:

VHF: Continuous Coverage: 64.0 - 260.0 MHz

UHF: Continuous Coverage: 437.0 - 468.0 MHz

VHF Sensitivity 87.0 - 150.0 MHz: nominal - 90 to - 95 dBm for 12

dB SINAD, 15 kHz filter bandwidth (5 kHz deviation)

VHF Sensitivity 150.0 - 260.0 MHz: nominal - 95 to -105 dBm for 12

dB SINAD, 15 kHz filter bandwidth (5 kHz deviation)

UHF Sensitivity: nominal -83 dBm to -86 dBm for 12 dB SINAD, 15

kHz filter bandwidth (5 kHz deviation)

Standard frequency steps for each band

SCAN blocked on VHF/UHF to comply with FCC Part 15 rules

(Declaration of Conformance)

VHF-UHF Band Plan:

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

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

channel steps

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

NBFM mode default with SSB-CW mode selects.

Marine & NOAA Weather Radio

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

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

Note: 6 m (54 MHz) is not available

Receiver Architecture

HF: Dual conversion (VHF-UHF: single conversion) with low-IF, I-Q

digital sampling, 32-bit DSP with digital audio CODEC

DSP demodulation algorithms: DSB-AM, SSB, CW, WBFM, NBFM

User Selectable, DSP fixed bandwidth channel filtering selections

Audio System - (Digital CODEC)

Speaker Driver: 0.8 W into 8 Ohm load

Internal 2.5" diameter, mylar-cone communications grade speaker

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

Headset Driver: 40 mW into 16 Ohms. (3.5 mm stereo jack - front

panel)

Antenna Inputs

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

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

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

Display

64 x 128 OLED Display with EMI-filtered lens

Readable outdoors (not in direct sunlight) and manually dimmable

Power Supplies

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

center pin-positive)

Optional Internal Lithium-Ion rechargeable battery 6-8 hour capacity

with full speaker volume. 10-12 hours for headset and normal speaker

volume.

Both supply inputs automatically charge the optional internal battery

with the CR-1 powered On and OFF.

Power Consumption

< 1.0 Watt Headset and normal speaker volume

< 1.6 Watt maximum - full speaker volume

USB Mini-B 2.0 Jack

Automatically charges internal battery while maintaining maximum

USB power use < 2.5 Watts

Software updates via "Dropbox" from CommRadio

Mechanical

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

feet)

Weight: 1 lb - 12 oz

Knobs: Machined Aluminum - Black Anodized

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

gloss

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

ESD Protection: ESD Diodes: Antenna ports - Power Jacks - USB

Port-Keys - Knobs



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\$50-\$100=\$8.95, \$100-\$500=\$9.95, \$500-\$1000=\$14.95.
Excludes Alaska, Hawaii and Puerto Rico.

Just as we were going to press this month, **Ralph Perry** sent word of the sudden passing of long time club member **Don Jensen** of Kenosha, WI. Don was an active shortwave listener before NASWA was a club starting as a teenager. He held many positions with the club over the years and in many respects was one of the guiding lights for the club during troubled years and vibrant growth years. Whether he was an active editor, contributor or just a behind the scenes guy helping the club, Don was always there. The club's radio country list was near and dear to him with Don retaining the Chairmanship since its founding decades ago. Don adapted to the electronic age staying active in the NASWA Yahoo Group and other shortwave discussion boards. Don founded Numero Uno back in 1969 which was a private weekly paper news sheet which eventually gave rise to Fine Tuning, Cumbre DX and others around the world; a true pioneer! Always a newspaperman, Don researched stories and news items with the same diligence he used as a reporter in Kenosha; his most recent compelling work being Radio Somaliland. He is survived by his wife, Arlene. She knew many of Don's shortwave radio hobby friends with folks visiting Casa Jensen over the years. Condolences to the Jensen Family on the passing of Don. Rest in peace dnj!

NASWAN **Tim Noonan** advises that the 20th annual Madison-Milwaukee Get-Together returns to the Milwaukee area this year. It will be held on Saturday, August 17, 2013, in safe and friendly Oak Creek (in southern Milwaukee County). This is an all-band event, open to radio hobbyists of all interests. For more information, contact your hosts, Tim and Jill Noonan, at <DXing2@aol.com> or 414-813-7373. A bunch of club members usually attend so make plans for Oak Creek in August.

Sean D. Gilbert, International Editor - World Radio TV Handbook (WRTH), notifies us that the WRTH editorial team is pleased to announce that the Summer (A) Season broadcast schedules file is now available to download for free from <http://www.wrth.com> just follow the link on the front page (updates). Included in this file are: Broadcast schedules for international and clandestine/target broadcasters, international broadcasts in DRM, International frequency listing, and selected language broadcasts. Also included is a decode table for site and target area codes. The 80 page file is just over 2MB in size and in PDF format (with bookmarks to assist in navigating between sections) and unique section page numbering to assist with printing. They hope readers find this file a useful accompaniment to the printed WRTH.

AJ Janitschek informs us that Radio Free Asia (RFA) recently announced the release of the second QSL card in the series highlighting the International Broadcasting Bureau ("IBB") transmitter sites used for RFA programming. RFA programs are broadcasts from the following IBB sites: Biblis, Iranawilla, Kuwait, Lampertheim, Saipan and Tinian. The 7.4 acre Saipan site has three curtain antennas with main beam bore sights of 195, 270 and 340 degrees. These antennas can be electronically slewed horizontally. IBB Saipan is equipped with 3 high-power shortwave transmitters that carry RFA's programming to China, Korea, Southeast Asia, and Tibet. This is RFA's 50th QSL overall and will be used to confirm all valid RFA reception reports from May 1 through August 31, 2013. RFA welcomes all reception report submissions at <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, and for anyone without Internet access, reception reports can be mailed to: Reception Reports, Radio Free Asia, 2025 M. Street NW, Suite 300, Washington DC 20036, USA. Upon request, RFA will also send a copy of the current broadcast schedule and a station sticker.

The Danish Shortwave Club International (DSWCI) will hold its Annual General Meeting 2013 (AGM) at the Danhostel Ishøj June 14-16, 2013. All details are available at www.dswci.org/agm. Anker Petersen notes that DSWCI members from Germany, Russia, Finland, Sweden and Denmark will attend this meeting. After the AGM, Tibor Szilagyi will talk about "The EDXC / my experiences from those many Conferences between 1981 and 2012". Then Anker will show slides from his DXpedition to Malaysia and Sumatra (and I thought French Creek was exotic!). There will also be possibilities to study newly

found QSLs from the 1950ies and 1960ies from the club's first Chairman, N. J. Jensen. Finally, Anker will conduct a demonstration of his new Bonito RadioJet 1102S. All DXers are welcome to participate.

Don't forget to order your copy of the DSWCI's 15th edition of the Domestic Broadcasting Survey (DBS-15). The 24 pages A-4 size DBS-15 is available by e-mail as pdf-format (about 400 kB). A limited number is also available printed on paper. It is sold by the treasurer: DSWCI, c/o Bent Nielsen, Egekrogen 14, DK 3500 Vaerloese, Denmark; E-mail edition: DKK 35,00 or USD 7.00 or EUR 5,00 or GBP 4,50 or SEK 40,00 or IRC 3; Printed edition: DKK 70,00 or USD 14.00 or EUR 10,00 or GBP 9,00 or SEK 80,00 or IRC 6.

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

Musings

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

Please e-mail musings to jerrylineback@comcast.net or send to P. O. Box 1220, Grantham, NH 03753. Next deadline is June 26. Thanks to all contributors.

Randy R. Wynn, P. O. Box 94949, Lincoln, NE, 68509-4949.

I have been around shortwave radio since 1986 and I really enjoy listening to the world along with other shortwave broadcasters. There are 3 transmitters on 9480/5830, 5085/9930, and 121055. These belong to WTWW. If anybody has program and frequency schedules for WTWW-2, 9930/5085, and WTWW-3, 12105, I would very much appreciate receiving them. I already have the WTWW-1 program/frequency schedule.

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

On Thursday, May 23, I received an e-mail from Ralph Perry saying that well known DXer Don Jensen has passed away. I first met Don sometime in the 1970s. He has long been a steady hand in NASWA, particularly in the area of country-counting, keeping the country list up-to-date, yet consistent with history. No easy task in a tumultuous world. I am sure others will present more detailed eulogies in the *Journal*. Don will be missed.

Nothing heard from Rich this month. Please contribute your musings, this is your column in the Journal.

Thanks to all contributors, 73s from Jerry Lineback.



Easy Listening

Richard D. Cuff • 42 North 37th Street • Allentown, PA 18104 • richard@thecuffs.us

Broadcaster Watch List

World Radio Network cut from Sirius/XM Satellite Radio

One of the first refuges for shortwave programming enthusiasts in the USA and, later, Canada, as broadcasters began cutting English language shortwave transmissions was satellite radio. Initially, two vendors – Sirius and XM – offered the technology, selling subsidized radios through new automobile purchases as well as after-market solutions. Their policy was similar to that of traditional cell phone companies – sell the equipment at a loss, make it up on monthly contract or subscription costs.

Sirius/XM has discontinued offering the World Radio Network (WRN) on its service, directing users to listen to the BBC World Service for international news. Other than that guidance, no reason has been offered by either WRN or by Sirius/XM for the decision, according to John Figliozzi. Instead of WRN audio, a continuous loop is currently playing on that channel instructing listeners to tune to the BBC World Service channel for international news.

There has been no public statement regarding how the channel will be used... whether another public radio-style offering or a music station of some sort.

It would appear that Sirius/XM expects to gain more listeners from this new channel – whatever it is – than it will lose by discontinuing WRN, which once again points to the apparent niche interest in international broadcasting.

There's been some talk that WRMI – which already carries some WRN programming – might add some hours after one of their for-hire contracts ends, which would help get some traditional international broadcasting back on shortwave, if indirectly.

WRN also shows up on some public radio stations, especially during overnight hours, and especially on some stations' IBOC HD2 audio subchannels. One such outlet is Seattle's KUOW HD2, which has an hour of WRN weekdays at 1100 UTC. WRN's own website lists 15 such stations, but this KUOW HD2 carriage is not on the list. Some cable TV companies that offer an FM radio package may also include WRN.

As I've often mentioned, WRN offers multiple live English language streams on its website, and also offers on-demand audio from more than 30 English language broadcasters.

The latest addition to WRN's English on-demand offerings is from the Voice of Nigeria – an hour of VON recorded at 1830 UTC. It's recorded off the air via shortwave, presumably using DRM when WRN's receivers receive a DRM signal. A recent sampling of the audio sounds like it's "phone line" quality, though it was steady with no fading (suggesting it might be a DRM source).

Radio Australia's continuing evolution

When I first started listening to shortwave in the mid-1980s, it seemed much of what **Radio Australia** offered at that time was music, with a global current affairs program, *International Report*, offered every two hours. Radio Australia later was merged into Australia's public broadcaster, ABC, more directly, and a fair amount of RA programming became relays of other domestic ABC programming, primarily from the **Radio National** domestic spoken-word service.

More recently, Radio Australia has shifted away from a high concentration of **Radio National** relays, instead offering more of

its own talk programming or news/talk programming shared with the domestic **NewsRadio** service. For example, in the Pacific-targeted service we would hear in North America two hours of live talk and music air weekdays 0000-0200 UTC; **Radio Australia Afternoon** is a one-hour block airing at 0700 UTC weekdays, and a three-hour block of news and conversation is hosted by Tracee Hutchinson at 0900 UTC weekdays. **Live talk with Phil Kafcaloudes** airs Sundays-Thursdays at 2130 UTC.

For those of us in Eastern North America, the 0900-1200 block of Radio Australia-originated programming is what we'll likely hear via shortwave.

The good news is that, while Radio Australia is increasing the amount of its own content, it continues to relay some of the best domestic ABC programming as well, such as **Late Night Live**, Mondays-Thursdays at 1600 UTC, three hours of **Saturday Night Country** on Saturdays at 1300 UTC, and three-plus hours of **Australia All Over**, Saturdays 1930 UTC. Unfortunately, only a limited portion of this is likely to make it to North America via shortwave. However, both of the Radio Australia services – the Pacific service, which we are generally able to hear via shortwave, and the Asia service – are both offered as live streams 24 hours per day. As you might expect, the live sports coverage – **Grandstand** – is not available online.

Those who have been introduced to other ABC programming via Radio Australia, and have Internet access of some type, can find streaming audio for the wide variety of spoken-word programming offered on **Radio National**, some of which used to be relayed on Radio Australia. I've long used the *Easy Listening* column to highlight these offerings.

Overall, the ABC offers a quality and variety of programming that seems to be disproportionately high in quality versus the size of Australia's population. Don't let the fact this is offered as domestic content dissuade you from listening; even ABC's domestically-targeted programming

has enough international content to be interesting and relevant to a global audience.

China Radio International – some highlights

As the *Easy Listening* column has recently focused on those broadcasters exiting shortwave, I haven't spent much time looking at **China Radio International**, which continues to maintain a comprehensive English language shortwave presence. A recent visit to the CRI website yielded some programs that I don't think I've seen before now:

The World According to Words is a program on language – seeking to reflect the shifting wordscape by taking a closer look at some of the most important and popular new words that have come to define the world we live in. This half-hour weekly feature explores the stories and deeper meaning behind the current buzzwords, particularly those affecting China and its people. Liu Yang hosts; a week's program highlights a single word or phrase – it's impressive there's enough of a discussion to justify a full half-hour of discussion on a single phrase, its origin and usage, and an in-studio discussion around the phrase. North American listeners can likely hear the program at 2330 Fridays/Saturdays and 0130 UTC Saturdays/Sundays in CRI's shortwave broadcasts. Other shortwave airings include 1930 Fridays/Saturdays; 0430 weekends; 1130 weekends; 1530 weekends. **The World According to Words** also is available for on-demand listening and MP3 download.

In general, the 0030 UTC timeslot features a rotation of features, which offer more variety than the news / talk magazines that are increasingly dominating the CRI schedule. Sunday features the travelogue **China Horizons**; Monday features the documentary program **Frontline**; Tuesday features **Biz China**; Wednesday's program is the performing arts feature **In The Spotlight**; Thursdays offer **Voices From Other Lands**; Fridays it's **Life In China** Saturdays feature **Listeners' Garden**.

Other times when this rotation airs should include 0530, 1230, 2230.

Of these, my favorite is probably **Frontline**, as this documentary demonstrates that all is not roses as China's culture continues to modernize. Domestic and social issues are often discussed through the lens of first-person interviews.

Life In China looks at a variety of trends that affect everyday Chinese people; while many of the programs emphasize social and cultural perspectives, the local impact of China events reported globally is also covered; one recent report looked at earthquake survivors and how they are coping in the quake's aftermath.

Listeners' Garden is in the midst of a series profiling China's World Heritage sites, giving the program some elements of a travelogue, similar to **China Horizons**; that feature serves as the kickoff to listeners' letters, with additional information on the World Heritage Site of the week interspersed with the letters discussed each week.

In March 2013, CRI shifted its online audio to MP3 formatted audio, which makes it easier to download programming available on-demand for transfer to portable devices; that's a good step in improving accessibility and usefulness of its website.

New from the BBC World Service

The seasonal changes brought new programming, such as **The Newsroom**, mentioned last month; here are some other new or revamped programs on the schedule.

Business Matters features key global business news in Europe, the Middle East and Africa, with live guests and contributors from Asia where the day is beginning and the USA where the day's business is coming to an end. It's a new 55-minute weekly

program, airing Tuesdays-Saturdays at 0005 UTC. There had been some publicity in the past few months indicating the BBC was going to increase its emphasis on business programming; this new program is the manifestation of that increased emphasis; **Business Daily** and **World Business Report**.

The History Hour is hosted by Max Pearson – one of the voices of **The World Today** and **Newshour**. The program includes archival audio from the BBC, helping add a richness to the reporting. Airs 0305 Mondays, 1205 Saturdays, and 2105 Saturdays, and apparently includes repurposed content from the *Witness* series.

The Arts Hour is a weekend program looking at music, TV, film, books, and the arts. Airs Sundays 0005, 1205, and 1905. A program at the end of April features an interview with comedian / actor / musician Steve Martin.

Times shown above are from the schedule that applies to live webcasting and – it's presumed – shortwave and satellite audio service, though I haven't yet had the time to verify that. Also – kudos to the BBC for showing all times in its schedules as GMT (UTC); most recently the Internet schedules were for local time in London, which is one hour ahead of GMT 7 months of the year.

I also took a listen to **The Newsroom**, which generally replaced **World Briefing** in the schedule. It honestly doesn't sound too different to me...just an effort to leverage the investment the BBC made in this new whiz-bang newsgathering studio that serves as the backdrop for the **BBC News Now** TV newscasts.

That's all for now – hope the warmer months are enjoyable for listening to international broadcasting whether on the radio, smartphone, or Internet radio!

73 DE Richard



Shortwave Center

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

We have a nice mix this first month of summer with two entries by members! There's a NASWA Country Committee report by Don Jensen and Jim Ronda's explication on receiving antennas. There's also a comprehensive review and useful comparison of the new Bonito RadioJet receiver and a report from The Financial Express of India on CRI's incursions into Indian "airspace". Good summer reading!

NASWA Country List Committee Report

Don Jensen
NASWA Country List Committee Chair

With reports that a station to be called Radio Puntland soon will begin regular broadcasts from the Horn of Africa, the CLC has received some questions as to possible changes in the NASWA Country List. The five-member committee has studied, discussed and reached a decision.

In summary, the decision is that activation of Radio Puntland will have no effect on the NASWA Country List. No new country will be added to the list. Reception of Radio Puntland will count under the existing list entry, Somalia. Dem. Rep. - Italian.

By way of background, what is termed Puntland is an area within what once was part of Italian Somaliland, and which upon the end of colonial rule, was merged in 1960 with the former British Somaliland to form the independent Somalia. With the effective political failure of the government in Mogadishu, the northern Puntland area established its own more-or-less working regional government, located (like the new Radio Puntland) at its "capital," Garawe.

Member Article:

While the CLC has, in the past, recognized "breakaway" regimes with some history of longevity, if not international recognition, as separate "radio countries" on our list, the Puntland case does fit those precedents.

All evidence is that the Puntland regime does not consider itself to be Independent of the barely functioning central government in Mogadshu. In short, Puntland's aspirations are not for indendence and its regime in Garawe still considers its territory to be part of greater Somalia. If Puntland does not consider itself an independent and sovereign country, the CLC will not designate it as a new and separate "radio country" for NASWA Country List purposes.

The CLC regrets that no additional new "radio country" will be created. Certainly with so many "radio countries" on our list having gone silent, in recent years, we would welcome the addition of new entries. But a standard that changes its long-existing rules of what should and should not be considered a "radio country" ceases to be an effective long-term yardstick.

Antennas? Let Me Count the Ways

By Jim Ronda

I've had a long and checkered history in the world of wire receiving antennas. That history began in the 1970s when Jeanne and I lived in a townhouse in Youngstown,

OH. There was no chance for an external antenna. Much by accident I discovered that the attic space was continuous through the entire building. Little did my neighbor know that I was crawling above their stringing my fifty feet of wire. In an ag

of relatively low RF pollution that antenna did remarkably well. So far as I know some forty years later that wire is still there.

Over the past several years here in Tulsa I've had more antennas than a famous company once had pills. The list suggests both obsession and frustration. Because inquiring minds might want to know I offer the following:

- Eavesdropper T – attic mounted
- Eavesdropper T – exterior
- RF Systems GMDSS-2 vertical
- RF Systems Mini-Windom
- Long wire with RF Systems MLB balun
- PAR EF-SWL in non-sloper configuration
- PAR EF-SWL in sloper configuration
- Homebrew FlexTenna
- FlexTenna with MLB balun

I've probably forgotten other short-lived experiments – and they most likely deserve to be forgotten. At one point – surely a low point – I had five wire antennas. All these antennas worked to one degree or another. But in the final analysis they were noise magnets.

In order to appreciate my quest for a better antenna it is important to understand the geography of my backyard. I live in suburban Tulsa. Tulsa backyards are wide and shallow. At the back of the yard there are high tension electric transmission lines and a large CATV cable. I quickly learned that a wire antenna running parallel to the power lines is a guaranteed noise magnet. And the lawn service guys were none too keen about those backyard wires.

The only viable place to locate an outside antenna is in the space between our house and the neighbors. That space is 16 feet wide and about 45 feet long. My 41 foot

PAR EF-SWL sloper fits neatly in that space. There is a wooden privacy fence that has long served me as a place to anchor various antenna masts. There were times when that space was a tangle of wires offering birds a real navigation challenge. At one point last summer I came around the corner of the house to check the antennas and encountered a pair of mallards. I was surprised; they were too. They took off in a panic and flew directly toward me. I hit the ground and barely escaped being “ducked.”

Don Jensen and I have had long e-mail exchanges about my antenna problems. As Don wisely pointed out, in 2013 there is more RF pollution than say 20 years ago. Plainly the wire antennas I've tried were prone to pick up what is now a nasty RF soup noise floor. The goal, as Don observes, is to improve the signal-to-noise ratio, which is relatively more important in this era than eking out a bit more signal. We don't have a flat screen TV but our neighbors on both sides do. We have relatively few electronic gizmos but between the three households and the high-tension lines there is enough RF pollution to make a DXer's life difficult.

Don repeatedly suggested that I investigate a Wellbrook active loop. Even though he was having good success with his Wellbrook, I balked at the advice. I did that for a foolish reason. I had in my mind the image of a large, unwieldy loop of the kind shown on one page in the Passport to World Band Radio. If I'd been smarter I would have gone to the final issue of PWBR and noted the presence of the smaller Wellbrook loops.

Finally in late April I went to the Wellbrook website and took a careful look. I also read Guy Atkins's valuable review of the loop. Steve Nichols's fine January 2012 RADCOM review is on the Wellbrook website as is the Atkins review. I strongly recommend reading both reviews. The Nichols review has a photo of how the loop is packaged for transport so you and your mail carrier will not be surprised by the arrival of a large well-wrapped hula-hoop. I had a good e-mail exchange with Andy Ikin at Wellbrook. Andy responds quickly to e-mail questions.

Considering the time difference I don't think he ever sleeps!

In early May Don's gentle persuasion finally worked and I ordered a Wellbrook ALA 1530 LF-2. With insurance and Priority Air postage the entire cost was \$365.00. Knowing that the loop came in unusual packaging, I made a point to tell my neighborhood mail carrier to be on the lookout for it. Randall is a real Oklahoma "Good Old Boy" and we've become friends over the years. He remains curious about my radio hobby and I was sure he would take good care of the loop. The real tension was in watching the antenna's progress across the Atlantic as revealed in the USPS website. Once it left the Coventry, UK mail depot the package fell into a black hole until it arrived at the USPS unit in Tulsa. I admit I had several anxious days wondering if it had been delivered by accident to St. Helena or the Falklands. I might add that the loop came from the UK to Tulsa in just seven days. And yes - it did cause quite a stir at the local post office, but Randall made sure it was properly loaded on his delivery truck.

The ALA 1530 LF-2 is three feet across. It has a low noise amplifier at the base of the loop. The antenna interface and wall wart power supply are located inside the house and close to the receiver. Because the power supply/interface combination does not have an on-off switch I followed Don's advice and put the wall wart on a surge protector power strip. The interface does have an on-off pilot light. This Wellbrook is specifically engineered for use in North America. The Wellbrook package comes with everything except coax lead-in and two BNC-male SO239 adaptor plugs. The adaptors are Universal Radio part #2122. I might add that it is important to weatherproof seal the coax connection to the loop. I have my loop mounted on a mast about ten feet off the ground and about fifteen feet from the house.

Distance away from the house seems more important than height off the ground. Knowing about Tulsa ice storms this Fall I may add a vertical brace from the base to the top of the loop to give added strength. I salvaged a mounting bracket

from the GMDSS-2 vertical antenna to make attaching the loop to the mast a fairly easy task. The vertical was an expensive and failed experiment. I'm glad at least part of that experiment could be of some value.

There is no such critter as a perfect antenna; but the Wellbrook does an amazingly good job of screening out much of the RF noise. The signal is not necessarily stronger; it is just clearer, with improvement in the all-important signal to noise ratio. The loop does seem to be nearly omni-directional on shortwave. In a observation that is probably unique to my situation, I have found that the loop is less sensitive to RF noise from the power lines if it is oriented at right angles to the lines. This is what I've also found when working with wire antennas.

Three log examples are representative of what I've found so far. In each case the signal with a wire antenna was either unreadable or very poor because of high RF noise problems. The Wellbrook produced a signal that was clear enough for a reliable log report. The comparisons have been done using an NRD-545 and switching between the Wellbrook and a PAR EF-SWL sloper. I might add that I've kept the attic-mounted Eavesdropper since that is also connected to my R-75.

5950 ETHIOPIA V. of the Tigray Revolution 0255

9835 MALAYSIA RTM Sarawak FM Kajang 1128

9960 PALAU Khmer Post Radio 1217

My hope now is that the Wellbrook will finally remove the Anti-PNG shield that has for so long surrounded my house. This is the season [late Spring - early Summer] on the southern Great Plains for a lot of storm-generated noise so a fuller test of the Wellbrook will have to wait for quieter days. But for now the Wellbrook seems to be the answer to getting out of the suburban RF swamp. I owe a great deal to Don Jensen for nudges in the right direction and important suggestions aimed at improving this draft. I am also grateful to Andy Ikin at Wellbrook for quick and informative replies to my e-mail questions.

Receiver Review:

New Bonito RadioJet 1102S receiver vs. AOR AR7030Plus

Reviewed by Anker Petersen

How to operate

Via DSWCI DX Window

During the past two months I have had the possibility as an experienced Hard-core DXer without much technical insight to compare the new RadioJet 1102S from the German producer Bonito (web: <http://www.bonito.net/radiojet/>) with my AOR AR7030Plus, used with success for many years particularly on listening to broadcasting to the tropical shortwave bands.

I purchased my software-defined receiver directly from Bonito. It consists of a very small hardware box, which has an USB cable connection to my PC (which provides its power) and an antenna connector. A CD-ROM with the software was loaded within a few minutes and after connecting an antenna, I was ready to go! The RadioJet (RJ) then provided an icon on my PC. I can now switch from ordinary computer use to radio use in less than ten seconds at any time!

The RJ is a high performance IF-receiver that covers from 40 kHz to 30 MHz continuously. In contrast to the well-known wideband Perseus receiver, the RJ concentrates on a 24 kHz spectrum at any time. It has no Automatic Gain Control, but two digital output channels (RX-Channel and DX-Channel) with different signal levels. It is built to perform with computers using Windows Vista, XP or 7, with a PC mouse having two buttons and a scroll wheel.

The price, according to WRTH 2013 page 17, is US\$679, £599 or €499 plus 19% German VAT and transport. By that, it is more than \$300 cheaper than the Perseus. I paid about double that for my AOR some years ago.

At first glance, the RJ looks very complicated to work with for the DX-er! But after having studied the manual on the software, the main functions are very simple to use. (By the way, only the main part of the manual is in English. The more technical details are not translated from German.) Here I will comment on the main functions:

On the PC screen you cannot turn the knobs like on an ordinary communications receiver. Instead you just point with the mouse on the knob and turn its wheel up or down. Very simple! The big "Tuning" knob on the top is a good example. It contains many extra possibilities. You can select between 17 different frequency jumps for tuning from 1 Hz to 500 kHz. On shortwave I normally choose the 5 kHz jump in order to scan through the meter band. On medium wave I select 9 kHz, if I scan for European stations, but select 10 kHz for American stations. If you want to listen to a specific frequency, you just type it on your computer keyboard and press "Enter" and the receiver is on that frequency right away! Other tuning features are to click on the frequency numbers on top of the screen or to click on a neighboring signal. It then jumps to the center of the spectrum. At the same time at the bottom of the screen is shown a huge frequency list with all current broadcasts on that frequency. It is updated regularly free of charge via an integrated online update function.

The RJ has five well known listening modes: LSB, USB, CW, AM and FM. But in addition is DRM (Digital Radio Mondiale), which also works perfectly well on this receiver! I will test this later in this article.

The volume can be controlled by several "knobs" like the Main gain control (IGC = IF Gain Control), IF Gain and AF Gain. The

IGC has 15 different possibilities among which to choose.

The noise reduction is also very advanced. When you switch on the NR (Noise reduction) there are no less than 30 positions to choose between. Furthermore you can select NB (Noise Blanker) where additional 15 positions can be selected. Finally the ATT (Attenuator) can tone down severe noise disturbances.

The RX-Channel is excellent for strong signals with good reception, whereas the DX-Channel has unique possibilities--with the features just mentioned--to make a weak signal audible.

Furthermore the "Filter Shift" can remove disturbing interference. An example is RTBF in Wavre, Belgium, on 621.1 kHz. It is often disturbed by a whistling tone on 622.2 kHz here in Denmark. By using the Filter Shift knob, this QRM can be totally avoided!

The RJ also includes a recording device, so that you can send the radio station a recording or a screen shot of its signal. Furthermore a clock is provided showing correct UTC-time.

Comparison of RJ with AOR receiver

I compared the RJ with my AOR by checking the SINPO for 44 stations on longwave,

medium wave and shortwave (75 - 16 mb) by using the same 28 meter outdoor longwire in two meters altitude for all stations. The RJ had the best SINPO in 25 cases (57%), the SINPO was the same in 8 cases (18%), whereas the AOR performed best in 11 cases (25%), particularly in the higher short wave bands (25-16 mb).

DRM reception

I tried most of the very few available stations which broadcast in DRM on shortwave. I heard 17 broadcasts at various times from eight European stations and one overseas (All India Radio). Regrettably only eight broadcasts (47%) had signal strength enough to be audible more than 90% of the time. But when audible in DRM, the quality was perfect! I used the same antenna as mentioned above.

Conclusion

The Bonito RadioJet 1102S is a unique DX-receiver with many new features which take time to learn. Its sensitivity and selectivity is excellent and when selecting the DX-Channel, one can really dig out a weak station from the disturbances. In many cases it performed better than my well tested AOR AR7030Plus. I can highly recommend this state-of-the-art receiver to DXers, and you can get it for a reasonable price.

International Radio News:

China Jockeys for Radio Control

By Ashish Sinha, The Financial Express of India

Tuesday, May 21, 2013

New Delhi : The Ladakh incursion may be recent, but the Middle Kingdom has been making quiet inroads into the Indian mindspace for a long time. After securing a large Indian footprint with powerful cross-border radio broadcasts and a vernacular

bonanza via shortwave, China is all set to pump the volume.

The external service of China Radio International (CRI) beams content in Hindi, Bengali, Urdu, Tamil and other Indian languages and is believed to be beefing up the portfolio. Official sources told FE that the station is planning to add Gujarati, Punjabi and Malayalam to its external service menu soon. CRI is also believed to be planning to

set up a local office, subject to government approval, to meet its expansion plans.

Such 'legal' shortwave broadcasts come on top of China-backed radio stations in Nepal beaming programs in Hindi dialects, reaching up to 100 km across the border into the villages of Uttar Pradesh and Bihar.

The northern neighbor's experiments in molding public opinion across the border have not gone unnoticed. The enhanced signal strength from the Nepal stations has been of particular concern, said a senior official.

"All India Radio (AIR) has been told to beef up its transmission network to counter this threat. Around R400 crore have been sanctioned in this year's Budget to tackle the cross-border communication influx," he said.

Apart from improved cross-border beaming, the external service of All India Radio is also set for an overhaul. Programming and the technical improvements in AIR external services in Ladakh and all along the Nepal and China border are on cards. Currently, AIR broadcasts its external services in 27 foreign languages via shortwave. However, these attempts may be no match for CRI, which broadcasts in over 60 languages, reaching most countries in the world, armed with a half-billion-dollar-strong budget.

Already, cheap Chinese-made multi-functional radio sets have flooded the markets in the villages and towns in northern Bihar and Eastern Uttar Pradesh.

Last week, Cai Jun, deputy director of the Tamil department of CRI based in Beijing told visiting foreign journalists that the station wants the FM radio network in Tamil Nadu to broadcast some of its content in Tamil. CRI Tamil Service also has plans to launch its own FM service in India. However, current FDI policy in FM radio sector caps

foreign investments for the upcoming third-phase expansion at 26%.

"The easiest legal way for any foreign radio broadcaster to enter Indian FM space is through content sharing. But the content has to be compelling for both listeners and advertisers," said a senior executive of the association of radio operators in India (AROI), the apex body of private FM broadcasters.

CRI's Tamil service is in India for over three years broadcasting on shortwave across Tamil Nadu, and is planning to launch more Indian language services.

"More languages means more Indian radio professionals may be need to work out of Beijing. With the third-phase of FM radio auctions expected soon, foreign media companies may look to participate through joint ventures, either before or after auctions," said the AROI executive.

Made in China, Heard in India

* CRI broadcasts in Indian languages, Nepali stations beam in Hindi

* CRI founded in 1941, earlier known as Radio Beijing, Radio Peking

* Global presence in 60+ languages using 50+ shortwave transmitters

* Competes with BBC World Service, Voice of America in US, Europe

* CRI Hindi service since 1959; dedicated Hindi, Tamil websites

* CRI Nepal re-transmits India-centric programs into Bihar, UP and Ladakh via Nepali FM stations

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Glenn Hauser's schedule can be found at

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

International Broadcasting

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Radio Australia joins the digital text club

On May 18, Radio Australia began test transmissions of digital text and images via analog shortwave transmitter. The five-minute broadcasts consisted of plain text in the MFSK16 mode (58 wpm), then text in MFSK32 (120 wpm), and an image of the Radio Australia logo in MFSK32. The transmissions are at 0830-0835 and 1230-1235 UTC, times that RA usually reaches the eastern USA with no difficulty. I concentrated on 7410 kHz at 0830 because it was the least well heard of the station's frequencies. Despite a fair-to-poor signal, and slop from a Cuban jammer on 7405, fading, and occasional static from lightning, copy of both text modes was 100%. The Radio Australia logo was a bit fuzzy but readable – and in color.

Merkouris Gogos in Greece had really awful reception of RA on May 19 at 0830 on 11945. Which is to say the reception conditions were excellent for the testing of the digital text modes. It was a textbook example of the capability of digital text via analog shortwave, in that even though the signal quality offered no chance for voice content to be comprehended, the MFSK16 text was copied 100%, and the MFSK32 97.5%. The RA logo was a bit of a mess, though. You can see and hear the results at voaradiogram.net/post/50913152003/radio-australia-mfsk-text-copied-100-in-greece

Meanwhile, VOA Radiogram continues its weekly broadcasts. Lately, we have been experimenting with images via shortwave broadcast. Pictures have been received using the SSTV (slow scan television) Scottie DX and P5 modes, and well as MFSK32 images. Digital images, using a system derived from DRM and the Easypal software, will also have been tried by the time you read this. The FreeDV digital audio system, borrowed from the amateur radio community, is also on the agenda.

Schedules and mode lineups for VOA Radiogram, Radio Australia, The Mighty KBC, and other stations joining in the digital experiments, are posted at voaradiogram.net. Download Fldigi from www.w1hkj.com and join us in the decoding exercises. We are finding new uses for old shortwave transmitters, and demonstrating why it would be imprudent to dismantle any more of them.

Shortwave is “given short shrift.”

Even as Radio Australia experiments with text via shortwave, there are reports that it might cut back on its shortwave output. Daniel Flitton reported in the Sydney Morning Herald on May 9th: “The ABC could soon abandon international shortwave radio broadcasts to China and Indonesia, ending more than 70 years of beaming news and current affairs on high frequency into Asia.

“But the public broadcaster’s management insist it will not flick the switch on shortwave services of Radio Australia to Papua New Guinea and tiny Pacific nations for now. ABC international chief Lynley Marshall said the older shortwave technology was still relevant in the Pacific, despite a drive to make mobile and internet devices the ‘primary’ way of delivering news.

“Staff had grown increasingly alarmed in recent months that the shortwave service to the Pacific would be canned - including a popular Tok Pisin service to PNG - raising fears expats and locals would be vulnerable to dangerous news blackouts during natural disasters or regional strife.”

David Smith, writing in the South Africa-based Good Governance Africa website, is also concerned about shortwave: “Throughout today’s modern digital world, short-wave radio is given short shrift. But in Zimbabwe, on the verge of holding presidential elections, police have staged a nation-wide crackdown, declaring possession of short-

wave radios illegal, without any basis in law. Radio Dialogue, a local community station based in Bulawayo, has been trying unsuccessfully for years to obtain an FM licence. Instead, it uses short-wave to send its signal around the world to an audience that is within shouting distance of its studios.

"Just before the constitutional referendum held in March, police raided the station and seized several dozen short-wave radios. Its manager, Zenzele Ndebele, was charged with contravening import-export regulations.

"Next door in South Africa, one of the lesser-known legacies of apartheid is the near impossibility of buying a short-wave receiver. During the 1970s the National Party government attempted to dissuade South Africans from listening to foreign broadcasts, particularly ones they deemed undesirable. To satisfy the listening public, they built one of the world's most advanced FM transmitter networks to carry South African Broadcasting Corporation (SABC) programming.

"A mixture of music and carefully vetted talk shows went out on African-language stations previously known as the Bantu services. Pretoria's hope at the time was that the clear sounds of an FM signal would stop people from listening to the poor audio quality of short wave stations such as the ANC's Radio Freedom, the BBC World Service, Radio Havana Cuba and Radio Moscow."

The BBG sputters along

The Broadcasting Board of Governors has not had a meeting with the required quorum since January. The designated chair of the BBG, Michael Lynton, CEO of Sony Entertainment, has been absent for several months. Another part of the problem is unfilled seats on the Board. According to the Huffington Post on May 10, "President Barack Obama said Friday he would nominate former U.S. ambassador Ryan Crocker to the Broadcasting Board of Governors, despite Crocker's guilty plea last year to reckless driving in connection with a hit-and-run crash while he was intoxicated." Ambassador Crocker's biography states that he is "the Kissinger

Senior Fellow at Yale University, a position he has held since October 2012. He is also the James Schlesinger Distinguished Visiting Professor at the University of Virginia, a position he has held since March 2013. From 2011 to 2012, he served as Ambassador to the Islamic Republic of Afghanistan. Previously, Ambassador Crocker was Dean and Executive Professor at the Bush School of Government and Public Service at Texas A&M University. His 37-year career in the Foreign Service included service as U.S. Ambassador to Iraq, Pakistan, Syria, Kuwait, and Lebanon."

Ambassador Crocker would replace Victor Ashe as one of the four Republicans on the BBG. The decision, actually by Senate Minority Leader Mitch McConnell, to replace Mr. Ashe, a former mayor of Knoxville and ambassador to Poland, provoked protests from the VOA's main union, the American Federation of Government Employees local 1812. Governor (as in one of the Broadcasting Board of Governors) Ashe, perhaps surprisingly for a Republican, has been the outspoken champion of labor on the Board. He brings up and presses issues, such as the plight of VOA's many permanent contract employees, that the BBG has traditionally tried to ignore, at least in public meetings.

Tim Shamble, president of AFGE 1812, wrote to Leader McConnell: "Governor Ashe has been a sterling member of the BBG. Terminating Victor Ashe's appointment would be a real loss for the Agency's mission and moreover, for the employees in this Agency, the majority of whom respect and admire Governor Ashe for his determination to resolve long-term problems, to improve morale, to obtain necessary resources as well as his insistence on transparency and open governance. Governor Ashe has been a beacon of hope for the employees of the Voice of America and Radio/TV Marti and if he goes, whatever improvements in morale that have occurred in the Agency are almost sure to vanish as well."

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

Listener's Notebook

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Times are UTC and frequencies in kHz.

ALASKA Summer A-13 of **KNLS** only via one transmitter:

0800-0900 on 9655 Russian
0900-1000 on 9655 Chinese
1000-1100 on 9655 English
1100-1200 on 9610 Chinese
1200-1300 on 7355 English
1300-1400 on 9920 Chinese
1400-1500 on 7355 Chinese
1500-1600 on 9920 English
1600-1700 on 9655 Russian
1700-1800 on 9655 Russian
(DX Re Mix News, Bulgaria via Dan Ferguson-SC)

ANGOLA *Angolan National Radio* (Gov) Summer Schedule 2013

7217 at 2100-2200 daily English and 2000-2100 daily French. Irregular. N (WRTH Update)

ANTARCTICA 15476, **LRA36**, 1900, weak signal level, mx: Argentine "bailanta". Man with lower modulation than mx, SINPO: 24422. ID by w: "Seguimos en LRA36..." (Hugo Lopez, Santiago, Chile, R-5000, dipolo "V", in Condig list YG, via Nigro, Uruguay, translated and edited) Renewed monitorings for the station were encouraged in this reflector yesterday evening, immediately after a reply via E-mail from the Argentinian Fundación Marambio (related to Antarctic topics by Argentina) was received. The answer was to my query on the status of LRA36 b/csts and its delayed appearance on the air, this year. (Horacio Nigro Geolkiewsky-Uruguay/DXplorer) 15476.012 Radio Nacional LRA 36 from San Gabriel, ATA, noted from 2000 May 9th. LRA 36 is on air, heard on footprint 15476.012 with some Spanish canciones 2000-2054, made a recording at 2023 to 2026. At best on lower side, to exclude BBC London Arabic via Al Seela Oman on 15480. Heard on Perseus net rx at Iceland. Heard on Iceland Perseus network rx, at 2023-2026 May 9. Mostly S=5 signal level, up to peaks S=7-8 strength. But NOTHING heard on Perseus units in NY, Toronto up to Chicago further west. Also nothing heard

around 2015 here on best Perseus receiver units in central Europe. (Wolfgang Bueschel-Germany/DXplorer) According to a further report, Hugo López, in Chile states that... 15476, LRA36 R Nacional Arcángel San Gabriel, it was off the air at 2101. Their last hour of bc/st was with Argentinean folk mx only... Female anncr IDed the b/cst as being in // with FM 96.0. For moments it was received with acceptable sigs (3/4). He first spotted the station at 1849, May 9. (Hugo López C., Santiago de Chile, Chile, in Lista Condig YG via Horacio Nigro, Uruguay, translated and reformatted, May 9/DXplorer) 15476.0, LRA 36, Radio Nacional Arcángel San Gabriel, Base Esperanza (presumed), 1945-2005, 10-05, very weak, best on LSB, at moments noted a female with talks, probably in Spanish and songs, and at moments only the carrier on 15476.0, interference from other stations on 15475. 13221. (Méndez-Spain/EDXP) 15476.01, LRA36, R Nacional Arcángel San Gabriel, Base Esperanza, is now broadcasting again Mo-Fr at *1800-2100* as in year 2009. Heard in Chile at *1802v-2101v*, May 09, 10 and 13, but not Sa-Su May 11 and 12. Argentine "Bailanta" music, modulation of announcer was lower than the music, 1907 female ID: "Seguimos en LRA36 ...", at 2004 the female announcer said the programme was heard // 96.0 MHz, at 2010 she said Goodbye, followed by non-stop Argentine folk music until close down; weak signal level: 24422, but improving to 45434. But on May 13 was a choppy transmission and from 1930 came not broadcast. That is, there are problems with the transmitter. On May 14, when I checked at 1940, there was no LRA36 signal. Unfortunately their Facebook is not updated, which could keep international listeners informed. On 15480 the BBC in Arabic was heard with 35443. (Lopez-Chile/DX Window) LRA36 has the telephone number: 0810 222 0770 Annex 216. Their Facebook is <https://www.facebook.com/junto.avos.756>, where you also can see a photo of five persons in the LRA36 studio of which the three ladies from left are: Ms. Gloria Boni, Analia Soledad Correa and Gabriela Bruzzo. Their programme, which was first aired Mar 25, 2013, is called: "Junto a Vos", which in Castilian would be "Junto a Ti" (Next to You). "Vos" is a very Argentine word. (Lopez-Chile and Nigro/DX Window)

Radio Nacional Arcangelo San Gabriel (Gov), Revised Complete Schedule, E: lra36@infovia.com.ar.

15476 from 1800-2100 Monday-Friday. Irregular. (WRTH Update)

ARGENTINA I have the great pleasure to inform you that our **RAE-Radiodifusión Argentina al Exterior** to begin broadcasting in Chinese from May 13. Transmission schedule is as follows: 1000 to 1100 on 6060 and 15345 (live broadcast) 0400 to 0500 on 11710 (recorded program). Information provided by Luis María Barassi, station director. (Arnaldo Slåen, Argentina)

AUSTRALIA Dedication of New Shortwave Radio Site in Australia Fulfills 24-Year Vision, May 3, 2013 - by Harold Goerzen. David Maindonald seemed incredulous as he reflected on his 24-year vision to air the gospel via shortwave radio from Australia to the Asia Pacific Region. "Yes, the story of **HCJB Global-Australia** is truly a story of what God has done," he told a crowd at the dedication of the ministry's new international broadcast site in Kununurra, adjacent to the original site that had been used to broadcast since 2003. "The curtain antenna came from Croatia. It was brand new but it was intended by the communists to send propaganda all across the former Soviet Union. The towers were bought from the Australian Army for 5 cents on the dollar. Those are scrap metal prices! The transmitters are the refurbished transmitters from Radio Station HCJB in Ecuador, now being repurposed to reach this part of the world." Also attending the ceremony were HCJB Global Asia Pacific Executive Director Ty Stakes, Australian Member of Parliament Barry Haase and Meg Shedley, who turns 90 this year. Back in 1997 when the Australian government still wasn't issuing international broadcast licenses, she and her husband, Don, donated a 200-acre farm in Kununurra in faith that it could serve as an international shortwave site. More at: <http://tinyurl.com/cr6a75s>. (Alokesh Gupta-India/ARDXC)

ABC may pull plug on China broadcast by Daniel Flitton, Senior Correspondent: The ABC could soon abandon international shortwave radio broadcasts to China and Indonesia, ending more than 70 years of beaming news and current affairs on high frequency into Asia. But the public broadcaster's management insist it will not flick the switch on shortwave services of Radio Australia to Papua

New Guinea and tiny Pacific nations for now. ABC international chief Lynley Marshall said the older shortwave technology was still relevant in the Pacific, despite a drive to make mobile and internet devices the "primary" way of delivering news. Radio is the cheapest and most widespread source of news in poorer Pacific provinces. But with a contract to broadcast shortwave from a 240-hectare site near Shepparton - costing the ABC about \$4.1 million this financial year - set to expire some time after 2014, fears had grown shortwave would cease in favour of streaming audio online and deals to broadcast on local stations. But Ms Marshall said there was no end in sight to shortwave broadcasts in the Pacific, and the Shepparton array was part of this strategy. A confidential ABC research report for the Radio Australia audience in rural PNG shows at least 30 per cent of people rely exclusively on shortwave transmissions to listen to the station. (The Sydney Morning Herald via Craig Seager-Australia/ARDXC)

New updated frequency schedule of **HCJB Australia**:

-frequency change from May 1:
0730-0830 NF 15490 English, ex 11750

-frequency changes from May 5:
1000-1030 NF 15490 Chinese Sat/Sun, ex 15400
1000-1030 NF 15490 Fijian Mon-Fri, ex 15400
1030-1100 NF 15490 Chinese, ex 15400
1100-1115 NF 15490 English Mon/Wed/Thu, ex 15400
1100-1115 NF 15490 Vietnamese Tue/Fri, ex 15400
1100-1130 NF 15490 Japanese Sat/Sun, ex 15400
1130-1145 NF 15490 English Sat-Tue/Thu, ex 15340
1130-1145 NF 15490 Chinese Wed/Fri, ex 15340
1145-1200 NF 15490 Indonesian, ex 15340
1200-1230 NF 15490 Malayalam Sun, ex 15340
1200-1230 NF 15490 Indonesian Mon-Sat, ex 15340
1230-1300 NF 15490 Mayanmar Rawang, ex 15340
1230-1245 NF 15340 English Sun-Fri, ex 15400
1230-1245 NF 15340 Nepali Sat, ex 15400
1245-1300 NF 15340 Hindi Sun/Thu/Fri, ex 15400
1245-1300 NF 15340 Nepali Sat, ex 15400
1245-1300 NF 15340 Bengali Mon, ex 15400
1245-1300 NF 15340 Marwari Tue, ex 15400
1245-1300 NF 15340 Kuruk Wed, ex 15400
1300-1315 NF 15340 Punjabi Sun, ex 15400
1300-1315 NF 15340 Nepali Mon-Thu, ex 15400
1300-1315 NF 15340 Dzongkha Fri, ex 15400
1300-1315 NF 15340 Oriya Sat, ex 15400
1315-1330 NF 15340 Bhojpuri Sun, ex 15400
1315-1330 NF 15340 Tamil Mon/Tue, ex 15400

1315-1330 NF 15340 Marathi Wed, ex 15400
1315-1330 NF 15340 Malayalam Thu, ex 15400
1315-1330 NF 15340 Hmar Fri, ex 15400
1315-1330 NF 15340 Urdu Sat, ex 15400
1330-1400 NF 15340 Hindi, ex 15400
1400-1430 NF 15340 Urdu, ex 15400
1430-1445 NF 15340 Chattisgarhi Sat/Sun, ex 15400
1430-1445 NF 15340 Bengali Mon, ex 15400
1430-1445 NF 15340 Marwari Tue, ex 15400
1430-1445 NF 15340 Kuruk Wed, ex 15400
1430-1445 NF 15340 Telugu Thu, ex 15400
1430-1445 NF 15340 Gujarati Fri, ex 15400
1445-1500 NF 15340 Urdu Sat, ex 15400
1445-1500 NF 15340 Punjabi Sun, ex 15400
1445-1500 NF 15340 Hindi Mon-Fri, ex 15400
1500-1530 NF 15340 English, ex 15400
(DX Re Mix News, Bulgaria via Dan Ferguson-SC)

AUSTRIA Radio Ö1 International (Pub) Summer Schedule 2013

6155 from 0500-0615 daily German
(WRTH Update)

BELARUS Received a confirmation letter by e-mail from **First National Channel of Belarusian Radio** for the reception 08.04.2013, 1610-1640 at a frequency of 6080. Confirmed by Chief of the First National Channel of Belarusian Radio A.B.Vasyukevich. The report sent the e-mail: radio1@tvr.by. (Dmitry Kutuzov, Ryazan, Russia/"deneb-radio-dx")

Belarussian Radio 1, including relay Radio Stalitz, Radio Grodno and etc.

0400-0700 on 11930 Belarussian, not 0500-0800
1500-1700 on 7255 Belarussian, not 1600-1800
1500-2100 on 6080 Belarussian, not 1600-2200
(DX Re Mix News, Bulgaria via Dan Ferguson-SC)

Radio Belarus - A13 Summer Schedule effective: 31 March - 27 October 2013

1100-1400 11730 Belarussian
1400-1600 11730 Russian
1600-1800 11730 Polish
1705-1800 7255 Polish
1800-1940 7255 German
1800-1940 11730 German
1940-2000 7255 German Tue/Wed/Fri
1940-2000 11730 German Tue/Wed/Fri
1940-2000 7255 French Sat-Mon/Thu
1940-2000 11730 French Sat-Mon/Thu
2000-2020 7255 Spanish Sat-Mon

2000-2020 11730 Spanish Sat-Mon
2000-2020 7255 English Tue-Fri
2000-2020 11730 English Tue-Fri
2020-2200 7255 English
2020-2200 11730 English
2200-2300 7255 Russian
(Balkan DX/29 Apr 2013/Shortwave Central blog/PlayDX)

BONAIRE History: Re: **RNW** via **TWR** Bonaire SW site. Trans World Radio inaugurated a 500 kW Continental medium wave transmitter on 15 May 1964. On 13 August of that year they inaugurated SW transmissions using two Continental transmitters, one with 50 kW and the other with 260 kW (not 250). There was an agreement to relay some Radio Nederland transmissions on the 260 kW SW and 500 kW MW transmitters, using 800, 9590 and 15220 kHz until the RNW station was inaugurated on 4 March 1968. (Colin Miller-CAN VE3CMT, SW TXsite Apr 20/TopNews)

BOSNIA 6100, **IRS Serbian Radio International** Belgrade via Bijeljina-Bosnia site is back on air since May 10th. Scheduled 6100 to Europe at 18-22, and towards North America, CAN + USA on 9685 at 0000-0130. (Alan Roe, Teddington-UK, BrDXC-UK/TopNews)

BRAZIL 4775, **Rádio Difusora de Congonhas** (reactivated) with the following contact information: E-mail contact: secretaria@radiocongonghas.com.br. Postal mail: Fundação Radiodifusora de Congonhas, Rádio Congonhas, Praça da Basílica, 130, Congonhas, Caixa Postal 05, Congonhas/MG, Cep: 36.415-000, Brazil. May 12. (Cássio Santos - Goiânia-Goiás-Brazil/PlayDX)

4865, **ZYF203 Radio Verdes Florestas**, Cruzeiro do Sul AC, 5 kW. Another *difficult* find. MW & SW site of Radio Verdes Florestas *I tentatively* suspect for Cruzeiro do Sul. Site is supposed to be about 4 km out on the airport Rd. I think this site might fit. 07 37 09. 42 S 72 41 53.86 W. Some of the Google map overlays in the western remote areas of Brazil for GE are so inaccurate/displaced that finding txer sites via an address becomes so difficult. Rather testing on one's patience too. (Ian Baxter-AUS, SW TXsite May 2/TopNews) 4865.03, R Verdes Florestas, Cruzeiro do Sul, AC, 0059-0101, May 11, nice music after ID, decent signal. Seems to have irregular sign off, not noted at this time on May 12. (Nilsson-Sweden/DX Window)

4905, **Nova R Relogio**, Rio de Janeiro, RJ, 0324, May 02, male announcer in Portuguese, shouting, time pips, female caller, 25333. (Bell-South Africa/DX Window)

4915, **Radio Daqui**, Goiania, 0520-0543, 12-05, male, Português, religious talks, identification: "A Radio Daqui". Interference from Radiodifusora Macapá, with Brazilian songs on the same frequency. 23222. (Méndez-Spain/EDXP)

5965, **R Transmundial**, Santa Maria, RS, 0300, Apr 15, full ID in Portuguese, 23432. Now also broadcasting at night after a time. I found these new broadcast schedules on the website of R Transmundial: 5965 at 0300-1000 UTC; 9530 at 1000-2100 and 11735 as usual at 1000- 2000. (Cássio-Brazil/DX Window)

5970, **R Itatiaia**, Belo Horizonte, MG, 2330, Apr 26, male speakers chatting in Portuguese, singing in studio, laughs, adv jingle, ID, 34443. (Bell-South Africa/DX Window)

6080, **R. Marumby** - Curitiba. I have been monitoring this freq for weeks, checking out the long path VOA Sao Tome between 06-0700. Today, I heard another carrier on underneath and waited till 0702 when VOA finally switched off their txer. This left R. Marumby, which got progressively stronger from around 0715. First noted news, mainly Brazilian and local items, then a rising three note station jingle as "MA-RUM-BY" and TC at 0715 for "quatro horas quinze minutos". Then followed more talk of a topical nature. Pleased to hear this one, although signal was poor to fair and with moderate rapid fading. May 18. (Rob Wagner-Australia/EDXP)

6180, **Radio Nacional da Amazonia**, Brasilia, 0455-0510, 12-05, male, Portuguese, comments, identification: "Esta e a Radio Nacional, Brasilia". Parallel with 11780. 34433. (Méndez-Spain/EDXP)

BULGARIA Summer A-13 schedule of transmissions via Kostinbrod from Apr.22:

1300-1330 on 12095 Russian **Polish Radio**
1330-1400 on 12095 Belorussian **Polish Radio**
1530-1630 on 6060 Polish **Polish Radio**
1600-1700 on 11610 Arabic Mon-Fri **Radio Shorouq**
1630-1730 on 6060 Belorussian **Polish Radio**
1700-1730 on 11560 Oromo **Dimtse Radio Erena**
1730-1800 on 6060 Russian **Polish Radio**

1830-1915 on 9635 English Sun **Bible Voice Broadcasting**
(DX Re Mix News, Bulgaria via Dan Ferguson-SC)

CHAD 6164.960, **Radio Diffusion Nationale Tschadienne** from N'Djamena with fair signal across Sahel zone into Europe, at 2120 April 29. Very nice west African music program. At same time tiny modulated RTMalienne radio program from Bamako Mali on 5995. (wb, wwdxc BC-DX TopNews April 29)

CHINA Voice of Pujiang will terminate shortwave service this year: "Dear radio friends of Voice of Pujiang, As early as last year, the director of China Business News Radio, of which Voice of Pujiang is a part, was considering terminate all the shortwave service to save money and put more fund to develop new media, especially social media. This year we also see that we have developed Smartphone application for both android and iphone. Now, I am authorized to announce that Voice of Pujiang will terminate all the shortwave service this year. This decision was promoting by our director and approved by Shanghai Media Group and several upper authorities. For the exact date, we don't even know, because it needs a complicated bureaucratic procedure to have the decision to reach into the telecom company's hand and implement by the transmitting site. The Zhenru transmitting site is a very historic one, built in the year of 1930, while the three transmitters were relocated and reorganized here in 1980s. In my opinion, it will end as early as in this May and as late as before the beginning of B13 time. As a DXer myself, actually, I very much favor with this decision. I deeply know that there is a much shrinking and very limited audience on the shortwave. But I am still very much sad to see Voice of Pujiang joining with other stations to say goodbye to shortwave. This is the tide of our era, we can not resist it. Still, I am very much pleased to verify reception reports before the closure of shortwave service, issuing QSL letters both regular and electronic. The schedule is: 11.30 - 16.00 UTC on 3.280 kHz, 4.950 kHz and 5.075 kHz. Some monitors say the 5.075 will change to 9.705 in early May. Again, I don't even know because we have no contact with transmitting site. It is totally their decision to change or not. For regular reception reports, an IRC is needed to cover the international postage and the address is as follow: Mr. Qian Xiaoyan, Voice of Pujiang, Floor 11, Radio Building, No.1376 Hongqiao Road, Changning District, Shanghai 200051, P.R. China. At last, many

thanks for your yearly support. For most BCLers and DXers, I have to say goodbye to you, because I think you will less likely to listen to our programs on Smartphone's. Best wishes! Victor Qian." (Ross Comeau-MA/DXplorer & Istvan Hegedus/PlayDX)

Voice of Pujiang has closed all its shortwave service: Dear Friends of Voice of Pujiang, As many monitors noted, Voice of Pujiang has already closed all its shortwave service since 2 May, 2013. That means, 1 May is the last day of Voice of Pujiang on the shortwave bands. In recent years, Voice of Pujiang has already transformed into a local station rather only focuses on Taiwanese audience. We still broadcast 18 hours daily on AM 1422 kHz. So, Medium wave DXers are still welcomed to submit their reception reports. Best wishes! (Victor Qian-CHN <victor.pujiang@gmail.com> China Business News Radio/Voice of Pujiang, Shanghai, China via Kai Ludwig-D, wwdxc BC-DX TopNews May 6) Dear Mr. Tony Ashar, Please find the E-QSL letter in the attachment. This maybe one of last QSL letters we have issued. We have just terminated all our shortwave service since May 02, 2013. Best wishes! Qian Xiaoyan. (Ashar-Indonesia/DX Window)

9800/12000, **Lushan Emergency R**, Sichuan: "Yes it is the first Chinese Emergency Radio, opened on Apr 22, 2013, just after the Lushan Earthquake on Apr 20. The full ID of the station is "National emergency broadcast-Lushan earthquake relief emergency radio", the station is setting by co-operation of CNR, R Sichuan, R Ya'an, R and TV station of Lushan. The frequencies are SW 9800 kHz and 12000 kHz, believed transmitted from Shijiazhuang with 100 kW towards southwest, and also use two FM frequencies: 92.7 MHz in Lushan County, and 98.8 MHz in Baoxing County. Full station ID and some programme recording: <http://www.tudou.com/programs/view/FjoSEmzmx-I/>. The station also relay CNR programmes. Official webpage of emergency radio is: <http://www.cnr.cn/2013zt/yadz/yjgb/>, you can listen on-line, and find many many more pics everyday." (Qian Xiaoyan via Howard-CA, May 02/DX Window)

17520 **CNR-1 National Emergency** broadcast. New frequency 17520 for CNR-1 National Emergency broadcast in Chinese. First noted on May 13 and 14 1200-1500, strong co-ch Radio Pakistan in Urdu from 1330 // freqs 9800, 12000. On May 15 1200-1330 and s/off. Today May 15 no broadcast of Radio Pakistan 1330-1530 on 17520 & 15235. (Ivo Ivanov-BUL, via wwdxc BC-DX TopNews May 15)

Voice of Guangxi Beibu Wan, Beibu Bay Radio (Gov) Summer Schedule 2013

1000-1100 daily SEA 5050, 9820 Cantonese
2300-0200ss SEA 5050, 9820 Chinese
1100-1130 mtwtf.. SEA 5050, 9820 Thai
1100-1130ss SEA 5050, 9820 Vietnamese
1130-1600 daily SEA 5050, 9820 Vietnamese
2300-0100 mtwtf.. SEA 5050, 9820 Vietnamese (WRTH Update)

CLANDESTINE Radio VOP closed? Dutch-based Zimbabwe opposition station Radio VOP has not been heard when checked at its scheduled time (1800-1900 on 9435) during April. As of 27 April the Radio VOP news feed at www.radiovop.com, also their twitter feed, had not been updated since 21 February. Maybe SW went off around the same time? A report in the Zimbabwe Herald dated 26 February stated that "Netherlands-based pirate radio station Voice of the People is in turmoil with its employees going for six months without salaries. Documents in The Herald's possession point to the imminent collapse of the radio station." (Dave Kenny-UK/BDXC)

Schedule of **Radio Free Sarawak** on May 6:

1100-1300 on 15460 PAO 100 kW / 200 deg to SEAs Iban. No signal on 15430/15500 (DX Re Mix News, Bulgaria via Dan Ferguson-SC)

HFCC data shows a Babcock entry 1100-1300 in Iban on 15430 via Dhabayya to Ciraf zones 51W & 54. Checking a Perseus receiver in Australia I hear 15430 parallel to 17840 on my receiver here on the Carolina coast. (Dan Ferguson-SC/DXplorer) Present footprints today (May 1) are 15430.000, suffers by minus 60 Hertz whistle tone in Tokoy though, but latter not heard in Europe, and 17840.006. On various remote units near Tokyo Japan the 15430 signal is poor S=4-5, but little stronger on 17840. Both heard stronger in Europe than in Japan. (73 wb df5sx-Germany/DXplorer) Dan Ferguson's reported monitoring using a remote receiver in Australia. Radio Free Sarawak with parallel signals in Iban on 15430 and 17840 noted here between 1220 and 1240. Ear splitting het accompanying the S9 signal on 15430 as I had also noted earlier this week. Beautiful S9+ signal in the clear on 17840. I should also note that from time to time QRM (jamming??) was significant on the 15430 signal. I will watch this as Malaysian elections approach and attempt to ascertain if it is indeed an attempt

at jamming. I cannot confirm the transmitter site for either signal but Dan's observations regarding Dhabbaya for 15430 are rational. If I were forced to guess, I would say the signal on 17840 was coming from either Palau or Taiwan. Real armchair reception here. (T.C. (Ted) Patterson, KDØJJ0/DU7-Philippines/EDXP)

Radio Free Sarawak is taking a rest break after last week's Malaysian elections. Transmissions were suspended from May 7, until further notice. Radio Free Malaysia is also reported to have closed down. I expect to see both these stations operating again in the future. The public face of RFS is Clare Rewcastle Brown. In a recent email, she said: "We are just taking a pre-planned rest like we did after the (2011) Sarawak election. We are such a small team and have worked non-stop for a year to provide people with information and support up to the election and now we are taking a month to re-charge our batteries." She went on to say that the team would "re-group soon". An interesting article in The Star Online news outlet tells the story, and mentions RFS receiving the Free Media Pioneer Award during World Press Freedom Day on May 3. RFS began broadcasting in November 2010. Brown said: "We were not expecting the award, which was a huge boost, but my staff are only human and they were promised a holiday and they are getting it! We will be back, I am sure, bigger and better." Some feedback from listeners at the station's website included these comments: Clare, Michael, Christina, K Burung Tiong, Papa Orang Utan, you are big celebrities in the Sarawak. Please, please don't shut down RFS for good. I witnessed long-house folks looking forward to gathering around their little radios each day. You are much loved. RFS gave people the platform to voice what they have been feeling all these times, and it liberates and empowers them. The state election will be here before you know it. Please tell your listeners how they can help you continue RFS. (Linda) This is awful news - free radio stations are essential to democracy. I hope it will not be too long till you are back on the air. If anything, I hope that there will be free radio stations for all parts of Malaysia one day! (lovemalaysia2) Perjuangan belum selesai, thank you RFS you all did an extraordinary sacrifices. So long we meet again. WE SALUTE YE !!!!! (Anak Melikin) The website also stated: "While most PR supporters are still reeling from the results of the GE13 amidst widespread rigging that are essentially acts of treason, activists and ordinary people alike are not giving up on booting out the

BN government. They have set their sights on the 11th state election that will have to be conducted latest by early 2016." One radio but lots of listeners! Longhouses are perfect for communal listening. The Star Online also reported: The radio's broadcast was a major part of Pakatan's campaign in the lead-up to the 13th general election. Sarawak PKR vice-chairman See Chee How yesterday said he fully expected RFS to return "after a long break". "We are very sure they will return," See said. See, a native land rights lawyer who won the Batu Lintang state seat in 2011, said RFS was the most effective means of communicating with rural voters. He said PKR has for the last two years distributed close to 50,000 free receiver sets in the rural areas to encourage more people to listen to the station. "The station was one of the most effective ways for us to communicate. It allowed listeners an opportunity to listen to alternative news. It also helps rural listeners to feel connected to other villagers and towns," See said. There is an excellent article on RFS's International Media Award in the Malaysia Chronicle, published on Friday May 3. It includes some insights into how the station operated and the impact it had on its targeted audience. (Rob Wagner, VK3BVW-Australia/EDXP)

4925, **MND R**, Jong An, South Korea, Scheduled 0500-0550 and 1000-1050 in Korean to North Korea // 6550. (Ivanov-Bulgaria, Apr 22/DX Window)

5150, **MND Radio**, via Jong An (100 kW / non-dir.) 0400-0455 and 1200-1255 in Korean to North Korea. (Ivanov-Bulgaria, Apr 22/DX Window)

5290, **MND Radio**, via Jong An (100 kW / non-dir.) 0700-0735 in Korean to North Korea. (Ivanov-Bulgaria, Apr 22/DX Window)

6270, **MND Radio**, via Jong An (100 kW / non-dir.) 0600-0635 and 1100-1150 in Korean to North Korea. (Ivanov-Bulgaria, Apr 22/DX Window)

6360, **MND Radio**, via Chuncheon (100 kW / non-dir.) 0400-0455 and 1200-1255 in Korean to North Korea. (Ivanov-Bulgaria, Apr 22/DX Window)

6480, **MND Radio**, via Chuncheon (100 kW / non-dir.) 0600-0635 and 1100-1150 in Korean to North Korea. (Ivanov-Bulgaria, Apr 22/DX Window)

6550, **MND Radio**, via Chuncheon (100 kW / non-dir.) 0500-0550 and 1000-1050 in Korean to North Korea. (Ivanov-Bulgaria, Apr 22/DX Window)

9490, **R. Republica** - Issoudun. Used to be transmitted from Montsinery but now that's closed down they are using Issoudun for this service. Excited Spanish programming, rallying the Cuban people and occasional music, first noted at 0120 and monitored right through to s/off 0200. Full ID and freq annc't at 0155 and again at 0159 as "Aqui Radio Republica, la voz del Derectorio Democratico Cubano...." along with some rooster crowing and music. Fair to poor signal throughout but with no jamming heard here on May 16. (Rob Wagner-Australia/EDXP)

11610, **R Shorouq** (R Sunrise), via Sofia (050 kW / 195 degrees) Mo-Fr 1600-1700 in Arabic to East Africa. (Ivanov-Bulgaria, Apr 22/DX Window) 11610 MY most awaited catch: 11610 Sharooqa program finally heard!!! 1610 YL with stringed instrument S=6-7 IDed by OM and echoed (not clear with many talks in AR) Program seems religious (?? Catholic?) as 'al kitab' was mentioned several times. then HOA songs were aired. Therefore I can suppose that the program is aimed towards Somalia (??). Question: I read that Sharooqa means sunrise. Is this station related to Radio Sunrise of UK? AFAIK in older times was a possibly successful Indian song station. 11610, Via Grigoriopol Maiac site to eri?? Muslim world? What means 'eri' ? Eritrea ? has something to do with "University of Al-Aqsa"? <https://twitter.com/shorouqpress1>. WRN brokered FMO. HFCC request by WRN - World Radio Network London UK. 11610, 1600-1700 to zone 48 KCH 100kW 160deg ant216 daily eri MDA WRN (wb, wwdxc BC-DX TopNews May 2) Yes Wolfy this one is targeting Eritrea. No connection with Al Aqsa University. Check this link out http://www.hafash.org/index.php?option=com_content&view=article&id=2526&Itemid=664. It's the same Organization for Radio Erena, and Radio Assenna. Mainly an opposition group against the current regime in Asmara, Eritrea. In the main page which is in Arabic and English you can see under Audio/Video link a list of their media activities and the three Radios mentioned. (Tarek Zeidan-EGY SU1TZ, wwdxc BC-DX TopNews May 2) 11610, R Shorouq (R Sunrise), via Sofia, 1610, May 01, female with stringed instrument, ID, talks in Arabic seemed religious, songs from Horn of Africa, S 6-7. (Liangas-Greece/DX Window)

11860, **Voice of Wilderness** - Trincomalee. S/on 1300 with what sounded like some horn/bugle instrument, then an ID in Korean. At 1303, a Korean version of Amazing Grace - which was interesting! Then onto religious talks with background music.

Fairly good signal but degraded slightly by co-channel Cuba. May 15. (Rob Wagner-Australia/EDXP)

12105, **R Dialogue FM**, via Talata-Volonondry, 1616, May 01, ID and mentioning on election time, Hilife songs in English, S10, QRMed by 12110 of S20 signal. (Liangas-Greece/DX Window)

15400, **R Free Kenyalang**, via Medorm, Palau (100 kW / 270 degrees) 0900-1000 in Iban to South East Asia, ex 15360. (Ivanov-Bulgaria, Apr 22/DX Window)

17630, **R Xoriyo**, via Issoudun (500 kW / 130 degrees) Tu/Sa 1600-1630 in Somali to East Africa. Transmissions are jammed by Ethiopia with broadband DRM-like white noise. (Ivanov-Bulgaria, Apr 22/DX Window)

17650, **Voice of Wilderness** (BVB), via Nauen, Germany (250 kW / 048 degrees) 1300-1330(-1400 Su) in Korean to North Korea. (Ivanov-Bulgaria, Apr 22/DX Window)

17870, **R Xoriyo**, via Kostinbrod, Bulgaria (050 kW / 195 degrees) Mo/Fr 1600-1630 in Somali to East Africa. Jammed like 17630. (Ivanov-Bulgaria, Apr 22/DX Window)

COLOMBIA 14960, 2126, **Salem Stereo**, Colombia. OM with slow rel SS talks, signal drifting above & below band noise 232 13/04. (Michael L. Ford-UK/BDXC) First report I have seen this year for this station - RAD.

CYPRUS *Cyprus Broadcasting Corporation* (CYBC) relays on SW have ceased. (WRTH Update)

ECUADOR 6050.00, **HCJB**, Pichincha, 0458-0503*, May 06, instrumental music, ann, 0500 time signal, ID, then national anthem, 35433. (Wiespointner-Austria/DX Window) 6050.00, R. HCJB, Quito, at 1020-1040 on May 9. Rlg mx for rlg pgm in Quechua, TC in SS: "... 5 de la mañana con 24 minutos en Quito Ecuador". ID "Quito, Ecuador banda radio HCBJ"... in Quechua and SS. 44444. (Pedro F. Arrunátegui-Perú/CHASQUI DX)

ENGLAND Changes of **BBC** from May 5:

0300-0400 on 11820 WOF Arabic, additional frequency 0600-0700 on 9410 WOF English new tx site, ex ASC 2000-2100 NF 12095 WOF English, ex 9915 (DX Re Mix News, Bulgaria)

ERITREA 9705, *Voice of the Broad Masses of Eritrea 2*, Asmara, *0256 and 1730-1800*, May 01, vernaculars and Arabic, IS from 0256 only here and on 7205 (later with Voice of the Broad Masses of Eritrea 1) and IDs in 4 languages, incl. Arabic, at 1730 also in Arabic till 1800 with National Anthem and close down on 9705, 23542. 7205 heard with 34543 until 1800, then covered by CRI in Russian. (Pankov-Bulgaria/DX Window) 9705 is a new frequency! (Ed/DX Window)

ETHIOPIA 6090, *Voice of Amhara State*, Addis Ababa, *0258 and 1900*, May 01, vernacular, from 0258 interference with Anguilla's UN, from 0425 plus Nigeria and till 1900 from Nigeria and ?CRI?, 42542 at 0258 and 32552 at 1855. (Pankov-Bulgaria/DX Window)

GERMANY 6070, *R 6150*, Rohrbach, 1250, Apr 21, musical programme, 23333. (Giroletti-Italy/DX Window). Testing with 750 watts. (Ed/DX Window)

3995, *LifeFM* Cork, via Weenermoor, full data QSL letter via email attachment in four days for English airmail report with US \$4 return postage. Very surprised my airmail got there to Cork, Ireland that quickly! V/s Brian Daly, Manager. (Albert Muick-PA-USA, hcdx May 11)

Frequency change of **HCJB** via Weenermoor:

0000-2400 NF 7365 WNM 1.5 kW from May 01 (DX Re Mix News, Bulgaria)

GUATEMALA 4055.1, *R. Verdad* - San Esteban. Just caught the end of an English annct at 1120 giving the last part of an address in Guatemala. Then slow organ music (played with too much vibrato on it!) and some Spanish anncts. A hymn at 1130 and some Spanish preaching at 1135 with music continuing in the background. Very hard work due to a weak signal and plasma TV noise 50 Hz up but it improved in strength around 1135, then faded out by 1150. I've been watching and checking this frequency for about four months now, without success, waiting for a trace of audio. Finally got it!! Very pleasing and hoping it improves as winter arrives. I don't bother sending reception reports these days as I don't chase QSL cards any more, but it would be nice hear it strong enough to make a recording of it for posterity! May even send an email to let them know they've been heard. Apr 30. (Rob Wagner-Australia/EDXP)

INDIA 9870, *AIR* Bengaluru is interested in reception reports at various timings of their Vividh Bharati Service which uses 500 kW transmitter for coming few days. The schedule is: 0025-0435 0900-1200 1245-1740. Reports may be addressed to Mr. T. Rajendiran, Suptg. Engineer, AIR, Super Power Transmitter Bengaluru. E-mail IDs: rajendiran45@yahoo.com and sptairykn@rediffmail.com. Watch out on this channel from next week for tests in DRM mode of their new 500 kW transmitter for this service! (Gupta and Jacob-India/DX Window)

INDONESIA 3344.87, *RRI Ternate*, 1137-1429*, May 13, seemed to be a special broadcast, did not carry the Jakarta news relay at 1200, the format was not their normal programming, long segment of man and woman chatting in Bahasa Indonesia, reciting from the Qur'an, long series of speeches, started out very poor and faded up to almost fair and then faded down again. Their last broadcast was in June 2012. Will they broadcast again tomorrow? (Hasegawa-Japan/DX Window)

IRAN Some changes of *VOIRI/IRIB* from May 5:

0730-0827 on 11810 SIR Pashto, new transmission
0730-0827 on 13730 SIR Pashto, new transmission
1430-1527 on 5890 SIR Pashto, cancelled
1530-1627 on 6060 SIR Urdu, ex 1530-1727
(DX Re Mix News, Bulgaria)

ISRAEL Summer A-13 SW schedule of *Kol Israel* from April 28:

1400-1500 NF 13850v Persian Fri/Sat, ex 11595
1400-1500 NF 15760 Persian Fri/Sat, ex 9985
1400-1530 NF 13850v Persian Sun-Thu, ex 11595
1400-1530 NF 15760 Persian Sun-Thu, ex 9985
(DX Re Mix News, Bulgaria)

15850.01, *Galei Tzahal*, Tel Aviv, 2147-2203, May 06, ID, jingle, news in Hebrew (the standpoint to Syria), today's reception was easy, 35333. (Wagai-Japan/DX Window)

KUWAIT *Radio Kuwait* in Arabic was observed May 1 strange frequency:

2000-2400 NF 7250 General Sce, instead of 17550. Powerful signal over Vatican Radio in Arabic 2040-2100 and 2200-2400 CRI Spanish. (Ivo Ivanov-BUL, via wwdxc BC-DX TopNews May 2)

MEXICO 6010, *R Mil*, Cd. de México. According to Julián Santiago, Apr 27, the transmitter has a breakdown which the engineer is repairing, and we hope it will be back on air shortly. (Hauser-OK/DX Window)

MOLDOVA *Radio PMR*, Pridnestrovye, is now heard at 2300-2400 Sunday to Thursday on 9665: The schedule is usually 2300-2315 English, 2315-2330v French, 2330v-2345v German, 2345v-2400 music. On Sunday 21 April the 2345-2359 slot was in English but on other days when I have checked it has been music introduced in German. (Dave Kenny-UL/BDXC)

Summer A-13 of *Radio PMR* Pridnestrovye Monday-Friday from April 1:

2300-2315 on 9665 English
2315-2330 on 9665 German
2330-2345 on 9665 French
2345-2400 on 9665 Music
(DX Re Mix News, Bulgaria via Dan Ferguson-SC)

MONGOLIA Summer A-13 for *Voice of Mongolia*:

0900-0930 on 12085 English
0930-1000 on 12085 Mongolian
1000-1030 on 12085 Chinese
1030-1100 on 12085 Japanese
1400-1430 on 12015 Mongolian
1430-1500 on 12015 Chinese
1500-1530 on 12015 Japanese
1530-1600 on 12015 English
(DX Re Mix News, Bulgaria)

MYANMAR At 1055-1105 Apr 28 heard undoubtedly *Myanmar Radio* phone in program - today on different new unit on EVEN 9730.000 - by female announcer in 'singing' Burmese tonality, to male in-caller. Poor signal on remote SDR unit at Brisbane AUS. (wb, wwdxc BC-DX TopNews Apr 28)

9730.00, *Myanmar R*, via Nay Pyi Taw (?), 1055-1105, Apr 28, phone in program - today on different new unit on even frequency - by female announcer in "singing" Burmese tonality, to male in-caller. Poor signal on remote SDR unit at Brisbane, Australia, before CRI starts at *1200. (Bueschel-Germany/DX Window) 9730.83, Myanmar Radio - Yangon. Tuned in 1029 to hear that lovely soft and lilting Burmese language with alternating M/F announcers with a news program or similar. From 1040, many different speakers on air. Quasi-pop songs Burmese style from 1050. Poor to fair signal, only made possible

by the clear channel. You have to hear it before 1200 because it gets wiped out by CRI after that! I can't hear anything on 7200. Is this freq still functioning? May 21. (Rob Wagner-Australia/EDXP)

NIGERIA Summer A-13 SW schedule of *Voice of Nigeria*:

0500-0700 on 15120 IKO English
0700-0800 on 15120 IKO French
0800-0900 on 15120 IKO English
0800-0900 on 9690 AJA Hausa
0900-1500 on 9690 AJA English
1500-1600 on 15120 IKO English
1600-1630 on 11770 AJA Swahili
1630-1700 on 9690 AJA Yoruba
1700-1730 on 9690 AJA Igbo
1730-1800 on 15120 IKO Arabic Sat/Sun
1730-1830 on 15120 IKO Arabic Mon-Fri
1830-2000 on 15120 AJA English Mon-Fri DRM
1800-2000 on 7255 AJA English Sat/Sun
2000-2100 on 7255 AJA French
2100-2200 on 7255 AJA Fulfulde
2200-2300 on 7255 AJA Hausa
(DX Re Mix News, Bulgaria)

NEW ZEALAND Frequency change of *Radio New Zealand International* from May 1:

1059-1259 NF 9700, ex 9655

Frequency change of *Radio New Zealand International* from May 15

1551-1650 NF 5975, ex 7440
1651-1750 NF 5975 in DRM, ex 7285
(DX Re Mix News, Bulgaria via Dan Ferguson-SC)

More changes of *Radio New Zealand International* in English:

0651-0758 on 11725
0651-0758 NF 9890, ex 11675
1651-1750 on 9700
1651-1750 NF 7330, ex 6135
(DX Re Mix News, Bulgaria via Dan Ferguson-SC)

OMAN Summer A-13 of *Radio Sultanate Oman*:

0200-0300 on 13600 Arabic
0300-0400 on 13600 English
1400-1500 on 15560 English
1500-1600 on 15560 Arabic
1600-2200 on 15595 Arabic
(DX Re Mix News, Bulgaria via Dan Ferguson-SC)

PAKISTAN R Pakistan, which has embraced web technology over the past five years, made not one but three new technological leaps on Monday Apr 22. R Pakistan Director-General Murtaza Solangi inaugurated three projects which would allow the country's national radio service to report better from outdoor locations, broadcast its world services via the web, and interactively update the public on the upcoming elections. The projects — a satellite communication system, internet streaming of the radio's International Services and a dedicated elections website — were launched at the National Broadcasting House in Islamabad. The satellite communication system includes an earth station located inside the R Pakistan building and a digital satellite news gathering (DSNG) mobile van, capable of bidirectional communication and editing. Ghulam Mujaddid, technical adviser to the director-general, said the DSNG van will improve R Pakistan's reporting from outlying areas. "Before this, we used to use standard telephony for outdoor communications," Mujaddid said. "Satellite communication will improve the quality of signals received from the field". The DSNG is also capable of sending audio and video feeds from the field directly to a control room in the radio's headquarters, he said. Earlier, the international services, which include broadcasts in 11 world languages and an Urdu World Service, were only available on shortwave radio. Now, thanks to satellite transmission, people in 38 countries from South Asia, the Middle East, Africa and Europe can use receivers to tune in to these services. The services are also available on the internet, where listeners can stream and listen, just like radio stations in the West. Solangi said the satellite communication system would help R Pakistan save Rs7 million of its costs of running generators for shortwave communications and of leasing broadcast media from the Pakistan Television. R Pakistan's dedicated elections website will provide interactive constituency maps, election-related news, code of conducts and elections results among other things, Solangi said. "The elections web portal will serve as a resource for journalists and researchers reporting on and monitoring the elections," he said. During his address, Solangi also listed the achievements of the radio service, digitised old radio archives and established a web presence through its website. "Today, we have listeners of Radio Pakistan, readers who visit our website and even viewers who watch our online video content," Solangi said. "We are not traditional radio anymore, now we are emerging as a

multimedia company." (The Express Tribune, Apr 23, 2013, via Jaisakthivel-India/DX Window)

Frequency change of **Radio Pakistan**:

0045-0215 NF 15490 Urdu, ex 17710 // 11580 (DX Re Mix News, Bulgaria via Dan Ferguson-SC)

15490, **R. Pakistan** - Islamabad. S/on 0046 in the middle of an announcement. Hosted by Darth Vader - deep, gravelly vocal quality - thanks to an appalling modulation. Then we were treated to the Qur'an which was prayed inside a cardboard box (or so it sounded!). While it may be reasonable for our Muslim friends to demonstrate consternation towards those who disrespect their beliefs, surely their national broadcaster could show a little more respect themselves by broadcasting the sacred texts with a clean audio quality! Anyway..... no sign of them operating on 15590, 17710, nor 17895 despite listings for these in HFCC and Aoki. May 16. (Rob Wagner, VK3BVW-Australia/EDXP)

PAPUA NEW GUINEA Long-awaited QSL for a January 2006 reception of the 4960 transmitter of **St. Gabriel Radio** (Catholic Radio Network bcsting from Vanimo) rcvd from Father Paul Kote, the (relatively) new Director of Radio Maria, the current all-FM Catholic radio network in Papua New Guinea. The QSL (attached) was a card I designed that Father Paul signed along with a station stamp, scanned and e-mailed back to me. He mentioned that shortwave may be reinstated from Vanimo but that it was a low priority given funding constraints. He was able to QSL based on a Radio Maria audio technician listening to my recording on www.box.com. This is the same Radio Maria organization that I hrd several yrs ago as the Polish Radio Maryja (Polish for Maria) transmitting from Samara Russia. Just getting a decent recording of this station was a challenge as it never matched other PNG 1 KW stations like Radio Fly and Wantok R. Light in signal quality. If there are any others out there who have recordings of the CRN xmtr on 4960, I believe Father Paul will oblige with a QSL. As far as I can determine, this transmitter went off the air sometime in 2006 after Radio Maria assumed control of the network. (Bruce Churchill-CA/DXplorer) Correction to my last report on CRN in Vanimo PNG - they broadcast at least into early 2008 based on my last recording of them on Jan 22, 2008. (Bruce Churchill-CA/DXplorer)

7324.96, **Wantok R Light**, Port Moresby, 0900-0915, May 04, a selection of flute and violin music, 0903 late newscast "NBC National News", talk on "law and order", higher education programs, medical services and Malaria decreased in Papua New Guinea. Vice President of SLBC Honiara and English presenter died some days ago by asthma attack. "Sunny and fine weather" report at 0914, heard in Brisbane Australia SDR unit fine S=8 signal. (Bueschel-Germany/DX Window)

PERÚ 1499.85 MW, **R Santa Rosa**, Lima, 0401, Apr 29, giving a station ID, mentioning their website, but also giving a frequency "onda corta 555." The last cipher I could not understand. Their website <http://www.radiosantarosa.com.pe/> still gives 6045. I wonder if they are back on SW? (Van Arnhem-Netherlands/DX Window))

4789.9, **R. Visión**, Chiclayo, at 1050-1130 on May 11. pgm by "Iglesia Pentecostal "La Cosecha", ads: "asista a nuestra Iglesia". ID: "Son las 6 de la mañana con 10 minutos, desde Chiclayo, departamento de Lambayeque, trasmite la cadena Radio Visión, frecuencia 1350 y 770 de la Amplitud modulada, traspasando fronteras a través de los 4790 en la banda internacional, enlazados con Radio Moderna en Lima, capital del Perú en los 930 amplitud modulada, escúchenos en tiempo real en www.visionradioperu.com, programa "La Voz de la Salvación". 33333. (Pedro F. Arrunátegui-Perú/CHASQUI DX)

4939.98, **R. San Antonio**, Atalaya, at 0040-0140 on May 13. Rlg pgm, ads, then they play varied & continuous mx w/ rlg themes, interspersed w/ TC, but no IDs. Ads: "Concurso de motocross en Atalaya en nuestro feliz aniversario, municipalidad de Atalaya". Pgm name is "Iglesia Peregrina". NOTE: Sigs improves after some time. I confirm it is R San Antonio for the ads ment. "Atalaya". 44444. (Pedro F. Arrunátegui-Perú/CHASQUI DX)

5039.20, **R. Libertad**, Junín, at 1040-1105, on May 5. Andean tropical mx. ID w/ TC: "Radio Libertad de Junín informa la hora, son las 6 de la mañana en punto" Slogan: "Radio Libertad de Junín, la emisora que usted prefiere porque tiene lo que a usted le gusta". 44444. (Pedro F. Arrunátegui-Perú/CHASQUI DX)

PORTUGAL RDPi - Radio Portugal: a question of semantics: I decided to enquire about the actual fate of our HF site at Sao Gabriel, and even before

going into details, the RTP official on the phone explained that - contrary to recent news on the issue, i.e. the suspension and later suppression of HF b/casts -, strictly speaking, there is no suppression... yet. In a parliamentary inquiry, the RTP administration recently confirmed the suspension, not suppression, but added "there are no plans to reactivate RDPi on HF due to a number of reasons." This means the licence for HF use is still in their hands, and if is not renewed, than one simply can't expect any private b/caster here will eventually fill the gap by being licensed to "replace" the RDPi. That's sheer utopia. If such a reply from the administration isn't devious, than I don't know what is. Like many things in this country, there seems to be a difference between A and B, only simple mortals can't find it ... Whether it is soon to speculate on the fate of the HF site, needless to say the RTP person I spoke with simply couldn't say a word about it, and I'm sure there would be no premature disclosure to me about the whole business either, if this official knew something about it. So, who knows, maybe, just maybe Sao Gabriel's waves are heard once more in the future. (Carlos Goncalves-POR, via wwdxc BC-DX TopNews Apr 22)

RUSSIA 22.04.2013 **Radio Buryatii** by Russian and Buryat from 2220 to 2300 on 6195 frequency. Broadcast regional news and other notes. At 2243 transmission began in the Buryat language Buryat song. SINPO: 33333. Website GTRK "Buryatia": <http://bgtrk.ru/>. Here you can see photos of employees GTRK "Buryatia": <http://bgtrk.ru/materialyi-obgtrk/2010-08-03-09-26-34/radio.html>. I know that in the first photo - Lyudmila Moses, she had confirmed reports about receiving an e-mail. (Dmitry Kutuzov-Russia/"deneb-radio-dx")

Summer A-13 SW schedule of **Tatarstan Wave**:

0410-0500 on 15110 NVS Tatar/Russian
0610-0700 on 9690 NVS Tatar/Russian
0810-0900 on 15195 ARM Tatar/Russian
(DX Re Mix News, Bulgaria via Dan Ferguson-SC)

Got a QSL-card from a standard radio frequency and time of the **RWM** Moscow, accepting 08.04.2013, 20.45-21.00 at a frequency of 9996. Report sent e-mail: logp@irk.ru and office@vniiftri.ru. (Dmitry Kutuzov, Ryazan, Russia/"deneb-radio-dx")

RWANDA 6055, **R. Rwanda** hrd this evening (5/10) from 0303 tune with armchair quality signal - best hrd here. SINPO 55444. Various pop and ethnic

music selections and occasional man ancr in pre-
sumed Kinyarwanda until suddenly disappeared at
0332 and did not reappear until 0345.5 w/ a man
ancr - pgm tune (classical piece) and a feature
pgm w/ man ancr at 0346. Pgm tune at 0359 fol
by IS on a local inst and station ID by man in new
language (assume Swahili). Into news pgm by man
and woman w/ recorded anmt by woman and man
w/ echo at 0401.5. "International Justice Mission"
mentioned in news pgm at 0402.5. It seems this
is not the original 50 KW R. Rwanda xmtr but
either the 100 KW or 250 KW xmtr formerly used
by Deutsche Welle. (Bruce Churchill-CA/DXplorer)

SECRETLAND Summer A-13 of transmissions via
Secretbrod (with great probability)

0300-0600 on 11560 English/Arabic **Radio Miraya**

1600-1630 on 17870 Somali Mon/Fri **Radio Xoriyo**

1700-1800 on 15245 Tigrinya Mon/Wed/Fri **Voice
of Assenna**

1700-1800 on 15xxx*SCB Amharic **E SAT Radio**
*15355-15390 different frequencies in different
days and different weeks

(DX Re Mix News, Bulgaria via Dan Ferguson-SC)

SOLOMON ISLANDS 5019.88, **SIBC**, Honiara,
0840, May 04, Solomon fishery fleet local news,
S=8 in Brisbane remote unit. Nice audio quality.
(Bueschel-Germany/DX Window)

SOMALIA R. Puntland is testing on shortwave
with temporary transmitter of 100 watts. Variable
test schedule: 0300-0700 & 1500-1800 on 6140,
0700-1500 on 13800. The main transmitter of 25
kW is planned to start in June with regular pro-
gramming on the same frequencies. (WRTH Update)
Country Committee List ("CLC") Chair Don Jensen
reported that the CLC determined Puntland is not
a separate radio country.

This info coming in from official sources: "The
shortwave radio installed in Garowe has a frequency
of 6.16 MHz (at night) and 13.8 MHz (daytime)
and a power of 200 Watts, with regional coverage
which may increase depending on the time and
[solar] weather conditions (up to also the Middle
East and Europe, or at night). At the moment, the
transmitter is installed only temporary, while the
transmitter final, which will have global reach, will

be installed by the end of the year. The radio will be
used to broadcast programs of information, educa-
tion and entertainment, and will involve commu-
nity groups and other civil society representatives
in Puntland." (Harald Kuhl-Germany/DXplorer)

SRI LANKA For those who want **SLBC** QSLs, please
hold on till I get back. I will get things attended to
ASA I get home. In the meantime I am on a project
with PCJMedia of Keith Perron who is hiring airtime
on Trnco for 4 Sundays starting very soon 1300-
1400, and 1400-1500 beaming to East and SEAsia
125kW from Trincomalee. Will advice about freqs
and times ASA we work them out. Might be as early
as 2nd Sunday in May. PCJ will issue e=QSLs. By the
way Trincomalee is available for airtime. They have
300kW SW TXers on DRM capable and one 400kW
MW also capable of DRM. easy to calculate cost of
hiring, \$1 per kW hour. Minimum 125 kW or \$125
an hour for 125 kW or 250\$ @ 250kW! For regular
customers discounts available. Anyone wants to
do a special dx program? You are welcome. (Victor
Goonetilleke-Australia/DXplorer)

Beginning May 19th until June 9th, 2013, **PCJ Radio
International** will be conducting some test trans-
missions from Trincomalee, Sri Lanka. Time: 1300
to 1400. Dates: May 19, 26; June 2, 9th - 2013 [all
Sundays]. Frequency: 11750 - 25 meter band. Target
area: East and South East Asia. Power: 125 KW.
Azimuth: 45 degrees. [http://www.pcjmedia.com/
home/1-latest-news/234-pcj-radio-international-
via-trincomalee-sri-lanka](http://www.pcjmedia.com/home/1-latest-news/234-pcj-radio-international-via-trincomalee-sri-lanka). Just some more infor-
mation on the relays from the SLBC. The content
for the 1 hour broadcast will be a 10min news and
views. Followed by a special Happy Station Show
for listeners in East and South East Asia. (Keith
Perron on PCJ Media and PCJ Radio Facebook 7
May/BDXC/Jerry Berg-DXplorer)

PCJ test transmissions. Keith Perron posted in
PCJ Media and PCJ Radio. Now time to reveal
the content of the PCJ test transmissions from
Trincomalee on 11750. The first 15 minutes will
be Focus Asia Pacific presented by Andy Sennitt.
This will follow a special Happy Station Show for
listeners in Southeast and East Asia. There will be
a surprise giveaway. But I'm not going to say what
it is. You will need to tune in. (via Mike Terry-UK,
BrDXC-UK ng May 15/TopNews) 11750, PCJ - Trin-
comalee. S/on 1300 with a test txion to EAs and
SEAs in English. This may have worked better in
the target zones but certainly not in south eastern
Australia where Havana's 250kW travels mostly

through darkness and dominates the channel. You could hear PCJ there in the background but with no intelligible program content. Pity. May 19. (Rob Wagner-Australia/EDXP)

SYRIA Radio Damascus has not been heard on SW for a long time, but the daily English hour can still be heard online via WRN at <http://www.wrn.org/listeners/#stations>. The station's opening announcement no longer refers to SW, only to various satellites and web sites. (Dave Kenny-UK/BDXC)

TAIWAN As I expected RTI finally officially announced that the Huwei SW Txer will close in the near future. Also new from my observations; I note new (just released) GE imagery of the Kouhu & Paochung SW Txer site. Kouhu appears to still have the two SW 'net style LP antennas, as previously in other imagery. Of particular interest to me is the very recent imagery of the Paochung SW Txer site. At the northern section of this txer site there "appears" to be new SW antenna mast sections (lying on the ground) ready for assembly of a possible new SW curtain array at this site. It could 'possibly' be that the mast sections are from a disassembled curtain array from one of the long since unused arrays at either Huwei or Tainan - we need confirmation of this. (Ian Baxter-AUS, SW TX site Apr 11) Of particular interest to me is the very recent imagery of the Paochung SW Txer site. At the northern section of this txer site there "appears" to be new SW antenna mast sections (lying on the ground) ready for assembly of a possible new SW curtain array at this site. It could 'possibly' be that the mast sections are from a disassembled curtain array from one of the long since unused arrays at either Huwei or Tainan - we need confirmation of this. I guess Taiwan is awaiting new Thomcast ant and TX equipment soon, right? (wb, wwdxc BC-DX TopNews Apr 18) The SW antennas easily seen here: 23.534195 N 120.167644 E. The MW antennas found a long time ago (re Alan's notes). the SW antennas only very recently seen in GE with the new higher resolution imagery. Maybe Keith Perron knows more about the Thomcast Txers etc. I suspect those plans were cancelled, if RTI was the client? RTI doesn't claim to know anything about new SW DRM txers. Could this leave one of the two other Taiwanese SW broadcasters? I don't know. (Ian Baxter-AUS, SW TX site Apr 19) I found an email item today from a year ago that Huwei TX site would close. That decision was made back in 2009 apparently! Also seemingly that either a 90 or 75mb outlet SW antenna removed from Kouhu site some time ago (assume

many years ago now), but I find no early imagery to confirm that. New land clearing around the old PaLi site. But the disused PaLi site remains.... (Ian Baxter-AUS, SW TXsite Apr 20)

I now have a reply from Paula at RTI, it states "Dear Don: RTI has NO plans to go off the air. I don't know how you got that information. As a matter of fact, RTI is even planning to hold an international broadcasting symposium later this year. BTW, any comments and suggestions about our shows? Any particular program that you like? Take Care, Paula" (Don Rhodes-Australia/EDXP)

Fu Hsing BC, Kuanyin is reported inactive on 9410 and 15375, only 9774 is in operation. (WRTH Update)

TUNISIA New A-13 schedule of **Radio TV Tunisia**, only two morning broadcasts:

0457-0557 on 7275 Arabic, ex 0357-0627
0657-0757 on 7335 Arabic, ex 0557-0807
(DX Re Mix News, Bulgaria via Dan Ferguson-SC)

Nothing heard from RTT Sfax Tunisia shortwave site anymore on various air checks since Apr 26. (wb, wwdxc BC-DX TopNews April 29) 17735, RTV Tunis, Sfax, at 1800-1900, in the period Apr 14-24 observed only on Apr 22, Arabic // 7225 kHz and // MW 585 and 684. It seems the evening broadcast is almost ceased. At the morning the s/on on 17735# kHz is at *0300 already? Requested 9725 and 12005 are not in use for several reasons. (Rumen Pankov-BUL, dswci May 1) # Rumen, that's wrong! Rather VOA Tibetan to CeAsia/China, via Tinang-PHL 0300 UT, Udorn Thani-THA 0400-0500. 7225, 7275, 7345, 17735 - Never heard RTT Sfax on air in past two weeks. (wb/TopNews)

UGANDA 4976, **UBCR**, Kampala, 0327, May 02, time check in English, telephone numbers, music clip, "UBC Radio Kampala, Uganda" ID, male singer with up-tempo Afro pop, 45423. (Bell-South Africa/DX Window) Also heard at 1740-1856, May 05 and 10, English, disco songs, ID at 1800 and information in English, vernacular songs, 24332. (Méndez-Spain and Pankov-Bulgaria/DX Window)

UKRAINE Summer A-13 schedule of **Radio Dniprovskya Hvylya**:

0600-0800 on 11980v ZPR 0.3 kW Ukrainian Sat/Sun
(DX Re Mix News, Bulgaria via Dan Ferguson-SC)

USA Changes of **WEWN**:

WEWN-1

0900-1200 on 11520 English, ex 0900-1300
1200-2400 on 15610 English, ex 1300-2400

WEWN-3

0500-1200 on 7555 Spanish, ex 0500-1300
1200-1800 on 11550 Spanish, ex 1300-1800
(DX Re Mix News, Bulgaria via Dan Ferguson-SC)

Summer A-13 schedule of **WYFR Family Radio**:

1100-1200 on 6220 HUW Burmese
1100-1200 on 11520 BAJ Tagalog
1100-1300 on 6240 BAJ Chinese
1100-1300 on 9280 PAO Chinese
1300-1400 on 7580 TAI Vietnamese
2200-2245 on 17575 YFR Portuguese
2300-0045 on 13695 YFR Spanish
2300-0100 on 11565 YFR Portuguese
2230-0300 on 6115 YFR English
0000-0145 on 5945 YFR Spanish
0100-0145 on 15440 YFR Spanish
0100-0200 on 11825 YFR Spanish
0200-0400 on 6875 YFR Spanish
0200-0400 on 9930 YFR Spanish
(DX Re Mix News, Bulgaria via Dan Ferguson-SC)
It was not that long ago when these guys were on the air from numerous locations seemingly all the time - RAD

Family Radio's founder predicted Jesus would return and the world would end on May 21, 2011. A Christian radio ministry may be facing a financial apocalypse after its predictions about the end of the world failed to come true. Three years ago Oakland-based Family Radio Inc. placed billboard messages around the country, claiming that Jesus would return on May 21, 2011. When the end of the world did not happen, Family Radio's founder, Harold Camping, admitted he'd been wrong. Now his charity has fallen on hard times. The group lost more than \$100 million in assets from 2007 to 2011, according to the Associated Press, falling from \$135 million in 2007 to \$29.2 million at the end of 2011. It's had to sell off three of its largest radio stations. Camping, 91, suffered a stroke after his prediction did not materialize and has since said he has no more interest in considering future dates for the end of the world. In 2012, records show that Family Radio took out a \$30 million bridge loan to keep

operating while awaiting money from the sale of the stations. Board member Tom Evans, who has taken over the network since Camping's stroke, said the network is hurting during the economic slowdown like other nonprofits. But he said it is not closing. (usa_today via Jaisakthivel-India/BDXC-UK May 16)9955, **Rhein-Main-Radio-Club**, via **WRMI**, Florida. In a special broadcast at 0300-0400 on Su Jun 02, Nick Barker informs us in English about: RMRC and its activities: Visits, meetings, actual loggings, SW-transmissions, QSL-Calender, DX-Camps and much more. The target area is South/Central and North America. But also DX-ers in Europe should have the possibility to receive it and get the special QSL. (RMRC-Aktuell 2/2013, via Gabler-Germany/DX Window)

UZBEKISTAN The Voice Asia/CVC - A13 Summer Schedule effective: 31 March - 27 October 2013 in Hindi:

0000-0400 6260
0100-0400 9975
0400-1100 13630
1100-1400 9660
1400-2000 6260
(Balkan DX/29 Apr 2013 / Shortwave Central blog/PlayDX)

VANUATU Radio Vanuatu is missing from shortwave at present. Adrian Sainsbury from RNZI tells me that both SW transmitters are off air awaiting spare parts. Radio NZ Transmission Engineer Steve White is due back in Vanuatu next month, so hopefully the transmitters will be back in operation soon. (Bryan Clark-NZ)

ZANZIBAR 11734.98, **Zanzibar Broadcasting Corporation**, Dole, Zanzibar, heard after a period of silence at 1805-1810 on May 03, news in English, ID as "This news comes to you from ZBC", 1810 news in Swahili from Zanzibar, 54444 or better. (Johann Wiespointner-Austria/DX Window)

Schedules, news and other information about shortwave broadcasting activity can be sent to Richard A D'Angelo, 2216 Berkeley 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



QSL Report

Sam Barto • 78 Blakeman Road • Thomaston, CT 06787

RADIO COUNTDOWN
NETHERLANDS
35 WATTS



date. 18-3-12
freq. 6306
sinpo. 45444
name. r. pavanello
place. vercelli
thank you for your report

AUSTRIA: Voice of Vietnam 7120 via **Moosbrunn**
The station verified my email report w/ an email reply in 6 days promising a reply from the English Service and apologizing for the delay because "we have resumed work from a week-long Lunar New Year Holiday" (D'Angelo-PA).
CHINA, PEOPLES REPUBLIC
OF: China Radio International 7255 via **Ba-**

oji The station verified my email report in 9 days from v/s Ying Lian, CRI English Service. She indicated that a QSL card will be sent very soon. (D'Angelo-PA).

CUBA: Radio Havana Cuba 5040 The station verified my email report w/ an email reply from Prof. Arnaldo Coro Antich * AKA Arnie Coro *, Senior Advisor / Consultant to the Director General, Frequency Manager, Senior Science and Technology Editor of Radio Havana Cuba in one hour...

STATION NOTES: Borderhunter Radio 6210 Email: borderhunterradi@hotmail.com
Flying Dutchman Radio 6300 Email: fd@hmnet.nl
Telstar Radio Email: dutchradi048@hotmail.com
Radio Alice 3905 Email: radioalice@hotmail.com
Radio Difusora Macapa 4915 v/s Juliana Alves Coutinho, Gerente. **Atlantic 2000** 6005 Email: atlantic2000international@gmail.com.
Tip and Elvis Show 6285 t.eshow@hotmail.com.
Radio Biafra London 11870 via **Wertachtal** Email: contact@radiobiafralondon.com
Rainbow and Spaceshuttle 15860 / 15880 Email: spaceshuttleradio@yahoo.com
Radio Bhutan 6035 v/s Kaka Tshering, BBS General Manager. **Contact Shortwave** 6305 Email: contactshortwave@gmail.com..via **PLAY DX..Sam**.



Now that's a long title...Sam. Arnie notes that "I enjoy very much sharing my time between engineering and journalism. (D'Angelo-PA).

ENGLAND: KBS World Radio 3955 via **Skelton** f/d "Bridal Mask" cd. in 41 days w/ a note from Min Young apologizing for the delay in their response because she was very busy at year end and sending out gifts and station calendars and attend-

ing some station events. I also rcvd. a station schedule. (D'Angelo-PA).

GERMANY (East): The Mighty KBC

7375 via Nauen. f/d cd. in 41 days for an EG report and \$2.00. The QSL has transmitter power and station equipment along w/ a picture of a Tee Shirt that gives the station name. (Tilley-WA).

NORTHERN CYPRUS, TURKISH REP-

UBLIC: Radio Bayrak 6150
The station verified w/ a f/d personal ltr. and a f/d card. I also rcvd. a large envelope of goodies in 472 days from my initial report and 152 days from my follow up report from v/s Mustafa Tosun, Department Head - Transmissions. His letter was dated November 27th so there

CBS 台北國際之聲 (RTI)

茲證明 君於二〇〇 年國際標準時間 月 日 時 分 至 時 分，以 週 率，在 收聽本台所播 節目，所提報告與本台播出內容完全相符，謹此致謝。

via Weissborn



This is to verify that your reception on Henry Program on 5950 kHz from 0600 to 0655 UTC on 1/2 2002 corresponded with our station log of the same day. Thank you for your interest. Further reports are welcome.

中華民國台北郵政 24-38 號信箱
P. O. Box 24-38, Taipei 106, Taiwan, R.O.C. 攝影：許智勇先生
Postfach 040401, D-10062 Berlin, Germany Photo courtesy of Mr. Jyh-yeong, Guo.
Tromol Pos 1024, Surabaya 60008, Indonesia 台灣轉寄處：吳萬平
HOP THO SO 104 HA NOI, VIET-NAM. Endemic sub-species to Taiwan? Alcedo arthis ?

STATION NOTES: Radio Itatiaia 5970 v/s Severino Carneiro, Gerente Tecnico.

Addr: Rua Itatiaia 117, Bairro Bonfim, Belo Horizonte, MG, Brasil.



We hereby confirm your reception of:
Station: Amorpatamia Radio 2 TV
Date: 23/01/2002
Time (UTC): 1700-1722
Frequency: 19.415
[Signature]

Atlantic 2000 International 9480 Email: atlan2000international@gmail.com
Africa Number One 9580 v/s Guy Kalenda Mutelwa, Coordinator de la Antenne. Email: gyukalenda@africal.com
Addr: 33 Rue du Faubourg Saint Antoine, FR-75011 Paris Cedex, France.
Traxx FM 7295 v/s Suhaila Mohammed Zaini, Program Head. **WTWW** 9480 v/s George McClintock, President and Station Manager Email: DMcclin802@aol.com ...via PLAY DX.

was quite a delay in getting the package to me in late March. Among the items were several tourist booklets in English, Several local magazines in Turkish, a booklet about Myths and Legends in English, several city maps of Gazimagusa, Girne, Iskele and Lefkosa along w/ other road maps of Northern Cyprus, a half-dozen things to do brochures and two tote bags. I can only presume the late November posting was by surface mail and the size and weight of the package made the postal trip a long one. (D'Angelo-PA).

QSL

POST CARD

Nasao Hosoya
1998 年 1 月 11 日
12085 kHz
8:58~9:28 UTC の

Snoe
Nasao Hosoya
1-1-19, Sengen-cho
Higashi-Kurume-shi
Tokyo, 103-0012
Japan

受信報告を拝受いたしました。さきっ放し放送と照会し、あなたの受信された局が私もモンゴルの日本放送局放送であることを確認いたしました。また、私どもの番組に対する貴重なご意見、ありがとうございました。受信報告の詳細い内容ともどもこれからの放送内容への参考とさせていただきます。

VOICE OF MONGOLIA
モンゴルの声
C.P.O Box 365, Ulaanbaatar 11, 199924 IA

I only have two NA pirate stations to report - not quite enough to justify another page so we will end this months QSL Column. Best of QSLing...Sam.

[Signature]

Contributors' Page

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DEADLINE FOR CONTRIBUTIONS IS THE 10th OF THE MONTH

The following members sent in contributions:

Scott R. BARBOUR Jr., Intervale, NH
Rick BARTON, El Mirage, AZ
Bob BROSELL, WI
Rich D'ANGELO, Wyomissing, PA
Jim EVANS, Germantown, TN
Dan FERGUSON, SC
Robert FRASER, Belfast, ME
Steven HANDLER, Buffalo Creek, IL
Glenn HAUSER, Enid, OK
Richard PARKER, Pennsburg, PA
Chuck RIPPEL, Chesapeake, VA
Mark TAYLOR, Madison, WI
Dave TURNICK, Sinking Spring, PA
Robert WILKNER, Cedar Key, FL
Joe WOOD, Greenback, TN

NRD545, MLB-1, 200' Beverages, 60m dipole
HQ-200, HQ-120X, SP-600, R8, PL-660, random wire
NRD-545, Eton E1, Sony ICF SW 77
RX340, R8-B, E1, E5 DX Sloper, Mini-Wind, FL3, ANC4
RX340, R75, E1, ICF-SW7600G, G6, 90' lw, 100m loop
no equipment listed
Sony ICF-2003, ICF-100s, 2m longwire
Icom R-75, Tecsun PL-660, 33' indoor wire dipole
FRG-7, YB400, SW-07, ATS-909, lw
51S-1-X, R390A, SE3, ant. farm
WinRadio G33DDC and R390A
Perseus, Winradio g313e, E1, Sat 800, 40m dipole
RX340, WinRadio, Alpha Delta sloper
NRD545, 535D, R8, IC746Pro, E1 Sat 800, Flex EWE
Eton E1, 7 meter random wire

73 and Good DX to all - Steve Handler



2000-5900 kHz

Tropical Band Loggings

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

- 2325 AUSTRALIA VL8T Tennant Creek 1100-1120 M ancw w/ mx prg; surprisingly good sig; 3/29. (Wilkner-FL) 1138 Mx audible at v. poor lvl; but anything at all from VL8T is welcome one minute before sunrise here; 4/30. (Hauser-OK)
- 2368.5 AUSTRALIA R. Symban 1232 (P); JBA carrier & trace of mx; much weaker than 2325 & 2485 which themselves are too weak to copy; 3/27. (Hauser-OK)
- 2485 AUSTRALIA VL8K Katherine 1100-1120 M ancw w/ talk; "...pretty shock band..."; 3/29. (Wilkner-FL) 0914-0918 Talk in Aussie accented EE by W ancw; weak w/ fading, keeping just above the noise most of the time, but difficult to understand; other NT freqs had carriers, but no readable audio; 4/29. (Evans-TN) 1006-1050 Threshold audio w/ mx; slightly better than 2323 VL8T; 5/1 & 8. (Wilkner-FL)
- 2850 NORTH KOREA KCBS Pyongyang 1000-1020 Mx of a martial nature w/ W ancw; f-g w/ fading; 3320 & 3250 threshold same time; 4/13. (Wilkner-FL)
- 3185 USA WWRB Manchester 0137 BS is back on now, altho not synch w/ 7490 WBCQ; it never is, but within a minute; 4/19. (Hauser-OK) 0329 Next play of WOR 1667 also confirmed; an over-assertive had been preaching until suddenly stopped, seemingly incomplete at 0329.5, amid which 0.3-minute pause Dave inserted a quick ID; 5/3. (Hauser-OK)
- 3205 PNG R. Sanduan-R. West Sepik Vanimo Ssecond best at 1141 w/ talk; 1202 still a carrier, but open? 1204, no it's JBM & 1209 can make out some mx still past 1218 when I quit; 4/25. (Hauser-OK) 1043 M ancw chat, seem continuous same person to 1054; 5/6. (Wilkner-FL)
- 3250 NORTH KOREA KCBS Pyongyang 1105-1120 Noted w/ audio in lang; fades; 3/29. (Wilkner-FL) 1020-1050 (P); Threshold sig; 5/4 & 5. (Wilkner-FL)
- 3260 PNG R. Madang Madang 1141 carrier; 1149 mx & talk; 1203 weaker than 3205 but modulating better; bit of mx at 1209* before carrier cut; 4/25. (Hauser-OK) 1040-1055 Ancrs w/ chat; 5/6. (Wilkner-FL)

- 310 **BOLIVIA R. Mosoj Chaski** Cochabamba *0830-0843 Carrier on at 0830; anc in listed Quecha w/ s/on ancment; talk over mx; v. weak at s/on, though rapidly improving; 4/9. (Barbour-NH) 1000-1027 M & W in lang under crackle of distant t-storm; 4/13. (Wilkner-FL)
- 320 **SOUTH AFRICA R. Sondergrense** Meyerton 0104 P-f sig in almost-Dutch Afrikaans; helpfully running all-night; 3/28. (Hauser-OK) 0349 Talks in (P) Afrikkans; 5/6. (Brossell-WI)
- 325 **INDONESIA-KALIMANTAN RRI Palangkaraya** 1233 M & W conversation in Indo; poor but better than usual; only other Asian on 90m is weaker 3205, (P) PNG; only other tropical Indo is 4750 mixed w/ offset carrier, (P) Bangladesh; 3/25. (Hauser-OK)
- 329.5 **PERU Ondas del Huallaga** Huánuco 1000-1040 Weaker sig this week; last Peru on 90m, notch to remove CHU; mx & M w/ español chat format; 4/7-12. (Wilkner-FL) 0945-1030 Early s/on; M anc en español y musica under t-storm crackle; 5/1 & 8. (Wilkner-FL)
- 3375.1 **BRASIL R. Municipal** São Gabriel da Cachoeira 1000-1020 PP (P); M anc y musica under t-storm racket; 5/3; not on 1000 on 5/4; back on 5/8. (Wilkner-FL)
- 3385 **PNG-NEW BRITAIN TERRITORY R. East New Britain** Rabaul 1142 Best sig at 1142 w/ talk, could be in EE; 1146 mx w/ a beat; 1159 still on, but off at next check 1202; 4/25. (Hauser-OK) 1015-1053 M anc chat; 5/6, 8 & 11. (Wilkner-FL)
- 4055 **GUATAMALA R. Verdad** Chiquimula 1040 EE; M preaching on the subject of "Babylon"; 3/28. (Wilkner-FL) 0206 Very nice hymns; big 60db sig; exc.; 4/17. (Parker-PA) 1126 In assertive CCI; presumably preaching w/ "inspirational" mx background; fair at S9+18; 4/27. (Hauser-OK) 0509 No CC now from R. Verdad, but instead Brazilian PP w/ background mx; it doesn't take long to recognize keyword "deus" as repeatedly pronounced not as in SS; 5/3. (Hauser-OK)
- 4319U **DIEGO GARCIA AFN** 2300-0100 "...in wall street the Dow Jones average..." into mx vcl; good sig, but 1.1k filter after 0000; 4/29. (Wilkner-FL) 2330-2350 Pop rock mx; good sig until 0003 when killer ute appears on sked; 5/4-5. (Wilkner-FL)
- 4451.1 **BOLIVIA R. Santa Ana** Santa Ana de Yacuema 0021 F/up, on until 0132 w/ M & W cments; first time logged this late; 0150 re-check was off; best in USB; 5/7. (Wilkner-FL)
- 4699.9 **BOLIVIA R. San Miguel** Riberalta 0950-1000 S/on most mornings; 4/8-11. (Wilkner-FL)
- 4716.65 **BOLIVIA R. Yura** Yura 2340-0105 Noted en español w/ good sig; later carrier but no audio at 0400-0416; 4/7 & 5/7. (Wilkner-FL) 4716.7 0058 Mx; back on the low side of 4717; 4/26. (Hauser-OK) 0106 Andean mx; 0109 SS ancment; poor, but better than other S. Americans on 60m & pleased how well this holds up despite our latening sunsets, today 0128 UT in Enid; 5/12. (Hauser-OK) 4716.8 0050 (P); Unique off-freq; better than usual on almost-nitely chex, w/ Andean mx; 0053 SS ancment; 0055 mentions "Sr. Jesucristo"; 4/14. (Hauser-OK) 4717 0059 V. poor sig w/ mx; in the clear except for occ. utes on hi side; but not much audio is making it elsewhere on 60m from S. America; 4/4. (Hauser-OK)
- 4750 **INDONESIA-SULAWESI RRI Makassar** 1245 Poor sig w/ Indo talk; but w/ some hum; then I notice the hum surges during pauses in RRI modulation, so that means it's txmitted that way; 4/4. (Hauser-OK)
- 4754.9 **BRAZIL Radio Imaculada Conceicao** Campo Grande 0059 (P); Mx; presumed the only American stn known circa 4755; 4/26. (Hauser-OK) 2328 W vclist; 2343 repeated ments. of "problemas" & two ments. "América Latina" at 2345; back to W; followed sig to 0012; 5/4-5. (Wilkner-FL)
- 4755.5 **MICRONESIA V6MP The Cross** Pohnpei 1151 Some weak mx; no doubt PMA The Cross; as usual somewhat on the hi side; automatic closedown tones at 1159:14 & cut carrier at 1159:16"; 4/25. (Hauser-OK)
- 4781.6 **ECUADOR R. Oriental** Napo 2320-2355 M DJ; mellow alto vcl; good; 4/7. (Wilkner-FL) 4781.7 1107-1110 Vclist en español; loud & clear sig; 3/30. (Wilkner-FL)
- 4785 **BRASIL R. Caiari** Porto Velho 1010-1030 "...kiloHertz"; rooster crows & ID as Radio Caiari; 4/25. (Wilkner-FL)
- 4789.85 **PERU R. Visión** Chichlayo 1030-1040 Mx & M anc español; txmitter distorting sig; 4/11. (Wilkner-FL) 4789.9 0845-0902 M anc in SS into indigenous mx & ballads through ToH; diff. format from the usual "loudspeaker" preacher I usually hear; 4/9. (Barbour-NH)
- 4795.8 **BOLIVIA R. Lipez** Uyuni 0950-1015 M anc en espanol; heard every morning except one in last two weeks; 3/28. (Wilkner-FL) 0950 Early on before 4700-San Miguel & 4716-Yura; first noted back on the air on 4/22 at 1035; 5/4. (Wilkner-FL)
- 4810 **PERU R. Logos** Chazuta 1050-1126 Música de Perú; strong sig; 3/30; 4/7-9. (Wilkner-FL) 1000-1100 Prg of mx & M anc w/ relg msg's; heard every day this week w/ good sig; easily the strongest 60m from Peru; second strongest might be Radio Tarma-4775; good synchro lock w/ R8; 5/11. (Wilkner-FL)
- 4824.4 **PERU LV de la Selva** Iquitos 1015 S/on on early en español; 4/10. (Wilkner-FL) 4825 0101 W anc in colloquial Brazilian which rules out the Peruvians offset above & below this freq, but not which of the two ZYs it be for sure: BraganÁa ou Cachoeira Paulista; 4/14. (Hauser-OK)
- 4826.5 **PERU R. Sicuani** Sicuani 0950-1030 Mx & M chat en español; weak; 4/9. (Wilkner-FL)

- 4877.6 **BRASIL R. Difusora Roraima** Boa Vista 1015 PP tenor vcl; TC at 1025; 3/28. (Wilkner-FL)
4878.5 0932-0953 Brazilian pop vcls; M anc in PP; ID followed by more vcls; phone calls from listeners; fair; 4/8. (DiAngelo-PA)
- 4885 **BRAZIL R. Clube Do Para** Belem 0350 PP talk; unstable sig w/ fades & static; 4/11. (Brossell-WI)
0210 M anc in PP; 40-60dB sig; rapid QSB; g-exc.; 4/17. (Parker-PA)
- 4905 **TIBET Xizang PBS** Lhasa 0005-0017; W anc in lang; //4920; 3/28. (Wilkner-FL)
- 4915 **BRAZIL R. Daqui** Goiania 0057 Fair sig w/ PP song vs CODAR chirps; 0059 two shouted IDs as "A Rádio Daqui" w/ AM freq; 0100 W DJ & another song; by now it's the SSOB from S. America, much better than usual, making 6-8 bars on the DX-398 meter & no contest from other Brazilian freqs 4885, 4925, 5035, etc.; must have a pipeline from Goiania & no sign of the other ZY on 4915, Macapá w/ 2.5 times the power & 24-hour(?) sked; 4/14. (Hauser-OK) 0100 Brazilian mx vs CODAR; 0101 TC as "dez horas" & ID as R. Daqui; best ZY on band; any stn might utter "daqui" as it merely means "from here", but only ZYF691 in Goiania turns the expression into a proper name; 4/26. (Hauser-OK)
- 4915 **BRAZIL R. Difusora Macapa** Macapa 0108 PP (P); Brazilian popular mx; M anc & string of ads or ancments; mellow vcl; fair; gone at 0115 recheck; 4/20. (Taylor-WI)
- 4930 **BOTSWANA VOA** Moeping Hill 0400 World nx in EE; 5/11. (Brossell-WI)
- 4940 **CHINA V. of the Strait** Fuzhou 1139 Talks in Mandarin; good this morning, but poor most other times; 4/11. (Brossell-WI)
- 4955 **PERU R. Cultural Amauta** Huanta 1030 Sudden f/up w/ instrumental mx; hauntingly beautiful vcl 1040; 4/11. (Wilkner-FL)
- 4974.8 **BRASIL R. Iguatemi** Osasco 2340 (P); M anc in PP; no second carrier present from elusive Peru stn; M vclst to 0000 w/ no ID; 4/7. (Wilkner-FL)
- 4980 **CHINA Xinjiang PBS** Urumqi 2338-2348 Indigenous mx w/ occasional talk by M & W anrs; p-f in ECCS-LSB; 4/9. (Barbour-NH)
- 4984.2 **PERU R. Voz Cristiana** Huancayo 1105-1130 Noted en español; f/out; 3/30. (Wilkner-FL)
- 4990 **SURINAMER. Apintie** Paramaribo 0950-1000 M anc in Dutch; fair; 3/27. (Wilkner-FL) 0903-0919 M anc in listed Dutch w/ light mx & talk; (P) ad at 0915 into what sounded like a daily affirmation, still going at t/out; very nice reception w/ greyline right on top of Suriname; 4/9. (Barbour-NH)
- 5025 **CUBA R. Rebelde** Havana 2100-2130 "Oh Darling" by the Beatles & several others in EE; 555 as lcl stn; 5/8. (Wilkner-FL)
- 5039.2 **PERU R. Libertad** Junín 0950-1010 Locutor en español; 4/6-7 & 13. (Wilkner-FL)
- 5040 **CUBA RHC** Havana 0517 EE; Continuous rather than intermittent audio dropouts (CADs?) as has happened before on this freq but not on any of the // overkill quartet on 6 MHz; 3/27. (Hauser-OK)
- 5050 **USA WWRB** Manchester 0053 Gospel huxter; T-storm noise lvl is too high now for any DX on 120, 105, 90, 65 or 60m; so WWRB now needs to make seasonal transition to 5050 being the primary, or only evening freq for non-BS prgrming, instead of 3195 which is also still on after 0200; 3/31. (Hauser-OK) 0104 Extra txmitter is on the air again; // weaker 3195 w/ M hymn-singer, piano accompaniment, so maybe Martha Garvin's guest?; 5050 has not been on much lately, but you never know whether it will be; 4/7, 14 & 21. (Hauser-OK)
- 5060 **CHINA Xinjiang PBS** Urumqi 2322-2334 M & W ancs w/ talk in unid. lang; sounds like an interview; poor & threshold lvl; 4/8. (Barbour-NH)
- 5085 **USA WTWW** Lebanon 0059 WTWW-2 is on again w/ mx; but off at next check 0109; 4/13. (Hauser-OK) 0057 WTWW-2 on w/ promo ancment for the "ten languages" (NOT) of Bible b/ casting on WTWW-3, then opening Amateur Radio Newslne w/ a headline including rescinding the amateur of the year award at Dayton Hamvention; recheck at 0101, it's off the air; 5/8 (Hauser-OK)
- 5110v **USA WBCQ** Monticello 0141 CUSB; World of Radio 1663 monitoring: confirmed 0141.4 on Area 51 via WBCQ; 4/6. (Hauser-OK) WoR 1668 monitoring: confirmed on Area 51 via WBCQ; starting late from 0136:39 after a prolonged live "Allan Weiner Worldwide"; 5/11. (Hauser-OK)
- 5580.2 **BOLIVIA R. San José** San José de Chiquitos 0000-0025 M anc y musica; fair; 3/28. (Wilkner-FL)
5580.36 0106 Mx is weakly audible here; I often check this around 0100; usually a JBA carrier at best; 3/29 & 4/14. (Hauser-OK)
- 5745 **CUBA** 1246 Still wall-of-noise jamming altho weak this late, as the DetroCuban Jamming Command hasn't caught on that R. Martí is totally gone from this freq; well, at least they can jam the weekly VOA Radiograms; 4/4. (Hauser-OK)
- 5745 **USA VOA** Greenville 0233 Weekly Radiogram test is hardly the solid sig we have come to expect from Greenville B, presumably because it's a low power (80 kW) txmitter aimed south; fading & furthermore is undermodulated as Kim is explaining MFSK; 3/31. (Hauser-OK)
- 5765U **GUAM AFN** Barrigada 1039 "This is something we need to understand..."; 3/28. (Wilkner-FL)
1220 Item re social media from "Today on NBC" via AFN; commercials replaced by promos for AFN Sunday night baseball, water, special warfare careers; back on night freq instead of 13362-USB 23.5 hours earlier; 4/21. (Hauser-OK) 0930 Usual nx items "...having no idea of the circumstance..."; 0935 mx bridge; good; 5/8. (Wilkner-FL)



International Band Loggings

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- 5910 **FRANCE NHK/R. Japan** Issoudun 0214-0235 April 30; M announcer in listed JJ over classical mx; discussion & banter w/ several announcers; pop mx & lite jazz; jingle mx at BoH though no discernible ID noted; good. (Barbour-NH)
- 5910 **COLUMBIA Alcaravan Radio** 0754-0825 with Latin American music. Very nice. I caught the midnight to morning show. Fun. (Turnick-PA)
- 5950 **ETHIOPIA. Voice of the Tigre Revolution**, Addis Ababa, 0313-0320. Nonstop Horn of Africa music. Moderate signal strength with some fading. 4/30/2013 (Evans - TN)
- 5952 **BOLIVIA. Emisoras Pio XII**, Siglo Veinte, 0043-0044. Talk in Spanish by a woman with a few bars of music. Moderate signal strength with sloppy high side jammer. 4/7/2013 (Evans - TN)
- 5995 **AUSTRALIA R. Australia**, 1415. "Saturday Night Country". VG. Recheck at 1450 had them at threshold level. 4/13/13 (Barton-AZ)
- 6305 **EUROPIRATE** 6305.0 AM **Power Liner Radio** (Netherlands) well heard from 0115-0200*. Pop music, "WOLD" song and lots of great ID's. QSL to: radiorpi@hotmail.com 04/06 RIPPEL, VA
- 6600 **SOUTH KOREA Voice of the People** (P), 1030. M in KK, long talk, audible over jamming. 4/10/ (Barton-AZ)
- 6925 **PIRATE (No. Am.). Radio Cinco de Mayo**, 0022-0041 May 4, man announcer with Spanish IDs and e-mail address (radiocincodemayo@gmail.com) hosting music program with Mexican Hat Dance, La Bamba and song entitled Cinco de Mayo. Nice program for the special event. Good signal. (D'Angelo-PA)
- 6925 **PIRATE (NO.AM) Ann Hoffer Live** 0042-0049. On for only 7 mins with music, ID's and Ann chatting away. Good (Turnick-PA)
- 6930 **PIRATE (No. Am.). Delta Fox Radio** (?), 0001-0027* May 6, man and woman with some sort of drama discussion followed by music, some vocals. Male announcer with ID at 0014 and Gmail address. Talk about first wedding in outer space. More music until closing announcements thanking listeners for tuning in. Fair on peals but very noisy conditions. (D'Angelo-PA)
- 6931 **PIRATE NO. AM SDF1 Radio** 2354-0014 with an outer space wedding bit. Good (Turnick-PA)
- 6935 **PIRATE (No. Am.). Wolverine Radio**, 0240-0258* May 5, rock vocals selections with a man announcer providing station IDs at 0247 and again just prior to closing at 0256. FAX transmission at closedown. Good signal. (D'Angelo-PA)
- 6935 **NORTH AMERICAN PIRATE** 6935.0 U, **Grizzly Bear Shortwave** @ 0230Z. ID by OM announcer then into obscure pops. Well heard in VA! QSL to: grizzlybearshortwave@gmail.com 04/06 RIPPEL, VA
- 6950 **PIRATE (NO.AM) The Crystal Ship** 0039-0109 with a track of Jim Petty. Good. (Turnick-PA)
- 7205 **SUDAN. Radio Omdurman**, 0303-0325 Apr 21, man announcer with news in Arabic followed by music program. Poor signal and mainly covered by heavy amateur radio operator contest QRM. (D'Angelo-PA)
- 7265 **CHINA. CRI**, Kunming-Anning, 2219-2224. Talk in Chinese by woman. Poor signal strength with minor fading. 4/3/2013 (Evans - TN)
- 7320 **RUSSIA R. Rossi** 0915-0937 in Russian with commentaries. Fair. (Turnick-PA)
- 7450 **GREECE. ERA3 Macedonia**, 2234-2252* May 5, nice program of Greek music hosted by a man announcer with some Greek talk. ID and closedown announcements at 2250 followed by National Anthem. Good signal. (D'Angelo-PA)
- 7460 **MOLDOVA. Radio Payem e-Doost** via Grigoriopol, 0246-0315* May 4, woman announcer with talks in listed Farsi language with some music around 0259. More talks at 0304 with some music mixed in with carrier cut at 0315. Fair. (D'Angelo-PA)
- 7506 **USA. WRNO Worldwide**, 0302-0314 May 8, male vocals followed by ID "This is WRNO Worldwide broadcasting on 7505 kHz from its transmitter in New Orleans, Louisiana." Good signal. (D'Angelo-PA)
- 9265 **UNITED STATES WINB**, Red Lion, 2236 in EE with rig talk, 30dB signal, good. 4/20 (Parker-PA)
- 9410 **CHINA CNR-5** Beijing 1002-1015 May 2 CC; M announcer w/ (P) nx headlines between mx bits; M & W announcers over mx at 1010 w/ CNR jingle mx; more announcer talk into different M announcer via remote; fair-good. (Barbour-NH)
- 9420 **CHINA CNR-6** Beijing 1016-1034 May 2; Ballad in unid. lang; list Hakkah (sp?); lots of announcer talk over mx; URL at 1026 that I could not fully copy; more M & W announcers; no discernible ID noted at BoH; fair. (Barbour-NH)
- 9455 **MARIANA IS. RFA**, Tinian, 2242 in CC with M and W talking, 40dB signal with trans-polarQSB, good. 4/20 (Parker-PA)

- 9465 **RUSSIA** *V of Russia*, EN at 2210. Commentary on terrorist invading Turkey from Syria (Fraser-ME)
- 9465 **MOLDOVA** *V.O. Russia*, via Kishinev-Grigoriopol, 2244 in EE, criticism of non-traditional marriage. 70dB signal, exc. 4/20 (Parker-PA)
- 9465 **RUSSIA**, *V o Russia*, in English. Commentary on P.K.K. terrorists
- 9540 **ROMANIA** *R. Romania Int'l* in EN at 2214. Commentary on Korea's threats.
- 9540 **ROMANIA** *R.R.I* at 2214 UTC., in English. "Challenge for the Future."
- 9550 **CHINA** *CRI* 1350 . Mand F with Language lesson with Chinese and Vietnamese. Good. 4/18(Barton-AZ)
- 9565 **UNITED STATES** *R. Marti*, Greenville, 2314 in EE with The Police "Walking on The Moon", typical 100dB+ signal, exc. 4/20 (Parker-PA)
- 9579 **MOROCCO** (Spanish). *Radio Medi Un* (presumed) 2347-0003 May 5, talk with a man and woman but very noisy conditions made even detecting the language a problem. Some music at 2356 and apparently news at 0000 but noisy conditions made this unpleasant. (D'Angelo-PA)
- 9580 **GABON** *Africa No. 1*, Moyabi, 2320 in FF, W ancr with pops, sigs to 70dB with heavy QSB, f-g.4/20 (Parker-PA)
- 9645 **VATICAN STATE** *R. Vaticana*, Santa Maria di Galeria, 0422 in AA with talks, mx bridges. 50dB signal with co-channel het, g-exc. 4/19 (Parker-PA)
- 9650 **N. KOREA** *V. of Korea* Kujang 0940-0951 April 28; Martial mx; abruptly off at 0942; back a minute later w/ more mx; M & W announcers in listed JJ at 0945 w/ alternating talk & mx bits; fair & improving. (Barbour-NH)
- 9665 **PRIDNESTROVIE** (Moldavian S.S.R.). *Radio PMR*, 2301-2340 May 5, noted with news in English with fairly good signal noting Monday through Friday broadcasts on 9,665 kHz followed by French program at 2315. (D'Angelo-PA)
- 9665 **BRAZIL** *R. Voz Missionaria*. Camboriu, 0418 in PP, M talking over soft mx, 40db signal, exc.4/19 (Parker-PA)
- 9665 **PRIDNESTROVIE** (Moldavian S.S.R.). *Radio PMR*, 2301-2340 May 5, noted with news in English with fairly good signal noting Monday through Friday broadcasts on 9,665 kHz followed by French program at 2315. (D'Angelo-PA)
- 9675 **BRAZIL** *R. Cancao Nova*, Cachoeira Paulista, 0415 with 70's soul mx, 20-30db signal, f-g. 4/19(Parker-PA)
- 9705 **ETHIOPIA** *R. Ethiopia*, Addis Ababa-Gedja, 0410 in vern, indigenous mx, rhythmic and
- 9720 **CHINA**. *CNR2*, Baoji-Xinjie 722, 0944-0946. Talk in Chinese by a man and a woman. Poor signal with minor fading. 4/29/2013 (Evans - TN)
- 9760 **GERMANY** *R. Farda*, via Lampertheim, 0406 with dance mx, 40dB signal, exc. 4/19 (Parker-PA)
- 9770 **ROMANIA** *RII*, Galbeni, 0400 in RR with ToH pips, talks. 70dB signal with occasional hints of multi-path, usual breathtaking audio fidelity. 4/19 (Parker-PA)
- 9780 **JAPAN** *Furusato no kaze* (P) , 1620 , F in JJ and with choral music . Closed at BoH as expected. Very good. 4/13 (Barton-AZ)
- 9835 **MALAYSIA** *RTM Sarawak FM* Kajang 1136-1147 May 1; Familiar format of Malaysian pop ballads w/ brief W announcer between selections; (T) jingle ID at 1145; fair. (Barbour-NH)
- 9840 **VIETNAM** *Voice of Vietnam* 1300 sign on music and into Turkish 4/24/13. (Handler-IL)
- 9850 **ALBANIA**. *Radio Tirana*, 2312-2339 May 7, program in Albania with local music, ID and talks. Fair to good. (D'Angelo-PA)
- 9920 **ALASKA** *KNLS*, 1600 . Opening with I.S. coming thru very clear and strong , to F in CC . Only fair on peaks and difficult to ID the language . The IS sure sounded good though . 4/13 (Barton-AZ)
- 9930 **PALAU** *TBWH* Koror 0948-1000* May 2 EE; M announcer w/ Jesus talk & Bible quotes; listed "Zion Teacher" prg; materials offered via www.lesea.com at 0958 & ad re giving Bibles to Sudan; ID, which I swear sounded like "KWHR Hawaii...." w/ South Bend contact info at 1000 then off; fair. (Barbour-NH)
- 9965 **EGYPT**. *Radio Cairo*, 2251-2317 May 3, man and woman talking in English accompanied by some instrumental music. Apparent news at 2300. Booming signal but almost no audio. How can professional engineers manage to do this consistently over the years? (D'Angelo-PA)
- 11560 **BULGARIA**. *Radio Miraya FM*, Sofia, Kostinbrod, 0455-0501. Pop music. Announcements and talk in English by a man who was joined by a second man. A musical bridge at 0501, then talk in Arabic by a man. Poor to moderate signal strength with fading and lots of noise. 4/27/2013 (Evans - TN)
- 11595 **CLANDESTINE** (Burma). *Democratic Voice of Burma* - Gavar, 0007-0029* Apr 26, man and woman announcer with talks in Burmese language, interview segment. Woman announcer talking over instrumental music at 0024 followed by a man announcer with seemingly ID and closedown routine. Fair. (D'Angelo-PA)
- 11620 **INDIA** *AIR*, Bangalore, 0245 in Urdu with Baliwood mx, 40dB signal, exc. 4/18 (Parker-PA)
- 11660 **IRAN** *VOIRI*, Zahedan, 0250 in AA with Koran chants, 60db signal, exc. 4/18 (Parker-PA)
- 11670 **INDIA** *All India Radio GOS* via Bengaluru 2228-2229 English language program sign off by female, Good signal. 4/18/13. (Handler-IL)
- 11710 **ARGENTINA** *RAE*, General Pacheco, 0319 in FF, M with anmts over martia\ mx, 50dB signal, exc. 4/18 (Parker-PA)

- 12710 **KOREA DPR (NORTH) Voice of Korea** via Kujang 1146-1155 broadcast in French, sign off including frequencies at 1156, then no audio just carrier until 1159. At 1159, IS followed by sign on in Korean with ID at 1200-1202. Good signal, // 11735 fair-good signal and 15180 fair signal. 4/18/13. Also heard Voice of Korea sign off 1153-1156 of French language program. At the very end you can hear the female announcer say, "Au voir ici Pyongyang" followed by audio silence but carrier on and then VOK sign on in Korean at 1200-1203 4/19/13. (Handler-IL)
- 12710 **ARGENTINA 11710. Radiodifusión Argentina al Exterior** (English Service) *0200Z speaking of damage to several key cities from recent flooding. Excellent strength ! 04/06 RIPPEL, VA
- 12715 **VATICAN Vatican Radio**, 1600 . Heard with clear IS over weak KJES before the hour, into M and (pres) ID on the hour. M after the hour. Listed Armenian, but reception so weak not able to confirm other than via the IS . 4/15 (Barton-AZ)
- 12730 **BELARUS. Radio Belarus**, 2146-2300* May 7, man announcer with talks in English hosting a music program. Music fanfare at 2200 followed by ID and news with a woman announcer. Closedown at 2256 with rap song until carrier terminated. Poor to fair. (D'Angelo-PA)
- 12735 **ZANZIBAR. ZBC** (presumed), 2049-2059* May 12, local music program hosted by a man announcer with talk in presumed Swahili. Off with short instrumental music before carrier cut. No sign off announcement. Poor to fair. (D'Angelo-PA)
- 12740 **INDIA AIR**, Panaji, 0323 in Dari, M anc and Bollywood mx, sigs to 30db and fair. 4/18 (Parker-PA)
- 12760 **CUBA RHC**, Quivicán, 0327 in SS with Raul Castro speech, less than enthusiastic applause and occasional tired cheering, typical 100db signal, exc. 4/18 (Parker-PA)
- 12780 **BRAZIL, R. National da Amazonia**, Brasília, 0331 in PP with lively anmts for upcoming music prgms, M with "National" ID. Huge 80-1 00dB signal and hi-fi audio, exc. 4/18 (Parker-PA)
- 12800 **RWANDA. Radio Deutsche Welle** - Kigali, man with news in English with ID followed by news features at 2105. Fair. (D'Angelo-PA)
- 12855 **MOLDOVA BBC**, via Kishinev-Grigoriopol, 0340 in Persian with talks, 40dB signal, f-g. 4/18 (Parker-PA)
- 12905 **SRI LANKA. Sri Lanka BC**, Ekala (presumed), 0247-0253. Hindi vocal music with short announcements by a man and a woman. Poor signal strength with fading. 4/8/2013 (Evans - TN)
- 12920 **GERMANY HCJB** Quito, via Nauen, 0027 in PP with W talking f/by accordion ballad. Sigs to 80db, outstanding audio fidelity. 4/17 (Parker-PA)
- 12955 **AUSTRIA. Adventist World Radio** - Moosbrunn, 2126-2129* May 5, caught woman announce rin English closing transmission followed by instrumental music until carrier terminated. Fair. (D'Angelo-PA)
- 12955 **ROMANIA RRI**, Tiganesti, 0024 in EE with talk about film festival. Pounding in with 1 00dB signal and excellent audio. 4/17 (Parker-PA)
- 12955 **ROMANIA Radio Romania Intl.** , 0155 . IS strong and clear .4/16/ (Barton-AZ)
- 12955 **AUSTRIA. Adventist World Radio** - Moosbrunn, 2126-2129* May 5, caught woman announce rin English closing transmission followed by instrumental music until carrier terminated. Fair. (D'Angelo-PA)
- 12985 **INDIA AIR**, Delhi, 0020 in Tamil with talks, good 60dB carrier but audio washed out by
- 12085 **MONGOLIA** presumed **V. of Mongolia** Ulaanbaatar 1041-1056* May 2; Slow, deliberate paced M announcer in listed JJ; bit of talk over mx at 1051 into ballad; pulled the plug at 1056; poor-fair at best. (Barbour-NH)
- 12759 **DIEGO GARCIA AFRTS/AFN**usb 1121-1141 music with announcer in between. 4/19/13. (Handler-IL)
- 13362 **GUAM. AFRTS**, Barrigada, 2207-2212. Two men talking in English. Threshold level signal with fading, audible approximately 40% of the time. 4/7/2013 (Evans - TN)
- 13605 **INDIA AIR GOS** via Bengaluru 2243 IS followed at 2245 with English language sign on by a male announcer and then into devotional music. Good signal slight him. 4/16/13. (Handler-IL)
- 13650 **IRAN. Voice of Justice** - Sirjan, 0344-0413 Apr 21, woman announcer with news in English followed by ID and commentary. Fair signal but deteriorating around 0410. //15470 (Kamalabad) was poor. (D'Angelo-PA)
- 13695 **INDIA AIR** via Bengaluru 1202-1216 at first in listed Tamil until 1215 sign off and then sign on at 1215 of the listed Telugu language broadcast. Good signal. 4/28/13. (Handler-IL)
- 13795 **CHINA JAMMER** Firedrake sign on with musical jamming targeting Radio Free Asia's Tibetan language broadcast scheduled from 1200-1400 GMT via IBB transmitter in Kuwait (RFA not heard). At 1154:54 GMT heard series of three time pips a second apart then two seconds where nothing could be heard followed at 1200:00 GMT with a longer and higher pitched time pip. Both the short run up pips and the on the hour time pip have the same style, pitch and sound as the time pips used by CNR-1 on the run up to the top of the hour. Following the time pips, Firedrake begins at about 1200:01 GMT. RFA was not heard. Poor signal. 5/2/13 (Handler-IL)
- 15200 **GUAM. KTWR**, Agana, 0946-0947. Talk by man and woman in Madurese (per schedule). Poor signal with some fading. 4/29/2013 (Evans - TN)

- 15215 **GERMANY Bible Voice**, via Wertachtal, 1734 in EE with old time hymns, mailbag, 40dB signal exc. 4/20 (Parker-PA)
- 15265 **PAKISTAN R. Pakistan**, Islamabad, 1741 in Urdu, M anc and interesting Pakistani mx, sigs t only 20 dB but still quite good. 4/20 (Parker-PA)
- 15275 **RWANDA Deutsche Welle**, via Kigali, 1753 in FF with talks, 50dB signal, exc. 4/20 (Parker-PA)
- 15300 **FRANCE RFI**, Issoudun, 1814 in FF with Bob Marley's "Buffalo Soldier", 40dB signal, exc. 4/2 (Parker-PA)
- 15310 **UZBEKISTAN. BBC**, Tashkent, 0341-0346. Talk in Farsi by man and woman. Joined briefly b a third reporter in the field. Poor to moderate signal strength with some fading. 4/3/201 (Evans - TN)
- 15315 **OPPOSITION V.O. Oromo Liberation Front**, Media Broadcast GmbH via Wertachtal, 1832-1900 in Hausa, talks with ments of "Botswana" and "Africa", SFX of disgruntled cow mooing f/b upbeat, rhythmic and very enjoyable indigenous mx. Ended with canned ED in Hausa, M over drums with "P.O. Box" address. 45dB signal, exc. 4/20 (Parker-PA)
- 15340 **AUSTRALIA HCJB** Australia via Kununurra 1228-1231 with Interval Signal followed by English language sign on. Fair-good signal 4/30/13 (Handler-IL)
- 15345 **ARGENTINA RAE**, 2350 . Latin music styles to TOH and ID by M in SS . Fair and good on peak: 4/14/ (Barton-AZ)
- 15400 **ASCENSION IS. BBC**, English Bay, 1955 in EE with "In The Balance", talk about capitalism v: communism. Off the side of the beam with a 40dB signal, exc. 4/20 (Parker-PA)
- 15450 **TURKEY V o Turkey** at 1240 UTC., in English. News read by a woman followed
- 15505 **BANGLADESH. Bangladesh Betar**, 1423-1430* Apr 20, local vocals until woman announcer i listed Urdu language closed down the broadcast with ID and announcements. Poor. (D'Angelo-PA)
- 15505 **BANGLADESH Bangladesh Betar** via Dhaka Interval Signal 1358:00 and sign on in Urdu a 1400:41 GMT. The 1400 GMT Time pips finished at 1359:41 GMT instead of 1400 GMT. Audi hum good signal otherwise. 4/22/13. (Handler-IL)
- 15505 **BANGLADESH Bangladesh Betar** via Dhaka Interval Signal at 1513:56 and then sign on a 1514:41. The time pips for 1515 GMT were early and end at 1514:41 GMT. on 4/22/13. (Handler-II)
- 15540 **USA R Taiwan** at 2212 UTC. U., via WYFR, in English. Report on a
- 15540 **KUWAIT R.Kuwait** at 1902 UTC, in English. Kuwait's cuisine.
- 15570 **VATICAN Vatican Radio** 1729 Interval Signal and 1730 sign on in English via Santa Maria Galeria the Vatican. Fair signal. 5/2/13 (Handler-IL)
- 15725 **OPPOSITION Radio Dabanga** via Santa Maria Galeria, the Vatican targeting the Darfur regio 1602 program in progress Arabic with a male presenter speaking to a male guest. At 1603 musical bridge to a male announcer speaking. Fair signal. 5/19/13 (Handler-IL)

Thanks for the logs. Now that we are in thunderstorm season remember to disconnect antenna.

73's Dave

NASWA Flashsheet

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

On the Shortwaves

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

< www.ontheshortwaves.com > Update, April 21, 2013 -- It was the 1970s when clandestine stations became prime targets for DX listening. Over the years within the DX community there had been some material published on clandestine stations, usually about particular stations or about clandestine broadcasting generally during World War II and after. Comprehensive and timely information on which to base DXing was still scarce, however, until 1971, when two valuable items were published. One was "Clandestines--The Political Voice of Radio," an article by Bill Matthews which appeared in the 1971 issue of the WRTH annual, *How to Listen to the World*. It presented a survey of clandestine broadcasting activities past and present. The other was Larry Magne's "Broadcasting Stations of Exile, Intelligence, Liberation and Revolutionary Organizations," which presented information on all the then-current clandestines in a WRTH-style format. We have posted both of these items under "DX History/Lists, Logs, Guides & Columns." Thanks to Bill Matthews, Larry Magne and WRTH for permission to share this material via ontheshortwaves.com. -- Also this time, under "Specialized Resources," "Wavescan": "Australian States on Shortwave-7: Tasmania" (April 14, 2014), and "100 Years of Wireless and Radio in Bulgaria-5: The Russian Era" (April 21, 2013).

< www.ontheshortwaves.com > Update, April 28, 2013 -- In several articles which are posted under "Specialized Resources," "Wavescan" (Nov 20, 2011; Nov 4, 2012; Nov 18, 2012), Adrian Peterson details the several "Radio Free Asia" stations that have existed over the years. The "second" RFA, actually called Radio of Free Asia, is covered in the November 4, 2012 ed. of "Wavescan." ROFA was a project of the Korean Cultural and Freedom Foundation, and was active from 1966 to 1978 over various Far East transmitters. Under "DX History/Stations," we have posted an ROFA newsletter that appears to date from early 1973. (Note the references to the apparently still-imprisoned John McCain.) On the "DX History" page, under "Philately," you can find an image of an ROFA "cinderella" stamp; and under "QSLs and Other Station Memorabilia" you can find an ROFA commemorative medal. -- And under "Specialized Resources," "Wavescan," another article from Adrian Peterson, "Radio Broadcasting in the Land of the Mountain Lion-3: The Shortwave Station in Sierra Leone Meets its Waterloo" (April 28, 2013).

< www.ontheshortwaves.com > Update, May 5, 2013 -- The German stations have been among the best at designing QSL-cards and changing them from time to time. Two examples: Bayersicher Rundfunk, Munich, and Sudwestfunk, Baden-Baden. In the "CPRV QSL Gallery" we have posted a compilation of QSLs from these two stations.

< www.ontheshortwaves.com > Update, May 12, 2013 -- In the past, under "Specialized Resources/DX Newsletters," we posted a 1949 copy of Ken Boord's "Flash Sheet" newsletter. It morphed into the "World At A Twirl Flash Sheet" circa 1955, and the "DXing Horizons Flash Sheet" in 1960 when Boord affiliated with *DXing Horizons* magazine. Boord became ill in 1962, whereupon one of the Flash Sheet members, George Cox of New Castle, Delaware, stepped in to continue the Flash Sheet, whose name he changed to "DX Bulletin Board." We have posted a few copies of "BB" under "Specialized Resources/DX Newsletters." "BB" closed down by the end of 1962. -- And under "Specialized Resources," "Wavescan," another entry from Adrian Peterson: "American States on Shortwave: Washington, DC--Memories of an Eclipse" (May 5, 2013).

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