

# The **NASWA** Journal

VOLUME XLVI NUMBER 5

MAY 2006

## Amalgamated Wireless (Australasia) Limited

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20th August 1933.

E. W. Gearhart Esq.,  
1811 Prospect Ave.,  
SPRINGFIELD...OHIO...U.S.A.

Dear Mr. Gearhart,

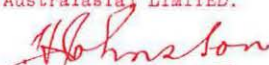
9th August We thank you for your letter of the last, telling us about your reception from this Company's Short Wave Experimental Station, VK3ME, Melbourne.

We are very glad to know that you can tune us in so well, and we are pleased to be able to give you a verification. An examination of our Studio records shows that the items you enumerate were actually transmitted on the date and at the hours you state.

We hope you will enjoy regular and satisfactory reception from us.

Yours faithfully,

AMALGAMATED WIRELESS (Australasia) LIMITED.

  
H. JOHNSTON.  
Engineer.

HJ/TE.

# Quality Equipment From Universal Radio

## RFspace SDR-14

The RFspace SDR-14 is a 14-bit software defined radio receiver, offering a broad range of spectrum analyzer and demodulation capabilities. The hardware samples the whole 0-30 MHz band using a sampling rate of 66.667 MHz. The digital data from the ADC is processed into I and Q format using a direct digital converter (DDC) and is then sent to the PC for processing using a USB 1.1 interface. All of the demod and spectral functions are done on the PC side. Supported formats include USB, LSB, AM, FM, WFM, CW, CWr and DSB. Filter bandwidths are continuously adjustable. DRM is now supported via special demod mode using third-party software (DREAM) by routing the demod audio through the mixer control. The SDR-14 supports high resolution spectral captures using up to 262144 point FFTs. The maximum spectral display width is 30 MHz simultaneously. One of the most exciting features of the SDR-14 is the ability to record band segments of any band to hard drive in real time. This is done at a rate of 52GB/day for a 150 kHz wide segment. The stored file contains everything that happened in that segment of the band for the duration of the recording. The fidelity of the file is superb with over 96dB of dynamic range. The recording can be played back at any time with full tunability and choice of modes. The recording can also be analyzed for hidden signals and carriers. The SDR-14 comes with AC power supply, USB cable and computer CD. Visit the Universal website to view screenshots, spectrograms and complete specifications.



Order #0014 \$1099.95

## ICOM PCR1500

The Icom PCR1500 wideband computer receiver connects externally to your PC via a USB cable. This provides compatibility with many computer models, even laptops. Incredible coverage is yours with reception from 10 kHz to 3300 MHz (less cellular gaps). Modes of reception include AM, FM-Wide, FM-Narrow, SSB and CW, (CW and SSB up to 1300 MHz only). The PCR1500 comes with an AC adapter, whip antenna, USB cable and Windows 98SE/ME/2000/XP™ CD.



The Icom R1500 is similar to the above, but also includes a controller head for additional operation independent of a PC.

Order #1501 \$699.95

## IC-7000

The ICOM 7000 represents the next generation in all-mode HF/VHF/UHF transceivers. DSP at the IF level is the cornerstone of this impressive new multi-bander. In fact, the 7000 employs two DSP chips to work its magic. Imagine having 41 bandwidths available - standard! You can even select sharp or soft filter shape. And variable twin PBT allows you to either narrow the IF passband, or shift the entire passband to eliminate QRM. The IC-7000 has an incredibly versatile and capable shortwave receiver. It would be difficult to find a more impressive receiver in such a small package. Yes, there is tremendous power "under the hood", but the radio is also downright gorgeous. The 2.5 inch (diagonal) color TFT presents numbers and indicators in bright, concentrated colors for easy recognition. You can choose from three background colors and two font styles. Not only does this display provide radio status, but it also supports a two-mode band scope. In the Center Mode the scope is centered on the receiving frequency. In the Fixed Mode the scope sweeps a fixed range. The Digital Voice Recorder (DVR) function has a front panel REC control that allows you to record incoming signals for up to 25 minutes. Other features include: a detachable control head (requires optional separation cable), 503 memories, S/PWR/SWR meter, RIT, Preamp, RTTY Demodulator, Attenuator, Bass & Treble, adjustable SSB bandwidth, DTMF memory, VOX, full break-in and adjustable CW pitch. Requires 12 VDC at 22 amps for transmit but only 2 amps for receiving.



Order #0700 \$1499.99

## GRUNDIG YB-550 PE

The incredibly attractive Grundig YB-550PE combines form and function to offer an excellent shortwave experience. Six tuning methods are available to make tuning the bands easy and quick. Enjoy AM, FM, FM Stereo (to earphone jack) and full coverage shortwave from 1710-30000 kHz. Direct keypad frequency entry is possible or Up/Down tuning is available to surf the bands. A bar-graph tuning meter puts you exactly on frequency. 100 memories store your favorite stations. The built in clock can wake you to the radio audio or a buzzer. The large backlit LCD shows time and frequency. Comes with a carry case. 3.5 x 5.75 x 1.375 inches 10 oz. (The PPI040 AC adapter is optional order #2419 \$14.95)



## PAR ELECTRONICS EF-SWL



The Par EF-SWL is an end-fed short wave antenna optimally designed for 1-30 MHz reception. The radiator is 45 feet of genuine #14 gauge black polyethylene coated Flex-Weave wire (168 strands of #36 gauge wove copper). This material is very strong yet can easily be coiled like a rope for portable work. The UV resistant matchbox houses a wideband 9:1 transformer wound on a binocular core. Unlike other transformers, external stainless studs on the matchbox allow the user to configure the primary and secondary grounds for best noise reduction at their particular location. Output is via a silver/teflon SO239 connector.

Par EF-SWL Order #2205 \$57.95

## PAR ELECTRONICS BCST-HPF & BCST-LPF

The Par BCST-HPF is designed to help shortwave listeners cope with interference from AM stations. This 7 pole elliptic high pass filter passes 1.8 to 200 MHz and notches out 0-1.7 MHz. The housing has SO-239 jacks for input and output and also has a toggle type bypass switch. Made U.S.A.



BCST-HPF Order #4426 \$58.95

The Par BCST-LPF is designed to help long wave DXers cope with interference from nearby AM stations above 540 kHz. Stop band is 540 kHz to 300 MHz. The housing has SO-239 jacks for input and output and has a bypass switch.

BCST-LPF Order #1143 \$58.95



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# NASA Notes

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

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We begin this month with some updated news from Awards Program Manager, **Gary Neal**: "I have now learned that the Country List Committee has a policy for counting pirates. Pirates with a known location should be counted as a broadcast station from that location provided they intend to be heard by a general listening audience. **Don Jensen**, Chairman of the Country List Committee, will have a complete article about it in the *Journal*." Thanks Gary, Don and the Country List Committee for a quick resolution of this issue. Don's article appears in this month's *Journal*.

**Alan Johnson** is the newest member of the club's Executive Council replacing a retiring **Fred Kohlbrenner**. Thanks Fred for the many years of service to the club in numerous editorial capacities and as a member of the club's Executive Council. Alan Johnson has been our *Equipment Review* editor for many years. Executive Council positions are held by active staff members of the club. Thanks again to Fred for serving the club in numerous capacities over the years and welcome aboard to Alan.

More bad news on the shortwave radio frontier. **Doug Weber** and **Allen Graham** announced on the *DX Partyline* that HCJB in Ecuador will close down its English shortwave broadcasts as of 1330 UTC on Saturday, 6 May 2006. HCJB, and the *DX Partyline*, was a frequent first station and QSL for many long time shortwave listeners. A final decision has not yet been made about the future of the *DX Partyline* after the closure of HCJB's English shortwave broadcasts. The program also airs from HCJB Australia, WWCR and WRMI. It is most likely that this decision will be made before the close of the English service over the *DX Partyline*.

**Jeff White** of WRMI and the National Association of Shortwave Broadcasters (NASB) re-

minds us that the 2006 National Meeting of Mexican DXers will be held 28-30 July 2006 in the city of Ascension, in the state of Chihuahua in Mexico. Chihuahua is the largest state in Mexico and it borders the US. Ascension is only a couple of hours drive from El Paso, Texas. The organizers are hoping to have a number of shortwave listeners from the US in attendance. Language is never a barrier as many attendees speak English. Jeff will be there representing the NASB. For more information you can go to the WRMI website ([www.wrmi.net](http://www.wrmi.net)) and click on "Mexican National DX Meeting."

The Danish Shortwave Club International (DSWCI) has announced the availability of *The Domestic Broadcasting Survey 8 (DBS-8)*, edited by DSWCI Chairman **Anker Petersen**. DBS-8 covers all active stations in the tropical bands, 2300 to 5700 kHz. Also, it covers domestic stations on the international shortwave bands above 5700 kHz broadcasting to a domestic audience. All active clandestine shortwave stations are listed with schedules and identification information. The latest survey is based upon many official sources, DX bulletins and the club's international band of monitors. All buyers of the DBS-8 will get a username and password to monthly updates on the tropical bands published as the *Tropical Band Monitor* available on the club's website ([www.dswci.org](http://www.dswci.org)). The 40 page A-4 sized DBS-8 is available by e-mail in PDF-format. A limited number of printed copies are also available. The e-mail edition costs US\$7.00, EUR 5,00 or 5 International Reply Coupons (IRCs). The limited printed edition costs US\$12.00, EUR 10,00 or 10 IRCS. Order direct from the club treasurer at DSWCI, c/o Brent Nielsen, Egekrogen 14, DK 3500 Vaerloese, Denmark. Historically, this has been one of the best monitoring products available to shortwave listeners/DXers. I anticipated having a review available shortly on the current edition.

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
OUR MOTTO IS - "UNITY AND FRIENDSHIP"

There are two radio programs from Radio Japan helping the DSWCI celebrate its 50<sup>th</sup> anniversary in May. The first special radio program will be broadcast over Radio Japan several times during the club's DX Camp on the weekend May 06-08 as a part of the weekly English program "World Interactive" hosted by **Ms. Kay Fujimoto** and **Mr. Ryan Drees**. During their ordinary 50 minutes program, there will be a seven minute phone interview with **Anker Petersen**, the Chairman of the DSWCI. The second special radio program will also be broadcast over Radio Japan in "World Interactive". During the weekend May 27-29 Japan SW Club is airing "DX Information" compiled by **Toshi Ohtake** who will report from the jubilee celebration in Vejers. Correct reception reports on the interview and/or the "JWSC DX Information" broadcast on these two weekends are going to be verified later on with a new special QSL card from the DSWCI. Reception reports can be sent to: **Anker Petersen**, Udbyevej 11, DK 2740 Skovlunde, Denmark, or to the DSWCI HQs. The club requests inclusion of one International Reply Coupon, one Euro or one U.S. dollar to cover postage.

A reminder that the first edition of a new print publication, *Shortwave Broadcasts To Australia and New Zealand*, is available from **Robert J. Padula**, 404 Mont Albert Road, Mont Albert, Victoria 3127, Australia. This is a replacement for the *Australasian Shortwave Guide* that was last published in November 2005. With several hundred entries, it provides comprehensive information of shortwave broadcasting schedules to Australia and New Zealand for broadcasts in all languages. Although the primary market is Australia and New Zealand, others may find it a useful reference. For mailing to countries outside Australia send US\$5.00 / 5 Euro / 3 British Pounds / A\$5.00 (cash, 5 international reply coupons, Australian mint stamps to the value of A\$5, international bank transfer, international bank draft, PayPal) to Bob Padula at the above address.

As we head into the spring months, don't forget that there is still a lot of action 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 each week. It is now time for you to get on the distribution list for the club's electronic *Flashsheet* to stay up-to-date. The changing DX conditions will bring different and new listening targets. The club's electronic *Flashsheet* helps members stay on top of the action with breaking shortwave news and information. 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 **Ray Bauernhuber**, DXRADIO@webtv.net. Each week the electronic *Flashsheet* brings a lot of exciting, late breaking DX news and information to our members. The electronic newsletter is an excellent supplement to the monthly *Journal* for the timely dissemination of DX loggings and breaking news. This is a service that is only available to our members. Deadlines are posted in the *NASWA Flashsheet* each week. Let's keep Ray busy!

Please remember to direct all communications about subscriptions, bulletin delivery issues, Mother's Day present ideas, the use of PayPal as a payment method, etc. to Bill Oliver at the club's Levittown address or to his electronic address, weoliver@comcast.net. The regular postal address is the familiar 45 Wildflower Road, Levittown, PA 19057. Inquiries sent to Wyomissing only slow down the process. Thanks!

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

Visit the new **NASWA Loggings Database** at [www.naswa.net/logs/](http://www.naswa.net/logs/). It contains loggings from November 1998 to the present.

## Calendar Of Events

- May 4-7, 2006 50<sup>th</sup> Julilee DX Camp and Convention.** The **Danish Shortwave Clubs International (DSWCI)** will hold its **50<sup>th</sup> year Jubilee** with a DX Camp and AGM on 4-7 May 2006 at the beach resort of Vejers near the westernmost point of Denmark at the Scout camp. The DSWCI is preparing a large program of activities which include: a DX-Camp from Thursday afternoon throughout till Sunday morning; a cultural tour on Friday to the town of Varde including an Danish painting exhibition; various historical exhibitions and publications about the DSWCI are planned; the Annual General Meeting Saturday morning; some of the founders and old-timers will be invited; various DX-related lectures Saturday afternoon; special DX-broadcasts and a Jubilee Dinner Saturday evening. Participation fee is DKK 500,00 or EUR 70,00 to use the facilities. Participation in just the AGM is free. The club is looking to complete registration and payment of fees by 10 April 2006. Non-member DXers and broadcasters are welcome.
- May 19 Meeting. Philadelphia Area NASWA Chapter.** Kulpsville Holiday Inn, Kulpsville, PA at 7:30 PM. For more information contact Dan Cashin at 610-446-7831 or Internet: dcscckp@aol.com.
- May 19 Meeting. Boston Area NASWA Chapter.** The Boston Area DXers have found a new location for meetings. Inquiries about the BADXers may be sent to Paul Graveline at 978-470-1971 or Internet: ctcreditor@aol.com. The URL for the BADX guys is <http://www.naswa.net/badx/>
- May 27 Meeting. Reading (England) International Radio Group** meetings will be held in Meeting Room 3, Reading International Solidarity Centre, 35-39 London Street, Reading from 2.30 p.m. to 5 p.m. Further information is available from Mike Barraclough mikewb@dircon.co.uk or phone 01462 643899.
- Jun 10 Meeting. The Cincinnati/Dayton Monitoring Exchange (MONIX)** meets at the Lebanon Citizens' National Bank (LCNB), 425 West Central Avenue (Ohio 73), Springboro, Ohio at 7:00 PM. For more information contact Mark Meece at 937-743-8089 or e-mail at <antennapig@siscom.net>. For additional information about MONIX, check out their web site at <<http://www.siscom.net/~mmeece/monix.html>>
- Jul 28-30, 2006 Convention.** The DX Clubs of Mexico holding its **12<sup>th</sup> National DX Meeting, "Ascension 2006"** 28-30 July 2006 in the city of Ascension in the state of Chihuahua in Mexico. For more information you can go to the WRMI website ([www.wrmi.net](http://www.wrmi.net)) and click on "Mexican National DX Meeting." Jeff White will be there representing the National Association of Shortwave Broadcasters.
- Jul 29 Meeting. Reading (England) International Radio Group** meetings will be held in Meeting Room 3, Reading International Solidarity Centre, 35-39 London Street, Reading from 2.30 p.m. to 5 p.m. Further information is available from Mike Barraclough mikewb@dircon.co.uk or phone 01462 643899.
- Aug 19, 2006 2006 Madison-Milwaukee Radio Get-together.** The **13<sup>th</sup> Annual Madison-Milwaukee Get-together for DXers and Radio Enthusiasts** will take place in Milwaukee, WI on Saturday August 19, 2006, with Tim Noonan hosting. Please contact Tim at [dxing2@aol.com](mailto:dxing2@aol.com) for additional information Further information will appear in the *Journal* as the event draws near.
- Sep 1-3, 2006 Convention. The National Radio Club and the DX Audio Service** will hold their annual convention at the Best Western in Akron, Ohio on 1-3 September 2006. Room rates are \$68.00 per night. More information to follow.
- Oct 19-22, 2006 Convention. European DX Council (EDXC) Conference** in St. Petersburg, Russia on 19-22 October 2006 hosted by Tibor Szilagyi <[Tibor.Szilagyi@ovako.com](mailto:Tibor.Szilagyi@ovako.com)> It will be held at the State Educational Centre of Russian Atomic Energy Agency

ROSATOM in Saint Petersburg, Aerodromnaya street No. 4, 197 348. There is a hotel at the Conference Centre with rooms costing EUR 46.00 / night or \$54.00 / night, including breakfast. If you have questions please do not hesitate to contact Tibor Szilagyi.

**Mar 9–10, 2007 Convention.** The **20<sup>th</sup> Annual Winter SWL Festival**, sponsored by NASWA, will be held at the *Best Western—The Inn at Towamencin*. The 20th Annual Winter SWL Festival, sponsored by NASWA, will be held at the Best Western - The Inn at Towamencin on 8<sup>th</sup>, 9<sup>th</sup> and 10<sup>th</sup> March 2007. Join us for this 20<sup>th</sup> anniversary extravaganza in the DX Mecca. Richard Cuff and John Figliozzi co-chair the organizational committee. Although it is early, you don't want to miss this special FEST event. There are a lot of special arrangements being made for this special occasion. See you there!

**Mar 7–8, 2008 Convention.** The **21<sup>st</sup> Annual Winter SWL Festival**, sponsored by NASWA, will be held at the Best Western - The Inn at Towamencin on 7<sup>th</sup> and 8<sup>th</sup> March 2008. Richard Cuff and John Figliozzi co-chair the organizational committee. Although it is early, you don't want to miss this special FEST event. See you there!

Members are invited to submit items to be included in this calendar to Rich D'Angelo (Internet: rdangelo3@aol.com) or Ralph Brandi (Internet: ralph@brandi.org).

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## Musings

*This column provides a forum where members can express comments, ideas, and thoughts about NASWA or the SW radio hobby. Please feel free to comment on anything presented this month (or previous months). Opinions expressed here are solely those of the submitters. Please submit all Musings to Richard A. D'Angelo, 2216 Burkey Dr., Wyomissing, PA 19610 or via email: rdangelo3@aol.com.*

**Stephen Wood <hauula7@msn.com>, 15 Sheridan Road, South Yarmouth, MA. 02664**

Recently my mother decided to cash in on a ridiculously hot real estate market and sell the family beach house here on Cape Cod. Being one of two family members living in the area it fell to my wife and I to do most of the cleaning, packing and general tasks associated with moving. During the late eighties and early nineties I had lived in this house just after getting out of the army. While emptying the attic I discovered a box that I had left there over 12 years ago. In this box were several old logbooks and vintage issues of FRENDEX, including the first issue I had ever received from December 1972. It was certainly a different world back then.

As you could imagine the shortwave scene was quite different in 1972. Al Sizer was the new editor of the shortwave center, the hot logging was of Portuguese Timor on 3668, Venezuelans and Indonesians were everywhere on 60 meters, 17 pages of loggings and over 50 reporters. QSLs were coming from Latin America and Africa in 2 weeks. There was even a photo of Jim Ronda on the back page. I guess that this could be called the good old days of DXing.

When you compare the conditions in 1972 to today's we see a vastly different world. Different but not necessarily better or worse. Sure back then you had hundreds of local broadcasters in the tropical bands from all over the world. Most of these stations are gone today and the tropical bands are pretty empty. Who would have thought that you would miss Ecos del Torbes on 4980. Cold war propaganda broadcasts that dominated much of the shortwave spectrum are gone. Some of the stations are still around with much reduced operation. Now we are seeing a proliferation of dissident and fringe political broadcasts and religious organizations being relayed from high powered transmitters. Commercial transmitting companies in Europe, Deutsch Telekom, Virgin and Russia among others are now

selling air time to a wide spectrum of broadcasters. Can anyone count the number of Ethiopian dissident groups that have broadcast over shortwave in the past 5 or 6 years. More political groups, religious organizations and many others are now getting their messages out to the world via shortwave than have ever before. The cold war propaganda that was the bread and butter of shortwave broadcasting has been replaced by a new more diversified discourse. Hopefully this trend will continue as more of these groups seek to gain more legitimacy for their particular causes. Of course the 800 Lb gorilla still remains the internet. For now it seems that some of these groups are using both the internet and shortwave to get their messages out. Financially it is more economical to use the internet to influence people and opinions. The advantage for shortwave is in its ability to reach regions with limited or no internet capabilities. This is especially true in third world countries, thus the plethora on Ethiopian, Eritrean, Sudanese and other African dissident political organizations using the medium today. This should continue and hopefully spread to other areas. Shortwave could be used extensively for special events broadcasts also, i.e. international conferences, sporting events or commercial expositions. Old stations go and new ones come, albeit at a slow pace. Transmission centers are consolidated, downsized and rented out. It's a new world for us SWLs. One that we'll have to live in. All we can do is just try to keep a positive attitude and look forward to the new things that will be in the future for shortwave radio.

Regards, Steve

**Eric Bueneman (N0UIH) <N0UIHEric@aol.com>, 631 Coachway Lane, Hazelwood, MO 63042-1347**

In looking through the March 2006 Journal, I found one quote from Kim Andrew Elliott that I have an issue with. It's the quote that "broadcast signals will be perfect" in reference to digital audio broadcasting. We have seen (and heard) with DRM and IBOC that digital signals are not perfect, never have been perfect, and never will be perfect if they're transmitted via terrestrial means. Digital audio quality doesn't improve very much when it is transmitted via satellite; I took a listen to the BBC on Sirius Satellite Radio at Radio Shack; it sounds like an Internet radio station fed through a computer with a dial-up modem and 528 kilobits of memory. Terrestrial digital audio broadcasting sounds like an Internet radio station fed through a computer with dial-up modem and 128 kilobits of memory. Digital radio cannot effectively be transmitted via terrestrial means; we really should be fighting to preserve the only type of broadcasting that can effectively be transmitted via terrestrial means: analog. The problem is NOT at the transmission source, but at the receiving source. Freescale, the semiconductor division of Motorola, has come out with the Symphony chipset, which converts analog signals to digital format without any investment in new equipment on the part of the station. It's time shortwave, medium wave and FM broadcasters give up on digital audio broadcasting.

73, Eric (N0UIH)

**Toshi Ohtake <ohtaket@yahoo.com>, Tokyo, Japan**

Radio Japan DX Corner will be aired in the new program titled World Interactive from April as the Hello from Tokyo program was terminated. New program will be hosted by Ms. Kay Fujimoto and Mr. Ryan Drees who have been news casters of Radio Japan. First DX Corner in the new program will be aired on 3rd weekend, starting 15th of April, covering report from Winter SWL Festival held at Kulpville, Pennsylvania, USA. The second program will be aired on the 5th weekend, starting 29th of April, covering the interview with Mr. Jerry Berg of USA, who wrote a book titled "On the Short Waves, 1923-1943." He is also a Chairman of CPRV, the Committee to Preserve Radio Verification. Starting from May, DX corner will be aired every 2nd and 4th weekend of the month.

The Winter SWL Fest was held at Kulpville, PA on March 3 and 4th. With participants of about 170 from 6 countries and 3 continents and 21 states of US, it was fun time for all participants. Thank you again for the tremendous efforts made by Richard Cuff, John Figliozzi and their Fest team for another success of the Festival which will celebrate 20th anniversary next year.

Radio Saint Helena revival: In order to support the RSH revival project lead by Mr. Robert Kipp of Germany, we have started donation project here. We are hoping the revival will be materialized sometime in the near future.

This is all for this month. Wish you good DXing!! Toshi

**Errol Urbelis, 563 Meadow Road, Kings Park, NY 11754-5009**

I am looking forward to meeting fellow DXers (or phone QSOs) from the Long Island Area. So far the only contacts I had was with Mike Branco in Deer Park and Enrico Oliva in East Northport who I met on several occasions. There are 3 million people on the Island and I'm sure there are more SWLs out there. I have tried through NASWA several times, but, alas no luck at all.

I was wondering how many members enter the CRI quizzes that they send you with the Messenger. Everyone I talked to always seems to be in third place, hi, hi.

I am looking for a Audiovox FRS1000 with NOAA frequencies. I can't find it anywhere in the catalogs, stores and even Audiovox itself. Great little radio to use as an intercom.

Just picked up a Sony ICF-SW 7600GR for my 18th shortwave radio. It works real fine with the sync bringing back memories of the 2010. It's like an obsession. I keep looking for more!

If anybody would like to exchange DX tips, etc., they can reach me at home phone number 631-269-5913 or my mailing QTH/QRA.

73s, Errol

**Eric Swedberg <shipwreck@aracnet.com>, 1633 SE Main, Portland, OR 97214**

A year ago, my home burned courtesy of an arsonist, severely damaging my collection of SW pennants and stickers. Last fall I placed a plea in Musings for any pennants available for trade or sale. I'd like to thank NASWA member George Glotzbach of Minnesota for giving me a selection of stickers, very kind of you.

**Richard E. Lawrence, wdx1qy, 28 Carl Drive, Tiverton, RI 02878**

Just a small donation for the Radio St. Helena Fund. Great effort and cause. Radio has been pretty good here, but QSLs ever so slow. Did receive a nice card and letter from Radio San'a in Yemen for a follow up report sent by registered mail. This was a new country QSL'd. Thanks again for your efforts with the club.

73, Richard

**John Callarman <JohnCallarman@msn.com>, 301 W. McCart St., Krum TX 76249**

I have recently rejoined NASWA after probably 20 to 25 years of lapsed membership. I've had a latent interest in SWBC, but am finding the bands to be far different from what they were when I last had a measure of familiarity with them.

I'd like to add the NASWA Flash Sheet to my resources as I try to relearn the bands. I'm in Krum, Texas, 35 miles north of Dallas-Fort Worth.

I began DX'ing in 1947, keeping a list of BCB stations heard ... turned to SWBC in 1950 when I discovered Ken Boord's old International Shortwave Column in Radio & Television News ... and among my teen-age contemporaries who contributed to Ken's column were Don Jensen and Gerry Dexter ... I edited one of the SWBC columns for the old Universal Radio DX Club back in 1958-59 ... but became primarily active in the National Radio Club from then on. I obtained a ham license in 1984 ... KA9SPA ... and have confirmed contacts with nearly 200 DXCC countries, mostly on 10 meters.

I have suddenly found a renewed interest in SWBC (can't guarantee how long it'll last) but I'm trying to familiarize myself with the bands, one band at a time, starting with 31 meters. My first order of business is to take the band survey approach, armed with Passport and WRTH, plus readouts from the ILG website for the A-06 schedules and Glenn Hauser's DXLD for up-to-date material. I've sent a few loggings, mostly routine, I've thought, to the ABDX list and have been surprised that Glenn has picked up on a few of them.

I'm not sufficiently confident in my current knowledge of the bands to realize what's routine and what's out of the ordinary, but I have been impressed with the strength of some of the signals I found just before the B-5/A-6 changeover up to a couple of nights ago.

I'm submitting a few results to Ray Bauernhuber, with the expectation that you/he, as flash sheet editor, will cull the chaff and, if there's any helpful wheat, share it with the others.

I am a retired newspaper editor (for 19 years) and broadcast newsman for 25 earlier years, mostly in small markets, spending the last 30 years of my working life in Mt. Vernon, Illinois. My wife, a schoolteacher, and I retired in 2000 and moved to her home town, Krum, Texas, where I have volunteered to cover the city council and school board for a relatively new weekly newspaper. I also write a weekly column, sometimes satirical in nature, as "The Krumudgeon."

My equipment is fairly simple...an NRD-525 and an 80-foot inverted L...and I do have a couple of ham transceivers that I could experiment with...the ICOM 745 and the 706.

I have a long-time appreciation for the many volunteers who have shared their time and efforts to make information available to participants in this hobby...and I do remember your name from my past membership in NASWA...Thank you for all you continue to do.

John

**Jim Renfrew <renfrew14422@yahoo.com>, 6988 Bank Street Road, Byron NY 14422**

I've been trying to organize a box of loose QSLs that have been on the shelf for quite a few years. Some of these stations were widely believed to be transmitting from certain locations, but I no longer remember those details. Can anyone help me with either known or suspected transmitter locations? Thanks!

Voice of the Libyan People SEP 16 & NOV 10 1989 My note says "Chad?"

Radio Yugoslavia JAN 24 1997 Bijelina or Stubline?

Radio Prague JUL 29 1984 5930 site?

Radio France SEP 1 1991 17690 which site in Hungary?

Southwest Radio Africa 6145 MAR 24 2005 Broadcasts to Zimbabwe, from which site?

Radio Venceremos 6659 kHz, MAR 19 1988 Has this been proven to be an El Salvador transmitter?. My notes say "Morazon"

La Voz del CID, 9940 kHz, SEP 10 1987 The 11700 broadcast was from Radio Clarin. I seem to recall speculation that this 9940 might have been transmitted from Guatemala or Costa Rica. Anyone remember?

British Forces Broadcasting 7125 kHz to "The Gulf", AUG 22 1990 - my notes say "Oman". Was this correct?

Commando Solo II 8699 kHz, OCT 17 2002, overflight to Afghanistan? Is this considered Afghanistan airspace, or Diego Garcia, or what?

Islamic Republic of Iran Broadcasting 9022 kHz, MAR 16 1985, this was a long-time frequency in use, any idea of the transmitter site?

Radio Iran, JAN 9 1988, this was believed to be from Egypt, I think?

**Joe Wood <joekennethwood@usa.net>, Greenback, Tennessee**

I just received a very nice personal thank you letter for a reception report sent to Deutsche Welle last month. The letter was from Margot Forbes from the "Mailbag" program and included a key chain, program guides and a station sticker.

In my letter to them I asked about beaming some programming towards North America. Their reply was to try for the broadcasts aimed at Africa. I am very happy that DW took the time to reply and address my questions, even if the answer wasn't what I was looking for. Interestingly, DW also airs some of its programming via WYPL FM on 89.3 in Memphis, TN. In her letter, she also stated that Marco Vollmar is now the head of the English and German Service as DW.

Maybe, if more SWLs took the time to write and request more English coverage, the stations might take notice. Obviously, DW takes the time to read and respond to listeners concerns. I also received a similar letter from RDP a few months back.

73, Joe

**Jim Evans <evans.j.w@att.net>, Germantown, TN**

A small number of African stations were monitored on the night of 4/19 (UTC). African reception in the 0200-0500 UTC timeframe has been almost non-existent this year here in the Memphis, TN, area. It seems to be the worst of all sunspot cycle lows experienced since I started listening in 1960. Surprisingly, the R8B's superior sync reception enabled it to beat the RX-340 on these signals. Not normally the case.

**Jim Renfrew <renfrew14422@yahoo.com>, 6988 Bank Street Rd, Byron, NY 14422-9702**

It was interesting that I received this e-response from AIR today after yesterday's comment that AIR never responds to e-reports. Of course, it barely qualifies as verification in that it only acknowledges receipt of my e-message. We shall see if the promised verification arrives in the mail. In any event, here's a name of a person who looks at these messages.

"Dear Sir, Many thanks for the reception report. It will be acknowledged after verification. You may send reports through on-line submission facility available on our website [www.allindiaradio.gov.in](http://www.allindiaradio.gov.in). with best regards, Yours Sincerely, (Sunil Bhatia), Dy. Director (Engg.), Spectrum Management & Synergy Division, Directorate General: All India Radio, # 207, Akashvani Bhawan, New Delhi-01, website: [www.allindiaradio.gov.in](http://www.allindiaradio.gov.in)"

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

I have entered a few of the China Radio International quizzes that Errol Urbelis talked about in his musing this month. They always send something interesting although my view of interesting and my wife's view of interesting do not always coincide, hi! Nevertheless, they are easy to enter and if you are connected to the Internet, dirt cheap to enter because most are available online.

Tuned to some former East bloc countries transmissions recently to see what their programming was like. Two out of three just didn't cut it. Radio Bulgaria and Radio Tirana could use a make over. Radio Budapest, thanks to the Insight Central Europe program, was pretty good. Albania quickly responded via e-mail to a reception report.

I'll be attending the US DRM Group meeting at AWR Headquarters in Rockville, Maryland in May. The next day the National Association of Shortwave Broadcasters will hold their annual meeting. I plan to attend that one too. I hope to have an interesting report with some pictures for the Journal in June. Last year's DRM meeting was quite interesting and informative.

A nice collection of QSL returns this month. Radio Tirana responded overnight with an e-mail reply from the head of their monitoring center, Drita Cico. She seems like a nice person requesting further reports and promising a postal reply from the station. I was pleased with the reply from TIFC - Lighthouse of the Caribbean. All India Radio verified their Itanagar site for me which had been a hold out. Iran's Zahedan site on 3,945 kHz verified but without indicating the site, which was a little disappointing. Family Radio's relay from Madagascar verified with an assortment of goodies including a CD with schedule and other information. Finally, Undercover Radio verified sending along a copy of the show I heard. That's an interesting station policy.

73, Rich

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## **FRENDX: Twenty-Five Years Ago (May 1981)**

In his final Headquarters Report, Mac Leonhardt announced that publisher Bill Oliver would also become the club's Executive Director. After six years, Mac relinquished those duties but continued on as Business Manager handling dues and renewals, etc. In the *Shortwave Center*, edited by John Moritz, Richard Wood wrote about his most prized QSL, Radio Juventud de Ribadavia in Spain. Twenty-seven people voted in a SWC poll about whether NASWA should form a pirate committee with only nine members supporting the concept. Thus, no recommendation was forwarded to Executive Council. Jerry Berg wrote about using the *WRTH*. In "It Sounds to Me!" editor Al Sizer explores the topic of why there are so few women in the hobby/club. In "DX Smorgasbord," Dan Ferguson arranged a Coordinated Monitoring Event concentrating on broadcasting in Venezuela. An Interview with Larry Magne focusing on equipment appeared in the *Shortwave Center*. Bill Smith reviewed the MFJ mobile converter, Model MFJ-308. Sam Barto reported 117 countries were represented in the *QSL Report* column in May. Among the award recipients reported by Dan Henderson were: John Moritz, Austin Kelly, Kevin Mikell, Don Moore, Paul Buer, John Herkimer, Bill Whitacre, and Dave Valko. Greg Bares noted that May had 78 reporters listed in *Frendx Credits*.

# Shortwave Center

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

## DX Target: DXing Malaysia Radio Television Malaysia

By Richard A. D'Angelo

Malaysia is one of the most pleasant, hassle-free countries to visit in southeast Asia. It is a well to do country with a vibrant and interesting fusion of Malay, Chinese, Indian and indigenous cultures and customs. Cultures have been meeting and mixing in Malaysia since the very beginning of its history. More than fifteen hundred years ago a Malay kingdom in Bujang Valley welcomed traders from China and India. With the arrival of gold and silks, Buddhism and Hinduism also came to Malaysia. A thousand years later, Arab traders arrived in Malacca and brought with them the principles and practices of Islam. By the time the Portuguese arrived in Malaysia, the empire that they encountered was more cosmopolitan than their own. Within that backdrop, the Voice of Malaysia operates bringing the region's culture to the world while a handful of regional shortwave transmitters provide an insight into domestic broadcasting.

### Location and People

Malaysia is located on the southeastern Asia peninsula bordering Thailand and the northern one-third of the island of Borneo, bordering Indonesia, Brunei, and the South China Sea, south of Vietnam. Its capital city is Kuala Lumpur. The country has a population of around 24 million people with a landmass of about 330,000 square kilometers. The principle languages are Bahasa Malaysia, English, Tamil and Chinese.

Malaysia's love of Western-style industrialization is abundantly clear in its big cities. Aside from the gleaming glass of the 21st Century, though, Malaysia boasts some of the most superb beaches, mountains and national parks in Asia.

The oldest inhabitants of Malaysia are its tribal peoples. They account for about 5 percent of the total population, and repre-



sent a majority in Sarawak and Sabah. All of Malaysia's tribal people generally share a strong spiritual tie to the rain forest. The Malays are Malaysia's largest ethnic group, accounting for over half the population and the national language. Almost all Malays are Muslims but Islam in Malaysia is less extreme than in the Middle East. About one-third are Chinese and around 10% are Indian.

Malaysia is a multicultural society, with Malays, Chinese and Indians living side by side. The Malays are the largest community. The music, art, food, dance, architecture and general day to day living are influenced by all three to some degree, creating some of Asia's most fascinating sounds, sights and tastes.

## Background

Aboriginal Malays began moving down the Malay peninsula from southwestern China about 10,000 years ago. The peninsula came under the rule of the Cambodian-based Funan, the Sumatra-based Srivijaya and the Java-based Majapahit empires, before the Chinese arrived in Melaka in 1405. Islam arrived in Melaka at about the same time and spread rapidly. Melaka's wealth soon attracted European powers, and the Portuguese took control in 1511, followed by the Dutch in 1641. The British established a thriving port in Penang in 1786 and took over Melaka in 1795.

Malaysia's cultural mosaic is marked by many different cultures, but several in particular have had especially long lasting influence on the country. Chief among these is the ancient Malay culture, and the cultures of Malaysia's two most prominent trading partners throughout history, the Chinese and the Indians. These three groups are joined by an array of indigenous tribes, many of which live in the forests and coastal areas of Borneo. Although each of these cultures has vigorously maintained its traditions and community structures, they have also blended together to create contemporary Malaysia's uniquely diverse heritage.

During the late 18th and 19th centuries, Great Britain established colonies and protectorates in the area of current Malaysia; these were occupied by Japan from 1942

to 1945. In 1948, the British-ruled territories on the Malay Peninsula formed the Federation of Malaya, which became independent in 1957. Malaysia was formed in 1963 when the former British colonies of Singapore and the East Malaysian states of Sabah and Sarawak on the northern coast of Borneo joined the Federation. The first

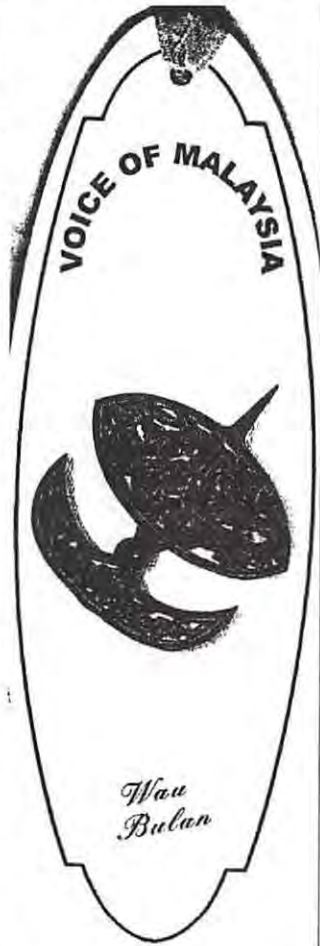
several years of the country's history were marred by Indonesian efforts to control Malaysia, Philippine claims to Sabah, and Singapore's secession from the Federation in 1965.

## The Economy

Malaysia is a middle-income country that transformed itself from the early 1970s through the late 1990s from a producer of raw materials into a multi-sector economy. Growth was almost exclusively driven by exports, particularly electronics. The country was hard hit by the global economic downturn and the slump in the information technology sector in 2001 and 2002 but has rebounded in recent years. The economy is dependent on continued growth in the us, China, and Japan, top export destinations and key sources of foreign investment.

Peninsular Malaysia is home to rubber and oil palm processing and man-

ufacturing, light manufacturing industry, electronics, tin mining and smelting, logging and processing timber. Sabah is known for logging and petroleum production while Sarawak handles agriculture processing, petroleum production and refining, and logging.



## Radio Television Malaysia

The Voice of Malaysia (VOM) is the overseas radio service of Radio Television Malaysia (RTM). It launched the overseas service on 15 February 1963 in three languages, English, Mandarin and Indonesian. By 31 August 1978 the Voice of Malaysia had expanded its broadcast schedule to include five other language services. The Thai Service was added on 1 January 1972, with the Tagalog Service commencing on 22 October 1973. The Malay language and Myanmar Services were added to the line up on 31 August 1978.

On 17 April 1995 The Voice of Islam was established, broadcasting in English and Malay languages. It aims at projecting Islam and its relevance to contemporary issues. It is primarily intended for Sumatra, Java, Kalimantan and Asian region.

The main objective of Voice of Malaysia is to project the accurate representation of Malaysia to an overseas audience from the political, economic and social point of view to encourage foreign investment in Malaysia. It also projects the local arts and

crafts, customs and cultures and festivals to promote tourism. The station's target audiences are overseas listeners and Malaysian students overseas.

The English Service carries a wide variety of programs, however, they are not well heard in North America and the current low sunspot numbers isn't helping matters. They carry News, News Commentary, Economy, Current Affairs, Drama, Entertainment, Sports, Golden Oldies, Malaysia in Perspective, Colors of Malaysia, Destination Malaysia, Islam and Civilization, and live coverage's of public affairs programs. The Voice of Malaysia broadcasts 28.5 hours of programs a day transmitting to Indonesia, Australia, New Zealand, China, Japan, Hong Kong, Taiwan, Philippines, Thailand, Myanmar, North Africa and the Middle East.

The following schedule is from the Voice of Malaysia website. I suspect it is not current because I have another schedule direct from the station that indicates English from 0600-0825 UTC. However, the frequencies of 9,750 kHz and 15,295 kHz have been in use for many years.

**Broadcast Schedules Voice of Malaysia**

Language	Time		Frequency		Target Country
	MST	UTC	kHz	meter	
Indonesia	6.00-8.00 a.m	22.00-24.00	6100	49	Indonesia
			6175	48.58	
	9750	31			
	5.00-10.00 p.m	09.00-14.00	6175	48.58	
			9750	31	
English	3.00-4.30 p.m	07.00-08.30	15295	19	Australia, New Zealand
			6175	48	Indonesia
			9750	31	Indonesia
Mandarin	6.30-8.30 p.m	10.30-12.30	15295	19	China, Japan Hong Kong
			11885	25	Taiwan, Indonesia Australia, New Zealand
Thai	9.00-10.30 p.m	13.00-12.30	6100	49	Thailand
			6175	48	
Arab	11.30-1.00 a.m	15.30-17.00	15295	19	North Africa Middle East
Myanmar	10.30-11.30 p.m	14.30-15.30	6100	49	Myanmar

Bhs.Malaysia	1.00-3.00 a.m	17.00-19.00	6175	48	Indonesia
			9750	31	
	4.30-6.30 p.m	08.30-10.30	15295	19	Middle East, North Africa, Australia, New Zealand
9750			31	Indonesia	
Tagalog	6.30-9.00 p.m	10.30-13.00		203.4	Philippine

The Voice of Malaysia is a good verifier of listener reception reports. They include a colorful QSL card, program schedules, book-marks and other little trinkets shortwave listeners like to receive in the mail. They can be reached at:

Voice of Malaysia  
P. O. Box 11272  
50740 Kuala Lumpur  
Malaysia

In recent years, the explosion of FM transmitters diminished the value of a domestic shortwave service in Malaysia. These transmitters provided shortwave listeners with some exotic DX targets worth chasing. Nevertheless, there are still some remote possibilities worthy of anyone's target list.

Radio 4, more recently named TRAXXfm, operates twenty-four hours a day in English on 7,295 kHz from Kajang in Western Malaysia. It is occasionally heard on the east coast of North America during our winter months between 1100-1200 UTC. TRAXXfm broadcasts to a nationwide audience including the neighboring countries of Singapore, Brunei and Thailand. It considers itself a fun radio station with interaction between the TRAXXfm and its listeners. When it commenced operation in 1982 it was called the Blue Network and operated only 18 hours a day. TRAXXfm is the first Malaysian station to broadcast in English as its primary language. The station focuses on music and talk shows. Reports can be sent to the station at:


Radio 4/ TRAXXfm  
Radio Television Malaysia  
Angkasapuri  
Bukit Putra  
50614 Kuala Lumpur, Malaysia

There are a number of interesting outlets from Kuching operating on shortwave that provide further opportunities to log and verify Radio Television Malaysia domestic channels. RTM Kuching offers a number of frequencies but each are infrequently heard in North America although reports to appear now and then. Frequencies reported include 4,895 kHz, 5,030 kHz, and 7,270 kHz all from Kuching transmitters. If you are fortunate enough to log one of these outlets, try sending a reception report to:

Radio Television Malaysia Sarawak  
Jalan Satok  
93614 Kuching  
Sarawak, Malaysia

Finally, Radio Television Malaysia Sabah is rarely reported operating on shortwave these days although logs do pop up every once in awhile. Very infrequent reports are noted on 5,980 kHz with listeners in North America standing their best chance during our winter months in the early morning hours. Sabah is a separate radio country on the MASWA radio country list making this rarely reported station a highly desirable DX target. If you manage a log, try sending a reception report to:

Radio Television Malaysia Sabah  
2.4 km Jalan Tuaran  
88614 Kota Kinabalu  
Sabah, Malaysia

As always, remember to send in those Voice of Malaysia or any Radio Television Malaysia logs to electronic *Flashsheet* editor Ray Bauernhuber and to Dan Ferguson or Wally Treibel for the *Log Report*. Of course, QSL verifications should be sent to Sam Barto for inclusion in the *QSL Report* column. Good luck with this DX Target. 

# Equipment Reviews

Alan Johnson • 2490 Sharon Way • Reno, NV 89509 • alanjohnson@gbis.com

## DX Engineering ARAH-1P Horizontal Active Receive Antenna

DX Engineering is a relatively new company whose primary focus is on antenna products for the amateur radio community. They have recently introduced some active receive antennas that will be of interest to the SWL community. They also have some accessories for Beverage antennas that may be of interest to SWLs and hams alike.

I'm becoming somewhat of a fan of active antennas due to their wide frequency coverage, but most importantly, they can be located away from all the noise sources that are present in today's houses. Also, their design has improved, so that overloading from local MW stations is not the problem it was on earlier, less expensive active antennas. However, wire antennas are still the best value, if one has the room for them and there are no neighborhood restrictions on outdoor antennas. Active antennas usually require less maintenance than wire antennas, a point brought home to me recently after my 90 meter dipole broke.

I've been using a Wellbrook ALA-330s for about a year and have been very pleased with it. I've compared it to a RF Systems DX-One Pro MkII and a Dressler ARA-HDX100 and consider it the "gold standard" of active antennas. I also use a Datong AD-370 for camping DXpeditions. I noticed in one of their ads in QST magazine that DX Engineering had come out with active receive antennas and decided to try one. DX Engineering has both a vertical version, the ARAV-1P, which utilizes a single 102" receiving element and the horizontal ARAH-1P with two 102" elements in a dipole configuration. I went with the horizontal version, since

vertical antennas are theoretically more prone to noise pickup because most noise signals are vertically polarized. The horizontal version can be rotated to minimize local noise pickup or interference from local broadcast stations. The unit is light enough that a TV type antenna rotator can be used, if desired. The ARAH-1P sells for \$259 and the vertical model sells for \$229. The user must supply appropriate feedline and connectors, supporting mast and silicone sealant to seal the amplifier module. Due to the length of the antenna elements, which are "over-size" for UPS, shipping is expensive. It cost \$60 to get the antenna from Akron, OH to Reno, NV.

### Construction

Construction of the antenna is robust, to say the least. The antenna amplifier/matching unit is in a small aluminum box which mounts to a thick plastic plate. The metal backing plate for the mast attaches to another plastic plate. These two plastic plates are separated by plastic spacers and the threaded brass antenna element mounting blocks. This arrangement is used to help isolate the antenna and feedline from the metal of the mounting mast and mounting hardware. High quality stainless steel nuts and bolts are supplied. The V-bolts supplied for attaching the antenna to the mast include die-cast aluminum saddles—very impressive and strong. The antenna elements are connected to the amplifier module by wire leads that connect to the antenna element mounting blocks with bolts and to the amp module via wingnuts. The antenna element mounting blocks can

be mounted horizontally or slanted upward 30 degrees. In the horizontal configuration, the ends of the elements will droop about 2½ feet below the mounting plate and in the thirty degree configuration the ends of the elements will be about level with the mounting block. The antenna output connector is an "F" type, normally seen with cable TV installations, not shortwave or ham radios. The system is also designed for use with 75 ohm coaxial cable, which is the common impedance for cable TV setups. I used BNC to F adapters and 50 ohm cable with good results. My feedline length is a little over 200 feet, using RG-8X coaxial cable. The manufacturer doesn't provide any specifications for the maximum permissible feedline length, but it is usually about 300 feet for the other active antennas I've used. The station end of the cable connects to the feedline voltage injector box which has a "F" connector for the antenna feedline, an RCA jack for connection to the radio (no connecting lead is supplied) and a 2.1 mm coaxial jack for power. The power requirements are 10 to 15 volts DC at 50 mA—a 12 volt wall-wart is supplied with the antenna.

## Installation

The antenna goes together quickly, but don't use the photo on the website as an assembly guide—the antenna element mounting blocks go between the plastic plates, not on the front. A hollow-shaft nutdriver is useful to tighten the saddle clamp nuts since these are accessed through holes in the front plastic panel. Don't underestimate the room needed to install the antenna—the horizontal span of the antenna is about seventeen feet. Like the Wellbrook this is not a stealth antenna! DX Engineering recommends a mounting height of 20 feet. Due to its robust construction the assembled antenna is heavy—not too heavy to lift and install, but it puts a lot of torque on a mast. Since I put the antenna up in winter, I used a temporary mount consisting of a mast stuck in a five gallon bucket filled

with gravel. I originally tried to use 16 feet of mast, but the antenna kept falling over, so I had to settle for 12 feet of masting. This configuration has stayed up fine, even with heavy winds. I plan to replace the gravel in the bucket with concrete and bury the bucket in the ground—hopefully this will allow me to use a twenty feet mast height, although some sort of support at mid-mast may be required.

The amplifier/matching unit box is not weather-proof, so the manufacturer recommends running a bead of non-corrosive (the type that doesn't contain acetic acid which smells like vinegar) silicone sealant around the seam of the matching unit box. DX Engineering sells an appropriate Permatex product for \$6.95. I found a suitable sealant at the local ACE hardware that is designed for automotive applications that states that it is safe for automotive sensors and doesn't smell like vinegar, so it should be OK.

## Operation

The unique feature of the DX Engineering active antennas is the inclusion of a user adjustable inductive-capacitive (L-C) filtering network. The filter adjustments are made via jumpers inside the matching unit box. The L jumpers set the lower frequency cutoff of the amplifier and the C jumpers set the frequencies at which response is peaked. The manual recommends using only the L jumpers for wide frequency applications, as use of the C jumpers will decrease

**I think the  
ARAH-IP is  
right up there  
with the best  
active antennas  
for HF use.**


the high frequency response. The low-frequency cutoff can be set for 3.3, 3.1 or 1.8 MHz. The filter network was a life-saver for me, as when I first tried the antenna with no jumpers set, there were spurious signals throughout the shortwave spectrum. I then set the jumpers for the 3.3 MHz position, and the spurious signals disappeared. I subsequently set the jumpers for a 3.1 MHz cutoff and the antenna remained well-behaved. Medium wave reception remained good with the jumper installed, although I'm not a MW DXer, so I can't give a critical evaluation of the antenna's MW performance. I'll try the 1.8 MHz cut-off position once the weather gets better.

My test setup consists of the ARAH-1P and the Wellbrook ALA-330s connected to an Eton E1 through an antenna switch. Neither manufacturer gives a gain figure for their antenna, but the third order intercept is specified as +44 dBm for the Wellbrook and +30 dBm for the DX Engineering unit. The ARAH-1P gave a signal strength that was consistently 10 dB lower than the ALA-330s, based on the receiver's S meter. That's not as bad as it sounds, as the DX Engineering antenna was quieter and signals were completely readable. I rarely had to use the receiver's preamp to boost the signal from the ARAH, but when I did, it worked well to increase the signal level, without significantly increasing the noise level. The ALA-330s is a quiet antenna, but the difference between it and the ARAH was significant. The ARAH had an even frequency response across the entire HF spectrum. In my location, I get some breakthrough of local FM stations on the 16 and 13 meter bands with the Wellbrook, but don't with the DX Engineering antenna.

One modification I made was to install a 500 mA fuse in the positive power supply lead to protect the unit and power supply should something short the antenna feedline. This is probably not necessary in most cases, but I did have a problem where the fuse in the Wellbrook antenna interface/power injec-

tor box would blow every time it rained. I found that my dog had torn the jacket off the feedline cable when she tried to dig under the fence (I had run the cable on top of the ground just along the fence).

I'm sold on the DX Engineering ARAH-1P and look forward to getting it more permanently installed at the recommended height of twenty feet to see if this has any significant effect on the received signal strength. I will probably switch to 75 ohm coaxial cable to feed it, although the slight mismatch I have with the current 50 ohm cable shouldn't have a significant adverse effect. It will also be interesting to see how much water has gotten into the enclosure, since I haven't sealed the unit yet (I still need to try the 1.8 MHz filter cut-off setting) and the unit has been out in the rain and snow for a couple of months. The lack of a weatherproof enclosure for the amp unit is my only real complaint about the antenna.

I think the ARAH-1P is right up there with the best active antennas for HF use. The Wellbrook ALA-1530 might be a better choice for those who are interested in MW DX, due to its directional loop design. Unfortunately, the high shipping cost prices the ARAH above the Wellbrook 330s (currently \$265, including shipping at the current Euro conversion rate), but in my location it is a better performer. For those who don't have the room for the horizontal version the ARAV-1P with a single 102 inch vertical receiving element is available for \$229. The vertical version is designed to be mounted at ground level and requires placement of at least one ground rod (the installation instructions recommend using a five foot length of 3/4 inch copper water pipe as a ground rod). The staff at DX Engineering were very responsive to some questions that I had regarding my particular installation. Take a look at these antennas and the other DX Engineering antenna goodies at: [www.dxengineering.com](http://www.dxengineering.com). Their mailing address is P.O. Box 1491, Akron, OH 44309-1491 and phone: (800) 777-0703. 

# Kim's Column

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<http://www.kimandrewelliott.com>

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This column, with links, is available at this URL publicized only to NASWA members: [www.kimandrewelliott.com/taiwan.html](http://www.kimandrewelliott.com/taiwan.html)

## Greetings from Taiwan

Well, actually, I've just returned from a one-week visit to Taiwan. My wife, son, and I were there, during my son's spring break, to visit my inlaws. We flew over on EVA Air, a Taiwan based airline. EVA has a "premium economy" class with a blessed 38-inch seat pitch, compared to the 33 inches in their "economy economy" class. And compared to the 31 inches in economy on one of the U.S. carriers that I, as a low level bureaucratic functionary, would have been required to take if this had been an official trip. I'm really getting too old, too stiff and sore in the bones, for trans-Pacific travel under such circumstances.

We spent most of our time in Taoyuan, a large city just south of Taipei. You would go to Taoyuan for business, or to visit inlaws, but not for tourism. My 10-year old son Ian was initiated to Asian street smells—alternating among Chinese foodstuffs, raw sewage, exhaust fumes, and (from the occasional streetside temple) incense—and he was appalled. But, by the end of the week, he was acclimating. And he enjoyed spending time with his cousins.

## A visit to Sangean

The week did include a couple of trips up to Taipei. The first was to the headquarters of Sangean. They are down to one building in Taiwan, with most of their manufacturing now in China. About eighty people are still involved in manufacturing at the Taipei facility, engaged in final finish to products mostly assembled in China.

Sangean leadership is obviously concerned about the future of shortwave, and of radio in general. They are already established in the manufacture of DAB receivers in the U.K., but the growth of DAB in Europe is slow and uncertain. Expect Sangean also to be active in HD Radio, the U.S. version of digital radio.

Sangean is working on a DRM receiver. It will use the same case as the [Roberts Gemini 1 DAB radio](#) in the U.K. This has a nice rectangular display that can be used for the pictures and text that can be transmitted along with DRM audio. But a Sangean official mentioned software problems, so it could be several months before we see this standalone DRM radio for sale in the United States.

I suggested that Sangean produce a version of its ATS-909 with a 12 kHz IF output, patch cord, and CD with DRM software. I'm not sure if they took this seriously.

In this age of personal computers, wide-screen high-definition televisions, and iPods, I can't help but cheer for one of the few companies that still takes radios (other than car radios) seriously: portable radios, table radios, retro radios, under-counter radios.

## A visit to Radio Taiwan International

Our other trip to Taipei, we visited Radio Taiwan International. The last time I visited Taiwan's international radio service, ten years ago, it was still called Voice of Free China and located in the headquarters of its then-parent, Broadcasting Corporation of China.

Now Radio Taiwan International (RTI) is in the building that for years was the home of the Central Broadcasting System (Chungyang Kuangpo Tientai). The CBS name is still used only for corporate purposes. Outwardly, almost all Taiwan broadcasting abroad, including to mainland China, goes by the RTI name. The RTI logo is now displayed on the wall of what used to be the CBS building.

I brought along the recording of the most peculiar "Dragon Time" program from VOFC in 1961. This recording has been circulating among U.S. DXers for years. The RTI managers I spoke to were not familiar with the program, but I hope this excerpt encourages them to look in their archives for any surviving studio recordings.

RTI does honor its history in a very nice one-room museum describing the history of Taiwan broadcasts to the mainland, as well as VOFC and RTI. This includes quite a bit of technical detail about the transmitting sites, including models of the antenna farms. (At VOA headquarters, similar displays of the IBB shortwave plant have been dismantled, shortwave no longer being the flavor of the month here.)

And if that is not enough, RTI also maintains a museum at its Minxiong transmitting station in Chiayi County. This was built by the Japanese in 1940, and damage from U.S. air raids during World War II is still visible in the transmitter building. I will definitely have to visit this place next trip to Taiwan. (And Chiayi County is apparently much more scenic than Taoyuan.)

My ninth-floor hotel room in Taoyuan afforded very good shortwave reception, with a few feet of wire pressed against the window. VOA Mandarin was overtaking any Chinese jamming attempts on most frequen-

cies. RTI Mandarin broadcasts, however, had co-channel interference, presumably PRC jamming, on virtually every frequency. I did not hear any jamming of mainland broadcasts back to Taiwan.

Tuning across the shortwave bands, I found English broadcasts to be difficult to find. This is in contrast to my visits to Taiwan seven and ten years ago, when English-language broadcasts were plentiful. Now it is Mandarin-language broadcasts that are all over the shortwave bands, perhaps a harbinger of the comparative roles of English and Mandarin in the world.

### HCJB and its shortwave future

A large chunk of ice from the melting glacier of shortwave broadcasting just fell into the sea. HCJB announced that it has begun to dismantle its shortwave transmitters at Pifo, near Quito, in anticipation of the construction of a new international airport there. Furthermore, HCJB has made no decision about constructing new shortwave transmitters in Ecuador. They might, instead, lease time or place transmitters "at sites owned by likeminded missions."

HCJB, while expressing continued commitment to DRM, may decide to shift its investment from shortwave to more local FM and medium wave stations, and to satellite distribution.

This is the latest in a series of retreats from Western Hemisphere shortwave by religious international broadcasters. FEBC closed KGEL, AWR ended transmissions from Costa Rica, TWR shut down shortwave from Bonaire, Christian Science Herald Broadcasting left South Carolina, and now the news from HCJB.

*Views expressed are my own. More at [kimandrewelliott.com](http://kimandrewelliott.com).*



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# Adrian Peterson's Diary

Dr. Adrian M. Peterson • Box 29235 • Indianapolis, IN 46229

## Voice of America Hicksville, Long Island, New York

Back in those days, we were surprised, and literally amazed, at the rapid increase in the number of shortwave stations that began to carry the programming of the Voice of America. At the time, the only shortwave receiver I owned at our family home in country South Australia was a small home-constructed battery-operated un-calibrated set that utilized the old bulbous English Cossor valves. Thus it was that on Sunday afternoons I would sometimes cycle the three mile distance and go over to the home of my mentor, Ern Suffolk. He lived in a country house near Lobethal, a Bavarian migrant town with a name in German meaning "Valley of Praise." Officially this town was re-designated during the war years as Tweedvale, honoring its large woolen mill factory, but we as locals always called it Lobethal.

Ern Suffolk was the guiding light for the South Australian Branch of the old Australian DX Radio Club with its headquarters in Melbourne, Victoria. On his powerful shortwave receiver, I would often tune in to the escalating number of VOA shortwave transmitters and send reception reports to their two addresses, one in California and the other in New York. Most of my reports were acknowledged; some with QSL card, some with QSL letter, some with a letter stating that it was against policy to verify, and the rest were ignored.

During those years of international crisis, the American stations that we would listen to were located mostly in California, though we would also hear the Eastern stations as well; and yes, we held QSL cards to prove it. One of the major transmitter bases that was pressed quickly into VOA service was located at Hicksville, on Long Island in New York state. This massive electronic complex was

in some ways the largest communication station that was commandeered by VOA. Well, OK, VOA did not just walk in and take the facility over, but they did arrange for the usage of many transmitters at this location to carry their programming, with who knows, maybe a score of different callsigns.

It was Press Wireless International, PWI, that constructed the Hicksville radio station for the purpose of increasing the flow of intentional news reports. Work on the station was commenced in 1932 at two different locations, Little Neck and Hicksville. Initially, it would seem from the available information, the smaller property at coastal Little Neck was developed as a temporary transmitter base with a couple of shortwave transmitters, and maybe even up to four. The official 1933 list for Little Neck shows half a dozen callsigns in use; five in the WJ series such as WJO, WJP and WJQ, and also one four letter call, WRDK. When PWI Hicksville became functional, it would be presumed that the transmitters were transferred, and Little Neck then became their Receiver Station.

The larger PWI property on Long Island was situated in Hicksville, quite close to where the offices of the radio magazine, "Popular Communications," are now located. The 500 acre property for Press Wireless Hicksville was developed as a massive shortwave communication radio station with, at its height of activity, 47 shortwave transmitters and 70 antennas. It seems that the largest transmitters were rated at the time at 40 kw., though these days the power rating would likely be given as 20 kw. The many additional transmitters were rated at lower power values, varying from 10 kw. to 5 kw. to a few hundred watts.

The Hicksville station became operational initially in 1933 with the original complement of transmitters, and these were augmented progressively during the next several years. The purpose for establishing this station was to enable the free flow of press reports to and from overseas news bureaus and newspaper offices throughout the United States. However, as was the custom in those days, PWI Hicksville also went on the air spasmodically with experimental program broadcasting in the shortwave bands.

During the year 1935, mediumwave station WOR in New York announced that they planned to establish their own shortwave transmitter to carry the same program feed in parallel with their mediumwave unit. In fact, work commenced on the construction of the shortwave transmitter which was already licensed as W2XHI. However, before the new transmitter was completed, station WOR announced that they had abandoned their shortwave project. Now, it so happened, that around this same time period, Press Wireless inaugurated their own program service on shortwave over the transmitter W2XGB. On many occasions, this unit carried a tandem relay from the mediumwave WOR.

A year or two before the commencement of the European Conflict, Press Wireless Hicksville became more active in the area of program broadcasting and they began a daily two-hour service on shortwave from W2XGB. The programming consisted of recorded music, relays from New York's WOR, and news bulletins from their own Press Wireless sources. On Saturday afternoons, their program schedule showed opera broadcasts on relay to Latin America. In addition, the Hicksville transmitters were noted by American shortwave monitors on several occasions with program relays on behalf of the national networks. For example, Hicksville was heard with NBC programming beamed to local stations COCX and CMAS in Cuba in mid 1938; and East coast relays beamed to California around the same time period. A few QSL letters and cards were issued to verify listener reports on these program relays. The QSL cards showed photographs of their transmitter building and antenna

systems, and also the operating positions at their receiver station.

In January 1942, just a few weeks after the attack on Pearl Harbor, irregular test broadcasts commenced from Hicksville under the call sign WCW. In those days, a separate call sign was issued by the FCC for each shortwave channel, and thus it was that PWI Hicksville was noted with maybe a score of different callsigns during this era. Programming for these broadcasts was taken from the local networks, such as NBC and Mutual, and they were relayed for example to Press Wireless KJE9 in California. Test broadcasts were also beamed to continental and islandic Europe.

A few months after the series of test broadcasts began, station WCW Hicksville New York began to carry official OWI-VOA and AFRS programming beamed to Europe, Africa and the Middle East. Over a period of more than four years, Hicksville was noted with this relay programming in many languages and under as many as a score of different callsigns. Program relays were taken from the VOA studios in New York, from the studios of the nationwide networks, and from the studios of station WLW-WLWO in Cincinnati, Ohio. In fact, wartime pilot John Willmott states that he heard about the Doolittle raid on Tokyo in April 1942 from a VOA broadcast over the Hicksville station while he was ferrying a plane to the Russian Air Force in Iraq.

In March 1943, Hicksville began the usage of regularized four letter callsigns instead of the usual three letter callsigns. For example, callsign WKRX was noted on 7820 kHz. with a parallel relay from WGEO Schenectady. The callsign on this Hicksville channel, WKRX, was previously noted as WBM4. The internationally regarded Arthur Cushen MBE in New Zealand reported that he received three QSLs from Hicksville during this era. His QSLs were two cards verifying WKRD and WKTM and one letter verifying WKTS. It is not known at this stage specifically what cards Cushen received in acknowledgement for his reception reports.

It was on April 20, 1942, that station WCW Hicksville New York began the official relay

of programming on behalf of OWI-VOA. Two years later, in January 1944, the new short-wave station WOOP and W000 was activated at Wayne, New Jersey with the result that PWI Hicksville was no longer needed at the same level. The usage of the lower powered and older station at Hicksville was thus diminished in the regular VOA and AFRS services to Europe, Africa and the Middle East. The final listing of Hicksville with VOA programming occurred in the VOA scheduling in January 1945, though occasional point-to-point relays were noted subsequently.

In March 1945, WJQ Hicksville was reported in the American radio journal "Radio News," with a special program relay to SHAEF Paris on 10010 kHz. The station known as SHAEF Paris was in reality a new and temporary Press Wireless station located out in the country near Paris. In fact, Robert Knight of Lisbon, Connecticut, tells us that he

received his technical training on the 40 kw. transmitter at Press Wireless Hicksville and that he worked on the same model transmitter that was re-installed near Paris in France. That's the story for next time in "Reminiscing with a Radio."

In 1965, Press Wireless was acquired by ITT World Communications and a few years later the station was dismantled. The multitude of tall towers no longer hovered over the landscape near Canitague Lane. What an illustrious and interesting history for such a large and magnificent shortwave station that performed so admirably, and yet was so little known during the era of its usefulness.

Originally published at [www.radioheritage.net](http://www.radioheritage.net) ©Adrian Peterson (Adventist World Radio), Radio Heritage Foundation—"sharing the stories of Pacific radio."

## Radio Broadcasting in Singapore

### 1. Singapore Island

As the world traveling tourist knows, the island of Singapore is both ancient and modern. Its pre-history goes way back through the centuries into the unwritten eras of legendary events more than a thousand years ago, and yet it is these days a fast, modern and bustling city of international trade and commerce.

The earliest known written record about Singapore is a 3rd century account from China that tells of a settlement that was already established on the southern edge of the island known as Pulau Ujong; that is, "The Island at the End of the Peninsula." It was in the 14th century that a rajah from Palembang in Indonesia took shelter on the island during a storm. He was startled by a wild animal that he took to be a lion, and from that time onwards, the island has been known as Singapura; that is, "Lion City" in the Sanskrit language. However, it is suggested that the animal was in reality, not a lion, but a tiger.

In the year 1819, the British established a trading post on Singapore island under Sir

Stamford Raffles, and this event is looked upon as the earliest beginning of their modern era. Ultimately, on August 9, 1965, the island became an independent country in its own right. The name Singapore identifies the city, the island, and the nation.

Throughout the past several centuries, Singapore has come under the political and cultural influence of many nations and many peoples, and these would include the British, Dutch, Portuguese, Thai, Vietnamese, and Japanese. The three main ethnic groups on Singapore these days are the Chinese, Malay and Indian.

The nation of Singapore is made up of some 50 islands, only half of which are inhabited. The main island measures approximately 26 miles or 42 km east-west and 14 miles or 23 km north-south. The total population of this very prosperous and yet crowded nation is nearly 4½ million.

There are many splendid tourist locations in Singapore, and these would include the Tiger Balm Gardens with its Buddhist culture, the Jurong Bird Park with its multitude of colorful and tuneful birds, Sentosa Island with

the breathtaking views from the cable cars, and the Merlion as the symbol of Singapore itself. The Merlion stands in the water at the entrance to Singapore River, and it is a small statue with the head of a lion and the body of a fish. It was installed in 1964.

It can truly be said, as their official website states: Whatever your interest, Singapore offers you the traditional and the modern, the East and the West.

## 2. Early Wireless Stations

The first wireless station on the island of Singapore was given the callsign VPW, and this unit was an arc transmitter used solely for the transmission of Morse Code. The earliest known listing for VPW is in the year 1919, and the original allotted channel was 3,400 metres, corresponding to about 88 kHz in the longwave band.

Subsequent callsigns for this maritime communication station, which was located towards the centre of the island, were VPS (mid 1930s), and then GXM (before independence), though nowadays this service is on the air under several callsigns with the prefix 9.

Two years after the coastal wireless station was established, the British Admiralty built a navy base near Seletar on the northern edge of Singapore Island. A new spark gap Morse Code wireless station was installed quite close to the already established maritime wireless station, VPW, and this new facility was given the callsign BXW. In subsequent years, the callsigns in use at this station have been GYL and GYS.

International shortwave communication from Singapore has been conducted in more recent time under the callsigns 9VC, 9VF, 9VG, and 9VP. Aeradio calls to aircraft, as well as the Volmet weather broadcasts, are heard under the callsign 9VA. The transmitters for all of the major communication wireless and radio stations in Singapore have all been located at a high area towards the centre of the main island.

## 3. Amateur Radio Broadcasting—Mediumwave

As was the custom of the era in many countries of Asia and beyond, the first attempts at radio broadcasting were made by amateur radio operators and organizations. It was in 1925 that the Amateur Wireless Society of Malaya was formed in Singapore with the intent of establishing a radio broadcasting service with a 100 watt mediumwave transmitter. However, there was a delay in establishing this new facility, due no doubt to the fact that all of the equipment had to be ordered from England. This new station was finally inaugurated in 1927 under the British-style callsign 1SE and it was on the air spasmodically on 330 metres (910 kHz) for half a dozen years. The last known entry for this station in international radio broadcasting lists was in the year 1929.

## 4. Amateur Radio Broadcasting—Shortwave

During the 1930s, many amateur radio operators entered the international radio scene with attempts at radio broadcasting in the shortwave bands. The first of these radio entrepreneurs was Sir R. E. Earl who represented the British government at the Harbour Board in Singapore. He operated his own shortwave amateur station 2SE and he was on the air with broadcast programs on Saturdays twice a month. A little earlier in this program, we mentioned the amateur station, 1SE, and Sir Earl's station was the second in the colony, hence the callsign, 2SE.

During this same era, the callsigns of two amateur stations in Singapore were included in the lists of shortwave broadcasting stations. These were VS6XW, a new callsign, operated by Sir Earl at the Singapore Port Authority, with an irregular schedule on 28.75 metres in 1930, and VS1AB in the 41 metre band from 1932 to 1934. At the time, there was no local radio broadcasting service on mediumwave, and therefore each station had to produce its own programming which consisted mainly of recorded music.

## 5. Early Broadcasting—Shortwave

Interestingly, the first official radio broadcasting service in Singapore was a shortwave operation, not mediumwave. The reasons for this would be twofold:

- Tropical location, and therefore wider coverage area on shortwave
- Intent to cover the Malay peninsula from a single location

The first known logging for this new shortwave radio broadcasting station is given in the Melbourne based radio magazine, "Listener-In" in mid-November 1933. The station was identified under the callsign ZHI, the frequency was 6060 kHz in the 49 metre band and the schedule shows 2½ hours each Monday Wednesday and Friday.

During the following year, the International DX Alliance in the United States gave the power as 180 watts. Now, in those days the power of a radio transmitter was calculated at the input level, though these days the measurement is taken at the antenna output of the transmitter. Thus, this new shortwave broadcasting station in Singapore really had a rated power of less than 100 watts.

Even though there was confusion in the radio magazines at the time, the correct address for the station was 2 Orchard Road in Singapore, the location of a commercial radio service. There is at least one known QSL from this period, a letter issued to an American listener in the year 1934.

## 6. Early Radio Broadcasting—Mediumwave

Soon after the shortwave broadcasting service was launched, plans were announced for the establishment of a local broadcasting service, on mediumwave. The transmitter power was 2 kw., the operating channel was 1232 kHz, the callsign was ZHL, and the location was in a government building in Empress Place. This mediumwave station began a regular broadcasting service on June 1, 1936. Programming on both shortwave

and mediumwave was in parallel. A couple of years later, the studio facility was transferred to Cathay Building on Thomson Road.

## 7. Government Radio Broadcasting Station

In 1937, work commenced on a complete new facility at Caldecott Hill in the outer reaches of Thomson Road under Sir Shenton Thomas. This facility, made up of studios and transmitters, was officially opened on March 1, 1937. At this stage, the original 90 watt shortwave transmitter, ZHI was re-designated as ZHO, and four new transmitters of 500 watts each were given callsigns in the ranges ZHP and ZHN. The four transmitters rated at 500 watt with the callsigns ZHP were on the air with broadcast programming whereas the transmitter ZHN was noted at irregular times with program relays to the ABC radio network in Australia.

All of these callsigns were noted in Australia and the United States, and reception reports were verified with the now famous, and nostalgic, and, I might add, quite rare QSL card, depicting a sunset scene in Malaya.

## 8. Jurong Transmitting Station

Soon after the new station at Caldecott Hill was commissioned, work on a big new shortwave station was commenced at Jurong, quite near the now famous Jurong Bird Park. In 1939, the BBC London entered into a purchase arrangement for this Singapore radio station with the intent of establishing a high powered relay facility for international radio coverage throughout Asia. A new 100 kw. shortwave transmitter was shipped out from Chelmsford in England, but it was lost at sea when the supply ship was torpedoed and sunk. As a replacement, a new 50 kw. RCA transmitter was shipped out from the United States, but this arrived with power transformers designed for the American 50 cycle 110 volt electrical system, not the British 60 cycle 240 volt system in Singapore. The buildings and antenna systems were completed but never activated, due to the unavailability of a suitable transmitter.

## 9. Shonan Radio

The shortwave and mediumwave station on Caldecott Hill made its last broadcast under the British colonial administration in late February 1942, and the Japanese administration re-opened the station again a few weeks later on March 27. Only one channel was in use at this stage, 9705 kHz, which was previously on the air under the callsign ZHP1.

However, quick usage of the empty facility at Jurong was implemented with the installation of a shortwave transmitter from the island of Penang. This comparatively new unit, probably a 7½ kw. Marconi unit from England, though it is sometimes shown as 10 kw., had been installed in Penang by the British administration a few months earlier under the callsign ZHJ. In Singapore, this unit was inaugurated in August 1942 on the single channel 12,000 kHz.

Programming for Shonan Radio, "Light of the South," in English and several Asian languages, was usually produced in the Singapore studios on Caldecott Hill, although as noted in Australia, there were occasional relays from Radio Tokyo in Japan. On other occasions, there were also relays to and from Radio Saigon in Vietnam, and with the Philippine stations PIRN and PIRM in Manila.

Shonan Radio was last heard in the United States on February 3, 1945. There are no known QSLs from Shonan Radio.

## 10. Under the Americans & British

Soon afterwards, the radio facilities in Singapore were re-activated, initially under the Americans as SEAC Radio, though shortly afterwards the station was taken over by the British as BMA Radio. In March 1945, the Newark News Radio Club in the United States reported the monitoring of signals from Singapore on 15450 kHz, no doubt coming from the previously transferred 10 kw. transmitter located at Jurong. The programming was beamed to the Philippines. The re-activated


mediumwave transmitter ZHL was first noted in Australia a few months later in mid-September on 840 kHz.

## 11. Subsequent Developments

As time went by, additional mediumwave and shortwave transmitters were activated at Jurong, a new studio facility was constructed at Caldecott Hill, and the radio networks were divided into colors; Blue for English and Malay, Red for Chinese and Indian, Green for Chinese, and I think that there was also a Yellow Network at one stage as well. Over the intervening years, a total of 11 different shortwave transmitters were installed at Jurong, rated at 10 kw. and 50 kw.

However, when the housing estates began to encroach into the Jurong area, the old shortwave base was closed and a modern new facility was constructed at Kranji, quite close to the BBC shortwave station. The Singapore shortwave station, operated by Singtel near Kranji, contains six shortwave transmitters at 250 kw. and one at 100 kw. The mediumwave transmitters at Jurong were closed and a new transmission center was installed at the center of the island, though the mediumwave units were de-activated several years ago.

## 12. Listening to Radio Singapura

You can hear Radio Singapura in any part of the world, at least at some time during their broadcast day. They are on the air in five languages on fixed frequencies in the 49 and 41 metre bands from 2300 UTC till 1600 UTC. The programming from the local FM networks is on the air in the mornings and afternoons and evenings, and the external service is on the air as Radio Singapore International from the same transmitters on the same channels in the evenings local time from 0900 UTC to 1400 UTC. Both units verify reception reports with very colorful picture cards showing local scenes throughout the island of Singapore. 

# Country List Committee Report

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## Country List Clarification

NASWA's Country List Committee is aware of some concerns regarding the use of the club's standard Country List for purposes of the Scoreboard column and the Awards program. Hopefully, this will clarify the situation.

The committee realizes that in 2006, with fewer countries available to be heard, some DXers have little interest in counting the number of shortwave broadcasting stations and countries they hear and verify. However, because of the *Scoreboard* and Awards, a considerable number of club members still do retain that interest.

Because of the current state of shortwave broadcasting, there have been no *new* countries added to the Country list in at least several years. The Country List Committee, however, continues under its longtime mandate from the NASWA Executive Council, to monitor the world SW broadcasting situation for possible future additions to the list.

Perhaps equally important, though, the Committee also is mandated with the task of interpreting for NASWA members the use of the existing *Country List*.

Those NASWA members, and others with questions concerning the *Country List* and its usage, are encouraged to contact the committee, through its Chairman, Don Jensen (dnjkenosha@wi.rr.com).

The Committee recently has received questions concerning the counting of pirate broadcasting stations for purposes of the NASWA Scoreboard and/or Awards. Because others may also be interested in the Committee's response to these interpretation questions, Rich D'Angelo, NASWA Executive Director, has requested that I offer this clarification.

By past practice, tradition and actions of this committee, NASWA takes no official position on unlicensed pirate broadcasters, neither encouraging nor discouraging them, and neither encouraging nor discouraging DXers from listening to or verifying receptions of these stations.

The Committee recognizes that pirate broadcasting remains a somewhat controversial subject. Some DXers oppose unlicensed pirate broadcasting; others do not. NASWA, obviously, is made up of members who fall into both camps, or somewhere in between. Clearly, individual members will listen or not listen to them, and report or not report them, as they see fit.

The longtime position of NASWA, as expressed by the Committee, is that the club will remain neutral on this issue, but recognizes that, (1) Such stations exist. (2) They fit the basic NASWA definition of an SW broadcasting station in terms of frequency and intended audience. And therefore (3) There exists no reason not to count them, if an individual DXer chooses to tune and report them.

That position continues today.

In several cases, Scotland and Wales notably, were added to the NASWA *Country List* many years ago **totally** on the strength of existing, albeit sporadic or short-lived pirate broadcasts. Within the past 50 years, Ireland has been audible *only* by pirate or quasi-pirate SW broadcasts. Receptions of other foreign pirates, from Europe or elsewhere, traditionally, and today, also are counted by members for purposes of reporting the NASWA *Journal Scoreboard* and/or applying for club Awards.

Based on the above, and all other things being equal, pirate SW broadcasters may continue to be counted the same as, and not differently from other SW broadcasters for purposes of the *Scoreboard* and/or Awards.

Specifically, pirate stations may be counted for *Scoreboard* countries heard/verified totals and for Awards based on such totals.

The Committee hopes that this will clarify any confusion that may have existed.

NASWA COUNTRY LIST COMMITTEE

Don Jensen, Chairman



# Listener's Notebook

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**SORRY** the column is so brief this month, it took what limited editing time I had to sort out this complex schedule. Will catch up next month!-AQ

## UNITED KINGDOM BBC

0000-0030	English	3915-S 5970-As 5975-M 6195-S 9410-C 9740-S 9790-As 11945-Y 11955-N 15280-N 15310-N 15360-S 17615-N	0300-0400	Arabic	7140-C 9845-C 9915-Sk 11740-C 15180-As
0000-0030	Burmese	6065-N 9580-S 11850-S	0330-0400	Russian	9585-W 9680-C 11845-R 13745-C Mo-Fr
0000-0100	Spanish	5875-R/Sk 6110-A/M 9525-A 11765-A	0330-0400	English	3255-Me 6190-Me 6195-Sk 6035-Me 6190-Me 6195-Sk 7160-A 9410-C 9750-Se 11760-C 12035-C 15280-N 15310-As 15360-N 15420- Se 15575-As 17760-N 17790-N 21660-N
0030-0100	Dari	7165-C 9875-C	0330-0440	Farsi	9565-R 11855-C 13645-C 3255-Me 6005-A 6190-Me 6195-R/Sk 7120-Me 7160- A 9410-Sk/W 11760-C 12035-C 12095-W 15280-N 15310-As 15360-N 15420- Se 15575-As 17760-N 17790-N 21660-N
0030-0100	English	5970-As 5975-M 6195-S 9410-C 9580-S 9740-S 9790-As 11955-N 15215-N 15280-N 15310-N 15360-S	0400-0430	English	6015-C 9815-R Mo-Fr 7185-A 9835-Me 15400-Se 7140-C 7325-R 9845-C 9915-Sk 11740-C 15180-As
0030-0100	Bengali	6065-As 9570-N 11850-S	0400-0445	Arabic	9560-Sk 9895-W 11770-C Mo-Fr
0100-0130	Hindi	6065-As 11750-S 13745-Tk 15510-N	0400-0500	Russian	9585-W 9680-R 11845-R 13745-C Mo-Fr
0100-0130	Pashto	7165-C 9875-C 15215-N	0430-0445	English	3255-Me 6005-A 6015-C 6190-Me 6195-R/Sk 7120- Me 7160-A 9410-Sk/W 9815-R 11760-C 12035-C 12095-W 15280-N 15310- As 15360-N 15420-Se 15575-As 17760-N 17790-N 21660-N
0100-0200	English	6195-S 9410-C 11955-As 15280-N 15310-N 15360-S 17790-S	0430-0500	Portuguese	3390-Me 6035-A 6135-Me 7105-A 7205-Me 17885-Se
0130-0200	Dari	7165-C 9875-C 15215-N	0430-0500	French	7140-C 7325-R 9915-Sk 11740-C 13660-C 15180-As
0130-0200	Urdu	6065-As 11750-As 15510-N	0445-0500	Arabic	3255-Me 6005-A 6190-Me 6195-R/Sk 7120-Me 7160- A 9410-Sk/W 11760-C 12035-C 12095-W 15280-N 15310-As 15360-N 15420- Se 15575-As 17760-N 17790-N 21660-N
0200-0230	Pashto	7165-C 9875-C 15215-N	0445-0500	English	9875-C
0200-0230	Russian	9510-R 9680-C 11845-As 5975-M 5995-A 6005-Se 9640-Sk 11760-C 11955-As 15280-N 15310-N 17790-S	0500-0515	Romanian	7140-C 7325-R 9915-R/Sk 11740-C 13660-C 11820-C 15180-As
0200-0245	English	6105-C 7140-Sk 9915-C 7320-C 9565-R 11855-As 7165-C 9875-C 11965-C	0500-0516	Arabic	17885-Se Sa/Su
0200-0300	Arabic	11995-As 15215-N 15405-N 17710-I	0500-0530	English	
0230-0300	Farsi	5975-M 5995-A 6005-Se 9610-Se 9640-Sk 11760-C 11955-As 15280-N 15310-N 17790-S			
0230-0300	Dari	7320-C 11855-As			
0230-0300	Hindi	7165-C 9875-R 11965-C 6050-Me 7210-R 9610-Se 5875-R 9585-W 9680-C 11845-R Mo-Fr			
0245-0300	English	9565-R 3255-Me 5975-De 6005-A 6035-Me 6190-Me 6195-Sk 7160-A 9410-C 9750-Se 11760-C 12035-C 15280-N 15310-As 15360-N 15420- Se 15575-As 17760-N 17790-N 21660-N			
0300-0330	Farsi	3255-Me 5975-De 6005-A 6035-Me 6190-Me 6195-Sk 7160-A 9410-C 9750-Se 11760-C 12035-C 15280-N 15310-As 15360-N 15420- Se 15575-As 17760-N 17790-N 21660-N			
0300-0330	Pashto	5975-M 5995-A 6005-Se 9610-Se 9640-Sk 11760-C 11955-As 15280-N 15310-N 17790-S			
0300-0330	Swahili	7320-C 11855-As			
0300-0330	Russian	7165-C 9875-R 11965-C 6050-Me 7210-R 9610-Se 5875-R 9585-W 9680-C 11845-R Mo-Fr			
0300-0330	Farsi	9565-R			
0300-0330	English	3255-Me 5975-De 6005-A 6035-Me 6190-Me 6195-Sk 7160-A 9410-C 9750-Se 11760-C 12035-C 15280-N 15310-As 15360-N 15420- Se 15575-As 17760-N 17790-N 21660-N			
0300-0400	Spanish	5995-De 6110-M 7325-R/ Sk 9515-De			

0500-0530	English	3255-Me 6005-A 6190-Me 6195-R/Sk 7160-A 9410- Sk 11760-C 11765-Me 11955-N 12095-W 15280-N 15310-As 15360-S 15420- Se 15565-C 15575-As 17640-C 17760-S 17790-N 21660-N	0730-0800	Arabic	7140-C 11680-C 13660-C 15180-C 17610-Sk 15400-A Mo-Fr 6190-Me 7320-R 9470-Kv 11760-As 11940-Me 11955- N 15310-N 15360-N/S 15400-A 15485-Sk 17640- Sk 17760-S 17790-As 17830-A 17885-Se 21470- Se 21660-N
0500-0600	English	17885-Se Mo-Fr	0730-0800	English	9410-C 15565-R Su 11820-C Mo-Sa
0500-0700	Albanian	9770-C 11840-R Mo-Fr	0800-0900	Turkish	15575-C Sa/Su
0515-0530	Romanian	9875-C Sa/Su	0800-0900	Arabic	7140-C 11680-C 11820-C (Su only) 13660-C 15180-C 17610-Sk
0516-0600	Arabic	7140-C 7325-R 9915-R/Sk 11740-C 13660-C 15180-As 9875-C Sa/Su	0800-0900	English	17870-C 15420-As
0530-0545	English	9875-C Sa/Su	0800-0900	Arabic	9410-C 12010-R 13750-R Mo-Fr
0530-0600	Krwa/ KrunDi	15400-Me 17885-Se Sa/Su	0900-0930	Pashto	15420-As 17870-C
0530-0600	Hausa	7105-A 6135-A 9610-A	0900-0930	Arabic	11820-C 15555-C Mo-Sa
0530-0600	English	3255-Me 6005-A 6190-Me 6195-R/Sk 7160-A 9410- Sk 11760-C 11765-Me 11955-N 12095-W 15310- As 15360-S 15420-Se 15565-C 15575-As 17640-C 17760-S 17790-N 21660-N	0900-1000	English	6195-N 15400-A 15575-C Mo-Fr
0530-0600	Albanian	9770-C 11840-R Sa/Su	0900-1000	English	6190-Me 6195-S 7320-R 9470-Kv 9605-Y 9740-S 11760-As 11940-Me 15310- N 15360-N 15485-Sk 17640-Sk 17760-S 17790- As 17830-A 17885-Se 21470-Se 21660-N
0600-0630	French	6105-A 7105-A 13740-R 15405-C	0900-1030	English	15575-C Sa
0600-0630	English	6005-A 6190-Me 6195-R 7320-R 9410-Sk 9470-Kv 9530-Sk 11765-Me 11940- Me 11955-N 12095-W 15310-N 15360-S 15565-C 15575-C 17640-C 17760-S 17790-N 21660-N	0900-1100	English	15400-A Sa/Su
0600-0700	English	17885-Se Sa/Su	0900-1100	Arabic	7140-C 11820-C (Su only) 13660-C 15180-R 15555-C (Su only) 17610-Sk
0600-0730	Arabic	7140-C 9915-Sk 11680-C 13660-C 15180-C	0900-1100	English	6195-N 15575-C Su
0630-0700	English	6005-A 6190-Me 6195-R 7320-R 9410-Sk 9470-Kv 9530-Sk 9610-A 11765-Me 11940-Me 11955-N 12095- W 15310-N 15360-S 15565- C 15575-C 17640-C 17760- S 17790-N 21660-N	0930-1000	Burmese	9760-N 12045-S 15545-S Su
0700-0721	English	6005-A 6190-Me 7320-R 9470-Kv 11760-As 11765-A 11940-Me 11955-N 15310- N 15360-S 15485-Sk 17640-Sk 17760-S 17790- As 17830-R 21660-N	0930-1000	Dari	15420-As 17870-C
0700-0730	English	15400-A 15575-C Mo-Fr	0930-1030	Dari	9540-D 12030-C Sa-Th
0700-0730	French	15105-A 17695-Me	0930-1130	Farsi	9540-D 12030-C Fr
0700-0800	English	15400-A 15575-C 17885-Se Sa/Su	0930-1400	Arabic	11820-C 15555-C Mo-Sa
0721-0800	English	6190-Me 7320-R 9470-Kv 11760-As 11765-A 11940- Me 11955-N 15310-N 15360-S 15485-Sk 17640- Sk 17760-S 17790-As 17830-R 21660-N	1000-1030	Dari	6190-Me 6195-M/S 7320-R 9470-Kv 9605-Y 9740-S 11760-As 11940-Me 15310- N 15360-N 15485-Sk 17640-Sk 17760-N 17790- As 17885-Se 21470-Se 21660-N
			1000-1100	English	15420-As 17870-C
			1000-1100	English	15400-A 17830-A Sa/Su
			1000-1100	English	6195-N 15575-C Mo-Fr
			1030-1100	English	6195-S Su-Fr
			1030-1100	Pashto	15420-As 17870-C
			1030-1100	English	6195-S 15575-C Sa

1030-1100	English	6190-Me 6195-M 7320-R 9470-Kv 9605-Y 9740-S 11760-As 11940-Me 11945-N 15285-S 15310-N 15485-Sk 17640-Sk 17760-N 17790-As 17885-Se 21470-Se 21660-N	1300-1330	Indonesian	6030-As 6035-N 7135-S 9540-S 11945-S
1100-1130	English	6190-Me 6195-S 7320-R 9470-Kv 9740-S 11760-As 11865-M 11940-Me 15310-N 15400-A 15485-Sk 17640-Sk 17760-N 17790-As 17830-A 17885-Se 21470-Se	1315-1345 1330-1345	Albanian English	12010-Sk 13755-C Mo-Sa 6190-Me 6195-S 7320-R 7465-Kv 9740-S 11750-N 11760-As 11940-Me 15105-A 15190-B 15310-N 15420-Se 15485-Sk 15565-R 17640-Sk/W 17790-As 17830-A 17885-Se 21470-A 21640-A
1100-1130	Romanian	11680-C			
1100-1130	Pashto	15420-As 17870-C			
1100-1130	Indonesian	7135-S 9510-S 11920-N	1330-1400	Bengali	7225-N 9865-Tk 11835-S
1100-1130	Somali	15530-C 17850-C	1345-1400	English	6190-Me 6195-S 7320-R 7465-Kv 9740-S 11750-N 11760-As 11940-Me 15190-B 15310-N 15420-Se 15485-Sk 15565-R 17640-Sk/W 17790-As 17830-A 17885-Se 21470-A
1100-1200	Arabic	7140-C 11820-C (Su only) 13660-C 15180-R 15555-C (Su only) 17585-Sk 15575-C Mo-Fr			
1100-1200	English	15575-C Su	1345-1415	Hausa	15105-A 17810-A 21640-A
1100-1300	Mandarin	7330-V 9605-Y 11945-N 15285-S 21660-N	1345-1430	Burmese	7135-S 9540-S 11945-S 17675-R
1100-1400	English	6190-Me 6195-S 7135-S 7320-R 9470-Kv 9740-S 11760-As 11865-M 11920-N 11940-Me 15310-N 15485-Sk 17640-Sk 17760-N 17790-As 17830-A 17885-Se 21470-Se	1400-1430	Ukrainian	9585-C 11885-R 13645-R Sa/Su
1130-1145	English	6190-Me 6195-S 7135-S 7320-R 9470-Kv 9740-S 11760-As 11865-M 11920-N 11940-Me 15310-N 15485-Sk 17640-Sk 17760-N 17790-As 17830-A 17885-Se 21470-Se	1400-1445	Hindi	6140-As 7205-N 15160-As Mo-Sa
1145-1200	English	6190-Me 6195-S 7320-R 9470-Kv 9740-S 11760-As 11865-M 11940-Me 15310-N 15485-Sk 17640-Sk 17760-N 17790-As 17830-A 17885-Se 21470-Se	1400-1445 1400-1445 1400-1500 1400-1500 1400-1500 1400-1500	Hindi English English English Dari English	9865-Tk 11920-S 21660-C Mo-Sa 12095-W Su-Fr 15575-C 21660-C Su 6195-Sk 11665-N 13610-C 6190-Me 6195-S 7320-R 7465-Kv 9740-S 11750-N 11940-Me 15310-N 15485-Sk 15565-R 15575-C 17640-Sk/W 17830-A 21470-A
1200-1230	French	15425-R 17780-A 21640-A	1400-1500	Somali	11690-Se 15420-Se 21490-C
1200-1230	English	11865-M 15575-C 17830-A 17885-Se Mo-Fr	1400-1500	Arabic	11820-C 15555-C Mo-Sa
1200-1300	English	6190-Me 6195-S 7320-R 9470-Kv 9605-O 9740-S 11760-As 11865-M 11940-Me 15190-B 15310-N 15485-Sk 17640-Sk 17760-N 17790-As 17830-A 17885-Se 21470-Se	1400-1500 1400-1500 1400-1630	Hindi Russian	6140-As 7205-N 15160-As 9635-C 11845-C 13690-R 15245-W Mo-Fr
1200-1600	Arabic	7140-C 11820-C (Su only) 15180-R 13660-Sk 15555-C (Su only) 17585-Sk 15575-C Mo-Fr	1430-1445	Burmese	9795-S 11945-S 17675-R Sa
1230-1300	English	12010-Sk 13755-C Su	1430-1500	Vietnamese	5990-S 7135-S 9540-S
1230-1345	Albanian	6190-Me 6195-S 7320-R 9470-Kv 9740-S 11750-N 11760-As 11940-Me 15190-B 15310-N 15420-Se 15485-Sk 15565-R 17640-Sk/W 17790-As 17830-A 17885-Se 21470-A	1445-1500	English	6140-As 7205-N 15160-As 21660-C Mo-Sa
1300-1330	English	6190-Me 6195-S 7320-R 9470-Kv 9740-S 11750-N 11760-As 11940-Me 15190-B 15310-N 15420-Se 15485-Sk 15565-R 17640-Sk/W 17790-As 17830-A 17885-Se 21470-A	1500-1530 1500-1530 1500-1530 1500-1530	Nepali Romanian Tajik Tajik	7430-Tk 9705-N 11685-S 11800-R 15300-R Mo-Fr 11945-C

1500-1530	English	5975-S 6190-Me 6195-S 7320-R 7465-Kv 9695-Se 9740-S 11690-Me 11750-N 11940-Me 12095-W 15310- N 15400-A 15420-Se 15485-Sk 15565-R 17640- Sk/W 17830-A 21470-A 21660-C	1615-1630	English	9695-Se 11690-Me 15420- Se 17830-A Sa/Su 9915-C 13685-C 17830-A Mo-Fr 9695-Se 11690-Me Mo-Fr
1500-1545	Urdu	5965-As 7205-N 9510-S 15160-C	1615-1630	Pashto	3255-Me 3915-S 6190-Me 6195-S 7160-S 7320-R 7465-Kv 9410-C/W 9510-S 11955-N 12095-W 15105-W 15400-A 15420-Se 15485- Sk 17790-Sk 17830-A 17885-R 21470-A 21660-C
1500-1600	Arabic	11820-C 15555-C Mo-Sa	1630-1700	Bengali	5990-N 7205-S 9605-S 9915-C 13685-C
1500-1600	Turkish	5875-C 13610-R 15335-Sk	1630-1700	Pashto	9635-C 11845-C 12090-Mo 13745-R 15245-W Sa/Su 9695-Se 11690-Me Sa/Su
1500-1600	Pashto	6195-Sk 9915-C 15575-R	1630-1700	Russian	9535-C 11740-Sk 13670-R Mo-Fr
1515-1545	Sinhala	6140-As 9645-S	1630-1700	English	6030-As 7140-C 11680-R 11820-C 13660-Sk 15180-R 15555-C (Su only)
1530-1545	English	5975-S 6190-Me 6195-S 7320-R 7465-Kv 9705-N 9740-S 11685-S 11750-N 11940-Me 12095-W 15310- N 15400-A 15485-Sk 15565-R 17640-Sk/W 17830-A 21470-A 21660-C	1630-1700	Ukrainian	6030-As 7140-C 9915-C 11680-R 11820-C 13660-Sk 15180-R 15220-W
1530-1615	Swahili	9695-Se 11690-Me 15420- Se Sa/Su	1700-1730	Azeri	5875-C 9570-C 11855-Sk
1530-1630	Swahili	9695-Se 11690-Me 15420- Se Mo-Fr	1700-1730	Albanian	6050-C 11920-Sk 13650-Sk
1545-1600	Urdu	5965-As 9510-S 15160-C	1700-1730	Hindi	6065-As 7205-S 9605-N 11690-N
1545-1600	English	5975-S 6190-Me 6195-S 7320-R 7465-Kv 9740-S 11750-N 11940-Me 12095- W 15310-N 15400-A 15485-Sk 15565-R 17640- Sk/W 17830-A 21470-A 21660-C	1700-1730	English	3255-Me 3915-S 6005-Se 6190-Me 6195-C/R 7160-S 7320-R 7465-Kv 9410-C/W 9510-S 9630-Se 11945-Me 11955-N 12095-W 15105-W 15400-A 15485-Sk 17830- A 17885-R 21470-A
1545-1615	Tamil	6140-As 7205-N 9645-S	1700-1800	Russian	9635-C 11845-C 13745-R 15245-W Sa/Su
1600-1615	Dari	7105-N 9915-C	1700-1800	Farsi	6090-As 13610-N 15380-R
1600-1615	English	3255-Me 3915-S 6190-Me 6195-S 7160-S 7320-R 7465-Kv 9410-C/W 9510-S 11955-N 12095-W 15105-W 15400-A 15485-Sk 17790- Sk 17830-A 17885-R 21470-A 21660-C	1716-1800	Arabic	6030-As 7140-C 9915-C 11680-R 11820-C 13660-Sk 15180-R
1600-1630	Uzbek	9615-S 11945-As 12090-Mo 17630-R	1730-1745	English	6050-C 11920-Sk 13650- SkMo-We
1600-1630	Arabic	7140-C 11820-C 13660-Sk 15180-R 15555-C (Su only) 17585-Sk	1730-1746	English	3255-Me 3390-Me 3915-S 6005-Se 6190-Me 6195-C/R 7160-S 7230-Me 7320-R 7465-Kv 9410-C/W 9510-S 9525-Me 9630-Se 11945- Me 11955-N 12095-W 15105-W 15400-A 15485- Sk
1600-1630	Russian	9635-C 11845-C 13745-R 15245-W Sa/Su	1730-1800	Urdu	17830-A 17885-R 21470-A 6065-As 7205-S 9605-N 11690-N
1600-1700	Farsi	6090-As 6195-Sk 13610-N 15380-R			
1600-1700	Ukrainian	9535-C 11740-Sk 13670-R Sa/Su			
1600-1700	Arabic	15555-C Mo-Sa			
1615-1630	English	3255-Me 3915-S 6190-Me 6195-S 7160-S 7320-R 7465-Kv 9410-C/W 9510-S 11955-N 12095-W 15105-W 15400-A 15485-Sk 17790- Sk 17885-R 21470-A 21660-C			

1746-1800	English	3255-Me 3915-S 6190-Me 6195-C/R 7160-S 7320-R 7465-Kv 9410-C/W 9510-S 11945-Me 11955-N 12095- W 15105-W 15400-A 15485-Sk 17830-A 17885- R 21470-A	2100-2200	Arabic	5875-R 6030-As 7140-C 9915-C 11680-Sk 13660-Sk
1746-1800	Swahili	6005-Se 7230-Me 9630-Se	2200-2300	Arabic	5875-R 7140-C 9915-C 11680-Sk
1800-1830	French	5985-Me 15105-A 15180-R 17885-A 21630-A	2200-2300	Indonesian	3915-S 6080-S 7275-S 9730-N
1800-1830	Somali	6005-Se 9630-Se 15380-Sk	2200-2300	English	5955-S 5965-N 5975-M 6195-S 7105-As 9740-S 12095-R 15400-A
1800-1830	Romanian	6050-C	2200-2300	Mandarin	7160-N 9580-K 9610-N 11945-Y 11980-N 13790-As
1800-1830	English	3255-Me 5975-N 6190-Me 6195-C/R 9410-C 9510-S 11945-Me 15400-A 17795- Sk 17830-A 21470-A	2215-2245	Greek	6180-C 7210-C 9760-C Fr- Su
1800-1900	Russian	7325-C 9635-C 11845-C 13745-R Sa/Su	2300-2330	English	3915-S 5965-N 5975-M 6195-S 9740-S 11945-Y 11900-N 11955-N
1800-1900	Arabic	6030-As 7140-C 9915-C 11680-R 13660-Sk	2300-2330	Mandarin	9580-K 11980-N 13790-As
1800-2000	Farsi	6090-As 11825-N 13610-N	2300-2330	Vietnamese	6080-S 7105-N 11685-S
1830-1900	English	3255-Me 6005-Se 6190-Me 6195-C/R 9410-C 9630-Se 11945-Me 12045-N 15400- A 17795-Sk 17830-A 21470-A	2330-2400	English	3915-S 5965-N 5975-M 6195-S 9580-K 9740-S 11945-Y 11900-N 11955-N
1900-1915	English	3255-Me 6005-Se 6190-Me 9410-C 9630-Se 12045-N 12095-A 15400-A 17795- Sk 17830-A			
1900-2000	Ukrainian	9605-C 11990-Sk 13745-R Mo-Fr			
1900-2000	Arabic	6030-As 7140-C 9915-C 11680-R			
1900-2000	Russian	5875-C 7325-C 9635-C 11845-Sk Sa			
1915-1930	English	3255-Me 6005-Se 6190-Me 9410-C 9630-Se 12045-N 12095-A 15105-A 15400-A 17795-Sk 17830-A 17885- A			
1930-2000	English	3255-Me 6005-Se 6190-Me 9410-C 9630-Se 12045-N 12095-A 15400-A 17795- Sk 17830-A			
1930-2000	Turkish	6050-C 11720-Sk Mo-Fr			
1930-2000	Hausa	11855-A 15105-A 17885-A			
2000-2100	Arabic	6030-As 7140-C 9915-C 11680-R 13660-Sk			
2000-2100	English	3255-Me 6005-Se 6190-Me 6195-C 9410-C 9630-Se 12095-A 15400-A 17830-A			
2030-2100	Portuguese	3390-Me 6135-Me 7205-Me 11855-A 13745-R 15105- Sk			
2100-2130	English	11675-G Mo-Fr			
2100-2200	English	3255-Me 3915-S 5965-N 6005-Se 6190-Me 6195-N 11945-Y 12095-R 15390-M 15400-A			

A=Ascension  
 Ar=Armavir  
 As=A'Seela  
 B=Bonaire  
 C=Cyprus  
 D=Dhabbaya  
 De=Delano  
 Du=Dushanbe  
 G=Greenville  
 I=Irkutsk  
 K=Kimjae  
 Kg=Kigali  
 Kv=Kvitsoy  
 M=Montsinery  
 Me=Meyerton  
 Mo=Moscow  
 N=Nakhon Sawan  
 No=Novosibirsk  
 O=Okeechobee  
 R=Rampisham  
 S=Singapore  
 Sa=Samara  
 Se=Seychelles  
 Sk=Skelton  
 St=Santiago  
 T=Taipei  
 Tk=Tashkent  
 V=Vladivostok  
 W=Woofferton  
 Y=Yamata  
 Ye=Yerevan

(Gupta-INDIA)



# Pirate Radio Report

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Hello and welcome to the May 2006 edition of the *Pirate Radio Report*. Conditions on the pirate bands continue to remain viable, even though static levels are increasing. Enjoy it while it lasts! We also have several first time reporters. Keep those logs a coming. Because of the later sunsets, pirates should propagate later into the evening during the summer. On to the logs. **Lots of logs to catch up with.** Many thanks to the following contributors: Eric Bueneman-MO, John & Sandy Davis-OH, Joe Wood-TN, George Zeller-OH.

**Captain Morgan**, the pro Jamaican rum station, was noted on April 6<sup>th</sup> at 0100 UTC with a mix of rock and soul music from the 1960s to the present, ID and possible "QSL" mention. It's strange that they don't announce an E-mail address or a mail drop. Fair signal in AM on 6925 kHz. [Bueneman-MO]

**Laser Hot Hits**, noted during a very nice weekday opening to Europe at 0332 past 0350 UTC on 6275 kHz in the AM mode on April 25<sup>th</sup>. Pop music, talk by male DJ. Mentions of a web site and passwords. Merlin, Ontario maildrop announced as well.

**Pirate Radio Boston**, owned and operated by ex-NASWA columnist from the 1960s, Charlie Loudenboomer, was heard on 6925.3 kHz AM mode from \*0046 UTC until 0117 UTC on April 2<sup>nd</sup> Prgm of rock mx. Mention of other pirates including R. Free Euphoria. Seemed to give both Belfast and Stoneham addresses at various points during the show. [Zeller-OH]

**The Crystal Ship**, with The Poet at the helm, was logged on 6854 kHz AM on April 24<sup>th</sup> at 0019 UTC past 0056 UTC. Mentions of Blue States, IDs and parody music. Songs included "Wildwood Flower" by Jim Stafford. [Wood-TN].

**TIE/Take It Easy Radio**, run by The Desperado, was heard on April 8<sup>th</sup> at 2230 UTC with Classic Rock and talk in English. The

station had a fair signal in USB on 6925 kHz.


**Undercover Radio**, Dr. Benway's Station, was logged on 6925 kHz USB with a station ID at 2256 March 26<sup>th</sup> Talked about the freedom of speech. [Davis-OH] 6925u Pirate, USA, **Undercover Radio**, noted on April 24<sup>th</sup> at 0102 UTC with a Twentieth anniversary show. IDs as both Undercover Radio and Progressive Music Radio. Commentary and music in English. Great show-very interesting. Good-VG. [Wood-TN].

**Voice Of Captain Ron Shortwave**, noted on 6925 kHz USB from 0124-0205 sign off on April 2<sup>nd</sup>. Announced as a live Saturday night transmission. Program of rock mx. Gave a hotmail.com address, which I did not copy clearly. [Zeller-OH]

**Voice Of The Runaway Maharishi**, noted on 6925 kHz USB, on April 20<sup>th</sup>-21<sup>st</sup> from \*2345 sign on, 0021 sign off. Talk by the Maharishi and parody music. Mentions of broadcasting from a "Magic Carpet." Gave addy as: POB 1, Belfast, NY 14711, USA. At 0019 an male announcer came on and said this was a replay of program 18 and QSLs would be available c/o Radio Free Euphoria at the Belfast address. Lots of static. Poor to Fair. [Wood-TN] This station was often heard during the 1995-1997 era.

**WEAB**, a new one? Heard on 6925 kHz USB \*2110-2122\* on April 23<sup>rd</sup>. Sign on with a trumpet or bugle, into a short program of rock mx with a couple of definite IDs. No address heard. [Zeller-OH]

**WBNY** aka "The Voice Of The Rodent Revolution" was logged on 6925 kHz from 1926 sign on until 1934 sign off on April 1<sup>st</sup>. Started program w/Texan (not Swiss) yodeling, followed by the Peter Cottontail Song. Discussion of frequencies, and also a discussion of Viagra. Weaker level than usual. No address announced. [Zeller-OH]

Until next month, Happy Pirate DX! 

# QSL Report

Sam Barto • 78 Blakeman Road • Thomaston, CT 06787



**BONAIRE:** Radio Nederland f/d "Amsterdam" cd. in 2 wks. (Myers-CO).

**BOTSWANA:** Voice of America 4930 f/d "Sao Tome" cd. in 7 wks. (Barto-CT).

**BRASIL:** Radio Clube Paranaense 6030  
\* via Curitiba n/d ltr. w/ very nice postcard in 33 ds. v/s Marisa Zan-on, Gerente Administrativa. This was for a PT rpt., ms. and \$1.00. I also enclosed a postcard of Harpers Ferry. I've been chasing this one for 20 yrs!

**ARMENIA:** Voice of Russia 7250 via (Vranes-WV). Gavar f/d "Saint Petersburg" cd. in 1 mo. I also rcvd. schedule. (Barto-CT)...Out of order.

**CANADA:** Radio Canada International 13655 cd. w/ ltr. and a bookmark in 2 mos. for an e-mail rpt. (Myers-CO). Radio Austria International 13675 via Sackville ltr. and card combo in 11 ds. for an e-mail rpt. (Myers-CO). Radio Sweden International 6010 via Sackville card w/ schedule in EG, GM and Swedish in 1 mo. for an e-mail rpt. (Myers-CO).

**CHINA, PEOPLES REPUBLIC OF:** China Radio International "Endangered Species" cd. w/ a New Years cd. and a personal note in 1 mo. (Field-MI). Voice of Puijiang 3280 and 4950 f/d ltr. in EG in 7 wks. w/ schedule. v/s Chen Wei. (Barto-CT).

**CLANDESTINE:** Radio Republica 6000 and 7205 p/d form ltr. w/ brochures


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**Station Notes:** WYFR 9450 via Irkutsk, 7520 via Krasnodar and 9490 via Moscow use the Oakland, CA address. Radio Okapi 11690 via Meyerton v/s Kathy Otto. Addr: Private Bag X06, Honeydew 2040, South Africa. Missionswerk Werner Heukelbach 7300 via Krasnodar Addr: DE-51700 Bergneustadt, Germany. Radio Malaysia 6310 Addr: SRS Deutschland, PF 101145, DE-90110 Eisenach, Germany. v/s V. Maury. Radio Free Asia 11510 via Almaty v/s A.J. Janitschek. All India Radio 11715 via Panaji v/s S. Jayaraman, Superintending Engineer. Radio Traumland 5925 via Julich Addr: P.F. 15, BE-4730, Raeren, Belgium... via PLAY DX...Sam.

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and schedule in 2 wks (Barto-CT). 6135, 7110 and 7160 ltr. in SP & EG in 6 wks. w/ newspaper article & schedule. (Field-MI).

**CUBA:** China Radio International 13740 via Radio Habana f/d "Pangolin and Baby" cd. in 2 wks. for an e-mail rpt. (Myers-CO).



**United Radio Broadcasters of New Orleans QSL Card**

Providing a lifeline of information and hope to the people of Louisiana in the wake of Hurricanes Katrina and Rita.

**Radio VOP**  
 Voice of the People

From: VOP ZIM  
 To: rdangelo3@aol.com, vorpop@ecoweb.co.zw  
 Subject: Re: Reception Report: Radio Voice of the People (Zimbabwe)  
 Date: Fri, 24 Feb 2006 13:08:49 +0000 (GMT)

Richard,  
 Thanks very much. Indeed you listened to Radio Voice of the People (VOP) for Zimbabwe.  
 More from us...  
 John Masuku  
 Executive Director VOP

**ECUADOR: HCJB Voice of the Andes** cd. w/ a signed ltr. from the program director and religious literature in 5 wks. for an e-mail rpt. (Myers-CO).

**EL SALVADOR: Radio Imperial**  
 \* 17835 personal hand written ltr. in 1 mo. on my 4th try. v/s Pedro Mendoza Lopez, Pastor of Roca de Poder Church. (Field-MI).

**ENGLAND: Korean Broadcast-**

**LISTENERS NOTES: Scott Barbour** in Intervale, NH says with the steady decline in SW stations worldwide, he doubts he

will ever get to 200 C/V but 150 C/V seems realistic. **Bill Wilkins** in Springfield, MO wonders if there is a magic secret to getting a QSL from the Voice of Indonesia. He is very successful in getting schedules and Christmas cards but no QSL. Anyone got any ideas?

**ing Service 15365** via **Rampisham** f/d cd. in Arabic w/ ltr. in Arabic in 10 mos. Also rcv'd

a 35 page booklet about the history of Korean broadcasting and a multi language schedule. (Field-MI)  
**Radio Ndeke Luka** 11660 and 11760 via **Woofferton** f/d cd. from Fondation Hirondelle in Switzerland in 3 mos. (Barto-CT). **WYFR 15520** via **Skelton** (not UAE as found in other sources) f/d cd. w/ cardboard station pennant. (Field-MI).

**TIFC**  
 Lighthouse of the Caribbean  
 Faro del Caribe  
 Box 2710 — 1.000  
 San José, Cesto Rico, C. A.



"Let your light so shine before men, that they may see your good works, and glorify your Father which is in heaven". Matthew 5:16

"LIGHTING THE WAY TO LIFE"  
 "Iluminando el Sendero de la Vida"

Frecuencias:

1.080 KHz. broadcast band  
 6.175 Mhz. 49 meter band  
 9.645 Mhz. 31 meter band  
 5.055 Mhz. 60 meter band  
 97.1 Mhz. FM

We happily confirm your reception of TIFC, Lighthouse of the Caribbean.

Con el mayor gusto confirmamos su recepción de TIFC, Faro del Caribe.

*Administrador*  
 Program Department  
 Departamento de Programas

*Administrador*  
 Administrador

**EUROPEAN RUSSIA: Radio Sedoye Dzendegi / IBRA Radio 7395** via **Armavir** f/d cd. in 3 mos. (Barto-CT). **Voice of Russia 7390** via **Samara** f/d "Saint Petersburg" cd. in 5 wks. (Barto-CT).

**GERMANY: Radio Liberty 11805** via **Lampertheim** cd. in 1 mo. (Barto-CT). 9585 f/d cd. in 1 mo. (Barto-CT). 9590 f/d cd. in 7 wks. (Barto-CT).

11805 f/d cd. in 5 wks. (Barto-CT). 7175 f/d cd in 6 wks. (Barto-CT). 15205 via **Biblis** cd. in 1 mo. (Barto-CT). **Voice of America 12110** via **Julich** beautiful calendar with elaborate program schedule in 5 wks. With the budget cuts does the program guide need to be the best I've ever seen? (Field-MI).

**Minivan Radio 11800** via **DTK Julich** cd. in 2 mos. from **WRMI** (Field-MI).

To: **Scott R. Barbour, slr**  
 Confirming your listener report On **30 68 2005** at **1020-1036**  
 (Day) (Month) (Year)  
 UTC

**7120 kHz on the 41-meter band**  
 Wantok Radio Light P.O Box 1273,  
 Port Moresby, N.C.D, PNG  
 Email: info@wantokradio.net

105.9 FM & 7120 MHz  
**WANTOK**  
**RADIO LIGHT**  
 Your Inspiration Station



How can people have faith in the Lord and ask him to save them, if they have never heard about him? And how can they hear, unless someone tells them?

Romans 10:14, CEV

To God be the glory

**Radio Taiwan International** 6120 via Nauen (EastGermany) cd. w/ other info. in 5 wks. (Field-MI).  
**IBRA Radio** 9660 via Wertachtal f/d cd. w/ personal note from Eva Skog. The QSL came from Sweden. (Field-MI).

**GOA: All India Radio** 9820 via Panaji f/d "Animal Figure, Baimbetka" cd. in 50 ds. v/s Y.K. Sharma. Very happy with this one. I've been trying to verify this station since it came on the air 10 years ago. (Vranes-WV)...It finally paid off...Sam

**GREECE: Radio Liberty** 17730 via Kavala p/d cd. in 1 mo. (Barto-CT). 15255 cd. in 1 mo. (Barto-CT). 7220 cd. in 1½ mos. (Barto-CT). 9520 f/d cd. in 1 mo. (Barto-CT). 11705 cd. in 5 wks. (Barto-CT). 7220 f/d cd. in 6 wks. (Barto-CT).

**GUYANA: Voice of Guyana** 3291 p/d ltr. in 60 ds. for \$2.00. This is my first QSL after getting back into shortwave listening after nearly a 20 year hiatus! (Smith-MA)...Congratulations....Sam.

**INDIA: All India Radio FM Gold** 7270 via Chennai f/d "Stupa 1" cd. in 51 ds. v/s Y.K. Sharma. (Vranes-WV). **All India Radio FM Gold** 7195 via Mumbai f/d "Taj Mahal, Agra"

**STATION NOTES: Radio Georgia** 11910 via Busheti Addr: Kostava Street 68, Tbilisi 380071, Georgia. **Christliche Wissenschaft** 9890 via Wertachtal Addr: DTK Julich. **HCJB** 3995 via DTK Julich Addr: DTK Julich. **MV Baltic**

**Radio** 6045 Addr: R&R Medienservice, Roland Rohde, Seestrasse 17, DE-19089 Gohren, Germany. v/s Roland Rohde...via PLAY DX...Sam.

cd. in 33 ds. (Vranes-WV). 15795 and 17705 via Bangalore f/d "Qutb Complex" cd. in 7 wks. (Barto-CT). 11620 f/d cd. in 7 wks. (Barto-CT). 13710 f/d "Wild Boar" cd. in 3 mos. (Barto-CT). 11620 f/d "Qutb Minar in New Delhi" cd. in 2 mos. (Barto-CT). 6165 and 11585 via Kingsway f/d "Gateway to Isa Khan's Mosque and Tomb" cd. in 7 wks. (Barto-CT). 7410 f/d "Qutb Minar" cd. in 2 mos. (Barto-CT). 11840 f/d "Qutb Complex" cd. in 7 wks. (Barto-CT). 11935 via Mumbai f/d cd. in 6 wks. (Barto-CT). 9620 via Alligarh

f/d "Khan's Mosque and Tomb" cd. in 7 wks. (Barto-CT). 11620 via Delhi f/d "Wild Boar" cd. in 3 mos. (Barto-CT). 9950 f/d cd. in 2 mos. (Barto).

**IRAN: Voice of the Islamic Republic in Iran**

15545 via Sirjan p/d cd. w/ folder, schedule and a mini-sheet of stamps regarding the 2004 earthquake in Bam. All in 5 wks. (Barto-CT). 6215 p/d cd. in 2 mos. (Barto-CT). 9575 p/d cd. in 5 wks. (Barto-CT). 7380 via Kamalahabad p/d cd. in 2 mos. (Barto).

Radio Sultanate of Oman  
 Ministry of Information  
 PO Box 600, Muscat  
 Sultanate of Oman  
 Tel: 603888, 601538  
 Telex: 5265 INFORM ON  
 Fax: (968) 602055

Dear Mr. Scott R. Barbare  
 Thank you for your reception report and we are pleased to confirm the transmission of Radio Sultanate of Oman

in your country  
 on the frequency of 15.545 kHz  
 at 1.55.17 hrs (GMT)  
 on 17.12.2004  
 transmitted from Sultanate of Oman  
 (Muscat)

Your further reports as well as comments on our programs will be much appreciated.

With best wishes from Radio Sultanate of Oman.



7165 p/d cd. in 5 wks.(Barto-CT). 9735 via Ahwaz p/d cd. in 5 wks.(Barto-CT).

**JAPAN:** Radio Japan 6110 f/d "Red Crowned Cranes" cd. w/ 2 program guides and a rpt. form in 1 mo. for an e-mail report. (Myers-CO).

**KALININGRAD:** Radio Netherlands 6015 f/d cd. in 37 ds. for an e-mail rpt. This was rcvd. at the WinterFest.(Neal-KS).

**KUWAIT:** Voice of America 12140 f/d "Sao Tome" cd. in 7 wks.(Barto-CT).

**MALTA:** Radio Jamahiriyyah I rcvd. an unsigned standard QSL card stating that the Hamrun address no longer answers reports. (Field-MI).

**MOLDOVA:** Voice of Russia 7180 via Grigoriopol f/d

**Station Notes:** Radio Japan 17650 via Ascension Island v/s A. Ishino. China Radio International 17490 via Kashi Addr: P.O. Box 4216, CRI-2, Beijing 100040

Peoples Republic of

China. Radio Minivan 12015

via DTK Julich

Addr: Bastianstrasse 11-19, DE-

52428 Julich, Germany. v/s Walter

Brodowsky...via

PLAY DX....Sam.

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"St. Petersburg" cd. in 1 mo.(Barto-CT).

**MOROCCO:** Voice of America

15370 f/d "50 Years of Broadcasting" cd. in 6

wks.(Barto-CT). Radio Liberty 11875 f/d cd. in 6 wks.(Barto-CT).

**NEW ZEALAND:** Radio New Zealand International 9885 colored e-QSL card in 2 wks. for an e-mail rpt. (Myers-CO).

**PAPUA NEW GUINEA:** Radio Southern Highlands 3275 f/d ltr. on NBC inter-

office memo in 6 wks. v/s Andrew Melles, Director. (Barto-CT). Wantok

Radio Light 7120 f/d cd. in 5 wks. w/ form ltr. indicating that the station

is located in a shipping container on the outskirts of Port Moresby. v/s

\* Sarah Good. (Barto-CT). Radio Saint Gabriel 4960 f/d ltr. in 5 wks. v/s

Steven Gimbo, Director.(Barto-CT).

**PERU:** OBX6I Radio Melodia 5939.4 f/d ltr in 2 mos. for a SP rpt. v/s L. Roxana

Delgado Alvarez, Gerente F.M. and Elba Alvarez de Delgado, Manager.(Barto)

**PHILIPPINES:** Voice of America 7215 via

Tinang f/d "Sao Tome" cd. in 7 wks. (Barto-CT).

**RUSSIA:** Voice of Russia 15595 e-mail reply in @15 hours from the English

Service Program Director. (Myers-CO).

**SAO TOME:** Voice of America 7290 f/d cd. in 7 wks.(Barto-CT).

**SLOVAKIA:** Radio Slovakia International 7230 "St. Martin's Cathedral in Bratislava" cd. in 5 wks. for an e-mail

rpt. (Myers-CO).



RADIO STATION: PRINCE'S ST. HELENA, SOUTH ATLANTIC OCEAN  
Telephone 290 4669. Fax (290)3342  
E-Mail address: shelena.se

**ZD7RSD**

via D'Angelo

**Radio St. Helena**

*turns me on!*



# RFA

**RADIO FREE ASIA**

We are pleased to verify your reception report of the transmission of our 11590 language program on March 29, 2005, 1130 UTC on 11590 kHz. Your data corresponds with our station log of the same day. Thank you for your interest. Further reports are welcome.

Sincerely,

Your friends at Radio Free Asia

The QSL card commemorates the 10th Annual SWL Festival being held in Kulpsville, Pennsylvania from March 11-12, 2005. This is the largest gathering of listeners in the radio spectrum - longwave, shortwave, microwave (broadcast), VHF/UHF, FM, scanners, television and satellites - in the United States.



Richard D'Angelo  
2216 Burkley Drive  
Wyomissing, PA  
19610

**SOUTH AFRICA: WYFR Family Radio** 11655 via Meyerton f/d ltr. in 5 wks. v/s Kathy Otto. (Field-MI). **FEBA Radio** 12125 f/d ltr. in 5 wks. v/s Kathy Otto, Broadcast Planning. (Field-MI). **Christian Voice** 9555 f/d ltr. in 5 wks. v/s Kathy Otto. (Field-MI)

**SRI LANKA: Voice of America** 7340 via Iranawila f/d "Sao Tome" cd. in 7 wks. (Barto-CT).

**TAIWAN: Radio Taiwan International** 11635 via Pao-chung p/d "Bamboo Lanterns" cd. w/ schedule in 7 wks. (Barto-CT). 11710

via Huwei same cd. in 2 mos. (Barto-CT).

**STATION NOTES: Radio 73** 9290 via Riga Addr: Matt-hais Krause, Dorfstrasse 36, D-25474 Bonningstedt, Germany. v/s Matthais Krause. **Radio City** 9290 via Riga Addr: Ostra Porten 49, S-44 254 Ytterby, Sweden. **Radio RTN** 9290 via Riga Addr: Ytterby address. **Radio Scotland International** 6266 / 6423 Addr: PB 85, NL-9410 AB, Beilen, Netherlands. **Radio Waves International** 9290 via Riga e-mail addr: rwaves@free.fr. **Trans World Radio** 7175 via Ekaterinburg Addr: P.O. Box 141, A-1235 Vienna, Austria. ...via PLAY DX...Sam.



http://www.cbs.org.tw  
fax: 886-2-5982284  
E-mail: cbs@cbs.org.tw

台北國際之聲  
Radio Taipei International

**TAJIKISTAN: Voice of Russia** 7570 via Dushanbe f/d "St. Petersburg" cd. in 6 wks. (Barto-CT).

**USA (Pirates): Mac Shortwave** 6950 p/d cd. in 83 ds. for an e-mail rpt. (Wood-TN).

**UZBEK: Radio Vatican** 9310 f/d "Nicholas V Tower" cd. in 3 mos. (Barto-CT).

**VATICAN: Radio Vatican** 11850 and 13765 f/d cd. w/ sticker and schedule in 3 mos. (Barto-CT).

**YEMEN: Radio Sana'a** 9780 cd. w/ a very nice ltr. for a rpt. sent by registered mail. v/s Eng. Ali-Tashy. (Lawrenson-RI).

RAI INTERNATIONAL  
WE HAVE RECEIVED YOUR RECEPTION REPORT AND WE CONFERM THE INFORMATION. THANKING YOU FOR YOUR COLLABORATION BEST WISHES  
RAI INTERNATIONAL

Scott R. Berbovr Jr.  
P.O. Box 893  
Intervale, N.H.  
03845  
U.S.A

Much better QSLing this time around. See you all next month....Sam

*Sam*

# Contributors' Page

Bob Montgomery • P.O. Box 1458 • Levittown, PA 19058 • RMonty23@netzero.net

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


The following members sent in contributions:

Mike AGNER, Glen Burnie, MD	RX-320, Palomar pre, indoor ant.
Brian ALEXANDER, Mechanicsburg, PA	NRD-545 AOR AR-7030 100' LW
Scott BARBOUR, Intervale, NH	R-75, MLB-1, 200' Beverage
Forrest S. BISHOP, Cincinnati, OH	Sangean ATS-909 with a built-in antenna
Mike BRANCO, Islip, NY	No equipment listed
Paul BROUILLETTE, Geneva, IL	Drake R8, ICF2010, 60' long wire
Eric BUENEMAN, Hazelwood, MO	ATS803S, MFJ-1778, G5RV, MFJ956 tuners
John CALLARMAN, Krum, TX	NRD-525, 80' inverted L
George CARAS, Saco, ME	RX340, R8B, Orion, R30, SE3, 550lw, verticals
Rich D'ANGELO, Wyomissing, PA	TenTec R340, Lowe HF-150, DX Sloper
John DAVIS, Johnstown, OH	4-R390A, 3-R391, R392
Jim EVANS, Germantown, TN	RX340, 30 m wire, R8B AN-LP1
Marlin FIELD, Hillsdale, MI	NRD535D, Eavesdropper ant
Bob FRASER, Belfast, ME	Sony ICF-2003 ICF-SW100S 2m LW
George HERR, Playa del Rey, CA	G303e. R8B. 45' lw, Am Rad active antenna
Ron HOWARD, Monterey, CA	NRD545, LW 160'
Richard LAWRENSON, Tiverton, RI	ICOM R-71A
William McGUIRE, Cheverly, MD	DX-380
Bob MONTGOMERY, Levittown, PA	NRD535D, R390A, RX320, HF150, SE3, T2FD,
Bill MONTNEY, Lachine, MI	AOR 7030+, 80' random wire
Bill MORRISSEY, MA	R75, Sat 800, 100' LW
Sheryl PASZKIEWICZ, Manitowoc, WI	ICOM R-8500, NRD345, AOR LA-350 loop
Jim RENFREW, Byron, NY	Drake R8B, 1000 bev w/ 100' wire, Quantum Phaser
Jim RONDA, Tulsa, OK	FRG-100B, FRG-7, Eavesdropper
Paul SHINN, Valley Springs, CA	R5000, R390A, 160' LW
Louis Crisler SMITH, Thurmont, MD	R-75, 160' long wire
Dan SREBNICK, Aberdeen, NJ	Sat 800, 130' inverted
Mark TAYLOR, Madison, WI	R-75, Sat 800, EWE, Eavesdropper
Joe WOOD, Gray, TN	DX-390, Grundig Mini 100 PE, whip antenna 

## Pirate Radio Report Extra by Chris Lobdell

Two logs we didn't have room for in this month's Pirate Radio Report column:

**WMPR**, everyone's favorite techno pirate, was logged on 6955 kHz on April 5<sup>th</sup> from 0038-0102+. UTC Techno mx with more vocals than usual. Strong QRN. [Wood-TN]

**WNKR**, The British Station, [*West and North Kent Radio*] with an apparent North American relay, most likely by **Channel Z**, noted on 6925 kHz on April 28<sup>th</sup>, in the AM mode from 0058 sign on past 0120 with pop music, talk by an English accented male announcer. Talk about Good Friday in Britain. [Lobdell-MA] 


# Tropical Band Loggings

Dan Ferguson • 4205 Friendfield Trace • Little River, SC 29566 • troplogs@zerobeat.org

- 2310 **AUSTRALIA VL8A** Alice Springs 1011 soccer match, M anc; fair 3/30. (Herr-CA) 1231-1240 two M w/EE sports cmtry; F/P 3/25. 2325 not heard. (Brown-MO)
- 2485 **AUSTRALIA VL8K** Katherine 1012 //2310 soccer match M anc; fair 3/30. (Herr-CA) 0931-0935 EE sports; 3/18. (Brown-MO)
- 2850 **N.KOREA KCBS** 1232 KK opera; P/F 3/19. Also 1243-1250 KK martial mx; poor // 4450, no sign of 3320; poor 3/36. (Brown-MO)
- 3200 **SWAZILAND TWR** 0415-0436 choir vocals, W w/rel talks in GG; mx & talk to 0429 EE ID, anmts, times & frequencies prior to "Insight for Living" pgm. P/F //4775 fair; 3/20. (D'Angelo-PA) 0432-0455 in EE rel sermon, gone by 0455; good but high noise 3/10. (Caras-ME)
- 3204.97 **PNG R. West Sepik** 1135 W anc, mx; M interview W in lang; poor 4/15. (Herr-CA) 3205, R.Sandaun; 1222-1232 M in dialect w/small talk, mx bridges, into South Seas mx; good 3/26. (Brown-MO)
- 3215 **USA WWCR** 0235 M w/EE talk on detoxification program; poor 3/25. (Herr-CA) 0540 program "Rock the Universe" with lots of 50's music and some Motown w/M DJ in EE; 0545 song "Will you still love me tomorrow". Gave Hanover, Michigan address for QSL. Good 4/10. (Shinn-CA)
- 3220 **ECUADOR HCJB** 1022 SS Bible reading & gospel mx; F/P 4/16. (Ronda-OK)
- 3230 **ZIMBABWE (Cland) SW Radio Africa** \*0300-0330+ S/on with "Africa" jingles & opening EE anmts w/ID; talk about Zimbabwe politics; local mx; rel pgm 0325; poor in noisy conditions 3/19. (Alexander-PA) Presume via S.Africa - df
- 3235 **PNG R. W. N. Britain** 1224 local choralmx; good 3/26; best PNG in MO. (Brown-MO)
- 3249.7 **HONDURAS HRVC, R. Luz y Vida** 0232-0254 M w/ SS rel talks & mx; ID 0250, then EE ID/freq anmt 0251 mentioning "English program from 9-10 PM" (local time) then radio drama with big drop in audio. Fair at best 3/26. (Barbour-NH) 0150 W SS vocals; a little rough 3/18. (Brown-MO) 0347-0354 Xmas mx in EE "Joy to the Newborn King" "Come All Ye Faithful". M in SS w/ ID & NA; good 3/26. (CrislerSmith MD)
- 3266.4 **INDONESIA RRI Garantalo** (P) 1131 down in noise, 4/15. (Herr-CA)
- 3279.7 **ECUADOR LV del Napo** 0501-0520 SS, R. Maria rel pgr; 3/10. (Caras-ME) 3279.6, 1045 SS rel pgr; mx; poor 3/20. (Herr-CA) 3279, 1032 two M in SS with what sounded like a church service; several familiar hymns; fair 3/26. (Wood, TN)
- 3280 **CHINA V. Pujiang** Shanghai 1253-1301 M&W CC talk; good 3/19. (Brown-MO)
- 3291v **GUYANA V. Guyana** 0600 M&W w/EE nx; good 4/9. (Shinn-CA) 0327 W w/BBC EE nx; good 4/3. (Shinn-CA) 0935 with EE rel pgm & soft gospel vocals; fair 4/4. (Ronda-OK) 0353-0401 EE trad black gospel ballads. YL choir; ID 0400; M&W w/nx. P-F 3/27. (CrislerSmith-MD) 0900 M anc "You are tuned to the VO Guyana"; fair 4/1. (Herr-CA) 0050 M EE ID, fair. Also strong 0345 w/local dance mx. 3/25 (Brown-MO) 0326-0410 rap mx followed by a number of cuts from Michael Jackson's "Thriller" album. ID 0400, then BBC World News. F/G 4/9. (D'Angelo-PA) 0434-0445 M EE nx at t/i; talks about schools and missionaries of the 50's; interviews; clear 3/22. (Montgomery, PA) 0233-0238 EE Reggae & hip-hop. No DJ banter, just mx. tropical QRN. p-f 4/9 (CrislerSmith MD) 0038 songs by Hank Williams and Patsy Cline; I thought I had fallen into a time warp and was back in Tulsa, early 1950s! F/G 3/26. (Ronda-OK) 0123-0135 EE, light pop/oldies music, ID 0129, classical mx program; poor 4/3. (Barbour-NH)
- 3310 **BOLIVIA R. Mosoj Chaski** 0932-0948 M in Queshua, ID & into rustic vocals; poor 3/26. Also 0051-0106 W anc w/talk in Quechua. Brief choral vocals, ID, more talk; pPoor in noisy conditions 4/11. (D'Angelo-PA)
- 3320 **S.AFRICA R. SonderGrense** Meyerton 0341-0346 Afrik. W DJ spinning soft-rock & MoR mx. Her easy banter b/n tunes. p-f 4/23 (CrislerSmith-MD) 0432-0452 in Afrik, mx, field reports, best ever heard 3/23. (Caras-ME) 0400 light classical mx; M in Afrikaans. poor 4/2. (Herr-CA) 0340 light classical mx & opera vocals; VG 4/9. (Ronda-OK)
- 3335 **PNG R. East Sepik** 1133 Island mx; EE nx 1200; fair 4/15. (Herr-CA)
- 3340 **HONDURAS HRMI, R. Misiones Int'l** 0355 M SS ID; good 3/25. (Brown-MO) 0231-0301 long SS rel talk to 0255; music, full ID; fair 3/25. (Taylor-WI) 0452-0500 SS, nx, rel talks; poor 3/23. (Caras-ME)
- 3345 **S.AFRICA Channel Africa** 0432-0448 in EE, Af nx, SAF prop mx; 3/11. (Caras-ME)

- 3350 **COSTA RICA** *REE* 0201-0213 M&W trading nx paragraphs. *REE* IS. M w/ S Amer. nx & field rpts; tropical QRN; fair 4/4. (Crisler-Smith-MD) 0430 time pips, SS ID, into mx. A surprisingly infrequent visitor here! Fair 3/27. (Ronda-OK)
- 3375 **BRAZIL** *R. Municipal* 1015 gentle PP vocals; echo chamber IDs 1020, 1023, & 1027; a pleasant morning prgm; fair 4/3. (Ronda-OK)
- 3385 **PNG** *R. E. N. Britain* 1024-1128 on various dates; all poor. (Herr-CA)
- 3905 **PNG** *R. N. Ireland* 1225 S.Seas vocals; good carrier, but QRM 3/25. (Brown-MO) 1035 M EE ancg prgm abt gov't & business; fair 3/2. (Herr-CA)
- 3925 **JAPAN** *R. Nikkei* 1030 usual prgm of quiet orchestral mx; and as usual no ID at BoH; F/G 4/3. (Ronda-OK)
- 3944.7 **VANUATU** *R. Vanuatu* (p) 1033-1050 Vernacular, light vocal mx, ancr; weak/poor under static w/ 3947U-ham splatter. 4/11. (Barbour-NH)
- 3959.8 **KOREA** *KCBS Kanggye* 1121 very distorted singing in Korean; fair 4/15. (Herr-CA)
- 4052 **GUATEMALA** *R. Verdad / R. Truth* 0252-0430 EE & SS ID 0300, sacred music selections; more EE & SS anmts 0400; sounded like a s/off promising to be back at 5 AM Guatemala time, but then it kept going with more music. Seemed right on 4052, not higher, best in AM mode, 4.0 filter. 4/10 (Renfrew-NY) 4052.5, 0406-0437 marimba mx alternating w/SS talk by a man with mentions of Guatemala, station ID, and talk of "progrma internacional." Group religious vocals before another man began a rel talk. Fair 4/8. (D'Angelo-PA)
- 4319 **DIEGO GARCIA** *AFRTS* 2256-2304 two Brits tlking scholarship on unid topic. NPR MarketPlace on NYSE & DOW. Into "Cleveland Indian's Radio Netwrk". Baseball scores, recaps. exc 4/11 (Crisler-Smith-MD) And 2321-2330 EE NPR M&W nx readers. Israel's elections may mean a right-wing coalition gov. Strikes & demos continue in Paris. "Live" street sounds. Classic NPR ID & promo 2330; exc 3/28. (Crisler-Smith-MD)
- 4330 **CHINA** *Xinjiang PBS* Urumqi (P) 1233 W singing CC opera; poor 3/25. (Brown-MO)
- 4385.7 **PERU** *R. Vision/Imperio* 0937 sounded like SS rel. drama; perhaps with an Easter theme; 0943 shifted to SS preaching w/many mentions of la Palabra de Dios; audience response; IDs as R. Imperio 0955 & 0959; fair 1040 recheck with simple guitar/vocal mx. Listed in DSWCI Tropical Bands Monitor as both R. Vision and R.Imperio. F/P 4/16. Is this similar to the relationship between LV Napo/R. Maria? (Ronda-OK)
- 4460 **CHINA** *CPBS Beijing* 1235 M&W in long CC talks; ute QRM 3/25. (Brown-MO)
- 4604.96 **INDONESIA** *RRI Serui* 1417 two Min Bahasa Indonesian; poor 4/1. Also 1211 M in lang; call in show w/M host. Fair 4/15. (Herr-CA) 4605, RRI Serui; 1240-1247 II vocals; 3/25. (Brown-MO)
- 4716.75 **BOLIVIA** *R. Yara* 0120 SS, mx; deep fades; poor 3/29. (Herr-CA)
- 4749.96 **INDONESIA**[*Sulawesi*] *RRI Makassar* 1054 M in Indo, poss. political discussion; fair 3/24. (Herr-CA) 4750, 1401-1432 light pop Asian songs, Bahasa Indonesia; dominating over a weaker, possible Chinese, station and at times mixing at about the same level; too weak to say what language; 3/29. (Howard-CA) 1239-1301 presumed reactivated w/assorted vocals including EE W in SCI and "News from Jakarta" by Indo YL at 1301. Nice 3/25. (Brown-MO)
- 4765 **BRAZIL** *R. Rural* Santarem 0248-0255 pop mx & latin ballads. B/n tunes chatterbox M DJ. P-F 4/9. (Crisler-Smith-MD)
- 4770 **NIGERIA** *R. Nigeria* 2240-2302\* vocals program hosted by a man w/EE talks and ID. ID & s/off anmts 2300, NA. Noted again \*0430-0442 drums opening, choral NA, prayer, ID & s/on anmts. Fair 3/19-20. (D'Angelo-PA)
- 4774.98 **SWAZILAND** *TWR* 0423 W in GG; fair 4/2. (Herr-CA) 4775, 0413-0419 M in GG, sounded like nx; choir 0417; Exc 3/22. (Montgomery, PA)
- 4777 **GABON** *R. Gabon* \*0459-0515+ s/on w/ FF opening anmts. NA 0500; ID 0501, then possible nx. Fair 3/19. (Alexander-PA) 0458 W w/ opening anmts over instrument sound, NA 0500; "Radio Gabon" 0501, nx or speakers to 0508, then pop music, faded to nothing around 0550, but het still strong; fair 3/25. (Renfrew-NY)
- 4779.96 **GUATEMALA** *R. Cultural* 0231 M SS rel prgm, ID 0232; poor 3/25. (Herr-CA)
- 4780 **DJIBOUTI** *R. Djibouti* 0315-0320 AA/Afar/Somali M w/ rough toned sermon. Into call-response HOA mx. p-f 4/23. (Crisler-Smith-MD) 0301-0332 Vernacular, mx at t/in, M w/ continuous talks till mx 0322, ID 0330, into presumed newscast. Fair w/ SS station audible underneath till 0324 - Radio Tacana, Bolivia?? 3/28. (Barbour-NH)
- 4780 **GUATEMALA** *R. Cultural Coatan* 0148 M SS ID; good 3/18. (Brown-MO)
- 4789.98 **INDONESIA** [*Papua*] *RRI FakFak* 1037 W ID, ment FM. Mainly mx w/ Indian sound; F/G 3/24. Also 1049 M&W discussion; poor 3/28. And 1240 Island mx w/one EE soul selection. (Herr-CA) 4790, 1245 W w/island vocals; good but UTE QRM 3/26; (Brown-MO)

- 4796.45 **BOLIVIA R. Mallku** (T) 0125-0136\* M in SS w/typical latin mx, w/off w/mx; very poor with sweeper and QRN. (Herr-CA)
- 4799v **GUATEMALA R. Buenas Nuevas** 0232 SS anmts, soft vocals, all in considerable noise and with a weak signal; F/P 3/31. Also 0057 pleasant SS vocals, ID 0101, into what sounded like request pgm, many IDs, improving 0150 recheck; fair 4/15. (Ronda-OK) 0228 LA mx; poor 3/25. (Herr-CA) 0226 M SS ancr, traditional LA mx featuring lots of accordions and a good bass line. QRN from sweeper. P/F 4/2. (Wood-TN)
- 4809 **MEXICO XERTA** various days as early as 1030, as late as 0500; SS mx & talk. (M Field, MI)
- 4820 **HONDURAS LV Evangelica** 0205-0211 YL DJ/preacher bantering & joking w/M. Swisher underneath. P-F 4/7. Also, 0240-0245 W SS preacher shouting a fire & brimstone sermon. QRN & swisher. p-f 4/25 (CrislerSmith MD) 4819, 1025 contemporary inspirational mx in SS; poor 3/25. (Wood-TN) 4819.15, 0226 SS; heavy sweeper QRN; poor 3/25. (Herr-CA)
- 4860 **INDIA AIR Delhi** 1237-1249 male sub-continental vocals; fair 3/25. (Brown-MO)
- 4870.9 **INDONESIA RRI Sorong** 1005 Indo mx; fair 3/30. (Herr-CA)
- 4885 **BRAZIL R. Clube do Para** 0307 PP talk, ad strong, jingles; clear ID 0310; 3/23. Also 0247 romantic PP vocals; fair 4/2. (Ronda-OK) 0427 Brazilian music in PP; poor 4/2. (Herr-CA) 0408 M PP ID; strong 3/25. (Brown-MO)
- 4890 **PNG NBC** Port Moresby 1015-1019 M w/EE nx, 3/18. (Brown-MO) 1053 W in EE; fair 3/28; 0856 poor 4/1. (Herr-CA)
- 4900 **CHINA V. of the Strait** 1304 W singing in Amoy; good 3/18. (Brown-MO)
- 4900.65 **BOLIVIA R. San Miguel** (T) 0250-0255\* CP mx, SS anmts. Abrupt s/off. Poor, weak 4/2. (Alexander-PA) 4901.2, (P); 0139-0203 M in SS b/w SS mx selections, (P)ID anmt 0201. Poor, too much QRN to ID; 4/3. (Barbour-NH)
- 4910 **ZAMBIA ZNBC** 0311-0316 vern; high-life mx again; chatty M DJ stepping on stn ID & the mx; P/F 4/19. (CrislerSmith MD) 0422-0428 Vernacular, two M ancrs at t/i; joking around w/ rapid talk. Talks about HIV aids in EE at 0424 by one of the ancrs; fair 3/22. (Montgomery, PA) 0429 M in lang; fair 4/2. (Herr-CA)
- 4915 **BRAZIL R. Anhanguera** Goiania 0009 lots of PP talk; short mx bridges; ID @ 0012; F/G 3/25. Also 0025 PP talk, many ments Brazil, PP IDs 0028 & 0030; F/G 4/1. (Ronda-OK) 2345-2351 two M in PP comedy act or skit, canned laughter; fair 3/25. No sign of Ghana. (Brown-MO)
- 4915 **BRAZIL R. Nacional** Macapa 0222 M in PP playing slow ballads with Gypsy flair; good 4/2. (Wood, TN) 4915.04, 0432 Brazilian music; fair 4/2. (Herr-CA)
- 4925 **BRAZIL R. Educação Rural** Tefe 1022 M&W in PP; ments Brazil; ID 1023 fair 3/25. (Wood-TN)
- 4925 **INDONESIA RRI Jambi** 1410 Indo mx w/ Arabic flair; good 4/1. (Herr-CA)
- 4930 **BOTSWANA VOA** 0346 EE cmtry on Iraq; good 3/18. (Brown-MO) 0426-0430 M EE nx items re Africa, "News Now" and Daybreak Africa IDs; 3/22. (Montgomery-PA) 0435 EE pgm abt medical science; fair 4/2. (Herr-CA)
- 4940 **CHINA V. of the Strait** 1309-1315 M&W CC talk between mx bridges; F/G 3/18. (Brown-MO)
- 4960 **SÃO TOME VOA** 0430-0434 M EE ID, Daybreak Africa pgm; M&W w/nx about Charles Taylor, // 4930 (BOT); fair. 3/22. (Montgomery, PA) 0435 medical science program; poor 4/2. (Herr-CA)
- 4965 **ZAMBIA Christian Voice** 2340-2346 EE Christian pop/rock, M ancr ID "The sound alternative, R. Christian Voice." Weak but clear 3/19. (Brouillette-IL)
- 4976 **UGANDA R. Uganda** 0346-0400 M in EE & Swahili; fair w/het 3/18. (Brown-MO)
- 5005 **EQ.GUINEA R. Nacional** Bata 0611 M&W in rapid SS; poor 3/25. (Herr-CA) 2250-2256 SS extended latin jam w/ vern lyrics; 2253 brass band w/ NA till s/off; F/G 4/18. (CrislerSmith-MD)
- 5009.79 **DOM.REP. R. Cristal Intl** Santo Domingo 2315-0007\* SS talk, phone talk, local mx. S/off w/NA. Reception varied from very poor to fairly good, depending on noise level 3/25-26. (Alexander-PA)
- 5010.0 **INDIA AIR** (T) 0115-0145 M in Hindi w/poss nx items; local mx by 0132, W long talks 0141; weak 3/19. (Montgomery, PA)
- 5025 **BENIN ORTB** 2230-2302\* FF talk. Variety of Afro-pops, FF pops/ballads. S/off w/NA 2301 by local band; poor under Cuba 3/18. (Alexander-PA)
- 5030 **BURKINA FASO R. Burkina** 2237-2320 fading up over Rebelde w/hilife mx; M FF DJ; good 3/26. (Brown-MO)
- 5035NF **USA WEWN** 0410-0430+ EE rel pgmg w/rosary at tune-in. "Backstage" mx pgm 0428. EWTN Global Network ID. Strong 3/26. (Alexander-PA)
- 5040.4 **MYANMAR R. Myanmar** (P) 1338-1355 EE lesson; long series of questions and answers: "Number 27" and the question is given, followed by "The answer is .."; continues with EE grammar: "... modifies the noun. Now lets move onto the next sentence"; 1355-1409 in vernacular, weak; P/F 4/7. The last time I heard this type of English lesson here was back in Feb 2004. (Howard-CA)


- 5054.60 **COSTA RICA TIFC** 0315 SS sermon; F/G 4/2. (Ronda-OK) 5054v, 0047 SS rel px & phone-ins; fair 3/25. (Ronda-OK)
- 5500 **ETHIOPIA V. Tigray Rev.** \*0355-0410+ s/on with IS. Vernacular talk at 0400 & local Horn of Africa mx. Weak in noise. 6350-very poor, weak under rtty station; 4/1. (Alexander-PA) 0358-0410 in Tigrinya; instl mx at t/i; 0359 W w/brief anmt, ID, mx; 0400 M w/short comments, more mx; W back 0403, more mx; fair 3/22. (Montgomery-PA) 0402-0410+ M w/ talks b/w HoA musical bits; F/P 3/27. (Barbour-NH)
- 5580 **BOLIVIA R. San Jose** (T) 0112-0128 SS DJ, huayo type vocals by M; poor 3/25. (Brown-MO)
- 5699.8 **PERU R. Frecuencia** San Ignacio (T) 0130, rapid fire SS preaching; Andean mx 0130; poor 3/25. (Brown-MO)
- 5775 **ITALY IRRS** 2203-2216 EE, AA-like mx at t/in, two M w/ banter re activist demonstrations and gov't monitoring of activists. Never did get prg. ID. Fair listening in LSB. 3/24. (Barbour-NH)
- 5840.0 **UKRAINE R. Ukraine Intl** 2232-2245 EE mail bag pgm;p mx & letters at tune in. Male and female hosts with letters from listeners. A bit of qrm and fades at S7. A bit weak but audible. Program in EE. 2234, tune "I feel good". 2237, back to letters. Weak 3/18. (Montgomery, PA)
- 5860 **CHINA VO Jinling** (P) 1153-1206 Mandarin, 2 M w/ talks, pips and "airy" instl musical bit w/ M talk over at 1200. M&W w/ talks and music bits thru t/out. Poor 3/25. (Barbour-NH) 

## On the Short Waves by Jerry Berg

<[www.ontheshortwaves.com](http://www.ontheshortwaves.com)> **Update, February 26, 2006**—Under "Articles, Research, etc.," "Personalities": "The way we were in NASWA." More picture pages featuring photos of members, these from 1971-72.

<[www.ontheshortwaves.com](http://www.ontheshortwaves.com)> **Update, March 10, 2006**—Under "Book Reviews," "Books," a review of the seldom-found 1931 book by Amando Cespedes Marin, "Me And Little Radio NRH," the story of the legendary Costa Rican shortwave station TI4NRH. Thanks to Prof. Jerry Touger of Curry College, Milton, Massachusetts for making his copy available to me, and to Don Moore for facilitating contact with Prof. Touger. Are there any "old timers" out there who remember actually hearing this station, which I believe was on the air into the 1940s?

<[www.ontheshortwaves.com](http://www.ontheshortwaves.com)> **Update, March 17, 2006**—Under "Articles, Research, etc.," "Vintage Advertisements": Not entirely an advertisement, but a pamphlet from the National Co., "Short Wave Listeners' Guide," containing some basics about shortwave reception and a list of stations to try for. The receivers shown—NC-183D, HRO 60, NC-125 and SW-54—suggest that this is from the early 1950s, but the station listings seem to belong to an earlier period.

<[www.ontheshortwaves.com](http://www.ontheshortwaves.com)> **Update, March 25, 2006**—Under "Articles, Research, etc.," "Personalities," more of "The Boys of NASWA," these from 1972. That's your's truly presenting the plaque to Eddie Startz in August 1972. (Re the "Mystery DXer," a note in the September 1972 bulletin says it was Al Sizer. However, Sizer was 56 at the time, which would mean the photo would have had to be taken circa 1916!) 

### b

Visit our newly redesigned and refreshed club home page on the World Wide Web at <http://www.naswa.net/>, including the NASWA Loggings Database, containing logs published in the *NASWA Journal* going back to November, 1998. The NASWA Loggings Database can help you identify a station based on what other club members have heard. Try the database at <http://www.naswa.net/logs/>.

# International Band Loggings

Wallace C. Treibel • 357 N.E. 149th Street • Seattle, WA 98155 • nwhikers@msn.com


- 50999v **COLOMBIA Marfil Estereo** Puerto Lleras in SP 0630-0700+, reactivated station, IDs, ads, variety of campo mx, SP pops/ballads, rancheras, strong w/some rtty QRM (Alexander PA 4/1)
- 5930 **SLOVAKIA RSI** in EG/Slovak 0128-0203, IS, IDs in EG/Slovak, into Slovak at 0200, NA, news(p), only audible w/narrow filters due to WWCR splatter at 5935 (Taylor WI 4/1)
- 5950 **USA Radio Taiwan Int** relay via Okeechobee, FL in EG 0235, "New Music Lounge", jazz mx with YL talking b/w numbers, song by Taiwanese YL, poor reception (Bishop OH 4/7)
- 5995v **MALI ORTM** Bamako in FR 2242, tlk followed by hi-life vocals, hilife mx, ID, f (D'Angelo PA 3/18)
- 6005 **ANZENSION ISLAND BBC** relay in EG 0610, YL interviewing OM re terrorism and Islamic attacks in Teheran, solid 30 dB signal (Shinn CA 4/10)
- 6005 **GERMANY Deutschland Radio** Berlin in GM 0346, GM pops, pips, ID, nx, p (D'Angelo PA 3/16)
- 6020 **CANADA China R Int** relay in EG 0015, rpt on commercial medical bribery, //9570 (Fraser ME 3/14)
- 6020 **AUSTRALIA RA** in EG 1133-1205, live coverage of 18th Commonwealth Games, nx at 1200, fair (Barbour NH 3/22) in EG 1200, feature on deaf culture in Australia, exc (Lawrenson RI 3/10) in EG 1225, interview w/the first female indigenous cabinet member, //9580, 9590 (Fraser ME 3/21)
- 60249v **MALAYSIA Asyik FM** relay via RTM Kajang in Malaysian 1253, pop Asian songs, phone-ins, ID, f until 1300 when covered by CH jammer (Howard CA 4/1) Muslim prayers, mx, g (Herr CA 3/26)
- 6060 **CHINA Sichuan PBS** Chengdu in CH 1120, CH pop songs, IDs, f (Howard CA 3/31) Only 15 kw!
- 6070 **CANADA CFRX** Toronto relaying CFRB in EG 1215, traffic rpts, ads, nx items, ID as "Newsradio Ten Ten CFRB" (Fraser ME 3/21, Lawrenson RI 3/24, Bishop OH 3/18)
- 6080 **SÃO TOME VOA** Africa relay in EG 0606, VOA news, extended story about Gambia protests and a field report regarding an attempted coup in Gambia, exc (Shinn CA 4/10)
- 6100 **BOSNIA AND HERZGOVENIA Rep of Serbia and Montenegro** relay via Bijeljina in FR 2039-2057\*, talks b/w brief musical bits, opera/classical mx, abrupt s/off, poor (Barbour NH 4/2)
- 6120nF **IRAN VOIRI** in EG 0130, relig mx and prayer, nx, interview w/YL opposed to US policy in Iraq, poor fading up to good and then poor again by 0200, //9665 poor to undreadable (Herr CA 3/17)
- 61348 **BOLIVIA R Santa Cruz** in SP/Aymara 0912, vcls, ID, relig drama w/guitar mx, f (D'Angelo PA 3/26)
- 61349 **BRAZIL R Aparecida** in PT 0200, talk, ads, jingles, mx, ID, abrupt s/off 0216 (Alexander PA 3/17)
- 6160 **CANADA CKZN** Newfoundland relay of CFBG in EG 1032, "Labrador Morning-Monday Edition", CBC News, local wx rpt, sports nx re Quebec Jr.hockey playoffs, p-f (Barbour NH 4/3)
- 6165 **CROATIA Hrvatska Radio** in Croatian 2030-2130+, mostly US rx, call-ins w/listeners trying to name the artists, IDs on half hr and toh, international mx after 2130 (Renfrew NY 3/26)
- 6180 **BRAZIL R Nac do Amazonia** Brasilia in PT 2300-0015, studio chatter and listenable mx, lots of IDs, "Informe Nacional" at toh (Ronda OK 3/26)
- 6185v **MEXICO R Educacion** Mexico City in SP 0304, lengthy 30 min interview, into brief xylophone mx, solid ID in EG and SP, good (Agner MD 3/19)
- 6200 **CZECH REPUBLIC R Prague** in SP \*0200, ID, nx including ment of Vietnam, g (McGuire MD 4/4)
- 6612 **ZIMBABWE ZBC** in Vernaculars 0143, widely rptd harmonic of 3306, chatterbox DJ w/Afro pop mx, spikey guitars, choral mx, tlks (CrislerSmith MD 4/5, Ronda OK 3/27) in EG/Vernaculars 0418, YL with nx items then OM in Vern w/ more nx items 0420, nice mx sels (Montgomery PA 3/22)
- 6973 **ISRAEL Galei Zahal** Tel Aviv in HB 2313, heated live debate, clapping, cheering, chanting etc, exc CrislerSmith MD 3/28) in HB 0228, electronic dance mx, YL w/news, good (Wood TN 4/2)
- 7120 **PAPUA NEW GUINEA Wantok Radio Light** in EG 0851, "Back to the Bible" feature, religious songs, ID, "Focus on the Family" pgm sponsored by import/export company, PSA ancmf for Dept of Health, Christian mx, ID (Howard CA 4/5, Herr CA 4/1)
- 7130 **MALAYSIA Sarawak FM** via RTM in Bidayah 1002-1100, YL DJ w/pop Asian songs, several "Sarawak FM" singing jingles, Koran recitation, p-f with co-channel QRM (Howard CA 3/15)
- 7135 **MOROCCO RTM** Tangier in AR 2224, Koran recitation w/lots of space b/w verses, then into talk by soft-spoken preacher, vg (CrislerSmith MD 3/21)
- 7145 **MOROCCO VOA** relay via Tangier in Urdu 0154, listeners sharing strong opinions re politics and human rights in Pakistan, ments "Islam" and "Condi Rice", exc (CrislerSmith MD 4/5)
- 7205 **NORTHERN MARIANAS VOA** relay in Lao 1250, ID, VOA theme, cmntry including EG soundbite inserts regarding Burma, more tlks, f (Taylor WI 3/17) ED: This xmsn moved to 9510 effective 3/26.

- 7230 **SLOVAK REPUBLIC** *RSI* in EG \*0100, IS, ID, fqy, sked, economic nx, g (McGuire MD 3/25)
- 7245 **CHINA** *CNR Beijing 2* in CH/EG 1303, English Evening pgm (mostly EG, some CH), read lyrics to "Make a Rainbow" followed by the song, Studio Classroom Online w/pgm : "Speaking Slang", //s on 6065, 6155, and 7140, fair (Howard CA 4/1)
- 7255 **NIGERIA** *V of Nigeria* Ikorodu in Hausa 2218, nx, soundbites mentioning Rwanda, Sudan, Nigeria, drums ID at 2230, fair/good (Barbour NH 4/3)
- 7270 **MALAYSIA** *Wai FM* relay via Kuching in Iban 1330, pop Asian songs, on-air phone-ins, singing station jingle ID (Howard CA 4/1, Herr CA 3/16)
- 7280 **CHINA** *V of the Strait 2* Fuzhou in Amoy? dialect 1200, ID, NA, nx w/soundbites, p (Taylor WI 4/8)
- 7285 **GERMANY** *Hrvatski Radio* (Croatia) relay in CR 2350, continuous Euro pop mx, pips at 0000, ID and news headlines alternating between YL and OM announcers (Brouillette IL 3/19)
- 7320 **RUSSIA** *R Rossi* Magadan in RS 1120, ezl vocals, studio tlk, interview, IDs, fair (Ronda OK 4/3)
- 7330 **RUSSIA** *BBC* relay via Vladivostok in CH 1214, nx w/soundbites, BBC ID, QRM (Taylor WI 3/17)
- 7335 **VATICAN CITY** *VR* in HD 0055, tlk, IS 0059, into Tamil 0100, fair signal thru CHU Canada time signal (Bueneman MO 3/30) in EG 0142, "Calling Young Christians in South Asia" (Ronda OK 3/14)
- 7400 **MADAGASCAR** *R Nederland* relay in IN 2246, discussions & cmntry, YL DJ spinning pop mx, ID, more talk over solo guitar, exc (CrislerSmith MD 4/11)
- 7455 **GUAM** *TWR* relay via Agana in CH 1250, tlks, relig mx, EG ID as TWR-China, f-p (Ronda OK 3/14)
- 7545 **ISRAEL** *Kol Israel* Tel Aviv in EG 2005, cmntry on formation of a new Palestinian government being unsuccessful so far, g, //11590 (Fraser ME 3/15)
- 9335 **NORTH KOREA** *V of Korea* Kuyang in EG 1327, talk about the excellent state of affairs in North Korea, ID, East Asian style opera, fair (Taylor WI 4/1)
- 9345 **ISRAEL** *Kol Israel* Tel Aviv in HB 0135, segueing romantic vocals from pre-rock era, most rx in FR lang, ads, promos, nx, one item regarding Watergate scandal, vg (Callarman TX 4/1) in HB 0220, pgm sked calls this a relay of Reshet Bet-Second Network, good but fading after 0230 (Evans TN 4/7)
- 9400 **ISRAEL** *Kol Israel* in FR 1938, Mideast nx, ment Hamas, Palestiniya, and Iran. Field rpts/interviews, vg (CrislerSmith MD 4/9) in HB 2205, OM in phone conversation w/ another HS (Callarman TX 4/4)
- 9410 **CHINA** *China R Int* via Kashi in EG 0115, cmntry on start of construction of Shanghai-Beijing railway pgm beamed to Eastern Europe, mild QRM from BBC Cyprus realy underneath (Callarman TX 4/5)
- 9435 **PHILIPPINES** *FEBC* Manila via Boucau in IN 2306, giving Jakarta address at start of religious pgm, "Dr. Stanley's InTouch Ministries", abrupt s/off in middle of IS, exc (Callarman TX 4/4)
- 9440 **SLOVAKIA** *R Slovakia Int* in EG/SL 0124, mailbag pgm noting New Year's greeting from listener in India, six-note IS, ID, station info in Slovak and into Slovak programming 0130, g (Callarman TX 4/3)
- 9460 **CHINA** *China R Int* Kunming in Hakka \*2359, mx bridge b/w wxmsns, IS, ID, fqys, musical theme, nx, targeted to Southeast Asia, good but some QSB (Callarman TX 4/5)
- 9495 **IRAN** *V of Justice* Kamalabad in EG 0207, features re things perceived to be wrong with America, separated by brief mx bits, "Social Paralysis in the U.S" on disparity b/w rich & poor classes, closing theme and ancmts 0225, listing SW, Internet, and Satellite sked for "Voice of Justice", s/off 0227 (Callarman TX 4/1, Morrissey MA 4/2)
- 9515 **BRAZIL** *R Novas de Pas* Curitiba in PT, talk, ads, jingles, ID, PT ballads, //6080 (Alexander PA 4/1)
- 9525 **INDONESIA** *V of Indonesia* Jakarta in IN 1005, some EG IDs, local mx, g (Howard CA, Herr CA) in IN 1305, ment several IN cities, ID 1308, talk, mx fanfare, cmntry, vg (Callarman TX 4/4) Station apparently has erratic sked, sometimes 4 or 5 days in a row, then off for a month or more.
- 9550 **RWANDA** *FEBA Radio* relay Kigali in AR 1902, s/on with "What a Friend We Have in Jesus" IS and then into AR programming, vg (Renfrew NY 3/24)
- 9570 **ALBANIA** *China R Int* relay in EG \*0100, rpt on Iran's alleged test of radar-proof anti-submarine missile, vg, //9580 (Callarman TX 4/3, Field MI)
- 9575 **MOROCCO** *Radio Medi Un* in FR 2052-2200, US hip-hop and rap in urban format, complete w/jiving local DJ (CrislerSmith MD 3/21, Srebnick NJ 4/8) 0216 with N. African mx, f (Herr CA 2/25)
- 9580 **GABON** *Africa #1* Moyabi in FR 2100, Afro pops, production ancmts, 4 pips at TOH, rolling fanfare and nx (Callarman TX 4/5, Srebnick NJ 4/8)
- 9580 **CUBA** *China R Int* relay in EG 0105, many mentions of "A Year With Russia in China" events in Beijing, very interesting program (Renfrew NY 3/25)
- 9580 **AUSTRALIA** *RA* in EG 1220, interview on the future of national subscription TV, g (Fraser ME 3/14) in EG 1015, cricket match b/w Australia and South Africa, vg (Lawrensome RI)
- 9590 **HUNGARY** *R Budapest* in EG 0105, "Spotlight on Hungarian-British Relationships", feature on plan to lower landing rates at Budapest airport to compete with Prague and Vienna, vg (Callarman TX 4/3)

- 9630 **SEYCHELLES BBC** relay in EG 2055, sports: Euro futbol recaps, wicket standings and the upcoming Masters golf tournament in the U.S., vg (CrislerSmith MD 4/4)
- 9650 **IRAN VOIRI** Sirjan in RS/Farsi 0301, NA, ancmt, chanting (call to prayer or Koran reading in Farsi followed by YL in RS, f-g (Callarman TX 4/1)
- 9660 **FRENCH GUIANA R Japan** relay in PT \*0230, IS, ID, nx, ment of N. Korea, g (McGuire MD 3/24)
- 9665 **MOLDOVA V of Russia** relay in SP 0046, three voices, harp arpeggio, ID, g, //9830 (Callarman 4/3) in EG 0214, political cmntry, tlk of Japan claiming islands Russia considers their sovereign territory, g, //9860 Vatican City relay, also good (Wood TN 4/2)
- 9675 **BRAZIL R *Canção Nova*** in PT 0743, relig talks before a "live" audience w/some singing, musical fanfare, canned ID, fgy ancmt, promos, then into another relig pgm, fair (D'Angelo PA 3/23)
- 9680 **INDONESIA RRI** Jakarta in EG 1010, KGRE pgm (Wed & Sun) w/pop Asian songs, talk about Australia, Bali address given to inform them in 75 words or less about the listener, Men at Work singing "Land Down Under", poor (Howard CA 3/29)
- 9690 **SPAIN China R Int** relay in EG 0305, nx item re \$6 to \$7 billion to finance coal-fired power plant being built in Kazakhstan and being funded by the Beijing government, vg (Callarman TX 4/1)
- 9695 **RWANDA Deut Welle** relay via Kigali in EG 0030, talk re electricity costs being up 60% in the last year, alternative energy sources being considered such as coal and nuclear, good (Davis OH 4/6)
- 9720 **TUNISIA R Tunis** Sfax in AR 0205-0310, Europeab style orch as themefer YL, male vocal, AR mx, peppy YL intros radio drama, lute interludes, nx (Callarman TX , CrislerSmith MD, Lawrenson RI)
- 9725 **AUSTRIA TWR** relay in RS 1449, OM w/talks, ballad, fanfare 1455 w/brief talk, distinct IS prior to 1458 s/off, poor - just poking thru the noise floor (Barbour NH 3/27) ED: heard Mondays only.
- 9745 **NETHERLAND ANTILLES China R Int** relay in SP \*0000, IS, ID, nx, ment Brazil (McGuire MD)
- 9765nf **RUSSIA R Tikhii Okean** Vladivostok in RS \*0835, very nice RS mx and folk songs, ex-5960, fair reception but apparently they had a xmtr problem with occasional cutouts (Howard CA 4/3)
- 9775 **IRAN VOIRI** Sirjan in AR 1920, low key discussion, many ments Iraq, radio skit (CrislerSmith 3/20)
- 97795 **YEMEN R Yemen** Sana'a in AR 0353, musical theme, lively drums and stringed mx, flutes, ID 0400, news(p), QRM from 0400 on from co-channel Romania (D'Angelo PA 4/1, CrislerSmith MD 4/9)
- 9805 **MOROCCO R Farda** relay in Farsi 0232, slick MTV format, nx and pro-USA propaganda, //9865 both fgy exc (CrislerSmith MD 4/5, Callarman TX 4/1)
- 9810 **INDIA AIR** Panaji, Goa in Nepali 0134, HD mx, cmntry re US and Iraq, fanfares, various soundbites with rough audio, ID, mx thru t/out at 0202, fair but choppy (Barbour NH 4/4)
- 9845 **NETHERLANDS ANTILLES R *Nederlands*** relay in EG 0005, ID, pips, "Newline", ments of Dutch and US warships firing upon a Somali pirate vessel, documentary on identity fraud, vg (Wood TN 4/6)
- 9860 **VATICAN CITY V of Russia** relay in EG 0340, tlk about Victoria Sokavena(sp?) - "the Queen of Russian Woman's Prose" including translated sound bites, fair-good (Callarman TX 4/1)
- 9870 **SAUDI ARABIA BSKSA** Riyadh in AR 2251, extended mx format, traditional instruments, vox, strings, flutes and drums, flashy ID w/sfx, then s/off 2259, exc (CrislerSmith MD 3/21)
- 9905 **IRAN VOIRI** Kamalabad in SP 0236, addresses, cmntry re articles in the Washington Post and NY Times that US is planning to attack/invoke Iran, fair (CrislerSmith MD 4/11)
- 9935 **IRAN VOIRI** Sirjan in AR 0240, thundering Koranic recitation w/a pinch of reverb for dramatic effect OM singer trading riffs w/flute mx, g (CrislerSmith MD 4/7)
- 9965 **ARMENIA Public Radio of Armenia** Yerevan in GM/EG/Armenian 2003-2032, pgm in GM at tune-in, IS prior to opening EG pgm 2010, nx, features, local mx, into Armenian at 2030, f (D'Angelo PA 3/18)
- 11535 **NORTH KOREA V of Korea** Kuyang in CH 2200, IS, ID, NA, nx, CH opera, p-f (CrislerSmith 4/9)
- 11620 **INDIA AIR** Bangalore in EG 2209, nx headlines re Nepal and Aligarh, ID, cmntry re India and Arab gulf states relations, feature on US/India relations and Indian economy (Barbour NH 4/7, Caras ME)
- 11640 **MALI China R Int** relay in AR/PT/EG 1855-2005, cmntry, CH mx, switch from AR to PT 1930 then into EG 2000 with ID at toh (Caras ME)
- 11655 **MADAGASCAR R *Nederlands*** relay in EG 1826, discussion of Netherlands past support of Argentina on "Weekend Connection", moving C. Taylor's trial (Liberian rebel) to the Hague (Davis OH 3/25) nx on Paris demonstrations against new labor law, nx, ID (Fraser ME 3/17, Caras ME 3/26)
- 11690 **JORDAN R Jordan** in EG 1547, classic rock mx pgm w/Boston, Yes, and Rainbow, ID, AR state nx re Palestine/Israel, USA/Iraq, local wx, "Press Review", f-g (Barbour NH 4/4, D'Angelo PA 4/1)
- 11710 **NORTH KOREA V of Korea** in EG/FR 1553, mx, ID, fgy, sked, into FR at 1600 (Caras ME 3/7)

- 11710v **ARGENTINA RAE** in EG 0211-0306, nx, tango mx, DX'ers Special, IS, multi-language IDs at 0255, f (D'Angelo PA 3/23) in EG 0230, feature on Argentine students developing ultra-lite aircraft, "Sports Review" w/futbol and tennis nx, tangos, IS, ID 0257, f-g (Barbour NH 3/28)
- 11715 **JAPAN R Japan** Tokyo in EG 0620, nx pgm w/discussion about street vendors and describing the work inside of Japanese buildings and restaurants, powerful signal (Shinn CA 4/9)
- 11715 **INDIA AIR** Panaji (Goa) in EG 2218, tlk re Indian customs, ID, pgm previews, instrumental mx, s/off anncmts at 2229 w/best times given in Indian Standard Time, fair, //11620 (D'Angelo PA 4/8)
- 11720 **PHILIPPINES R Pilipinas** in Tagalog/EG 1843-1914, bantering in both langs, reading listeners' mail, various talks and mx bits, nice ID 1910, p-f (Barbour NH 4/3)
- 11735 **TANZANIA R Zanzibar** in SH 1910-2005, E African hip-hop mx, singing, nx?, DJ spinning extended hi-life jam: call response format, lots of banter b/w rx (Caras ME, Lawrenson RI, CrislerSmith MD)
- 11780 **BRAZIL R Nacional da Amazonia** Brasilia in PT 0044, IDs, Latin mx, much talking, nx at ToH, upbeat format w/ multiple voices (Wood TN, Taylor WI, Herr CA, Lawrenson RI)
- 11840 **GERMANY Evangelium Mission Gemeinden** via Nauen in RS 1102, choral mx at t/in, OM w/talks thru/out, fair (Barbour NH 4/8) Weekly 1/2 hour xmsn broadcast only on Saturdays.
- 11860 **INDONESIA RRI** Jakarta in IN 1433-1502, Bahasa IN pgm of on-air phone calls, g (Howard CA 3/28)
- 11870v **COSTA RICA World University Network** in EG 1807-1855, tape sermon by the late Dr. Scott with tlk on the Book of Isaiah, IDs, addresses and websites, good (Wood TN 4/1)
- 12005 **SRI LANKA VOA** relay in EG/Georgian 1525. end of "Words and Their Story in special English", into half hour xmsn in Georgian lang. s/off at 1600, fair (Fraser ME 3/12) ED: The half-hour xmsn in the Georgian language has moved to 11805 effective with the A06 period beginning in late March.
- 12005 **ECUADOR HCJB** Quito in EG 1145, needy housing pgm feature "Habitat for Humanity" (Field MI)
- 13630 **MALI China R Int** relay Bamako in FR 2210, OM/YL team trading paragraphs, CH mx/art history, ID, web address, CH sound bites w/FR translation, //11975 both g-vg (CrislerSmith MD 3/21)
- 15085 **IRAN VOIRI Kamalabad** in GM 1737, thoughtful cmntry w/just a hint of reverb for dramatic effect, fqys and sked, IS, OM w/nx, //11855 both good (CrislerSmith MD 4/4)
- 15130 **ASCENSION ISLAND FEBA Radio** relay in FR 1858, preacher/teacher tlk, ID before s/off with "FEBA Radio, Bon Soir", IS "What a Friend We Have in Jesus", good (Renfrew NY 3/24)
- 15140 **OMAN R Sultanate of Oman** in EG 1405, nx, ID at end of nx, disco mx pgm, g (Evans TN 3/13)
- 15390 **FRENCH GUIANA BBC** relay in EG 2100, Italian election coverage of PM race, OM w/possibly live reports from Rome, //15400 Ascension Island relay, both excellent (Shinn CA 4/9)
- 15410 **SRI LANKA Deut Welle** relay in EG 2007, discussion re birth control in the USA, feature finished with flute mx, good, //15445 very good (Shinn CA 4/9)
- 15410 **UNITED KINGDOM Radio Farda** relay Wooferton in Farsi 1523, ID, ME vocals, f (Wood TN 3/18)
- 15515 **AUSTRALIA RA** in EG 2108, nx, sports resume, scores of games held in Sydney, exc (Shinn CA 4/9) in EG 0222, debate re new services nurses can provide, nx re close election in Italy w/challenger winning by a slim margin, good (CrislerSmith MD 4/11)
- 15580 **BOTSWANA VOA** relay in EG 1750, TC 1800, ID, "African News Now", g (Wood TN 4/1) in EG 1810 in EG, rpt on camp conditions in Darfur, Sudan, Sudanese refugees who fled to Ethiopia are returning, bird flu found in Burkina Faso, good (CrislerSmith MD 4/4)
- 15580 **NORTHERN MARIANAS KFBS** Saipan in IN/EG 1121, ballads and YL tlk w/Jakarta contact info, YL in EG w/full ID at 1130 s/off, fair (Barbour NH 4/3)
- 15720 **NEW ZEALAND RNZI** in EG 2115, news, sports feature re team "Hollanders", exc (Shinn CA 4/9)
- 15760 **ISRAEL Kol Israel** Tel Aviv in RM 1640, readers w/Mideast nx, many ments of Iran and references to its nuclear/missile pgms, //11590 both exc (CrislerSmith MD 4/4)
- 17630 **GABON Africa No. 1** Moyabi in FR 1600, pgm mix of nx and comedy segments, musical intervals, discussion of Africa w/Senegal and Angola mentioned, jingles (Branco NY 4/2, Wood TN 3/18)
- 17715 **AUSTRALIA RA** in EG 0128, OMs talking futbol w/thick accents and giving their views on sports interviews, ID, Pacific Basin nx, p-f (CrislerSmith MD 3/29)
- 17810 **ASCENSION ISLAND UN Radio** relay in EG 1730, ID, news and features, poor w/heavy fading (Renfrew NY 3/23) ED: Xmsn to E Africa (15 mins long) and heard only on weekdays.
- 17885 **UNITED KINGDOM BBC** Rampisham in EG 1605, African nx, rpt on Turkey, ID (McGuire MD 4/3)
- 21470 **ASCENSION ISLAND BBC** relay in EG 1610, very hostile interview w/African OM who gave up a good career to care for his siblings, the interviewer wanted him to be more selfish (CrislerSmith 4/4) in EG 1543, 2 OMs w/sports and tlk of Commonwealth Games and rugby, fair (Wood TN 3/18)
- 21840 **RWANDA Deut Welle** relay in FR 1724, futbol nx, scores and standings, sound bite in GM w/FR translation, drums and crowd noise interludes, address, exc (CrislerSmith MD 4/4)

## Clandestine/Opposition Stations

- 5910 **GERMANY R Republica** (anti-Cuban liberation outlet) via Nauen in SP \*0200, piano ID and mailing address notice repeated sequentially at s/on, barely audible under jamming, vp (Taylor WI 4/7)
- 6135 **UNITED KINGDOM R Republica** (anti-Cuban liberation outlet) via Wooferton in SP 2251-2332, political cmntry, many IDs, fqy, sked, Hialeah, FL address, jammed (Ronda OK 3/13, Taylor WI 3/14)
- 7110 **UNITED KINGDOM R Republica** (anti-Cuban liberation outlet) via Wooferton in SP 0245, Cuban and US mx w/two OM announcers, quick ID, Cuban jammer but not overwhelming (Taylor WI 3/24)
- 7160 **GERMANY R Republica** (anti-Cuban liberation outlet) via Nauen in SP 0045, interviews, tlk by OM, ID sequence at ToH, cmntry, Cuban bubble jammer, g-f, not //7205 (Taylor WI 3/15)
- 7205 **UNITED KINGDOM R Republica** (anti-Cuban liberation outlet) via Wooferton in SP 0040, ballad, announcements, talk by YL, quick IDs, new pgm begun 0059, jammer but good (Taylor WI 3/15)
- 12120 **RUSSIA Radio Voice of ENUF** (Ethiopian National United Front) via Samara relay in Amerhic \*1700, wind instruments at s/on, vocal mx, OM w/taped? speech, HoA mx, QRM, f (Barbour NH 4/2)
- 15695 **RUSSIA Radio Free Southern Cameroon** in EG \*1800-1859\*, IDs, choral anthem, talk re Southern Cameroon, local mx, trad relig mx, closing ID ancmts 1858, NA, p, Suns only (Alexander PA 3/26) 
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Thu 1005 WOR World FM, Tawa, Wellington, New Zealand 88.5  
Thu 1800 WOR KLC [irregular]  
Thu 2300 WOR World FM, Tawa, Wellington, New Zealand 88.5  
Thu 2330 WOR R. Veronica 106.5  
Fri 0000 WOR WTND-LP 106.3 Macomb IL  
Fri 0200 WOR ACBRadio Mainstream [repeated 2-hourly thru 2400]  
Fri 2000 WOR RFPI [repeated 4-hourly thru Sat 1600]  
Fri 2030 WOR WWCR 15825  
Fri 2105 WOR World FM, Tawa, Wellington, New Zealand 88.5  
Fri 2115 MR WWCR 15825  
Sat 0400 WOR WRMI 9955  
Sat 0400 WOR VoiceCorps Reading Service, WOSU-FM subcarrier, cable  
Sat 0800 WOR WRN to Eu, Au, NZ, WorldSpace AfriStar, AsiaStar  
Sat 0800 WOR WRN 13865 DRM via Bulgaria  
Sat 0855 WOR WNQM Nashville TN 1300  
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Sat 1730 WOR World FM, Tawa, Wellington, New Zealand 88.5 [from WRN]  
Sat 2300 WOR Radio Studio X 1584 <http://www.radiostudiox.it/>  
Sun 0230 WOR WWCR 5070 [start varies 0225-0235]  
Sun 0300 WOR WBCQ 9330-CLSB  
Sun 0530 WOR WRMI 9955  
Sun 0630 WOR WWCR 3215  
Sun 0730 WOR World FM, Tawa, Wellington, New Zealand 88.5  
Sun 0830 WOR WRN to North America, also WLIO-TV Lima OH SAP  
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Sun 0830 WOR KSFC Spokane WA 91.9  
Sun 0830 WOR WXPB Rhinelander WI 91.7 91.9 100.9  
Sun 0830 WOR KTRU Houston TX 91.7 [occasional]  
Sun 1030 MR WRMI 9955  
Sun 1300 WOR KRFP-LP Moscow ID 92.5  
Sun 1400 COM KRFP-LP Moscow ID 92.5 [monthly]  
Sun 1730 WOR WRN1 to North America also WLIO-TV Lima OH SAP  
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Sun 1730 WOR World FM, Tawa, Wellington, New Zealand 88.5 [from WRN]  
Mon 0300 WOR WBCQ 9330-CLSB  
Mon 0330 WOR WSUI Iowa City IA 910  
Mon 0415 WOR WBCQ 7415  
Mon 0500 WOR WRMI 9955  
Mon 1800 WOR RFPI [repeated 4-hourly thru Tue 1400]  
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Wed 0930 WOR WWCR 9985

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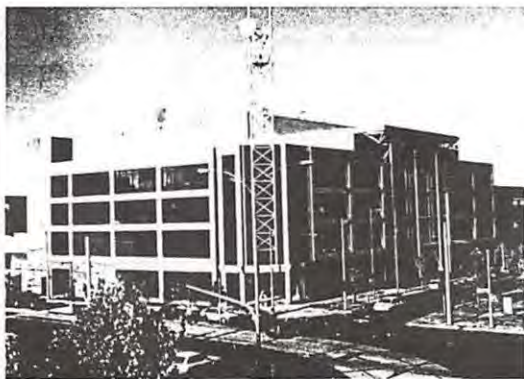
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73, Glenn Hauser



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