

The **NASWA** Journal

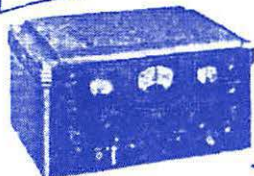
VOLUME XLXIII NUMBER 4

APRIL 2013

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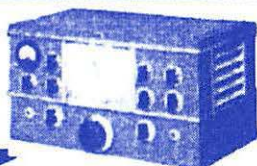
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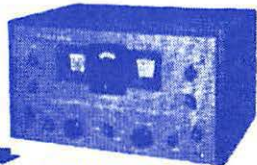
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24HC

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The **RFspace NetSDR** is a high performance networked software defined receiver with 1.6 MHz bandwidth. The **NetSDR** uses a high performance 80 MHz, 16 bit DAC with both dithering and randomization for best performance. The output I/Q bandwidth is configurable via software. PC communications are handled over a 100 base-T port using 24 or 16 bit I/Q words. The **NetSDR** is a complete plug and play solution. As opposed to other SDRs in the market, there is no need for additional preamplifiers, preselectors or code development. The unit is compatible with the **Meotronic SpectraVue** and **SDR-Radio** software that will have you up and running in minutes. The software includes analog and digital mode demodulation and I/Q capture of spectrum at up to a 1.6 MHz bandwidth. The **SDR-Radio** software allows the use of the **NetSDR** over the Internet. The full 1.6 MHz wide-band demodulation audio can be transported via a 5 KB/s link. For those interested in writing their own applications, **RFspace** supplies a fully documented protocol for communicating with the hardware. There is no need to calculate the down converter DSP parameters. The **NetSDR** just needs the center frequency, attenuator and preselector filter settings, output sample rate and mode to begin streaming data. Other solutions require complicated USB interfacing that is platform specific. The **NetSDR** utilizes straight TCP/IP and Ethernet for all communications. This offers the highest possible performance due to the highly optimized Ethernet drivers on PC, Mac and Linux systems. The **NetSDR** packets are fully routable so that the receiver may be placed at remote locations. Multiple receivers can also be combined and their data transported over a higher data rate Ethernet pipe using simple switches and routers. In this application, each **NetSDR** can be set to a different IP address or port.

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The Winter SWL Festival was another good time in Plymouth Meeting thanks to the efforts of **Rich Cuff** and **John Figliozzi** and a team of great behind the scenes support group. Next year's dates (February 28-March 1) have already been selected. **Dan Ferguson**, who has done just about everything for the club over the year's, was selected as the recipient of the William P. Eddings Award as the club's member of the year. Next year we get to do it all again!

Kaj Bredahl Jorgensen, Editor-in-Chief, of the Danish Shortwave Club International's *Shortwave News* informs us that from January 1st, the three Nordic DX clubs, Dansk DX Lytter Klub (Denmark), Sveriges DX Förbund, (Sweden) and DX listeners Club (Norway) have decided to merge their three different DX bulletins into one common bulletin. The changes will result in issuing six (6) bulletins a year. The editor-in-chief will be **Magnus Jespersen**, Sweden and **Eivind Motland**, Norway. The name of the group will be *DX-Aktuellt*; the name was used in the 60's by the Swedes. Four issues will contain 48 pages and two issues will contain 64 pages. In each issue there will be Danish as well as Norwegian sections, but the main language will be Swedish. Dansk DX Lytter Klub published their bulletin called *DX Focus* for 40 years, and in that time span issued 480 bulletins with 16 editor-in-chiefs' involved. Good luck to the new combined/merged group with their new DX bulletin *DX Aktuellt*.

Kari Kivekäs, Secretary General of EDXC and **Jan-Mikael Nurmela**, Assistant Secretary General of EDXC would like to welcome you all to the EDXC Conference 2013 to be held in Figueira da Foz, Portugal, on 6-9 September, 2013. The conference hotel is the Sweet Residence & Gardens (www.sweethotels.pt/hoteis_residence.php) 500 metres from the nearest beach of the Atlantic Ocean. The

preliminary program is as follows (local time): 6 September (Friday): 19.00 Check in starts at the Sweet Residence & Gardens and 21.00 Welcome session with cocktail. On 7 September (Saturday): 08.00-10.00 Breakfast, 10.00 Programme about DXing and EDXC, to be confirmed: introduction to the history and recent developments of Portuguese shortwave & medium wave broadcasting, by **Mika Palo** + a talk with Portuguese DXers on the little known DX hobby in Portugal, current EDXC topics 15.00 Visits to Sottomayor palace and Rádio Foz do Mondego (a local private FM station in Figueira da Foz), 18.00 DX Programme, to be confirmed: Italian DXer **Dario Monferini's** slide show about his recent trip to Peru, 20.00 EDXC banquet. On 8 September (Sunday): 08.00-10.00 Breakfast, 10.00-18.00 A day tour by bus including: a visit to the historical centre of Coimbra, a visit to the transmitter centre of RDP Centro and a visit to Quinta do Encontro vineyard + a wine museum in Anadia. 18.00 Return to the hotel + DX programme/evening free. On 9 September (Monday): 07.30 A quick breakfast, 08.00 Check out from the hotel, 08.15 Departure to Lisbon by bus, 11.00 A tour in Lisbon with visits to RDP Internacional & Radio Renascença, lunch on your own, sightseeing in Lisbon, 17.00 End of the official programme. Preliminary prices (hopefully maximum): Single room per person: 320 , Double room per person: 270. Including: Accommodation (3 nights) at the conference hotel Sweet Residence & Gardens, Breakfasts at the hotel, - Welcome cocktail on Friday, Visit to Rádio Foz do Mondego on Saturday, Banquet dinner with programme on Saturday, Day tour on Sunday, with lunch and wine tasting on a vineyard, Transfer + sightseeing to/in Lisbon on Monday and Conference fee. We want to be very transparent with the pricing so more information about the prices

in more detail will be available as soon as we get a confirmation from the hotel. If you have anything to ask, please, do not hesitate to contact either Mika Palo, the EDXC 2013 conference coordinator in Portugal (mika.palo@clix.pt), or Kari Kivekäs (ksk@sdxl.org). More information can be found also on EDXC blog (www.edxcnews.wordpress.com).

Join the National Radio Club, the International Radio Club of America, the Minnesota DX Club and the Worldwide TV-FM DX Association in Minneapolis for the joint convention 1-4 August 2013. Cost of the

convention registration is \$45.00 which includes the Saturday night banquet and the Friday "Pizza fest" at the Museum of Broadcasting. Checks/money order to NRC should be sent to Skip Dabelstein (8808 North Iron Ridge Drive, Tucson, AZ 85743. Contact Skip at ckdabel@comcast.net. The convention hotel is the Holiday Inn Bloomington South Airport Mall (952-884-8211) in Minneapolis. Registration code "NRC" for rooms at \$79.00 per night.

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



Musings

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

Please e-mail musings to jerrylineback@comcast.net. Next deadline is April 24. Thanks to all contributors.

Richard A. D'Angelo <rdangelo3@aol.com>, 2216 Burkey Drive, Wyomissing, PA 19610
It was great to see so many members at the NASWA Winter SWL Festival in Plymouth Meeting last month. Thanks to Rich Cuff and John Figliozzi and their excellent team of folks that collectively support this effort. I attended many of the forums and enjoyed the company of many people during my stay. Next year the FEST will be held on February 28-March 1 so mark your calendar to attend. Congratulations to Dan Ferguson who was selected by Executive Council as the recipient of the William P. Eddings Award as the club's member of the year. Over the year's Dan has done just about everything imaginable for NASWA.

Darrell Anderson, 17232 174th Avenue, SE, Renton, WA 98058-9513

I'm a new member to NASWA. I'm looking for DX and/or letters from listeners type programs in shortwave. The only one I've found is on Havana radio and it doesn't come in well here near Seattle. If you remember DX Partyline on HCJB that's the type of program I'm looking for. Reception here isn't very good. If you know of similar programs like DX Partyline please send times and frequencies so I can enjoy shortwave like I used to.

Thanks, Darrell

Stephen C Wood, Harwich, MA

I just returned from my third Winter SWL Fest in Pennsylvania this past weekend. My congratulations to the organizers, Richard Cuff & John Figliozzi, for their tremendous effort in pulling off this event without a hitch. How they continue to do this year after year is a mystery to me. I have trouble organizing a dinner party.

There were a few interesting forums that I attended and one that I wish I could have. I was disappointed that I missed the presentation by WBCQ but I just couldn't make it to Plymouth Meeting until after lunchtime. Kim Andrew Elliot's talk on digital shortwave was excellent and I always enjoy Dave Goren's shortwave shindig. Dave Marthouse gave a good presentation on Satellites that was interesting and historical. I applaud all of

the presenters for their efforts. To me presenting a forum seems a dauntless task. One which I am not sure I'd have the confidence to attempt. Despite these highlights the Fest seemed to be a lot of the same things I had heard and seen the past two times I had attended. It just felt a bit stale. Perhaps it was the dwindling attendance. The recent downturn in the hobby and the aging participants seemed to mirror the level of enthusiasm and excitement at the Fest itself. Problems with the Hospitality Sweet, due to Hotel restrictions, also seemed to dampen the festivities. Even the lively pirate activity usually noted on the bands was down to only one station, at least that I heard. From the tales of Fests past, at least from what I have been told, it would seem that the better days are behind us.

Perhaps my expectations were a bit unrealistic. I had hoped that there would be more forums directly addressing aspects of shortwave broadcasting. As I stated above I couldn't see myself presenting such a forum so I guess I'm part of the problem also. Perhaps these were part of the earlier Fests which I missed. The hobby that the Fest celebrates, if not in its death throes, does at least have an extremely serious cough. Right now I do not see a good prognosis for this patient. However, one thing I have learned is that the future will surprise you in ways you would never expect. So I will continue to listen to the bands and expand my interests into Utilities and out to the Medium Waves (something I am well into now). I'll keep my radios warm and the night light burning. With my dog asleep under my desk; the cat curled up atop the LED glowing receiver, I will continue to pursue what DX may remain for the foreseeable future. The Fest, however, may not be a part of that future. But I reserve the right to change my mind, again.

73s, Stephen C Wood

Edward Nawrocki, 2302 South Ridge Ave., Kannapolis, NC 28083

They say the definition of insanity is doing the same thing over and over again and expecting different results. Since I started listening again in late 2009, I have received 85 replies to my reception reports. But 53 remain unanswered. To these I have sent 2 or 3 follow up reports to no avail. It seems I am sending reports to stations that have no interest in replying. But they have no problem in keeping the two dollars I send for return postage. Yes, I still use snail mail. At present, my Icom 75 is packed away in its original packaging. Who knows what it will be worth in the future, haha! I am using a Grundig Satellite 750 for now. The money spent on air mail stamps and return postage would have brought me a heck of a good bowling ball, haha! Maybe things will get better!

Thanks, Edward

Errol Urbelis, 563 Meadow Rd, Kings Park, NY 117540-5009

I was a member way back in 1963 and have been a SWL since 1957 and have heard 234 Countries. I received for Xmas two Zenith Transoceanic receivers, the Royal 7000 and the R-7000, a nice gift from my wife and daughter. The first night I heard R. Medi Un, Nador, Morocco, on 171 kHz Long Wave. It was a pop Arabic music program with a YL-DJ. Very good signal, even better than my Kenwood TS-940. I use the Zeniths everyday along with my Kenwood. I have a pet peeve. It is that some report station frequencies to hundredths of kHz such as 4974.98, 4984.14, or 5039.72. Aren't you going to hear the station if you tune on the nominal frequency or is it lost completely. Let's get real. I have read all of Jerry Berg's books and they are musts for your SWL library.

73s to all, Errol

Thanks to all contributors, 73s from Jerry Lineback. That is all for this month. Please send your musings and thanks. 73, Jerry.



Easy Listening

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

Broadcaster Watch List

Montsinéry transmitter site to close –

affects Radio Japan and Voice of Vietnam

This isn't good news for broadcasters that have still sought to serve North American listeners, as this leaves only Radio Havana Cuba as a non-domestic high power shortwave transmitter site focused on reaching North America. **The Voice of Vietnam** and **Radio Japan** were the two non-religious English language broadcasters still using this site to reach North America, particularly after the CBC's Sackville, New Brunswick site closed down. While the Voice of Vietnam also uses the BBC's UK-based transmitters to reach North America at 0100, Radio Japan has announced the end of two of its North America-focused shortwave relays with no announced replacements.

There are still some Europe-based transmitter sites that send signals reliably in our direction, such as Wooferton, UK; Wertachtal, Germany; Cërrik, Albania; Noblejas, Spain; and Grigoriopol, Moldova (Transnistria)...but the continued loss of New World shortwave transmitters not beholden to religious or commercial interests is a distressing development.

As I tend to say at least once a year, a note sent to your favorite broadcaster still on shortwave will help them argue for the continued use of shortwave when they're confronted with budgetary pressures.

Radio Romania International programming review

RRI is one of the remaining holdouts that delivers a decent signal into Eastern North America; its posted frequency schedule as of March 31st includes 2030-2100 UTC to Eastern North America on 11745 and 13800 kHz, and 0000-0100 UTC on 9700 and 11955 kHz.

In addition to shortwave, RRI offers live streaming of its programming across multiple languages, as well as a week's worth of archived audio via its own website, <http://www.rri.ro>. While all editions of each day's English language program aren't necessarily available, four of each day's English language releases are included. Currently (before adjusting for the A-13 upcoming time change, the 0400, 0630, 1200, and 1800 editions of RRI's English language programming are available at the RRI website; The World Radio Network also offers a deeper archive – 30 days – of archived audio from the 1800 UT broadcast. RRI airs live in the WRN North American service (available via Sirius/XM satellite radio) at 0100 and 2100 as of this writing.

As for RRI's programming, each day – either the 30-minute version or the 60-minute version – contains a mix of news and features depending on the day; each day's broadcast begins with *Radio Newsreel*, a news program that focuses primarily on news about Romania and its interactions with other EU countries. The news leads off with the current Bucharest weather – a nice touch! Short story summaries are then augmented by one or two items reported in greater detail. An amusing side note – the news “sounder” is the same as that long used by **Kol Israel!** Weekend versions are shorter; weekday versions run approximately 14 minutes. Each day's broadcast doesn't have program rundown, which would frankly be a helpful future.

In the programming notes below, note that RRI's programming day begins with the 1200 UTC broadcast and ends with the 0630 English language broadcast. Note that UTC times will generally shift one hour earlier as of the end of March.

A recent UTC Sunday into Monday hour included *Inside Romania*, a magazine program on life in Romania; *Romanian*

Without Tears, a Romanian language program; *Listeners' Letterbox*, where a pair of male & female announcers review reception reports, answer listener questions, and highlight contest results and other behind-the-scenes information. This program tends to include a Romanian pop or folk tune. *Living Romania* is also a Monday feature that looks at interesting Romanians; *Practical Guide* is a feature on immigration or working in Romania. *Guests on RRI* interviews people with interesting stories, primarily with multicultural experiences. The broadcast closed out with *All That Jazz*, featuring music performed by Romanian jazz artists.

Each segment ran perhaps 5-7 minutes, with the exception of *All That Jazz*, which ran longer. Information at the RRI website listed additional features, which suggests some of these don't air each week. The relatively short length of each segment helps the hour move along pretty quickly, given that the entire content focuses on matters Romanian. It also helps that different announcers host each feature sequentially, breaking up any monotony that might develop from hearing the same announcer droning on and on for a whole hour.

A recent UTC Monday/Tuesday broadcast featured *Pro Memoria*, a program focusing on Romanian history; *Sports Roundup*, looking on sporting results for Romanian country teams as well as Romanians in individual competitions. *Earth News* looked at environmental affairs impacting Romania; this day's broadcast included jibes at Romania's neighbors for emitting more than their share of fossil fuel power plant emissions. *Guests on RRI* was followed by *New Names On The Cover*, a program focusing on newly-released books involving Romania including author profiles. *Romanian Hits* was the day's music feature. The hour closed with an announcement of a contest celebrating 85 years of public broadcasting in Romania.

A recent Tuesday/Wednesday broadcast included *Business Club*, a program focusing on economic development and business

issues; *Cultural Event*, a feature on fine arts and culture involving Romania and Romanians. *Athlete of the Week* highlighted a specific Romanian athlete for a recent performance, including a biography and recent accomplishments. *Living Romania* was followed by *People and Places*, featuring a profile of a notable Romanian – in this instance a film director. *RRI Encyclopedia* featured details on a famous Romanian statue and its history. *Practical Guide* was followed by *Roots*, a feature on a specific Romanian tradition connected with the March calendar.

A Wednesday/Thursday broadcast carried *Society Today*, looking at an issue in current Romanian society, with this particular edition focusing on child abuse; a *Song of the Day* featured a current popular song. *Visit Romania* covered a tourist destination in detail; *Sports Club* included results from sporting events involving Romanian teams. *Partners in a Changing World* highlighted Romania's cultural exchanges and participation in international forums; *Romanian Musicians* profiles notable music performers and their recent works. The hour closed out with an announcement of the "Radio Romania 85" contest.

A Thursday/Friday edition featured an extra-long *Radio Newsreel*, followed by *Guest on RRI*. *Football Flash* featured an update on Romania's national team; *The Skylark* is a Romanian folk-music program, probably one of the best reasons to tune into RRI. *Listeners' Letterbox* then followed, with a folk tune interspersed in the segment.

Bangladesh Betar – Streaming alternatives

While **Bangladesh Betar** has been a recent visitor to shortwave receivers in North America, you couldn't exactly regard them as an "Easy Listening" type of station. Not to worry...a daily 10-minute English language news bulletin, recorded at 8 AM local time, can be heard on-demand from the Bangladesh Betar website, <http://www.betar.org.bd>. This appears to be a

domestically-targeted newscast, though it might be the same as heard on shortwave. It's a reasonably easy-to-listen-to newscast, as the news reader doesn't have a particularly thick accent often characteristic of English speakers on the Indian subcontinent.

Bangladesh Betar also streams its audio live; I've listened at scattered times and have primarily heard music and non-English speech, though at 1545 UTC one day I happened upon an English language segment; the live audio stream appears to be recorded off the air complete with QRM, as it isn't as "clean" as audio streamed directly from a playout console.

This would appear to be the domestic service from Dhaka that airs locally on 693 kHz, presuming the schedule shown on Bangladesh Betar's website is correct...I know, a dangerous assumption! I also don't know if this content is the same as what airs in the external service available over shortwave...that's a task for another day...

New from the BBC World Service: The Newsroom; other changes

April brings some changes to the **BBC World Service**, including a new news program. This has been mentioned for a while – *The Newsroom* is a program designed to replace *World Briefing* on the World Service schedule and will likely incorporate elements from the BBC World News TV service, which launched in a new, high-tech studio environment this past January.

The Newsroom will air at 0005, 0205, 1105, 1605, 1705, 1905, and 2305 weekdays; Saturday air times will be 0005, 0205, 0405, 0505, 1005, 1205, 1805, 2005, and 2305. Sunday air times will be 0205, 0405, 0505, 1005, 1205, and 1905 UTC.

Also, the arts program *The Strand* will end as a separate program, with arts content folded into an expanded, hour-long *Outlook* program. On Fridays, *Outlook* will be replaced by *The Fifth Floor*, which highlights programming content across the 27 languages of the World Service.

Reductions in the use of shortwave – which were announced in October 2012 – will be implemented with the spring schedule season, with shortwave usage generally reduced to six to eight hours per day, primarily in the peak morning and evening listening periods. This will likely mean that the services we used to be able to hear from roughly 1000 to 1600 UTC in Eastern North America, that were targeted to Africa, will likely no longer air.

However...programming that targets the Sudan will not be reduced on shortwave, as that remains the primary means people in that region are able to hear the World Service.

Winter SWL Fest: 104 enthusiasts shared in the mirth and merriment

Early March saw the gathering of 104 radio enthusiasts – including some folks that have managed 26 years of SWL Festing, as well as some for whom this was their first Fest, in beautiful Plymouth Meeting, PA.

Folks enjoyed the usual mix of forums, panel discussions, exhibits and displays, as well as plenty of time to sit around and catch up with old friends. Next year's Fest will be the weekend of February 28 – March 1; it's not too early to mark the dates on the calendar and request the time off from your employer!

73 DE Richard



International Broadcasting

Dr. Kim Andrew Elliott • 5001 25th St. North • Arlington, VA 22207 • kimelli@verizon.net
http://www.kimandrewelliott.com

VOA Radiogram wishes you happy decoding

After more than year of promoting the concept to the IBB and VOA decision makers, I finally went back on the air March 16 as the producer and presenter of VOA Radiogram. VOA Radiogram is an experimental program to determine if the digital text modes used by the amateur radio community can be sent by shortwave broadcast transmitters and received by ordinary shortwave radios. On the microphone, I introduce each text mode, then that mode is transmitted.

Of course, the radio itself won't decode the text (although a future radio might). The tones must be fed to a personal computer using a patch cord. In a pinch, "acoustic coupling," placing the radio's speaker next to the built-in microphone of a laptop computer might work. Then software, much of it freeware or shareware, does the decoding.

Most VOA Radiogram listeners are using Fldigi available from www.w1hkj.com. It has all the modes that we use on the show, and it has a companion program, Flmsg, which allows VOA news stories to pop up as formatted web pages as soon as they are received.

For now, all of the VOA Radiogram broadcasts are from the IBB transmitter site at Greenville, North Carolina. Here is the schedule: Saturday 1600-1630 on 17860. Sunday 0230-0300 on 5745. Sunday 1300-1330 on 6095. Sunday 1930-2000 on 15670. Those frequencies might change by the time you read this, so check voaradiogram.net for the latest transmission schedule. Reports on reception and decoding are welcomed and should be sent to radiogram@voanews.com.

Reports from all over

After the first broadcast at 1600 on March 16, I received emails from all over Europe:

Austria, Belgium, Bulgaria, England, Finland, France, Germany, Italy, Romania, Slovakia. Also from Brazil, Egypt, Indonesia, and Mexico. And from states and provinces in North America from coast to coast. All these from one transmitter on one frequency from Greenville.

The "soft launch" during the weekend of March 16 involved three of four modes sent simultaneously. There is bandwidth in an AM signal to do that. However, for the official launch a week later, we transmitted only one mode at a time, to concentrate on the energy on that mode and achieve the highest possible signal-to-noise ratio, thereby improving the chances for a successful decode. We also increased the audio levels on the tones and my voice.

Success in decoding the modes varied. Max Scordamaglia in Montombraro, Italy, had this copy in the BPSKR125 mode:

«"This is the fourth comet on which we have performed science observations and the farthest point from Earth from which we've tried to transmit data on a comet," said Tim Larson, projec|rthnzv> the Deep Impact spacecraft at NASA'O|cul<sion Laboratory in Pasadena, Calif. "The distance |Rtn>idth, so it's a little like communicating through a modem after being used to DSL. But we're going to coordinate our science collection and playback so we maximize our return on this potentially spectacular comet."»

You can see what happens during fades. In subsequent VOA Radiogram programs, we will feature MFSK, MT63, and Olivia modes, which have the error correction and interleaving to overcome some of those fades. We started with the PSK modes, because they are familiar to the amateur radio community.

Occasional perfection

Partick Robic in Leibnitz, Austria, had perfect decode of our one-minute transmission of PSK63F (the F stands for forward error correction):

«Asteroid's Spin Intrigues Astronomers

Suzanne Presto

February 14, 2013

Astronomers hope to learn more about Asteroid 2012 DA14's

features and composition as it flies past Earth at about 7.8 kilometers per second - far faster than a speeding bullet. But that's not all they...»

Michael Kunze in Dortmund, Germany, had similar results with the PSK63F transmission.

Franco Spinelli in Meda, Italy was able to sustain five perfect paragraphs of PSKR500, a mode that sails along at 400 words per minute and is generally considered too fast for shortwave. As pasted from Franco's e-mail:

«The U.S. space agency's Goldstone antenna in the western state of California will beam radio waves toward the asteroid. Busch and his team will be about 1,000 kilometers away in New Mexico, where the National Radio Astronomy Observatory operates a pair of antennas, about 400 kilometers apart. The two antennas will receive the waves reflected off the asteroid's uneven surface.

Busch explains parts of the asteroid will reflect the signal differently, allowing astronomers to observe so-called "speckles."

"That pattern is random, but it moves across the Earth as the asteroid spins, so by tracking the time difference in when a different speckle arrives at a given antenna, I can figure out how fast and in what direction the asteroid is spinning," he said.

Busch also explains that the part of the asteroid that is in view of the sun develops a hot spot that radiates heat. This exerts a gentle, jet-like push that can speed up or slow down the asteroid. Over time, this can significantly alter its orbit.

Astronomers with NASA, the U.S. space agency, say 2012 DA14's next notable close approach to our planet will be in 2046, and even then, it won't strike the Earth.»

Actually, speed might not be essential in future applications of text via shortwave broadcast. I could foresee situations, where the internet is unavailable, that the audience would receive the text while sleeping or doing other things, then retrieving the text later. Watching text arrive in the slower modes, say less than 100 words per minute, is, as one listener put it, "like watching paint dry." But it is the slower modes that are most robust in difficult shortwave reception conditions.

Modes to be featured in future VOA Radiograms include: March 30/31: MFSK, April 6/7: MT63, April 13/14: Olivia. It is likely the series will be repeated, in case you missed any of the early programs.

Views expressed above are my own. More international broadcasting news at www.kimandrewelliott.com.



Shortwave Center

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

This month, full details on this year's NASB Annual Meeting, a final installment (for now) in Adrian Peterson's series on Radio Broadcasting in Ceylon, and—better late than never—Anker Petersen's report on last year's EDXC Conference.

CONVENTION NEWS:

National Association of Shortwave Broadcasters, Inc. and DRM USA Annual Meeting

The 2013 Meeting will take place May 15-17, 2013 at EWTN Television in Birmingham, Alabama.

Registration for the meeting is free of charge, and it is open to anyone with an interest in shortwave broadcasting or listening. To register, fill out our online registration form at www.shortwave.org/meeting/meeting.htm or send your name and e-mail address to Jeff White at radiomiami9@cs.com.

As usual, the NASB Annual Meeting will be held in conjunction with the DRM-USA platform on May 15-17, 2013, at the headquarters of NASB member EWTN (Eternal Word Television Network) in Birmingham, Alabama. NASB President Glen Tapley, Terry Borders and other EWTN staff members will welcome shortwave broadcasters, listeners and anyone with an interest in shortwave radio to the Birmingham venue.

Arrangements have been made for hotel accommodation at the nearby Holiday Inn Express for a price of \$75.00 plus tax, including breakfast daily. The Holiday Inn Express Irondale (a suburb of Birmingham) is about a half-mile from the TV network, the location for Thursday's meeting and tour of the TV studios. The hotel will provide a free shuttle service to and from EWTN and a continental breakfast. EWTN will provide lunch Thursday. On Friday, participants will take

a 40-minute trip to the WEWN shortwave transmitter site high in the picturesque mountains surrounding Birmingham, and the radio staff will have a cookout on the hill for attendees. EWTN is looking forward to your visit!

Tentative Agenda For NASB 2013

WEDNESDAY EVENING

Reception at hotel with cocktails (including non-alcoholic) and hors d'oeuvres for all participants, sponsored by the Holiday Inn Express

THURSDAY

Meeting takes place at EWTN TV station 9:00 am-5:00 pm. The meeting will be opened by the EWTN President/CEO.

Tour of TV plant

Lunch at TV plant

Afternoon presentations: DRM talks, AJ Janitschek of Radio Free Asia (on "Green Engineering"); Dr. Dowell Chow, President of Adventist World Radio; Mike Rosso, Vice President, and Dave Hultsman of Continental Electronics; Mark Allen of Rohn Tower Company; and Jerome Hirigoyen of Télédiffusion de France about TDF's Issoudun

transmitter site.

FRIDAY

Tour of shortwave transmitter site – vans will pick up at the hotel. Remarks by Terry Borders.

Cookout on the mountain for lunch

Back to TV plant for business and board meetings (or on the mountain if agreeable)

Hotel Reservation Details

Room reservations need to be made at the Holiday Inn Express by April 16 to ensure the group rate. After that, reservations can still be made, but only based on availability. There is no cancellation fee if the reservation is canceled by 6 PM the date of arrival. Otherwise there is a one-day charge.

Attendees simply need to e-mail: hiexpressirondale_gm@hp-hotels.com with the Subject: *NASB Reservations*

The hotel will send confirmation within 24 hours. The price is \$75.00 per night plus tax.

ADRIAN PETERSON'S DIARY:

The Story of Radio Broadcasting in Ceylon: The Enigmatic Radio SEAC Kandy

The fourth radio broadcasting station in Kandy, the SEAC shortwave radio station, is an enigma. Yes, there are several references in radio magazines to the SEAC shortwave radio station in Kandy, Ceylon, particularly in Australia, and probably also in New Zealand. And yes, occasionally you will read a radio history article that (incorrectly) presents details about the SEAC Kandy shortwave station. And yes, a shortwave station in Ceylon back then did give an identification announcement on air stating: "Here is Kandy".

Those who do not wish to use e-mail can phone the hotel at (205) 957-0555 and request to speak with Adrian or Margarita.

Information you need to provide in your e-mail or by phone:

Name of Guest(s):

Email/Phone Number:

Check in/out dates:

Estimated time of arrival:

Preference of room type (King or Two Queen Beds):

Number of People in Room:

Method of Payment: (Do not provide credit card number with e-mail. The Holiday Inn Express will contact you later for that information.)

If you have any questions about the 2013 NASB Annual Meeting, or would like to sponsor an event at the meeting, contact Jeff White at radiomiami9@cs.com

However, there never was a shortwave radio broadcasting station in Kandy; not a studio and not a transmitter. This is what happened.

Admiral Lord Louis Mountbatten, Supreme Allied Commander South East Asia Command SEAC, arrived in Kandy, Ceylon from New Delhi, India in June 1944; and soon afterwards, so did four train loads of equipment. He took over the Botanical Gardens at Perideniya, and he established his Asian headquarters in the King's palace, overlooking the neighboring area. In addition, Mount-

batten also had his own private railway train for commuting between Kandy and Colombo.

The first transmitter tests from the new "Kandy" shortwave station began on October 11, 1944; and at the time, it was stated, they were planning on the broadcast initially of four hours of programming daily. The programming was intended for Forces personnel in the SEAC command areas, and it would be beamed to the Indian subcontinent and to South East Asia.

The broadcasts from SEAC Radio Kandy would be supplemental to the programming that was already being produced by the SEAC broadcasting unit in New Delhi, and which was on the air mediumwave and shortwave over station VUD in Delhi. The timings of the two sets of broadcasts, Delhi and Kandy, would be scheduled daily in such a way that listeners in the intended target areas would have one continuous long series of shortwave programming each day.

Additionally, SEAC Kandy would also transmit news and commentaries to the BBC in London for inclusion in their General Overseas Service on shortwave. SEAC Kandy would also relay the shortwave programming from the BBC London and from the Voice of America in Washington, DC to audiences in Southern Asia and South East Asia.

All of this broadcast schedule, together with locally produced programming, was co-ordinated in a set of borrowed studios, it was stated. In addition, they were also planning on establishing a mediumwave station for coverage of the city of Colombo.

Additional test broadcasts from SEAC Kandy began two weeks later, on October 26 1944 on 15275 kHz and these were monitored in Australia at a good level. Initially, this station identified on air as SEAC Kandy, and also as United Nations Radio. The location announcement stated simply: Here is Kandy. As heard in Australia, the signal was described as strong, no doubt due in part to the saltwater pathway.

For nearly one year, these SEAC broadcasts were noted in Australia, and the last known

listing as SEAC Kandy was in October 1945. As stated in an Australian radio magazine, it was a relay of the BBC Forces Program on a new channel, 11765 kHz. All of the known channels for the so-called Radio SEAC Kandy during this time period were: 11765 kHz, 11810 kHz, 15275 kHz and 17815 kHz.

Now, if there was no shortwave transmitter and no studio facility in Kandy, then what is the answer? What was the location for this enigmatic Kandy Radio?

The answer was given to us some time back in a letter from Geoffrey Haggett, who served with SEAC at the time. He was formerly a BBC program producer in England and at SEAC New Delhi, and he subsequently went on to New Zealand for service with Radio New Zealand International. At the time when he wrote to us, he was spending a quite retirement in a regional city in New Zealand. This is what really happened regarding SEAC Kandy.

Initial construction work began on two shortwave transmitter sites at Ekala, a dozen miles north of Colombo, in the early 1940s. These were the large and well known SEAC transmitter station at Ekala, and also an adjoining transmitter base for use by the RAF, Royal Air Force. At the time of the so called Kandy broadcasts, work at the large adjacent SEAC transmitter base was far from completion.

The nearby RAF transmitter station was a self-contained facility, with its own power generation system and living accommodations for some 40 staff personnel. Several small shortwave transmitters were installed, Marconi SWB8 transmitters rated at 3.5 kW. These were in use for high-speed telegraphy, but they were not equipped with modulators for speech transmission. The antenna systems were directional diamond shaped 3-wire rhombics.

In order to launch the new SEAC radio service, an RCA transmitter model ET4750 rated at 7.5 kW, was installed temporarily in the RAF transmitter building and transmitter tests began on October 11, 1944. Additional test broadcasts began two weeks later on

October 26; and on subsequent occasions, this temporary SEAC transmitter also carried some program broadcasts.

A grand opening ceremony for the new and temporary Radio SEAC, Radio Kandy if you please, was planned for Sunday, April 15, 1945, with Lord Louis Mountbatten himself present for the occasion. Special test broadcasts went out in advance on the Friday and Saturday. However, during the Saturday evening test broadcast, the modulator on this temporary shortwave transmitter failed, due to the fact that apparently it had not been tropicalized at the time of manufacture.

A spare unit replaced the now faulty modulator. This failed also, for apparently the same reason; that is, it had not been prepared at the time of manufacture for use in the harsh climatic conditions found in the tropics.

Now, it just happened that there was a small .5 kW transmitter in the RAF Transmitter Building that was in use for voice communication with aircraft. This transmitter was a BC610, designed by Hallicrafters and manufactured in the United States for army voice communications.

This small low powered unit was hurriedly taken over for the prestigious opening ceremony during the evening of the next day, Sunday April 15, 1945. It is not known what channel was in use, but it is presumed that it was a shortwave communication frequency, and this would mean that almost no one heard the official opening ceremony. Mountbatten, of course, knew nothing of these goings on.

The studios at the time were located at 191 Turret Road, opposite the Town Hall in Colombo. However, the main building was still under renovation, and a temporary studio was installed in the washhouse opposite.

In reality then, Radio SEAC Kandy was a shortwave broadcasting station:

- Using temporary studios in Colombo,
- A 7.5 kW shortwave transmitter at a temporary location,

- Another even more temporary .5 kW shortwave transmitter for the opening ceremony,
- And a borrowed city name, Kandy, instead of Colombo.

Now, we would ask: Why the secrecy regarding this new radio broadcasting station? We would suggest that disinformation regarding the SEAC shortwave station in Ceylon was for the same reason as we have discovered regarding at least three other cases of similar disinformation; that is, a convenient cover up regarding the actual specific locations during wartime conditions. We should also remember that this new SEAC radio broadcasting station was temporarily located in a high security area, the Royal Air Force Transmitting Station at Ekala.

Radio SEAC Colombo Takes to the Air!

Initial consideration for a large shortwave transmitter station at Ekala goes back to the year 1941, when preliminary plans were laid for a shortwave facility to extend the coverage of Radio Colombo, for listeners both in Ceylon, and further afield in Asia. At first, progress on this new station went slowly, but when Admiral Lord Louis Mountbatten came on the scene in 1944, work on this project became a high priority.

The design for the shortwave station in Ekala, Ceylon was very similar to the design for the huge BBC shortwave station located at Tebrau on the Malay peninsula. Much of the electronic equipment was quickly shipped from the Marconi factory in England, but the ship was sunk by a torpedo off the coast of Ceylon. The original antenna towers came from the Isle of Wight, and these were lost also when the ship went down as a result of enemy action.

A 2nd consignment of electronic equipment was shipped out from England, and this was quickly installed into the new transmitter building at Ekala. Provision was made for one shortwave transmitter at 100 kW, an English Marconi model SWB18, and three at 7.5 kW, American RCA models ET4750, one of which was transferred from the RAF

transmitter station next door. The antenna system consisted of four curtain antennas and three Krauss dipoles, and these were strung from six tall aerial towers. A total of four diesel power generators were installed in a separate building, three for regular usage, and one as a standby unit.

The SEAC studios, already on the air via the RAF shortwave station at Ekala as mentioned previously, were located in the building at 191 Turret Road, Borella, quite opposite the Town Hall. By the time the large new SEAC transmitter base was ready for on air usage, the suite of studios was well established, with 3 on air and production studios, a control room, and also an equipped radio van for use in outside broadcasts.

The SEAC receiver station was also the RAF receiver station, located at Horahena, some 10 miles distant from the two side-by-side transmitter stations. This receiver facility included two banks of 3 receivers, American RCA receivers model AR88, and the receiving antennas were triple wire directional diamond shaped rhombics. The receiver output was landlined to the studio complex in Colombo, with the main shortwave relay programming coming in from the BBC, London, All India Radio, Delhi, Radio Australia, Melbourne, and the Voice of America in Washington. DC.

It appears that the first unit installed in the new SEAC building at Ekala in 1945 was a new RCA transmitter, model ET4750, rated at 7.5 kW. Test broadcasts from this transmitter went on the air in advance, and it was taken into regular service on May 1, 1946, along with the large 100 kW unit.

Likewise, this 100 kW unit was installed during the latter part of the year 1945, and the 1st test broadcasts were noted in April of the following year. This unit was taken into regular service on May 1, 1946, along with the smaller RCA unit. Both transmitters were officially opened with a commissioning ceremony one week later, on May 8.

Soon afterwards, the low powered shortwave transmitter at suburban Welikada was removed and re-installed at Ekala, and this

was inaugurated with 1 kW on 3390 kHz for islandwide coverage. A 4th shortwave transmitter, another American RCA unit at 7.5 kW, was inaugurated at Ekala during the following year.

The officially licensed callsign for the SEAC transmitters was ZOJ, which appears to be a consecutively issued callsign. Apparently, there was a ZOA and a ZOB and a ZOC and a ZOD in some other part of the world. It is known for example that ZOE was the callsign for the shortwave station located on the island of Tristan da Cunha in the South Atlantic. Apparently the Ceylon sequence began with ZOH and ZOI for the local stations of Radio Colombo, and the SEAC call in alphabetic order was ZOJ.

A 10 kW mediumwave transmitter was also installed for SEAC coverage of greater Colombo, and this was inaugurated some time towards the end of the year 1948, under their regular callsign ZOJ. It is not known where this transmitter was located, though we would suggest that it was at either Ekala or Welikada.

The entire SEAC facility in Ceylon was established under the direction of Lord Louis Mountbatten and this era began on October 11, 1944 and ended in May 31, 1946 due to the fact that the SEAC headquarters were already transferred from Ceylon to Singapore. At this stage, the War Office in London took over the administration of the SEAC station in Ceylon, and they ended their oversight of the facility, around the end of the year 1948 or early in the year 1949. However, the changes in the administration of the station had little impact on the actual programming schedule, and during these eras the station always identified on air as Radio SEAC.

Radio SEAC in Colombo Ceylon was always an excellent verifier, and their plain text black and white QSL card was received by a multitude of listeners all throughout the world.

For a period of time as an era of peace began to take over the world, this large and well placed station operated as a regular relay station on behalf of the BBC in London.

CONFERENCE REPORT:

EDXC Conference in Germany, 30 May–04 June, 2012

by Anker Petersen.

This EDXC Conference was organized by Dr. Harald Gabler (RMRC), Robert Kipp (RMRC/DSWCI) and Bernhard Hein (DSWCI). They had found an excellent venue at Hotel Landgut Ochsenkopf in the forest of Dübener Heide in Sachsen.

45 DXers and spouses from Japan, Russia, Finland, Sweden, Denmark, United Kingdom, The Netherlands, France, Italy, Austria and Germany participated in this international meeting.

The Conference was opened at 1000 on Thursday, 31 May by Dr. Harald Gabler with a glass of sparkling wine under the flag of the EDXC.

After that the group had an excursion to the beautiful Wörlitz Park (UNESCO site) in Anhalt, where we walked around and had a very enjoyable sailing in two rowing boats.

At 1600 the Secretary General Tibor Szilagyi officially opened the EDXC 2012 Conference. He is resigning by the end of 2012 and pointed out, that he during the past six years has concentrated his efforts in organizing the EDXC Conferences in Lugano, Vaasa, Dublin, Ankara, Bulgaria and now in Germany.

Then Dr. Harald Gabler held a provocative opening speech: "EDXC yesterday - today - and tomorrow?" which pointed out, that the original purposes of the EDXC have been fulfilled and that EDXC as an organization is no longer needed! But the Clubs are invited to organize future international Conferences.

Then Michael Schmitz (ADDX) gave a presentation about: "Perspectives and Challenges for SWL-Clubs in a new Age".

Michael said, that the good times from the 1970s and 1980s have been replaced by new media with a decreasing number of short-wave, mediumwave and satellite frequencies. The young people are just as curious as we were, but they seek their news and entertainment via the internet.

At 1700, some participants had an excursion to the Amateur Radio Club in Dessau to see their 10 diameter parabolic antenna for Moon-Bounce.

After dinner, Mr. Bernd Reuter presented the new receiver "RDR50" from the B. Reuter Company. It has reduced the self-produced noise and intermodulation practically to zero and concentrates listening to audio on a 7 Hz bandwidth. It is very advanced, but also very expensive.

At 2130 began a very unique presentation by German DXer Manfred Rippich about: "My Travels in the South Atlantic" with many visits to Saint Helena, Tristan da Cunha, the Falkland Islands and Ascension Island.

On Friday, 1 June at 1000-1230 we had a lively discussion about EDXC matters:

Tibor Szilagyi asked for a new Secretary General who is younger, IT-minded and has focus on MW and FM. A candidate was found during the Gala Dinner.

Most participants were in favor of continuing the EDXC as an organization which e.g. can support the EDXC Conferences. The present membership fees are low.

Former Secretary General Jyrki Talvitie is at the moment trying to translate the Finnish Landlist to an updated EDXC Landlist.

There was general agreement that the EDXC Conferences should continue to be held at

different places around Europe in order to invite local DXers and in their own languages. It is important to select the right time to keep the expenses low.

Finnish DXer Mika Palo, who lives in Portugal, has indicated that he can organize the EDXC Conference in 2013 at Figueira da Foz west of Coimbra in Central Portugal. Alexander Beryozkin said that an EDXC Conference in 2014 near St. Petersburg was another possibility. Risto Vähäkainu, Finland, stated, that FDXA intends to host the 50th Anniversary EDXC Conference in year 2017.

The Chairman of FDXA, Kari Kivekäs, stressed, that the EDXC is just a small coordination team which needs close cooperation between its member Clubs. It is important to attract younger people by having interesting webpages.

At 1400 an excursion was made to Lutherstadt-Wittenberg, where Martin Luther had his residence from year 1508 till his death in 1546 and initiated the ideas of Reformation. We visited the Schloss-kirche, the Stadtkirche and the Lutherhaus (UNESCO-sites).

Back at the hotel, the DSWCI and the Finnish group had their traditional, informal dinners.

At 2100 Dennis Walter and Thomas Möller from the company Bonito gave a presentation of the new "RadioJet" receiver. It is much cheaper than the RDR50 from Reuter (503 Euro plus tax) and has fantastic audio possibilities, but is not widescreen.

On Saturday, 2 June, there was an excursion to the famous Bauhaus buildings from 1925 in Dessau with iconic modern architecture. (UNESCO site).

At 1500 The Danish Shortwave Club International held its first Annual General Meeting outside Denmark with 20 participating members from nine countries.

At 1700 Anker Petersen gave a presentation: "DXing along the Pan American highway from Canada to Argentina". A journey

through 14 countries with photos, DXing, meeting DXers and visiting radio stations.

At 2000 the traditional Banquet Dinner took place. The Hotel served an excellent dinner, after which gifts were presented to the organizers and to the resigning Secretary General. Then Risto Vähäkainu revealed that candidates to the posts as Secretary General would be Finnish Kari Kivekäs and Assisting Secretary General Jan Nurmela. Risto noted that their ages together were less than the age of present Secretary General! After that a funny drawing with many gifts took place. Later Alan Pennington and Dave Kenny, UK, accepted to be candidates as EDXC Auditors from 2013.

On Sunday, 3 June at 1000 Robert Kipp gave a very thorough talk about: "The Media Situation on Saint Helena".

The shortwave antenna of Radio St. Helena fell down during a storm in summer 2010, but has not been repaired since as there is no technical expertise on the island. The RSH website was closed on 09 March 2012. The local media only supports FM broadcasting. It looks like the British Government has reduced its support to Saint Helena!

At 1500, Italian Dario Monferini gave a humorous report from his: "Travel to Argentina and Peru 2011" with Roberto Pavanello, where they met local DXers and visited several radio stations with varying success.

After that followed interviews for the RMRC shortwave radio broadcasts from Sitkunai the following weekend.

At 1700, Michael Schmitz told about the Bild Archive of the ADDX in Cologne. So far about 40,000 QSLs have been scanned. Dr. Harald Gabler pointed out that this unique collection is used for the annual RMRC QSL Calendar on sale.

Michael Schmitz also mentioned the Archive of DX-magazines, where all editions of some publications have been scanned while others, like Shortwave News and DX-Window, are in the process.

After dinner we heard greetings from Wolf Harranth, Dokufunk, and from Chris van Gelder (son of the late Harry van Gelder), Radio Netherlands Worldwide, which now has left shortwaves.

Via a Skype connection we then got a video connection to the former station manager of Radio St. Helena, Gary Walters, who now lives in Southhampton. He said that Radio St. Helena may close down later this year. There are no prospects on shortwave in the future from the island.


Finally we had a lively discussion about: "The Future of Shortwave Broadcasting – There is Hope". According to the trend predictions by Anker Petersen, domestic shortwave broadcasting as well as international shortwave broadcasting will be more or less totally replaced by other media by year 2022!

Manfred Böhm, journalist at Deutsche Welle, said that during the Cold War international broadcasts with political messages via shortwaves were very important to the nations, but after 1989 they lost their legitimacy and new digital media appeared. In most countries the taxpayers have to pay the costs and they prefer other media than shortwaves. Deutsche Welle was leading in the DRM-project from the start, but from 2002 it was realized that this project would not be a success. By this, it became also the deathblow to international short-


wave broadcasting! The new hope for the stations is the internet. By Google you can get all the information you want, and it is no longer necessary to have live broadcasts! The drawbacks are that the internet can be disrupted or collapse and that it is not available to everybody.

Toshi Ohtake, Japan and Dario Monferini pointed out, that young people do not know how to use a radio receiver, but they are familiar with smartphones.

Risto Vähäkainu said that mediumwave DXing is getting better possibilities with the close down of powerhouse transmitters. FM DX also has improved possibilities.

On Monday, 4 June, we left the hotel. Some participants then visited the Funktechnik-Museum in Königswusterhausen. This place began everything from the very beginning based on Marconi and Popov innovations. The first sound transmission was made from here in December 1920, where the public could hear a Christmas Concert. From 1923 they had from here regular transmissions in Germany. Interesting information was: in 1933, the whole transmitter was taken over by the Ministry of Propaganda, Göbbels. When Göbbels' men arrived in Königswusterhausen, they began to fire all the highly qualified German engineers working there and the Ministry sent their own people. But, these people knew nothing about the fine technique. 

NASWA Yahoo Group

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

Listener's Notebook

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

Times are UTC and frequencies in kHz.

AUSTRALIA 2368.482, *Radio Symban* tiny S=5 noted in Brisbane at 1215 March 1. To compare with tropical band 2325 ABC / VL8T Tennant Creek which was much stronger at S=9+20dB level. (wb df5sx, wwdxc BC-DX TopNews March 1)

AZERBAIJAN *Voice of Justice* in Azeri was heard on Mar.1-7 with poor audio:

1400-1430 on 9676.6vSPK 10 kW Mon/Wed/Fri
0600-0656 on 9676.6vSPK 10 kW Tue/Thu/Sat
(DX MIX News, Georgi Bancov & Ivo Ivanov-BUL, via Dan Ferguson-SC)

9677.7, *Ädalätin Säsi Radiosu* (R Voice of Justice), Stepanakert, Nagorno-Karabakh, observed Mar 09-14 with very old known schedule Tu and Fr only 1400-1425, repeated on We and Sa at 0600-0625. The circulated schedule with broadcasts in all weekdays is non-correct. Main news for this station is that since Mar 13 R Voice of Justice has new transmitter and new studio with clear speaking in Azeri; it is for the 1st time in their history. (Pankov/DX Window) Also heard on 9677.42 at *1400-1410, Tu Mar 19, I/S, Azeri talk, heard on both AOR and RadioJet, 24333. (Petersen/DX Window)

BANGLADESH 15105, *Bangladesh Betar* - Dhaka. English service s/on 1230 with the news and a big fat hum on the audio. Otherwise a fair signal and only slight QRM from China 15110. At 1245, the audio (and hum) completely disappeared for a minute while the carrier remained. Hum still present when audio returned. Intermittent audio for the remainder of the broadcast, s/off 1300. (Rob Wagner-Australia/EDXP)

BELARUS Fresh information from Kolodishchi.
0400-0700, 1500-1700 *Belorusskoe Radio 1*, 7255, 125 kW (to the East)
1705-2300 *Radio station Belarus* 6155, 125 kW (to the West)
1500-2100 *Belorusskoe Radio 1*, 6080, 100 kW (to the East)
1100-2300 *Radio station Belarus* 11730, 100 kW (to the West)
(Sergey Alekseychuk-Belarus/open_dx)

Extended schedule of *Radio Belarus*, Minsk in French and Spanish:

1940-2000 on 6155 French Sat/Sun/Mon/Thu*, ex Sat/Sun

1940-2000 on 11730 French Sat/Sun/Mon/Thu*, ex Sat/Sun

2000-2020 on 6155 Spanish Sat/Sun/Mon^, ex Sun only

2000-2020 on 11730 Spanish Sat/Sun/Mon^, ex Sun only

* all other days in German, ^ all other days in English (DX MIX News, Georgi Bancov & Ivo Ivanov-BUL, via Dan Ferguson-SC)

R Stn Belarus. This may be old news which I missed somewhere, but R Stn Belarus website now shows Spanish 3 days a week: Sat, Sun and now also Mon from 2000-2020, with English starting at 2020 on those days. Also French is now shown 4 days a week: Sat, Sun and now also Mon and Thu from 1940-2000, with German ending at 1940 on those days. Frequencies 6155 and 11730. I tuned in today 11 March at 2022 on 11730 to hear English news in progress, and just too late to confirm the Monday Spanish segment. (Alan Roe, Teddington, UK)

BOLIVIA 4699.94, *R. San Miguel* - Riberalta. Very weak at 1016 with a Latin ballad and anncts by a man with a deeply resonant voice. Faded by 1045. First time heard this year, should improve as we approach winter. (Rob Wagner, VK3BVW-Australia/EDXP)

6024.94, *R. Patria Nueva*, La Paz. On Mar 8, 2330-0002, 33333, nx & ads. ID "Bolivia al día por radio Patria Nueva" px: "Bolivia al día, commenting about the weather conditions in the zone and also about Int'l Women's Day. Pgm in SP and Quechua. (Pedro F. Arrunátegui-Perú/Chasqui DX via DXplorer)

BRAZIL 4905 Reactivated, *Noradio Relogio*, Rio de Janeiro reported after February 20 in Brasil 0000-0300 programs Igreja Internacional da Graça de Deus. Belong now to group Nossa Radio of Pastor RR Soares. Email contact: nossaradiorio@gmail.com. Postal address: Nosa Radio / Nova Relogio, Estrada dos Brandeirantes 1000, Taquara, Rio de Janeiro, RJ. CEP-20040-009. (PlayDX) Off since June 2008 when the schedule was 0730-0300. (Ed/DX Window)

9819.21, *R Nove de Julho*, São Paulo, SP, 0355, Mar 02, congregation singing, male pastor in Portuguese, 35333. (Graham Bell-South Africa/DX Window) Also heard at 0703-0710, Mar 01, ID, usual program of pray in Portuguese, "Ave Maria" of J.S. Bach - C. Gounod. 35333. (Tomoaki Wagai-Japan/DX Window)

15325, *R Gazeta*, São Paulo, SP, 1800, Feb 11, reactivated with religious programmes in Portuguese. (Samuel Cássio-Brazil/DX Window) R Gazeta has not been reported heard on 15325 since Nov 2009. (Ed)

BULGARIA 9700 *Balgarsko Natsionalno Radio* (BNR1 - presumed) with program for Turkish Minorities in presumed Turkish from 0600 tune on 3/24 via Perseus site in Brisbane AU. SINPO 25333 with S-meter showing S-4 (scale 9), noisy channel and moderate fading - no QRM. Gradual decline in signal lvl. WRTH does not show this but is listed on EIBI from 0400-0700. WRTH lists Turkish Minorities pgm from 0600-0700 on MW but doesn't mention SW. This channel is nominally 50 KW so this is decent DX - 12,226 KM from Brisbane. Time pips at 0600, then man/woman ancrs until 0627, into Turkish vocal/instrumental music to 0642, man ancr w/ short mx segment to 0645 tune out. (Bruce Churchill-CA/DXplorer) Requested since Oct 28 for TRT Emirler site in Turkey, not private Spaceline company in Kostinbrod: 9700 0500-0700 daily, 281012-310313 Turkish. (Wolfgang Bueschel-Germany, df5sx/DXplorer) Txn for correction - makes more sense that 500 KW would make it to Brisbane than 50 KW, but still not a good signal for all that pwr, Hi! (Bruce Churchill-CA/DXplorer)

CHINA 3990, *Xinjiang PBS*, Urumqi, *2310-2315; Mar 12, Uighur ann, Chinese song, talk, 55444 // 4980 (from *2313 with 45333), 6120 (44434) and 7205 (32332). (Petersen/DX Window) Also heard at 1747-1749, Mar 10, Uighur talks, 35333 (Mille/DX Window)

5050, *Beibu Bay R*, Nanning, 1056-1101, Mar 08, popular song, time signal, ID in English, interference of regular pulses (about 0.993 seconds, a radar beacon(?)), 33333. (Wagai/DX Window)

5050, *Voice of Pujiang* 9.705 F/D letter in 426 days for \$1.00 and local postcard. The station is now part of China Business News Radio, apparently no longer broadcasts on 9.705 (3.280, 4.950, and 5.075 are the present frequencies), and transmits from

Zhenru Town in Shanghai. I also received a very nice separate letter from the v/s, which illustrates why reception reports that we send out sometimes do or do not get answered, and reads as follows: "Dear Sir, New Year's greetings from the Voice of Pujiang, Shanghai, P.R. China. I must say sorry for the late reply of your valuable reception report. I joined the station a half year ago. I was a SWLer and DXer in my senior high school days. A few weeks ago, I found several letters that accumulated at my colleague's desk, who didn't know how to reply. There are reception reports with which I am very much familiar. So, I am very happy take over the job to serve my fellow SWLers and DXers. We welcome your further reports. For Email reception reports, send to this Email address: victor.pujiang@gmail.com. I will confirm it with a QSL letter by email with full data. For reception reports sent by regular mail with an IRC or a dollar, I will confirm it with a full data QSL-letter by a regular mail. Our address is: Voice of Pujiang, Floor 11, Radio Building, No. 1376 Hongqiao Road, Changning District, Shanghai 200051, P.R. CHINA. Sincerely yours, Qian Xiaoyan" (Ross Comeau-MA/DXplorer)

CLANDESTINE Frequency change of *Denge Kurdistan* in Kurdish from Feb.14; Two different transmitters are on the air and I am convinced of this:

0400-1600 on 11510 KCH poor to fair signal in Sofia
1600-2000 on 11510 secret/hidden site powerful signal in Sofia 55555+
(DX MIX News, Georgi Bancov & Ivo Ivanov-BUL, via Dan Ferguson-SC)

Radio Free Sarawak:

1100-1300 on 11600 TRM Iban effective from Febr 10 (Ivo Ivanov-BUL, via wwdxc BC-DX TopNews)

4861v, *Voice of Iranian Kurdistan*, via Salah Al-Din, Iraq, *0226-0430 * and around *1230-1427*(-1433*) varying to 4876 // 3960v, but usually 2-5 minutes later. (Rumen Pankov-Bulgaria/DX Window)

Radio EYSC - Eritrean Youth Solidarity for Change in Tigrigna: 1730-1800 on 11810 WER Tue/Fri eff Jan 29 (DX MIX News, Georgi Bancov & Ivo Ivanov-BUL, via Dan Ferguson-SC) 11810, Radio EYC according to anmt or Radio EYS according to MBR sked: 1730-1800 Tu/Fr in Amharic to E. Afr. (Ivanov/DX Window)

Radio Free Sarawak Could Threaten Malaysia's Ruling Barisan Nasional: At 7 p.m. on the Malaysian side of Kalimantan island, Luang Entiyang turns the dial on a transistor radio in search of an anti-government talk show as about a dozen villagers sit cross-legged on the floor waiting to listen. Similar meetings occur daily across the jungles of Sarawak, Malaysia's biggest state and one that has underpinned the ruling Barisan Nasional alliance's 55-year hold on national power. The two-hour broadcast by Britain-based Radio Free Sarawak, in which villagers call in to tell stories of land-grabs by palm oil companies, aided by local officials, has helped to pry loose Entiyang and other lifelong BN backers since it began in 2010. Radio Free Sarawak's broadcasts are making that more difficult. Clare Newcastle Brown, the sister-in-law of former British Prime Minister Gordon Brown, founded the station in 2010 to provide remote villages with an alternative to state-run media. Funded by donors in Europe whom Brown declines to identify, RFS uses shortwave transmissions through London-based WRN Broadcast, whose clients include MTV and Nickelodeon. (Jakarta Globe/Bob Wilkner-FL)

ECUADOR 6050.00, **HCJB**, Pichincha, Quito, 0430-0505*, Feb 11, Papa Dios program with religious music, ID "Agradecemos a todos nuestros amigos y estaciones que están afiliada a nuestra cadena HCJB", music, "HCJB toca toda la música que te quieres escuchar"... s/off ann: "HCJB toca la música que quieres escuchar para darte gozo y alegría, escuchanos en 89.3 Pichincha, 92.5 Manabí, 98.3 Esmeraldas, 96.1 Tungurahua y Cotopaxi, 690 AM y 6050 Onda Corta", music, time ann: "El mayor placer para todos los que hacemos HCJB la Voz de Los Andes, ha sido servirles, seguros que educar, informar en esta vez son nuestra meta primordial", pasillo music, "lo invitamos a sintonizarnos a partir de las 3 horas y 30 minutos cuando transmitiremos programación Quechua, hasta tanto que Dios lo bendiga y cuide, felicidades amigo, luego tocan el himno nacional del Ecuador", 44444. (Pedro F. Arrunátegui, Chasqui DX, Lima, Peru/DX Window)

ENGLAND Since 1943 the HF station at Woofferton has had the capability to transmit from 6 to 22 MHz. In 2007 a new array was built with 26 MHz capability but no programmes have been aired on 26 Megs so far. (Lack of propagation!). However from 0500 on 1 February the site will be on 4 MHz for the first time running DRM digital radio on 3955 kHz at 100 kW. A new 4 MHz array, A935 has just been erected replacing a 21 MHz array. Slowly

the rest of the 4 MHz (AM) transmissions from the Skelton A site will be transferred to Woofferton. (Dave Porter/BDXC-UK) BBCWS DRM transmissions on 3955 transferred from Skelton to Woofferton as of 8 February. The evening relay of Radio Taiwan International and KBS World Radio has also now transferred from Skelton to Woofferton. (Martin Goulding, Transmitter Engineer, Babcock International Group PLC, Woofferton via BCDX)

The World Service English global schedule will be simplified with fewer regional variations from Sunday 31 March 2013 and shortwave Arabic broadcasts will cease: The reductions to shortwave services were announced in October 2012 as part of the UK government's 2010 spending review. Shortwave and medium wave transmissions in English will be reduced to a minimum of 6 hours in total each day. This will generally be two periods of between 2 and 4 hours each, usually at peak listening times in the morning and evening to help minimise disruption. BBC Arabic audiences are estimated to reduce by 800,000 as a result of the closure of shortwave broadcasts. Shortwave services to Sudan are not affected as the shortwave service is currently the most viable method of broadcasting to this large region. (BBC Website)

ERITREA 4700.010, Mar 10 at *0356, **Voice of Broad Masses**. HOA sounding station noted here weak on March 9. On March 10 I found a // frequency, 5670 with strong signal and also found a good ID. Both Henrik and Jarmo has confirmed this one. Thanks a lot all of you for helping out finding the solution. (Thomas Nilsson-Sweden/SWBulletin)

FRENCH GUIANA According to the French language newspaper France-Guyane, the TDF transmitter site in Montsinéry, French Guyana, will shut down in early April. Citing a lack of listeners, newer communications mediums and the fact that much of the developing world is now politically "stable," delegate René Iafrate explained that it no longer makes sense to keep the site open. The six employees who currently work at Montsinéry will be trained and given jobs in broadcast fields more promising. The site itself will be dismantled within six to nine months. This news was announced in mid-February, but it appears the closure is still on-track. Montsinéry relays a number of international broadcasters, so it'll be interesting to see where they go for shortwave service to the target areas Montsinéry once covered. (Thomas Witherspoon/SWLFEST Yahoo Group) Tuning around tonight (Mar

24), I heard R. Japan announce that it is ending sw to NA as of Mar 31. This obviously has something to do with the impending shutdown of Montsinery. (John Figliozzi-FL/NASWA Yahoo Group)

GERMANY *Mighty KBC Radio*:

0000-0200 on 7375 NAU English Sun, from March 3

(DX MIX News, Georgi Bancov & Ivo Ivanov-BUL, via Dan Ferguson-SC)

13820, *R 700*, Kall-Krekel (1 kW), 1320-1358*, 01.03, test with German ann, pop music in German, English and French, like "Pretty Woman", "Island in the Sun with Harry Belafonte, 1336, 1350 and 1355 IDs: "Radio Sieben Hundert". 45344. (Anker Petersen-Denmark/PlayDX)

INDIA *Prasar Bharati* (Broadcasting Corporation of India) was established in 1927 and is the only public broadcaster through *All India Radio* (AIR). The average daily listenership is above 460 million! AIR today has 326 broadcast centres and 490 transmitters (143 MW, 48 SW and 299 FM). In addition 216 new FM transmitters are to be installed. AIR is heading for full digitalization in the future. Two SW transmitters already broadcast Digital Radio Mondiale (DRM) and 8 more are under construction. 99.19% of the population is covered by the AIR with 360 news bulletins daily in many languages. The External Services broadcast in 11 Indian and 16 foreign languages. (Jose Jacob-India/DX Window)

INDONESIA 4789.97, *RRI Fak Fak*, 1120-1200*, Mar 11, popular song, ID in Bahasa Indonesia, sign off at 1200, there was QRM of Radio-teletype from 1130 for a short time, 33333. (Wagai/DX Window) Also heard at 1451-1459*, Mar 10, ID, one English oldie, closing by woman with "Love Ambon" and "Sekali Di Udara Tetap Di Udara", 34232. (Ashar/DX Window)

4869.919, odd frequency. Tentatively *RRI Wamena*, Propinsi Papua, on threshold level at 1210 on March 1. (wb df5sx, wwdxc BC-DX TopNews)

6125, *RRI Nabire* (tent.), 0905-0922*, Mar 14, Koran recitation, ann in Bahasa Indonesian, then local vocal by woman. Suddenly off at 0922. Weak signal. No ID. (Wakisaka/DX Window)

9525.991, *VoIndonesia* Jakarta Cimanggis with English news at 1920 to 1925 March 4, S=9+20dB into

Europe. Clean audio! (wb, wwdxc BC-DX TopNews) 9525.907, 1425-, Voice of Indonesia Mar 11. Excellent reception this morning of their Indonesian program. Best I've heard them on this visit. (Walt Salmaniw-Canada/DXplorer)

IRAN Tentative A-13 English for *The Voice of Islamic Republic of Iran* (VOIROI/IRIB)

0330-0427 13650sir 15470kam "Voice of Justice"
1030-1127 21505kam 21640kam
1530-1627 13780sir 15515kam
1930-2027 9400kam 9715kam 11750sir 11885sir
(IRIB via wwdxc BC-DX TopNews March 18)

Saut Falestin "Voice of Islamic Palestinian Revolution" in Arabic:

0330-0427 9610kam 11875sir (IRIB via wwdxc BC-DX TopNews March 18)

ITALY *Italcable* has been heard regularly recently on 15000. (Alan Dean/BDXC-UK)

KOREA (NORTH) Some of the Kujang transmitters are having a crosstalk problem. On 7570/12015 a second audio signal and a jamming signal are heard in the background. The same problem seems to affect two other transmitters, which have the audio of the first two in the background and whose audio is the background audio of the first two. The jamming signal is synchronous with the 6349/6360/6480 group of jammers. These seven transmitters thus must have something in common, like a shared transmitter hall or antenna field. (Olle Alm-SWE, 4 March; via wwdxc BC-DX TopNews)

Fixed frequency jammers. From mid December I have noted three fixed frequency jammers on 6060, 6360 and 6480. During mid winter propagation they could be heard in continuous operation from before 0800 until past 2300. During this time they did jam something only for a few odd hours, the rest being wasted output. Instead MND transmitters on 5150 and 6550 were free of high power jamming. (Olle Alm-SWE, 4 March; via wwdxc BC-DX TopNews)

VoK English service at 1000 has all four three frequencies back in operation: 6170, 6185, 9335 and 9850. The best reception here was on 9335 where the station was rocketing in 20+ over S9. No interruptions to the service were noted throughout the transmission. (Rob Wagner-Australia/EDXP)

Several of North Korea's external radio services and its powerful jamming operation that blocks foreign broadcasts are having trouble staying on the air. **Voice of Korea**, the country's international radio outlet, was missing from several of its scheduled broadcasts on Thursday, according to monitoring from sites in South Korea, Japan and the U.S. Two days earlier its English-language broadcast to North America, scheduled from 1500-1554 GMT (1000-1054 Eastern Time) abruptly cut off around 20 minutes into the broadcast and didn't return. On Thursday the French program left the air five minutes early while in the middle of a song. All these events are highly unusual for the station, which is charged with spreading North Korean news and propaganda to a global audience. The country's jamming of overseas broadcasts, which involves the broadcast of noise over the top of a radio station to make it unintelligible to listeners in North Korea, has also been sporadic. Early Thursday it could not be detected on any of the frequencies used by radio stations "**Voice of the People**" and "**Echo of Hope**." Both stations, which are believed to be operated by South Korea's intelligence service, are usually heavily jammed. It was also missing from broadcasts of **MND Radio**, a recently activated station operated by South Korea's Ministry of Defense. The country's domestic services appear to be unaffected at present, according to monitoring reports. It's impossible to know the source of the problem and the radio station is unlikely to make an announcement or apology to listeners, but all signs point to electricity shortages. A typical shortwave transmitter requires between 100-500 kilowatts of energy, which is equivalent to hundreds of electric kettles or heaters being used simultaneously. Several such transmitters are on air for jamming alone. Earlier in February, Reuters reported that Pyongyang is facing its "worst electricity shortages in years," quoting a foreign diplomat based in the city. (North Korea Tech via Bob Wilkner-FL) About a year old but still interesting - RAD

15180, 0426-, **Voice of Korea** Mar 9 Also exceptionally strong transmission with typical Stalinist-style marshal music. Interesting, but an echo is heard, about a second or so afterwards. Wonder what the cause of that could be? Parallel 13760 also very strong. Sounds like there's someone co-channel weakly as well, or is it another program bleeding into the English audio? (Walt Salmaniw-Canada/DXplorer)

KOREA (SOUTH) KBS World Radio A-13 English Schedule

1600-1700 9515 / 9640
1800-1900 7275
2200-2300 11810
0200-0300 9580 / 9690
0800-0900 9570
1100-1130 9760/DRM-Woofferton
1230-1330 6095
1300-1400 9570 / 15575
1400-1500 9640

(Re-typed into text by Alan Roe-UK, from Kevin O'Donovan spreadsheet/Glenn Hauser DXLD)

KYRGYZSTAN 5130, ShortWave Relay Service, Bishkek (presumed), 1750, Mar 08, reactivated, religious music, low modulated carrier, 22222. (Giroletti/DX Window) Schedule in WRTH 2013: 1500-1800 in Farsi. (Ed/DX Window)

LAOS 6130, R Nationale Lao, Vientiane. Thanks to Rajeesh, I learned, that Laos had issued a new, beautiful QSL-card before I visited Malaysia in November last year. The station is not propagating well to Denmark, so I listened to their English broadcast from my hotel in Kuala Lumpur and sent a reception report after my return back home. After 83 days arrived the QSL-card signed by Sipa Nonglath, Director General. The QSL described their current frequencies and their web site which has live broadcasts in Lao from one of their FM-channels, but unfortunately not from 6130 with international languages. (Anker Petersen, Skovlunde, Denmark/DX Window)

LIBYA New schedule of **Radio Libya** from March 18:

1500-2100 on 11600 UNID tx site.
(DX Mix News, Georgi Bancov/Ivo Ivanov-BUL via Dan Ferguson-SC)

MALAYSIA 7295, RTVMalaysia - Kajang. This is usually a tough one for me to hear due to the two powerful and rather noisy China outlets on 7290. However, I dug it out of the mush at 1115. This is the Traxx FM Service in English with pop songs and announcements. At 1129 there was a time check as "29 minutes past 7". Malaysian and world news at 1200. Pleased to log this one. (Rob Wagner-Australia/EDXP) 7295, **Traxx FM**, f/data Letter and Sticker, sent 1 \$, reply after F/up, total 510 days. (Gigi Naj-Italy/PlayDX)

MALI 5995, RTVMali - Bamako. Monitored this frequency this afternoon from 0630 looking for some long path action and heard nothing. Then

at 0705, literally out of nothing the signal suddenly came up within a minute and stayed there. Quite weak but pleasing to hear this one via the LP and is the first time for ages that I have noted it at this time. Appeared to be some type of long news program or detailed news report in French. Modern Afro fusion music noted at 0731, then a more traditional song at 0735. Gradually faded away and gone by 0740. Also monitored 6165 looking for Chad during the same period but no luck there. (Rob Wagner-Australia/EDXP)

MEXICO 6010, *R Mil*, Cd. de México, back on the air Mar 07 after one year Off, 0056, Mar 07, and 0703-0737, Mar 08, 10, 12 and 18, "La Bamba" music mixes, 0709 ID amid heavy QRM from La Voz de tu Conciencia. Music show with IDs between songs, "vivalos en Mil, 24 horas, 365 días del año", 0733 ranchera song with guitar. Recheck at 1227-1307, "Viva México" song and no QRM from China audible, and just far enough from the North Korean noise jammers on 6003 and 6015. (Green and Hauser/DX Window) Also heard at 1000, Mar 16, music, good signal 6k filter on R7. Tried for // on 1000 MW, but never was certain. (Wilkner/DX Window)

MONGOLIA Some changes for *Voice of Mongolia* effective from March 1:

0900-0930 on 12085 English, ex 1030-1100
1030-1100 on 12085 Japanese, ex 0900-0930
(DX Mix, Georgi Bancov/Ivo Ivanov-BUL via Dan Ferguson-SC)

MOROCCO (SPANISH) 9579.152, 0446-, *Medi 1* Mar 9. Good reception with Arabic vocal music. In the clear, with good modulation. (Walt Salmaniw-Canada/DXplorer)

NEW ZEALAND RNZI has posted its A13 (effective March 31) schedule:

0459-0758 11725 11675
0759-1058 9700 9890 DRM
1059-1200 9655
1059-1200 9890 DRM
1200-1258 9655
1300-1550 6170
1551-1650 6170 7440 DRM
1651-1750 9700 7440 DRM
1751-1850 9700 9890 DRM
1851-2150 11725 15720 DRM
2151-0458 15720 17675 DRM
(Dan Ferguson-NC)

NIGERIA Winter B-12 SW schedule of *Voice of Nigeria*:

0500-0700 on 15120 IKO English
0700-0800 on 15120 IKO French
0800-0900 on 15120 IKO English
0800-0900 on 9690 AJA Hausa
0900-1500 on 9690 AJA English
1500-1600 on 15120 IKO English
1600-1630 on 9690 AJA Swahili
1630-1700 on 9690 AJA Yoruba
1700-1730 on 9690 AJA Igbo
1730-1800 on 15120 IKO Arabic Sat/Sun
1730-1830 on 15120 IKO Arabic Mon-Fri
1830-2000 on 15120 AJA English Mon-Fri DRM mode
1800-2000 on 7255 AJA English Sat/Sun
2000-2100 on 7255 AJA French
2100-2200 on 7255 AJA Fulfulde
2200-2300 on 7255 AJA Hausa
(DX MIX News, Georgi Bancov & Ivo Ivanov-BUL, via Dan Ferguson-SC)

PAKISTAN New additional hour for evening transmission of *Radio Pakistan*:

1600-1700 9560 Urdu. First noted on March 16
1600-1700 11570 Urdu. First noted on March 16
1700-1900 9560 Urdu, no En news 1700-1710!
1700-1900 11570 Urdu, no En news 1700-1710!
(Ivo Ivanov-BUL, via wwdxc BC-DX TopNews March 16)

PAPUA NEW GUINEA 3204.967, *NBC Sandaun*, West Sepik, footprint, 1145 S=6 poor lousy signal, low modulation, islands pop song, March 1. (wb df5sx, wwdxc TopNews) Off since Nov 2012. (Ed/DXWindow)

3259.995, *NBC Madang*, S=8-9 signal, stronger than NBC Sandaun, nice South Sea like island song at 1150 March 1st. (wb df5sx, wwdxc TopNews)

3345.03, Mar 4 at 1140, *NBC Northern, the Voice of Oro*, heard again from 1140 to 1224 (March 4) with relay of "NBC National Radio, the Voice of Papua New Guinea" audio feed; frequent IDs as such and no local IDs heard; series of advertisements (BSP - Bank of South Pacific) and Public Service Announcements; 1204: "From 1973 to 2013, NBC National Radio marks forty years of service to the people of Papua New Guinea - 90.7 FM" followed by bird call and news; then program of pop hit songs in English (Tina Turner with "It Takes Two", etc.); this was the strongest station of all the NBC stations today. Happened to note NBC Madang on

3260 was also carrying the NBC National Radio audio feed and in // before suddenly going off the air (as usual) at 1211 (Ron Howard-CA/SWBulletin) 3345.03, Mar 7 at 1744*, NBC R Northern very strong with a sudden sign off at 1744. // 3365 but weaker here. Also noted very strong on March 4 at 1900. On March 9 heard again // 3365. The transmitter was switched off at 1754 while 3365 continued. (Thomas Nilsson-Sweden/SWBulletin)

3364.985, **NBC Milne Bay** Alotau, The Voice of Kula. Island song announcement. Alotau was the strongest signal received in Australia at 1158 March 1st in 90 mb, S=9+5dB signal strength. (wb df5sx, wwdxc TopNews)

3905, Mar 17 at 1213, **NBC New Ireland**, 1213-1303, March 17 Strongest NBC station heard; DJ in Tok Pisin with phone calls and pop songs; many time checks (off by 2-3 minutes!); 1231 PSAs ("HIV testing", etc.); IDs; "Sunday night, NBC New Ireland". Seemed appropriate to listen to this on St. Patrick's Day! Was named "New Ireland" while under Australian control. Formerly was New Mecklenburg during colonization by Germans. (Ron Howard-CA/SWBulletin)

PERU 4747.05, R. Huanta 2000, Huarí, On Mar 18, 2310-23-45 44444+ pgm: "Una Salud de Esperanza por la Reyna del Curanderismo, al costado de la RENIE, frente a caja Jr. San Martín 443". Advs: "JUNTOS ayuda a los padres en su educación de sus hijos, mensualmente te alcanzara 300 mensuales si tu hijo está en tercio superior, Gobierno Regional de Ayacucho". ID: "Por RadioHuanta 2000". (Pedro F. Arrunátegui-Perú/Chasqui DX via DXplorer)

4826.60, **R. Sicuani**, Sicuani. On Mar 6, 1112-1146, 44444, advs: "La Universidad Andina le ofrece las carreras...", Instituto Superior Vilcanota le da oportunidad de continuar sus estudios", "librería El Educando", "El Ministerio de Educación en Sicuani le informa...". ID: "6 y 30 de la mañana, la hora exacta en los estudios de Radio Sicuani". Local nx. (Pedro F. Arrunátegui-Perú/Chasqui DX via DXplorer)

4880.00, **R. JPJ**, Lima, is currently inactive on SW. On Mar 2 at 0045 I contacted Dr. Jesús Parraga (JPJ) and he told me that he was y me informo que suffered a hoax with the antenna and later the feeder cables were stolen. He only retained the 4880 antenna (see the photo he sent to me with the aerial on Cerro Tinaja). The stn will be resum-

ing soon. (Pedro F. Arrunátegui-Perú/Chasqui DX via DXplorer)

4974.95, **Pacifico Radio**, 0020-0050. There's no signal from this stn, they are apparently testing, for it doesn't match with what David Nieves said. (See 9674.80kHz) As of March 15, 2300-2347 there's no signal. Neither was it on Mar 18, 2305-0010. I phoned Mr. David Nieves, informing him about the days I haven't been able to hrd them. He holds on and verifies with personnel apart, to immediately tell me that they went on the air yesterday, but they have problems with the power amplifier and are b/csting alternately (0010). On Mar 20, recheck 0918-0930 without positive results. (Pedro F. Arrunátegui-Perú/Chasqui DX via DXplorer)

5024.8 PERU. **R. Quillabamba** - Quillabamba, Cusco. Hetting with the much stronger Cuba at 1057. First time heard this season and nice to be able to catch this. Music and short anncs under the long talks offered by Rebelde. (Rob Wagner, VK3BVW-Australia/EDXP)

5980, **R. Chaski**, Urubamba. Rcvd nice QSL ltr from Bruce Maddux, Administrator and Broadcast Engineer for a Jan 28 reception from 2230 to 2259 via Perseus site in the UK. The letter had other interesting info and is quoted below: "Good evening to you as well, Bruce, It was with much pleasure that I read your email almost four weeks ago now. I do apologize for the tardiness of my response. You should not in any way think that my tardiness reflects a lack of interest in your writing. My family and I were headed to Peru's capital, Lima, for two weeks on February 1. Part of the time I was there, I was outside of the city proper and I didn't have access to the Internet. We returned to Cusco on Friday, February 15. There was a lot to do before we left and there's been a lot to catch up on since we returned, but life is much more settled here in Cusco. I was thrilled to get your email, along with those from other shortwave enthusiasts. It's really exciting to hear that Radio Chaski is getting out so well. Of course, the primary target is Peru, but it's great to hear from other places, too! We began transmissions in November of last year. The station was originally on the air in the mid-1990s with a tube-based transmitter and had not been on the air for many years, but with a new solid-state rig, we began transmissions once again. Most of the programming is in Spanish, but we do have live programming in Quechua from 5:00 AM to 10:00 AM Urubamba time (0900 to 1400 UTC), with the

"voice" of Radio Chaski — Pastor Valentin Quispe, who is a native speaker of Quechua and Spanish. The studios are in Urubamba and the transmitter site is on Cerro Sacro about a 25-minute drive up from Urubamba. Thanks for the MP3 recording and the other links. I do believe you received Radio Chaski. The program that was on the air from 2230 to 2300 UTC is known as "Insight for Living" in English and "Visión Para Vivir" in Spanish. I was able to identify the program by the theme music near the end of your MP3 recording. If you would have been able to listen for another 30 seconds or so, you should have been able to hear the Radio Chaski ID. I also appreciate getting the information on where you live. It's amazing to me that you are able to listen from a receiver in the UK when you live in CA. Were you using some type of a subscription service/login with this ham operator? Again I do apologize for the slow response to your email. I really wasn't ready for the sudden influx of responses from DXers. They started coming the week before I left for Lima. The radio ministry is going through some "growing pains," but God surely has been good to us, as He has provided a new tower, a new antenna, new transmitters (an FM, too) and new studios! Thanks for tuning in Radio Chaski and I hope that you can tune us in again! Regards, Bruce Maddux, Administrator and broadcast engineer for Radio Chaski, Cusco, Peru" (Bruce Churchill-CA/DXplorer)

PHILIPPINES 15190, 1804-, *Radio Pilipinas*. Mar 10 Radio Pilipinas in English at very good level. Hets noted from 15190.130, and also 15191.175, and 15189.893. (Walt Salmaniw-Canada/DXplorer)

RUSSIA B-12 schedule of *Tatarstan Wave* with new transmitter sites, Samara:

0410-0500 on 11895 NVS Tatar/Russian
0610-0700 on 9410 NVS Tatar/Russian
0810-0900 on 11610 ARM Tatar/Russian
(DX Mix News, Georgi Bancov/Ivo Ivanov-BUL via Dan Ferguson-SC)

RWANDA 6055, 0328-, *Radio Rwanda* Mar 10. Almost positive that this is Radio Rwanda. Drums just before 0332. Seems mostly Vernacular. Surprisingly good reception. Mentions of Rwanda several times at 0334. Likely the best I've ever heard Radio Rwanda at this time of the night! 6055, 0316-, Radio Rwanda Mar 11. Once again, very nice reception with entertaining vocal music. (Walt Salmaniw-Canada/DXplorer)

SECRETLAND Final winter B-12 schedule of Secretbrod site A with 50 KW from March 1:

1400-1430 on 12095 Russian *Polish Radio*
1400-1700 on 9700 English *Brother Stair*
1430-1500 on 12095 Belorussian *Polish Radio*
1600-1700 on 11620 Arabic Mo-Fr *Radio Shoroug*
1630-1730 on 6000 Polish *Polish Radio*
1700-1730 on 11560 Oromo *Dimtse Radio Erena*
1730-1830 on 6000 Belorussian *Polish Radio*
1800-2100 on 11650 English *Brother Stair*
1800-2100 on 11685 English *Brother Stair*
1830-1900 on 6000 Russian *Polish Radio*
2000-2300 on 7400 English *Brother Stair*

Unconfirmed transmissions, but with great probability via Secretbrod site B

0300-0600 on 9940 English/Arabic *Radio Miraya*
1600-2000 on 11510 Kurdish *Denge Kurdistan*
1600-1630 on 17870 Somali Mon/Fri *Radio Xoriyo*
1700-1800 on 15245 Tigrinya Mo/We/Fr *VoAsenna*
1700-1800 on 15355-15390 Amharic *E SAT Radio*
(DX Mix News, Georgi Bancov/Ivo Ivanov-BUL via Dan Ferguson-SC) Not (yet) on NASWA Radio Country List, hi! - RAD

SOLOMON ISLANDS 5019.880, *SIBC Solomon Isls BC* Honiara with station ID at 1200, powerful S=9+20dB signal in Australia. "Good Night" everyone, final announcement of the day/night. And played hymn as trombone choir music, choral group. And TX OFF switch exact at 12.01:25. March 1. (wb df5sx, wwdxc BC-DX TopNews)

SOUTH AFRICA B-12 SW schedule of *Channel Africa* Mon-Fri:

0300-0355 on 3345 English
0300-0355 on 6155 English
0400-0700 on 7230 English
0600-0655 on 15255 English
0700-1200 on 9625 English
1200-1300 on 9625 Nyanja
1300-1400 on 9625 Lozi
1400-1500 on 9625 Portuguese
1500-1600 on 9625 English
1500-1555 on 17770 Swahili
1600-1655 on 15235 French
1700-1755 on 15235 English
(DX Mix News, Georgi Bancov/Ivo Ivanov-BUL via Dan Ferguson-SC)

SRI LANKA The final decision on Ekala closure hasn't been taken as of today, as the rains have delayed the connection of the national power grid electricity lines to the station. I am planning a special QSL card for a final broadcast week and a special good bye Ekala broadcast. Sri Lanka Broadcasting Corporation (SLBC) QSLs are still available for you. Just some statistics of interest maybe. We have issued nearly 100 hard copy cards and 148 E-QSLs in the last 10 months. These are hard copy cards I have personally mailed. I have made arrangements for them to dig up as many unanswered reports as possible so that I could go there on a day and check them and write out the QSLs and ask them to mail them out. My e-mail address is: victorg4s7vk@yahoo.com . (Goonetilleke Mar 04)

The **SLBC** has announced that they plan to close their historic shortwave station located at Ekala, a dozen miles north of Colombo in Sri Lanka. In view of the close association of Adventist World Radio with SLBC and their Ekala SW station over a long period of time beginning back in 1951, we are planning to honor the occasion with a special edition of the AWR DX program Wavescan, under the title "Tribute to Ekala". We plan to broadcast this special edition of Wavescan under the old title from around 40 years ago, "Radio Monitors International". At this stage, the closure date for SLBC Ekala is not yet finally confirmed, though it is our intent to place this special program on the air in the regular scheduling of Wavescan to coincide with their last week on the air. SLBC plans to transfer their SW planning to the ex-Deutsche Welle station located near Trincomalee on the east coast of the island.

A special one time only QSL card will be prepared, based on the early QSL cards issued in Poona India for the broadcasts from AWR-Asia and Radio Monitors International. All reception reports for this one particular edition of Wavescan-Radio Monitors International will be verified with this special card, and the reception reports can be for any of the broadcasts of this program over any station that carries the program. Postal mail reception reports are preferred, with return postage, though in some cases email reports will be verified. The only address for this special QSL card "Tribute to Ekala", is: Adventist World Radio, Box 29235, Indianapolis, Indiana 46229, USA.

Wavescan Scheduling: A13 Transmission Period Mar 31-Oct 26, 2013:

Sunday

1030 **WRMI** 9955 R Miami Int
1530 **AWR** 15335 Media Broadcast Nauen, Germany
1600 **KSDA** 15360 AWR Guam
1600 **KSDA** 15670 AWR Guam
2230 **KSDA** 15320 AWR Guam
2330 **KSDA** 17650 AWR Guam

Monday

1100 **WRMI** 9955 R Miami Int

Wednesday

1100 **WRMI** 9955 R Miami Int
2000 **WINB** 13570 World International

Thursday

0300 **WRMI** 9955 R Miami Int

Friday

0315 **WRMI** 9955 R Miami Int Miami

Saturday

1100 **WRMI** 9955 R. Miami Int Miami
1300 **WRMI** 9955 R Miami Int
1530 **WWCR2** 12160 WWCR
2230 **WRMI** 9955 R Miami Int.
(Adrian Peterson-IN)

SWAZILAND 9939.989, TWR Manzini Swaziland in French talk by lady about Esperance. S=9+15dB signal into Europe. Nice girl song at 1941 on March 4. (wb, wwdxc BC-DX TopNews)

TAIWAN 7445, **RTI** - Paochung. English service to SE Asia at 1150. Difficult listening due to China on both sides of this frequency. S/off 1200 after full ID and frequency info. (Rob Wagner-Australia/EDXP)

9424.928, English sce of **Radio Taiwan International** via Tainan site, S=9+10dB strength at 1145 Feb 16. (wb, wwdxc BC-DX TopNews)

9745, **Voice of Guang Hua**, f/d QSL-Cards, depliant, paper - cut. Address : P. O. Box 1700 Taipei City 10099 - WEB : www.khmusic.com.tw reply in 30 days. (Gigi Naj-Italy/PlayDX)

9773.973, **Fu Hsing BC** Kuanyin on Taiwan, in Mandarin, poor and tiny at S=5 strength in AOR Tokyo remote unit, at 0515. Nothing on other Fu Hsing channels like 9410 or 15375 heard so far. (wb, wwdxc BC-DX TopNews) 9773.98, **Fu Hsing BS**, Kuanyin, 0845-0852, Feb 20, popular song, theme song and ID in Chinese at 0849, strong signal of

CNR (China) on 9775 started at *0852. Then a new sound (around 1020Hz) was produced by two waves of different frequencies, 35333. (Tomoaki Wagai, Wakayama, Japan/DX Window)

U.S.A. VOA Radiogram, all frequencies are registered from March 16/17 from Greenville with 80 kW:

0230-0300 on 5745
1300-1330 on 6095
1600-1630 on 15670
1600-1630 on 17860

(Ivo Ivanov-BUL, via wwdxc BC-DX TopNews March 1) When it actually hits the air, then I'll believe the start date. BTW, whenever it starts, this is to be digital data in normal amplitude modulation. And I suspect the "80 kw" is some sort of equivalent power on a 250 kw AM transmitter. (Dan Ferguson-SC)

New B-12 schedule of **KJES** from March 10:

0100-0200 on 7555 English
0200-0230 on 7555 English
1300-1400 on 11715 English
1400-1500 on 11715 English
1500-1600 on 11715 Spanish
1800-1900 on 15385 English
1900-2000 on 15385 Spanish
(DX Mix News, Georgi Bancov/Ivo Ivanov-BUL, via Dan Ferguson-SC)

VANUATU 3945.002, **VBT** Port Vila [Emten Lagoon], Radio Vanuatu, much fluttery like signal at 1220 on March 1. Island music, woman smooth melody chorus, S=9+5dB signal today. (wb df5sx, wwdxc BC-DX TopNews) 3945, R Vanuatu, Emten Lagoon, 1051-1122*, finally heard Mar 03, DJ playing pop hit songs in English, 1119 distinctive sound of a conch shell horn followed by assume sign off ann with no National Anthem; weak at best, but still pleased to hear any audio at all. (Howard/DX Window)


YEMEN 6135, *Rep. of Yemen R*, San'a: Heard Feb 15-27, *0500-0800* and *1300 or earlier till 1500*, Arabic, the latter // 9780, which was covered by Spain in DRM 0500-0900! (Rumen Pankov, Sofia, Bulgaria/DX Window)

VIETNAM V of Vietnam 30 minute program A-13 from April 1st 2013

1700 9625 (via Austria)
1800 7280 9730
1900 7280 9730

2030 7280 9730
2030 7220 9550
2330 9840 12020
0100 12005 (via Woofferton)
0230 12005 (via Woofferton)
0330 6175 (via WHRI)
1030 9840 12020
1000 9840 12020
1100 7285
1130 9840 12020
1230 9840 12020
1330 9840 12020
1500 9840 12020 1242 7285
1600 7280 9730
1600 7220 9550
(VoV Website via Alan Roe-UK)

ZIMBABWE Short Wave Radio Ban Triggers Uproar By Dumisani Ndlela, 27 February 2013: My grandfather always had this fascination with his shortwave radio: it was a way of keeping up to date with the latest news, and with the cold war still on, Radio Moscow had an ominous presence on short-wave, and BBC World Service also carried its loud voice across the globe using this channel. ZANU-PF also blasted its news from Mozambique - it was propaganda war on the shortwave! But those who thought shortwave radio had passed its prime and was on the deathbed, hold on a bit. In Zimbabwe, it had become fun and shortwave radio had turned out to be a gadget to own, thanks to donors who had been distributing these radios to rural communities, most of which have not been receiving the national broadcaster's signal for years. Until police recently declared that it was criminal to own these devices. President Mugabe's ZANU-PF has described these radio stations as "pirate stations", alleging they were being sponsored by those seeking regime change in Zimbabwe. Indeed the radios have given millions of Zimbabweans access to these stations, and critics argue that most people in rural communities do not have access to the State-owned Zimbabwe Broadcasting Corporation (ZBC)'s radio signals, depriving them of their right to information. (AllAfrica.com Financial Gazette via Rich Cuff-PA)

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

Pirate Radio Report

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

Well it is April finally! GOOD BYE old man winter! I am very much looking forward to feeling the warm sun on my face and not having to bundle up to go out and play with my antennas.

Activity in the last month has been fair but spotty with most activity on Friday, Saturday and Sunday evenings as is often the case.

We had a few new stations pop up although it is anyone's guess if there will appear again. Two that I can think of off the top of my head is "Left Lane Radio" and "RNKW". Left Lane was playing an assortment of music with lots of IDs. RNKW was playing pop chart hits from the early 70's with a DJ with a very British accent (thanks Andy!) At any rate it was great to have some fresh blood in the spectrum we can only hope for more as summer progresses.

Although I was not able to make it to the Winter Fest this year due to travel plans later this year I have some important news of the doings at the fest. As has been the case for the last several years the inductees of the North American Pirate Radio Hall of Fame were announced. This year inductees contain some good ones and several of my personal favorites!

Captain Morgan

Our very own: Chris Lobdell

Secret Mountain Lab

The Radio Airplane

Undercover Radio

WYMN

Please join me in offering hearty harr, harr, congratulations to all of these well deserving recipients.

I have been working on an editorial calendar of sorts for this year and talking to a lot of people. This summer you can probably expect a column on the basics of pirate radio reporting as I have done in the past. In a more exciting vein I have a nice list of pirates that have agreed to be interviewed and we are working on the endeavor as I write here.

So, to start things out next month I will roll out an interview with Rave on Radio. Logs may be limited next month due to space considerations. We will have to see how it all shakes out.

So, let's look at some pirate radio logs we have a nice selection this month. My thanks to the contributors!

All Along The Watchtower Radio, 6925U, 0035-0059+, 03-09-13. SIO: 333 Playing big band tunes by Brian Setzer, Bid Bad Voodoo Daddy, The Atomic Fireballs. Frequent IDs by host Alex Jobs. [Lobdell-MA]

Blue Ocean Radio, 6935U, 03-16-13. SIO:333 Program of music from artists such as Norman & Nancy Blake, Supertramp, ZZ Top, The Waites, etc. Several IDs by male announcer. (Lobdell-MA)

Captain Morgan Shortwave, 6925, 0149-0241. 70's music. One parody song. ID. One final song before fading out. Songs from Motown, David Bowie, Bob Seger. "China Girl," "Night Moves." Good signal up until 0241 where it cut off and then static. (The Barbers-OH)

Captain Morgan, 6925,0150, 3/24/13. Variety of pop music, Do Wop, Mo Town, "Big old jet airliner, "Night moves," Brandy," others. Abruptly off 0217. Some talk and IDs. Fair-poor. (Taylor-WI)

Hard Tack Radio, 6925U, 2320-2327*, 03-10-13. SIO: 232 Male announcer, ID and

email, played Civil War tune "Army of the Free", Battle Hymn Of The Republic and off. [Lobdell-MA]

Hard Tack Radio, 6925U, 2309-2326*, Mar 10. ID and frequency announcement by a man followed by talk about American Civil War. Played The Yellow Rose of Texas and closed with Battle Hymn of the Republic sprinkled with "firsts" from the Civil war period. Address given was hardtachradio@gmail.com. Poor to fair. D'Angelo-PA)

Insane Radio, 6.925, 0038-0108, 3-25-13, Talking about monopoly and playing it with his grandmother. Numerous IDs. [Rohde-OH]

Left Lane Radio, 6.925U, 2225-2239, 3-24-13, multiple music tracks with a left lane radio ID in between most tracks. [Rohde-OH]

Rave on Radio, 6925U, 2325-0010, 3/2/13. Velvet Underground, ID and talk about Lou Reed's birthday today, "Take a walk on the wild side, fair deteriorating to poor. (Taylor- WI)

Renegade Radio, 6935U, 2338-0013, 3/23/13-3/24/13. IDs by man including 2344, 2348, 2358 and at the close. Good signal. (Handler-IL)

Radio RKNW, 6925, 2246-2307, 3-23-13. Songs and IDs as operating on 197 meters so this must be some sort of relay. 3-23-13 (Handler-IL), [Rohde-OH]

Radio Ronin Shortwave, 6925, 0016-0053+, 03-20-12, SIO: 343 Henry Sheppard with the "Alvin Lee" Memorial Show. Music from Ten Years After, including I'm Going Home, Let The Sky fall, I've Been There Too, etc. Nice pleasant AM audio. FYI ...Alvin Lee was a Ten Years After guitarist who recently died (Lobdell-MA)

Radio Ronin Shortwave, 6925 AM 3/11 00:13-01:29 SIO 454. Sign on with traditional mx into blues rock of Ten Years After. Program commemorating Alvin Lee. This is pirate radio at its best. Hassig-IL)

Radio Ronin Shortwave, 6925AM 3/11 0107-0128* Music, talk, and IDs by a male

announcer. Enjoyed the BC. (S9+10 dB and clear and sharp, Hunsicker, PA)

Radio True North, 6925, 0240, 3/3/13. Music in and out of the static floor. Poor. (Taylor- WI)

Red Mercury Labs, 6925, 0128, 3/23/13. Rock, 0131 "Red Mercury Labs, 6925," talk about previous music, shout outs, continuing talk, another song, more shout outs (including me), Yahoo e mail, 0143 off. Fair. (Taylor-WI)

The Big Q, 1710, 3/10, 1710 AM, 0721-0754, "I can't help falling in love with you" Elvis, 0754- Was able to make out ID 'This is The Big Q', followed by Muhammad Ali novelty song from the 70s. Signal peaked about S-5. (Also heard the next night around the same time and later) (John Poet Lansing-MI)

The Crystal Ship, 6925.6, 0103-0142*, Feb 26. rock music, ID, music by The Who followed by another ID, skit, more vocals, etc. Off with ID and FAX Poor to fair. (D'Angelo-PA)

The Voice of Pancho Villa, 6925, *0500-0505*, Mar 3. opened with familiar theme music followed by Pancho's adventure as he headed to the Vatican for the selection of the next Pope; Pope Enid I. Naturally, a great signal at the FEST hotel. (D'Angelo-PA)

Undercover Radio, 6925, 0155 - 0217, 3/3/13. Several songs with dead air in between including AC / DC, Aerosmith, "Hold your head high," ID, e mail, off. Sounded like a test. Fair. (Taylor- WI)

Voice Of Alix, 6925U, 0001-0027*, 03-09-13. SIO: 232. Memorial station paying tribute to Alix Rice of Buffalo, NY who was killed by a drunk driver. Interviews with friends, mx by Blink 182, Gogol Bordello, Alterbridge. Email: sdf1radio@gmail.com. [Lobdell-MA], [Rohde-OH]

Wolverine Radio, 6925bU, 0121-0135, 03/16/13. music. At 0135 male announcer w/ID and said that tonight's music was from French composer Georges Auric. 0137-0138 SSTV. Slightly low modulation on voice. (Handler-IL)

Wolverine Radio, 6935U, 0200 - 0300*, 3/3/13. First set of songs with "heaven" theme, ending with "How far is heaven?" ID's every 3rd song and characteristic echo ID at end before SSTV. Fair improving to good. (Taylor-WI), [Rohde-OH]

Wolverine Radio, 6935U, 0016, 3/24/13. Starting out with 30's style vocals. ID every 3rd selection. Good. (Taylor-WI)

Wolverine Radio, 6935U, 0058, 3/17/13. "nobody knows you when your down and out," "Down on 31st St." 0107 ID, "Someone's gonna hurt you like you hurt me." On with program of nice blues. Very good. (Taylor-WI), (Handler-IL)

X-FM, 6950,0224-0328+, 03-09-13. SIO: 121 Just even with my local noise floor, playing rock and pop. Definite ID as "The Power Of X" at 0328. [Lobdell-MA]

X-FM, 6950, 0345, 3/9/13. 0345 mellow electronic music, 0348 ID and e mail address, more electronic music. This is X-FM. Music to the power of X." Off. (Taylor-WI)

Euros

Boomerang Radio, Holland, 6300, 2104 - 2130 03-15-13 33333: fair but improving signal with mix of rock,pop,techno and German beer garden style music. Including David Bowie, Black eyed peas & Neil Diamond. Announcement in English at end of broadcast. No contact info given. (Wood-Ma)

Bluestar Radio, Holland 6950, 2132-2318+, 03-09-13. SIO: 121/232, Fading in @2132 playing pops and Dutch tunes, mx by Big Time Rush, Gun N Roses, Toto. Audio muffled at times but I heard a couple of nice ID's. [Lobdell-MA]

NASWA Flashsheet

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

Contribute!

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

QSL Report

Sam Barto • 78 Blakeman Road • Thomaston, CT 06787

This card is good for „AMRS-AWARD“
INFO about AMRS: <http://www.amrs.at>

To Radio:
VIA:

Op: Richard A. D'Angelo

Many thanks for
reception report

CALL		DATE	
		7.11.2010	
UTC	MHZ	RST	Q-THRU
16:00 - 16:30	17.620		DAM

vy 73 de Richard
trnx-qso-pec-qsl

WAZ:15 ITU:23 ADL: SM

BRITISH SOMALILAND: Radio Har-geisa 7120 p/d cd. w/ station seal in 42 ds. for \$2.00 and a local postcard and an audio cassette. v/s Baldur Drobica, Consultant. Addr: Baldur Drobica, Zedernweg 6, D-50127 Bergheim, Germany. (Comeau-MA)

CHILE: CVC - La Voz 17680 and 9635 via Calera de Tango f/d oversized "Special QSL for the Last Week of Shortwave Transmissions August 13th thru 17th 2012" The QSL featured a staff photo, studio and antenna. All in 159 ds.

Although the QSL was mailed from Chile it contained the CVC USA post-al address: P.O. Box 2889, Miami, FL 33144 (D'Angelo-PA).

CHINA, PEOPLE'S REPUBLIC OF:

Voice of Pujiang 3280 via Zhen Town The QSL took 3 years and 5 mos! for a taped rpt. and \$2.00. Addr: Voice of Pu-

VERIFIED

NEW QSL CARD
IN JANUARY!



We are pleased to verify your reception of our station.

MR. RICH D'ANGELO
WYOMISSING PA

Date 2-2-10 Time (UTC) 0140

Power (w) 250 Frequency (MHz) 3.285

Transmitter location WERTCHATAI, CAMBODIA

Signature ALMIRAN M. PETERSON DX Editor

PROPAGATION NOTES: Radio Cairo 9360 via Abu Zaabal v/s Amgad Bligh, Head of Spectrum and Monitoring Department. Addr: Propagation Department, P.O. Box 1186, Cairo 11511, Egypt. **Oromiya Radio** 6030 v/s Habtamu Dargie Gudeta, Head of the Engineering Department. Addr: Radio Oromiya, P.O. Box 2919, Adama, Ethiopia. **Radio France International** 17620 Addr: TDF

Radio Business Unit, Short-wave Department, 106 Avenue Marx Dormoy, FR-92541 Montrange Cedex, France. **Blue Star** 6220 Email: bluestarradio@live.nl

Radio Brandaris International 6306 Email: info@radiobrandaris.com via PLAY DX...Sam

IBB INTERNATIONAL BROADCASTING BUREAU

Thailand Transmitting Station TO:
PO. BOX 99 A. Muang
Udonthani, 41000
Thailand

THAILAND
41190
04012011
133
5466
6854
0088992
15.00 UTH
BART
POSTAGE

Richard A. D'Angelo
2216 Burkey Drive
Wyomissing, PA 19610
U.S.A.

We are pleased to confirm your reception.
Date: December 13, 2010
UTC Time: 1700-1729
Frequency: 7.255 kHz

Thank for your interest.
Further reports are welcome.

Yours sincerely



Write of
and so

jiang, Floor 11, Radio Bldg., No. 1376 Hongqiao Rd., Changning District, Shanghai 200051, P.R. China. (Smith-MA). f/d ltr. in 426 ds. for \$1.00 and a local postcard. The station is now part of **China Business News Radio**. The v/s Qian Xiaoyan says that he joined the station about 6 mos. ago. He was a former SWL and found a bunch of reception rpts. tucked



away in his colleague's desk. Apparently he didn't know how to respond to them so Qian took it upon himself to answer all the reports. (Comeau-MA). Mr. Smith also received the same letter from the v/s. Voice of the Strait 6115 f/d "Satellite" cd. in 395 ds. (D'Angelo-PA).

CROATIA: Voice of Croatia 3985 The station verified my email rpt. w/ an email reply in 37 ds. v/s Janos Romer, Assistant Programme Director at HRT - Croatian Radio. The v/s also sent along a few photos the studios. (D'Angelo-PA).

ENGLAND: KBS World Radio 3955 via Skelton Verification was rcvd. via mail in 25 ds for a rpt. on their French transmission. Also rcvd. a program guide for the KBS French programming and KBS World stickers. The card featured scenes from a KBS World TV series "The Bridal Mask". The series is set in the 1930s during the Japanese occupation. A young man named Lee Kang-to works during the day for the glory of the Emperor and the

Japanese but by night he helps the patriots and hides his identity by wearing a bridal mask. (Roe-UK)...nice report...Sam

EURO PIRATE (Netherlands): Tip and Elvis Show 6290 f/d email QSL * in 4 mos. The station is located near **Bentelo** in eastern Holland. Email: t.eshow@hotmail.com 350 watts. (Lobdell-MA).

GERMANY: Rundfunk "Grass an Bord" program via Wertachtal They verified my email rpt. w/ a PDF f/d attachment in 15 ds. from Walter Brodowsky, Head of Short-wave, Senior Expert Sales who

Societatea Română de Radiodifuziune
Radio România International

STATION NOTES: Radio Sonder Grense 3320 v/s Miss Kathy Otto.

Email: ottok@sentech.co.za **Radio South Africa Radio League** 17700 same v/s and Email as above. **WYFR 3230 and 6045** Addr: Private Bag X06, Honeydew 2040, South Africa. **Radio Station Pacific Ocean 7330** Email: ptr@ptrvlad.ru

ERT S.A.

SUBDIRECTION OF TECHNICAL SUPPORT
P.B. 11 312
541 10 THESSALONIKI - GREECE

THESSALONIKI

23.1.2004

Kupia, Kúpia:

Mrs. Mr

JERRY KLINCK

Επιβραίνουμε αναφορά λήψης για το
Ραδιοφωνικό Σταθμό Μακεδονίας με
τα παρακάτω στοιχεία:

We confirm your reception report for
Radio Station of Macedonia with the
following characteristics:

Συχνότητα/Frequency

Ώρα / Time

Ημερομηνία/Date

7.450 KHZ

21:24:34

8/12/2003

WTC

Ευχαριστούμε για την αναφορά σας
και θα χαρούμε αν έχουμε νέα σας
πάλι.

Thank you for your report and we
will be pleased to hear from you
again.

Με τις καλύτερες ευχές από την
Ελλάδα.

With best wishes from Greece.

Με εκτίμηση

Yours Sincerely

T. Tsioli

TATIANA TSIOLI

notes the power was 100
KW. (D'Angelo-PA). **Radio**
Oomrang (or is it **Ooem-**
rang) 15215 via **Wertach-**
tal I rcvd. a f/d email
reply in 1 day w/ a PDF
attachment from Michael
Putz at Media Broadcast.
He indicated that my rpt.
would be forwarded to the
station. (D'Angelo-PA).

ROMANIA: Radio Romania Inter-
national 7130 f/d "19th
Century Orchard Homestead
in Giulesti, Maramures

QSL

pirate radio boston

Box 46 Stoneham, MA 02130 USA

Pirate Radio Boston

pirateradioboston@yahoo.com

County" in 31 ds. for an on-line rpt. (Roe-UK).

USA (Pirates): AM Boom-box Radio 6900.2 f/d laminated cd. in 10 ds. for an email rpt. (Comeau-MA). Global Warming Radio 6949.5 f/d cd. in 7 ds. for an email rpt. Also rcvd. personal ltr. (Comeau-MA). The Voice

STATION NOTES: Adventist World Radio 9585 and 11690 v/s A. Peterson Deutsche Welle

12070 via Dhabbaya v/s H. Schotz. Radio Nacional Amazonia 11780 v/s Luciana Couto, Coordinadora. WBCQ The Planet 9330 v/s Allan H. Weiner. WTJC 9370 v/s A. Robinson, Station Manager. Arctic Radio Club 9510 via Romania site (IRRS?) v/s C. Brunstrom...via PLAY DX and QSL Corner

of Alix 6925 frequency / time email QSL in 1 day. The card shows Alix, a girl that was killed by a drunk driver in Buffalo, NY and this pirate was marking the 1 year anniversary of her death. (Lobdell-MA)...This is a new one for me. I've never heard of such an operation by any pirate operation...Sam. Channel Z Radio 6925 f/d "Pirate with an Eye Patch" paper QSL in 10 wks. from Box 109, Blue Ridge Summit, PA 17214. (Lobdell-MA). Captain Morgan Shortwave 6925 The station verified my email rpt. w/ a f/d "Skull and Cross Bones" wall clock (certainly something a little different!) in 390 ds. The clock was presented to me by Andy Yoder at the 2013 Winter SWL Fest. The clock says I was in "The Pirate Zone". (D'Angelo-PA). Hard Tack Radio 6925 The station verified my email rpt. w/ a f/d Civil War Battle Scene PDF attachment in 2 hours. (D'Angelo-PA).

STATION NOTES: Radio Altrex 6290

Email: radioaltrex@live.nl Radio Marconi 6325 Email: radlomarconi@msn.com Radio Nacional Venezuela Canal Internacional 11680 v/s Freddy R. Santos, Asistente de Produccion Canal Internacional. Email: canalinternacionalrv@gmail.com Addr: Final Calle Las Marias, entre Chapelin y Country Club, la Florida, Caracas, Distrito Federal, Venezuela, Zona Postal 1050. via PLAY DX...Sam.

Good QSL Column this month. The Alix pirate QSL is a little creepy for me but I guess whatever floats your boat.

Best of QSLing...Sam.

Sam

RADIO NIGERIA THE NETWORK FOR THE MILLENNIUM

August 4, 2005

Richard A D'Angelo 2216 Burkey Drive Wyomissing PA 19610 U S A.

Dear Richard,

CONFIRMATION/ACKNOWLEDGEMENT

I write to acknowledge the receipt of your letter of verification dated 18th July, 2005. We are quite delighted with your report on the reception of Radio Nigeria Abuja 7275 KHz in your city.

I therefore wish to confirm to you that your report in your observation were quite in order.

Please note:

Table with 2 columns: Nigerian time, Transmission commences on, Nigerian time, Transmission closes

Once again accept our best wishes.

Ben Obeta For: Executive Director

Contributors' Page

Steven Handler • 113 McHenry Road #178 • Buffalo Grove, IL 60089 • handlersmail-naswa@yahoo.com

DEADLINE FOR CONTRIBUTIONS IS THE 10th OF THE MONTH

The following members sent in contributions:

Scott R. BARBOUR Jr., Intervale, NH	NRD545, MLB-12, 200' Beverages, 60m dipole
Bob BROSELL, WI	NRD-545, Eton E1, Sony ICF SW 77
Richard CUFF, Allentown, PA	no equipment listed
Rich D'ANGELO, Wyomissing, PA	RX340, R8-B, E1, E5 DX Sloper, Mini-Wind, FL3, ANC4
Jim EVANS, Germantown, TN	RX340, R75, E1, ICF-SW7600G, G6, 90' lw, 100m loop
Elliot FEINBERG, Brooklyn, NY	Sangean ATS-909, Tecsun PL-660, indoor whip
Dan FERGUSON, SC	no equipment listed
Steven HANDLER, Buffalo Creek, IL	Icom R-75, Tecsun PL-660, 33' indoor wire dipole
Glenn HAUSER, Enid, OK	FRG-7, YB400, SW-07, ATS-909, lw
William McGUIRE, Cheverly, MD	DX-380
Richard PARKER, Pennsburg, PA	51S-1-X, R390A, SE3, ant. farm
Chuck RIPPEL, Chesapeake, VA	Microtelecom Perseus, Allied sx-190
Alan ROE, Teddington, UK	Eton Satellit 750 with 10 meter long indoor wire
Mark TAYLOR, Madison, WI	Perseus, Winradio g313e, E1, Sat 800, 40m dipole
David TURNICK, Sinking Spring, PA	
Robert WILKNER, Cedar Key, FL	NRD545,535D, R8. IC746Pro, E1 Sat 800, Flex EWE

Hello all, this is my first month as distribution editor. I want to thank Bob Montgomery who faithfully served NASWA over many years. Bob served as Distribution editor when I was the International Loggings Column's editor and he was a pleasure to work with. Bob, I wish you good health and I hope you have time to enjoy listening and DXing.

The A-13 season began at the end of March. This means many frequency changes in April and beyond. Please remember that our club needs your logging, QSLs and other contributions. Even a single logging helps.

Although I have often the Contributor's column it wasn't until I actually prepared it this month that I had a chance to think about the content. I noticed something interesting. There doesn't seem to be much commonality between the receivers and antennas being used. Radios vary in age from the R390a to the newest SDRs. The type of radios include tabletop communications receivers, ham transceivers, portables and SDRs. Antennas vary and include indoor, outdoor, loops, active antennas, and LWs varying from a modest length of wire, to antennas hundreds of feet in length. It appears that almost any combination of radios and antennas can generate DX when placed in the right hands. So have fun this month, 73 and Good DX- Steve Handler



NASWA Facebook Page

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



Tropical Band Loggings

2000-5900 kHz

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

- 2325 **AUSTRALIA VL8T** Tennant Creek 1217-1226 W ancw w/ pop mx prg; iABC Radio ID; //2485-Katherine; p-f; 2/11. (D'Angelo/FCDX-PA) 1220 M ancw w/ talk as this one steadily f/out; 2/16. (Rippel-VA)
- 2485 **AUSTRALIA VL8K** Katherine 0940-1040 Pop mx w/ M DJ into jingle; brief W ancw at 1045; stronger sig than 2325 this morning; 2/5 & 11. (Wilkner-FL) 1222 Poor but mx is audible; sounds //2325 the VL8 stns; 2/6. (Hauser-OK) 1125-1142 Only one of these stn noted w/ M & W ancw hosting mx prg; ABC News at 1130; p-f but returned later at fair lvl while //2485; ID; //2325-Tennant Creek; 2/11. (D'Angelo/FCDX-PA)
- 2850 **NORTH KOREA KCBS** Pyongyang 1030-1110 KK pgrmng programming as band indicator in S. Florida; 2/3 & 4. (Wilkner-FL) 1040-1143 Noted in passing several times w/ KK talks & v. little of anything else; did ditch group vcl at 1140 but mainly long, long talks; p-f; 2/11. (D'Angelo/FCDX-PA) 1210-1230 Non-stop KK rant by M ancw; fair; not often heard here but for a particularly good Asian AM today; 02/16. (Rippel-VA)
- 3215 **USA WWRB** Manchester 0121 WWRB freq is missing, while 3185 is on as usual w/ Brother Scare svc; 5050 has also been missing for several nights, neither AM nor SSB; eanwhile, WWCR is on 3195; 3/5. (Hauser-OK)
- 3240 **SWAZILAND TWR** Manzini 0326-0340* M ancw in listed Nduu; choir vcls before diff. M w/ stn ID followed by IS; fair; 2/11. (D'Angelo/FCDX-PA) 0332 M preaching; 0340 rustic mx; off 0341; pulsing UTE successfully notched out on 3237.4; poor even then; 3/6. (Taylor-WI)
- 3255 **SOUTH AFRICA BBC** Meyerton 0344 (P); W ancw w/ EE interview; //7255-Ascension; both poor; 2/10. (Taylor-WI)
- 3310 **BOLIVIA R. Mosoj Chaski** Cochabamba 0000-0015 W ancw w/ mx; also 0855-0915; good; 2/5. (Wilkner-FL) 2320-2337 Prg of rustic vcls w/ W ancw in Indian lang; ID & several ancments followed by more mx at 2334; p-f; 2/11. (D'Angelo/FCDX-PA)
- 3320 **SOUTH AFRICA R. Sondergrense** Meyerton 0344 (P); Prg of contemporary mx; some instrumental, some sung; w/ M ancw; poor; 2/10. (Taylor-WI)
- 3325 **INDONESIA-KALIMANTAN** 1336 Indo talk; nice to be w/out line noise for once; comparable to 4750; good; 2/26. (Hauser-OK)
- 3329.5 **PERU Ondas del Huallaga** Huánuco 0000-0010 (T); Unusual time for this stn in Florida; also 1035 w/ M ancw en español mixing w/ CHU notched, IF notch on 746Pro; on as early as 0940 & f/out now at 1100 as the S. America season improves; 2/5, 15 & 3/1. (Wilkner-FL)
- 3380 **ECUADOR R. Centro** Ibarro 1110-1130 M ancw en español; UTE periodically on top; "Palabras de Dios"; 2/3. (Wilkner-FL)
- 3925 **JAPAN R. Nikkei** Tokyo-Nagara 1038-1112 JJ; M ancw w/ talk; W vcls followed by more talk; ID at 1100; fair w/ some amateur radio operators QRM; 2/11. (D'Angelo/FCDX-PA) 1230 (P); M & W w/ JJ banter; fair until some ARO QRM popped up; 3/9. (Taylor-WI)
- 3975 **VATICAN Vatican Radio** Sta. Maria de Galeria 0645 V. poor!; only recently this was inbooming; often the best of the lot for the 0630 Mass, but now getting too far into daytime, or just bad conditions tonight?; 3955 DRM from Skelton is still noisy enough, but considerably closer to the terminator; 3/3. (Hauser-OK)
- 4055 **GUATAMALA R. Verdad** Chiquimula 0942 "Radio Verdad onda corta...locutor en español."; 2/6. (Wilkner-FL) 0020-0030 SS; 555 sig as lcl to Florida; 2/27. (Wilkner-FL) 1201 Check R. Verdad, which s/on much later Sunday mornings; used to be circa 1255, too late to get much here, but now on the freq I am hearing 6 notes repeated every 13 seconds; four ascending & then one higher & repeated prolonged, C-D-E-F-A-A in the C5+ range ending at 880 Hz; an IS I had not heard before, as I don't catch them at s/on time since I discovered TGAV 13 years ago; soon after I stopped the tape; at 1204.5 the NA started, which we know runs 4-5 minutes at s/off after 0600, so I moved on until recheck at 1213 w/ prg in progress; 3/3. (Hauser-OK)
- 4220 **CHINA PBS Qinghai** Xining 0047 (P); JBA AM carrier; presumably Tibetan-Amdo dialect svc; 50 kW, 206 degrees from Xining per Aoki, but inaudible at 0057; 2/7. (Hauser-OK) 2335-0013 CC: M & W ancw w/ lively talk & mx; f-g; fading somewhat after ToH; 2/10. (D'Angelo/FCDX-PA)
- 4319U **DIEGO GARCIA AFN** 0000-0002 EE nx re "DOW rises over 14,000 for the first time since the Oct 2008 crash..."; trick seems to catch this at 2340 before the 0003 killer UTE cuts in & demolishes the often great sig; 2/3 & 24. (Wilkner-FL) 2354 Weak sig w/ mx; must be AFN, tnx to tip from Bob Wilkner of best time to hear it before ute QRM starts; indeed at 0000 2/16 there was lite

- ute QRM, plenty to block this, & a few minutes later the usual v. heavy clicker; AFN DG's other freq 12759-USB, not audible at 0103 2/16, where it may or may not have moved by this time tonight; 2/15. (Hauser-OK)
- 4500 **CHINA PBS Xinjiang** Urumqi 0047 (P); V. poor w/ talk vs CODAR crashes; still heard at 0057 unlike CHINA 4220; this one for the Mongolian svc; 2/7. (Hauser-OK)
- 4699.9 **BOLIVIA R. San Miguel** Riberalta 2327-2340 SS; M ancw w/ mx prg; poor; 2/11. (D'Angelo/FCDX-PA)
- 4716.65 **BOLIVIA R. Yura Yura** 0000-0130 Strong sig mixing w/ voice UTE; later into mx & regular español prgrming; a regular sig 1000 mornings; 2/5 & 21. (Wilkner-FL) 4716.9 0051 (P); Weak mx; much stronger SSB QRM on hi side; slightly on the low side of 4717, most rpts showing it further than this; 2/9. (Hauser-OK)
- 4747.1 **PERU R. Huanta 2000** Huanta 1052-1113 SS; W ancw w/ ID; several ancments w/ lcl mx prg; quite poor; usually much better than this; 2/11. (D'Angelo/FCDX-PA)
- 4750 **BANGLADESH Bangladesh Betar** Shavar 1148-1210 (T); W ancw in listed Bengali hosting a prg of lcl vcls; ID at 1159; poor w/ some good moments; 2/12. (D'Angelo/FCDX-PA)
- 4750 **INDONESIA-SULAWESI RRI Makassar** 1131 Still audible at 1330 w/ conversation, one side on the phone; fair; 2/26. (Hauser-OK) 4750.09 1233 (P); W ancw from 1230-1240 into mx; the westward march of the terminator thwarted my efforts to positively ID this one today; fading fast; 2/16. (Rippel-VA)
- 4755.44 **MICRONESIA V6MP The Cross** Pohnpei 1135-1200* Piano & instrumental mx; 2/24. (Wilkner-FL) 1156 I am unfortunately awake, so a good time to check the carrier cutoff of PMA The Cross, not much modulation making it: 1159:40*; 3/3. (Hauser-OK)
- 4774.9 **PERU R. Tarma** Tarma 0957-1001 SS; Piano, strings & flute IS; 0958 opening ancments; talk over mx by M & W ancw; poor w/ CODAR; 2/8. (Evans-TN) 4775 1014-1034 OA vcls hosted by W ancw; M ancw w/ ID at 1029 followed by more vcls; fair; 2/11. (D'Angelo/FCDX-PA)
- 4775 **INDIA AIR Imphal** 0052 (P); Two weak carriers here, one surely R. Tarma, Peru; two other stns might be on the air at this time, but Brazil's R. Congonhas has not been confirmed active in the past month; that leaves AIR Imphal, per Aoki 0020-0215, 50 kW non-directional in Hindi; 2/9. (Hauser-OK)
- 4780 **DJBOUTI RTD** Atta 0332-0340 AA prg noted w/ strong sig; 2/6. (Wilkner-FL) 0327 Prg of enjoyable HoA mx w/ M ancw; fair; 2/16. (Taylor-WI)
- 4781.5 **ECUADOR R. Oriental** Napo 1147 F/out; this the most powerful of the Ecuadorian sigs from 1100 s/on; 2/3. (Wilkner-FL) 4781.5 1102-1105 (T); Stn so weak I could not ID the lang; measured as 4781.5; poor & JBA; 3/12. (Handler-IL) 4781.7 2345-2359* SS; M & W ancw w/ Ecuadorian mx; ID at 2351 and last vocal cut mid-song; p-f; noted again the following morning, 1101-1118 w/ vcls & M ancw w/ TCs, IDs, several ancments & mx; again next night at 0022-0035 w/ nice mx; fair; 2/10-12. (D'Angelo/FCDX-PA)
- 4785 **BRASIL R. Caiari** Porto Velho 0950-1025 ID into Brazil mx; good; 2/27. (Wilkner-FL)
- 4789 **PERU R. Visión** Chiclayo 0700-0730 Seems to be b/casting 24 hours a day?; 2/5. (Wilkner-FL) 0053 Carrier is only slightly below 4790; much closer to 4790.0 than to 4789.9 & a log of R. Visión a month ago agrees w/ this, 4789.97 by Pedro F. Arrunátegui, but on Jan 26, 4789.877 by Wolfgang Büschel, so it may vary; CODAR; 2/9 & 26. (Hauser-OK) 4789.5 0507-0526 M ancw in SS preaching before a live audience; choir vcls from 0518 followed by M ancw w/ ID & ancments; p-f w/ CODAR; 2/11. (D'Angelo/FCDX-PA) 4789.83 0942-0950 Brief flauta "El Condor Pasa" cut short; good; 2/6 & 19. (Wilkner-FL)
- 4800 **CHINA CNR-1** Geermu 0048 (P); V. poor sig w/ flutter; no doubt PBS Geermu; maybe a bit of CCI: I need to watch out for 5 x 960 lcl KGWA, tho I certainly hear CC here normally; 2/7. (Hauser-OK) 1140-1205 CC: Two M ancws in discussion; 5+1 pips at 1200 followed by nx; p-f w/ CODAR; 2/11. (D'Angelo/FCDX-PA)
- 4805 **BRASIL R. Difusora do Amazonas** Manaus 0928-1030 Hard driving rock mx; W vcls & locutor em português; 2/3 & 19. (Wilkner-FL)
- 4810 **PERU R. Logos** Chazuta 1027 Chorale vcl; usual strong sig; M ancw at 1040; beautiful mx... favorite flauta andina stn; 2/5. (Wilkner-FL) 0035-0110 Long continuous mx segment w/ easy vcls; ID & SS ancments by M ancw at 0056; back to non-stop mx prgrming from 0100; re-tuned after dinner w/ more easy vcl selections w/ flutes; ancments at 0330; began s/off routine at 0358 followed by M vcls w/ NA; poor w/ severe CODAR marring reception; needed LSB & 1.8 filter on Drake R8B; 2/12. (D'Angelo/FCDX-PA)
- 4815 **ECUADOR R. El Buen Pastor** Saraguro 0244 SS (P); M ancw w/ talk; in & out of the static; almost fair at peaks; 3/8. (Taylor-WI)
- 4824.49 **PERU LV de la Selva** Iquitos 1010-1045 The one noted here; s/on about this time each day; M w/ SS vcls; 2/3 & 11. (Wilkner-FL)

- 4826.5 **PERU R. Sicuani** Sicuani Cusco 1107 V. late s/on; usually on as early as 0930; 2/12 & 27. (Wilkner-FL)
- 4835 **AUSTRALIA VL8A** Alice Springs 1130-1135 Pop rock vcl; powerful sig w/ exc. audio using narrow filter on Drake R8B; 2/3. (Wilkner-FL) 2127 In at fair lvl long path w/ pop mx prg & M ancrs; usual ABC News jingle at BoH into nx; heavy CODAR; //4910 & 5025; 2/16. (Rippel-VA)
- 4835 **PERU Ondas del Surorient** Quillabamba 0000-0020 Marginal sig w/ M & W en espanol; not as strong as previous freq "out in the open"; 2/5. (Wilkner-FL) 2337-0005 SS: M ancr hosting prg of romantic vcls; several nice IDs & series of ancments at ToH; fair despite CODAR; 2/11. (D'Angelo/FCDX-PA) 0052 Usual two tantalizing JBA carriers on slightly different freqs; making a double pitch w/ BFO; (P) Sikkim & Perú, respectively; 2/17. (Hauser-OK) 1314 Still on 60m at night; 1315 TC for "...a quarter till eleven"; 3/1. (Hauser-OK)
- 4835 **UNIDENTIFIED** 0051 One JBA carrier vs CODAR; 0058 now there are two JBA carriers slightly offset, until WWCR, (now I get it: steel drums evoke Trinidad, then Trinity, i.e. the Christian subset which believes in that?), blasts on 4840 at *0058:48, i.e. likely R. Ondas del Sur Oriente, Perú & then joined by AIR Sikkim; also 0054, again two JBA carriers slightly apart detectable w/ BFO, expected to be Peru & Sikkim, but little prospect of either getting any better; 2/7 & 8. (Hauser-OK)
- 4840 **INDIA AIR Mumbai** 1323 More S. Asian vcl mx; v. poor & weaker than Australia 4835, but nice to hear the only SW strn besides WWCR on 4840; 2/7. (Hauser-OK)
- 4840 **USA WWCR** Nashville 0115 I notice that WWCR is missing instead of usual start just before 0100; then I check the other three txmitters: at 0121, finding 3195, 5935 & at 0133, 7520 are all missing too, a total shutdown for some reason, thus depriving us of four gospel huxters and/or super-patriots; at 0227, check all four are back on: 3215, 4840, 5890, 5935; 2/15. (Hauser-OK)
- 4877 **BRAZIL R. Roraimi** Boa Vista 0058 Mx, maybe religious; Chaski beckons so can't stay with it; fair; 3/3. (Hauser-OK)
- 4880.1 **INDIA AIR Lucknow** 0055 S. Asian vcl mx; fair sig slightly on the hi side & still same at 0104; 2/9. (Hauser-OK)
- 4885 **BRASIL R. Clube do Pará** Belém 1000-1020 Enchanting M vcl in PP; v. strong sig; 2/3. (Wilkner-FL) 0544 Braspops; fair; 3/9. (Taylor-WI)
- 4894.9 **BRASIL R. Novo Tempo** Campo Grande 1000-1010 Weak in PP under CODAR; 2/3. (Wilkner-FL) 0000ñ0100 M ancr in PP; freq in kilohertz ment. under CODAR; 2/27. (Wilkner-FL)
- 4910 **AUSTRALIA VL8T** Tennant Creek 2135 Lvl's just short of those from 4835 but enough to easily // through CODAR; 2/16. (Rippel-VA)
- 4920 **TIBET Xizang PBS** Lhasa 1207-1221 W ancr talking in (P) Tibetan; brief mx segments between talks; time pip at 1215 followed by more talk by M anr; p-f; 2/11. (D'Angelo/FCDX-PA) 1223 Talk in listed Tibetan; 3/9. (Brossell-WI)
- 4925.2 **BRASIL R. Educação Rural** Tefé 1000-1030 PP; M vcls; 2/11. (Wilkner-FL)
- 4939.9 **PERU R. San Antonio de Atalaya** 0940-0955 (T); in SS w/ deep fades; never strong here!; 2/27. (Wilkner-FL)
- 4940 **CHINA V. of the Strait** Fuzhou 1116-1136 CC: M ancr w/ talk; mx fanfare; nx features w/ several remote rpts; p-f; 2/11. (D'Angelo/FCDX-PA) 1316 Slow song w/ guitar; (P) in CC, 1318 ancment & more mx as usual the SSOB from Asia; 2/15. (Hauser-OK) 1225 Talk in CC; 3/9. (Brossell-WI)
- 4949.7 **ANGOLA RN de Angola** Mulenvos 0412-0415 PP; M ancr w/ talk; v. weak w/ fading; below noise lvl much of the time; 2/5. (Evans-TN) 4950 0117 Considerable het from two stns; the lower one presumably RNA & the higher one AIR Srinagar, Kashmir; 2/15. (Hauser-OK)
- 4976 **UGANDA UBC Radio** Kampala 0324-0345 (P); M ancr in EE; mx features; peaked at poor lvl but mainly unusable; 2/11. (D'Angelo/FCDX-PA) 0400-0445 M ancr w/ mx & ancments; f-g; tnx M. Coady tip; 3/1. (Wilkner-FL)
- 4980 **CHINA PBS Xinjiang** Urumqi 0036 Talk in Turkic & as I meant to mention before, this freq suffers from some hum & distortion; unlike 5060 in clear CC; 2/6. (Hauser-OK)
- 5000 **HAWAII WWVH** Kekaha 0645 Propagation minute by real M voice instead of synthetic W on WWV; he starts a few seconds late & doesn't enunciate clearly, but I think the SF was 111, A4 & K0 [You lost me-ed]; WWV was JBA at this time on 5000; 2/4. (Hauser-OK)
- 5010 **INDIA AIR Thiruvananthapuram** 0052 (P); Poor w/ S. Asian vcl mx; 2/7. (Hauser-OK)
- 5025 **AUSTRALIA VL8K** Katherine 2145 This one a bit more difficult but heard approx 10 cps beatnote w/ Cuba; careful listening revealed prgrming //4835; clearly mixing w/ Rebelde during fades; 5025 makes for the first "clean sweep" of all three 60M VL8's logged here since approx 1996; the Long Path opportunity enabling these to be heard takes place once per year beginning approx 01/15; 4835-Alice Springs seems to be the most reliable outlet, audible at times when there is no sign of a carrier on 4910 or prgrming mixing w/ Cuba; 2/16. (Rippel-VA)

- 5025 **CUBA R. Rebelde** Havana 0530 Nx headlines; ID as "CMBA, Rebelde"; I suppose this is nothing unusual, CMBA being the general callsign for the network, not any one particular AM, FM or SW freq; 2/27. (Hauser-OK) 0342 W ancr in SS; background mx; good; 3/9. (Handler-IL)
- 5035 **BRASIL R. Aparecida** Aparecida 0930-1020 Ancr w/ ments. de Aparecida; good at first, then fade; 2/27. (Wilkner-FL)
- 5039.22 **PERU R. Libertad** Junin 1030-1110 SS; M ancr w/ mx; strong sig but blocked at 0000 by 5040-Cuba; 2/5 & 27. (Wilkner-FL)
- 5040 **CUBA RHC** Havana 0614 "You are tuned to Radio H. C..."; 2/5. (Wilkner-FL)
- 5050 **USA WWRB** Manchester 0053 On again w/ preacher quoting papyrus re the demise of ancient Egypt; //3215; 2/7 & 17. (Hauser-OK)
- 5085 **USA WTWW-2** Lebanon 0057 Finally back on w/ country gospel mx after missing for a week or so; huge sig; 2/4. (Hauser-OK)
- 5066.2 **UNIDENTIFIED** 0330-0400 Looking for Congo Radio Télé Candip, Bunia; carrier on at 0330 w/ poor audio; 2/6. (Wilkner-FL)
- 5110 **USA WBCQ** Monticello 0055 Carrier + USB; Rock mx; (P) during sked "Radio Timtron Worldwide" at 0000-0200; nothing heard about snowstorm during my brief checks; 2/10 & 16. (Hauser-OK)
- 5460 **PERU R. Bolivar** Cd. Bolivar 0100-0120 Noted w/ mx; best in USB; 2/14. (Wilkner-FL) 0000-0100 M ancr w/ occ. mx; 2/27. (Wilkner-FL) 5460.36 0112 (P); JBA carrier; way out of band; 3/1. (Hauser-OK)
- 5745 **USA VOA** Greenville *0227-0300* open carrier until mx at 0230 when Radiogram prg w/ Kim Andrew Elliott; Kim talked about digital txmission modes & software; also, various digital txmission modes used by amateurs were b/cast; ancr w/ radiogram@voanews.com; good; 3/17. (D'Angelo-PA)
- 5765U **GUAM AFN** Barrigada 1431 Rpt on military housing, so own prgrming?; maybe not as further items on Acapulco gang-rapes, Massachusetts pharmacies shut due to meningitis; then CNN rpt on the Superdome; heard just about every morning lately tho not logged, as has remained active; 2/6. (Hauser-OK) 0917-0950 CBS News Marine Corps History; 2/6 & 19. (Wilkner-FL) 1258 Marine Corps rpt; PSAs; 1300 NBC "Today" show announcing it's 6 March in NYC, storm approaching w/ Matt Lauer & Savannah Guthrie; so it's back on usual night freq unlike 24hours earlier; 3/6. (Hauser-OK)
- 5830 **USA WTWW-1** Lebanon 0500 World of Radio 1655 monitoring; Confirmed w/ plenty after ToH ID which autofires from WTWW txmitter site, is out of the way; 2/10 & 3/3. (Hauser-OK)
- 5885 **TAJIKISTAN V. of Russia** Yangiyul 1255 EE; Food talk re "Soviet mustard" (did I hear that right?); 1301 switched to Hindi giving website using Roman letters; "Chariots of Fire" theme, which I daresay has nothing to do with Russia, but then the Great Gate of Kiev does not either; this is 100 kW, 137 degrees from Dushanbe-Yangiyul, so grayline a semihour before sunrise here; fair; 2/5. (Hauser-OK) 1327 (P); In Hindi w/ W ancr at length; poor; 2/10. (Taylor-WI)

5901-30000 kHz

International Band Loggings

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- 5952 **BOLIVIA presumed R. Pio Doce XII** Siglo Viente 0216-0230* Feb 21 SS; M & W announcers w/ talk; M sounds via telephone or remote; various announcers over & between mx bits; presumed IS of repetitive strings at 0229 then off; weak in ECCS-USB to avoid het on low side. (Barbour-NH)
- 5960 **TURKEY** 1/14 2300 EE IS, ID, Freq schedule, National news, Good (McGuire, MD)
- 5970 **BRAZIL Radio Itatia.** Bible program (Erbelis-NY)
- 6040 **CYPRUS BBC**-Limassol, 0335-0359* Feb 24, Arabic service with man and woman announcers hosting features some with English before translation and analysis began. Poor to fair. (D'Angelo-PA)
- 6045 **PHILIPPINES VOA** 2235-2250, Chinese (Erbelis-NY)
- 6055 **SPAIN REE** 0017-0058, mx, quotations from Jane Goodall (in her own voice), discussion of photography of Robert Adams. Good to know this station is still with us, good signal 3/1/13 (FEINBERG-NY)
- 6105 **GERMANY TWR** 0801-0830 in EN. (Turnick-PA)
- 6115 **CHINA Voice of Straight** via Fuzhou 1247 in Mandarin with male and then at 1248 female presenters separated by a musical bridge. Audio clip of a man talking at 1249. Fair-good signal. 2/28/13 (Handler-IL)
- 6295 **CHINA CRI** 2200 in SS. (McGuire-MD)

- 6885 **ISRAEL Galei Tzahal** – Lod, 0352-0423 Feb 21, man and woman announcer with talk in Hebrew language followed by light guitar music, more talk and some vocals. Music fanfare at 0400 followed by ID and news. Return to music programming at 0403. Fair signal with some deep fades. (D'Angelo-PA)
- 6925 **US PIRATE Man in the Moon** 2206-2224 with moon themed songs. (Turnick-PA)
- 6925 **US PIRATE Voice of Alix** 0001-0030., Program dedicated to Alix Rice. Good (Turnick-PA)
- 7120 **SOMILAND R. Hargeria** 0400-0425 (Erbelis-NY)
- 7200 **SUDAN R. Omdurman** Al-Aitahab 0238-0302 Feb 21 AA; Ko'ran-like chants; M announcers w/ lengthy talk; (T) ments. of Mali; ID at ToH into more Ko'ran-like chants; fair. (Barbour-NH)
- 7260 **CHINA CRI** via Xian 1250-1253 CRI in Japanese with male and female presenters. At least one and possibly two other stations underneath. Fair signal. //7325 2/28/13 (Handler-IL)
- 7290 **RUSSIA** 1/15 0100, EE, ID, National news, mention of Japan, Good(McGuire,MD)+B35
- 7295 **IRAN Voice of Palestine** 0330-0343 in Arabic. (Turnick-PA)
- 7295 **RUSSIA VOA** via Novosibirsk 1433 in CC. Good overall (Parker-PA)
- 7375 **GERMANY (EAST) The Mighty KBC** via Nauen 0009-0034 songs, commercials and IDs. Male DJ. Excellent signal very slight fading. 3/3/13 (Handler-IL)
- 7385 **CHINA CNR** - Xiang. 0930-1020 Chinese (Erbelis-NY)
- 7435 **SEYCHELLES BBC** World Service – Mahé, 0310-0341 Feb 21, English language news features with latest events in Lance Armstrong doping case one of the topics. ID at 0330 followed by news. Fair to good signal with moderate fading. (D'Angelo-PA)
- 7470 **MONGOLIA RFA** 1240 in vern. (Parker-PA)
- 7520 **SRI LANKA VOA** 1234. (Parker-PA)
- 7550 **INDIA AIR** 2203-2230 nx, comm, lite mx, s/off, good signal 1/27/13(FEINBERG-NY)
- 7580 **NORTH KOREA VOK** 1226 in JJ. (Parker-PA)
- 7595 **OPPOSITION Radio Free Chosun** via Dushanbe, Tajikistan 1240-1304 Korean with male and female presenters. Poor to fair signal. 2/20/13 (Handler-IL)
- 9400 **PHILIPPINES FEBC** 1336 with choir mix. (Parker-PA)
- 9430 **PHILIPPINES FEBC** via Boucaue in Mandarin with song at 1343 followed by two different male speakers in Mandarin at 1345. Fair signal. 3/3/13 (Handler-IL)
- 9445 **INDIA** 1/1 2200, EE, ID national news, mention of Pakistan, good(McGuire, MD)
- 9450 **BULGARIA The Mighty KBC**, 0045-0159* Feb 17, Moody Blues and other 60's
- 9500 **UZBEKISTAN CVC** Int'l 1310 in JJ. (Parker-PA)
- 9510 **SRI LANKA R. Free Asia**, Burmese (Erbelis-NY)
- 9540 **BULGARIA Mighty KBC** 0003-0131, dj w rock mx and station promos,signal fluctuated from good to poor 1/26/13 (FEINBERG-NY)
- 9550 **CHINA CNR-1 CRI REE**. 13:59.35-1401.25 GMT REE interval signal followed by time tips with the ToH pip followed by CNR-1 in Mandarin on top with CRI's musical sign on underneath CNR-1, the CRI musical sign followed on CRI with a female into listed Vietnamese. 2/28/13 (Handler-IL)
- 9580 **GABON African No. 1**, 2235-2318 Mar 8, woman announcer talking in French language hosting a music program. ID by the woman at 2259 followed by a man announcer with news. ID by man at 2309 followed by music fanfare with news continuing with many remote reports. Poor to fair with bad het that disappeared at 2301. (D'Angelo-PA)
- 9655 **GERMANY** 1/14 2100 is, id African service, mention of Mali, EE Good (McGuire, MD)
- 9685 **GERMANY Pan Am Broadcasting** 1930-1958in English with Gospel programming. (Turnick-PA)
- 9730 **VIETNAM V of Vietnam** 2005-2027 (Erbelis-NY)
- 9790 **ROMANIA** 1/14 2205 id, National news, SS service, good(McGuire, MD)
- 9915 **UNITED KINGDOM BBC** 1957-2002 in AA. Big Ben chimes.(McGuire-MD)
- 9920 **PHILIPPINES FEBC** Iba 1211-1233 Feb 21; M & W announcers w/ discussion in indigenous lang; ballad at 1228; brief W announcer & accordion bit at 1231 followed by M announcer; fair at best. (Barbour-NH)
- 9960 **PALAU presumed Khmer Post Radio Koror** 1202-1211 Feb 21; W announcer in listed Cambodian; bit of mx at 1209 into more talk; v. poor in ECCS-USB to avoid RTTY-like QRM on low side. (Barbour-NH)
- 9965 **PALAU Radio Australia** (p) at 1347 with music. Poor signal. 2/15/13 (Handler-IL)
- 9965 **OPPOSITION Nippon No Kaze** 'il bon ue baram' via Palau targeting North Korea 1530 sign on Korean with ID and female presenter. Poor signal. 2/18/13 (Handler-IL)
- 9975 **GUAM KTWB** Trans World Radio (p) 1433-1437 with female presenter in Mandarin. Poor signal. 2-17-13 (Handler-IL)
- 11510 **OPPOSITION Denge Kurdistan** via unconfirmed transmitter location possible Ukraine or Pridnestrovie. 1349-1405 male presenter in Kurdish including speaking to another man who sounded like he was on the phone. Fair-good signal. 2/15/13 (Handler-IL)
- 11510 **OPPOSITION Denge Kurdistanya** 1349 in Kurdish. (Parker-PA)

- 11517 **OPPOSITION Voice of Tibet** reported to be via Dushanbe, Tjikistan. (p) 1330-1358 with 1344-1349 fade out. Listed Tibetan language program, heard male and female speakers. No jamming, Firedrake or otherwise, was heard. 2/16/13 (Handler-IL)
- 11600 **LIBYA Radio Libya** - Sabrata, 1634-1710 Feb 16, man and woman with excited Arabic discussion program with some music segments. ID and news at 1700. Poor to fair signal. (D'Angelo-PA)
- 11615 **OPPOSITION Radio Damal Voice of the Somali People** via Woofferton, England targeting Somalia 1830-1840 sign on in Somali, musical interludes and then male presenter Fair peaking to good signal 2/18/13. (Handler-IL)
- 11625 **VATICAN STATE Vatican Radio** 2020-2026 in EE.(McGuire-MD)
- 11635 **ROMANIA RRI** 1748 French language program with song in progress. At 1750 male presenter in French. Fair signal. 2/16/13 (Handler-IL)
- 11635 **TAIWAN R. Taiwan** 2235-2250 Chinese (Erbelis-NY)
- 11670 **INDIA All India Radio** - Bengaluru, 2107-2230* Feb 23, English commentary about Nepal followed by General Overseas Service ID and program previews. Indian instrumental music until ID at 2130 followed by interview with professor about India relations in Asia. Transmission closed with the woman announcer giving times of broadcasts and frequencies. Fair to good. (D'Angelo-PA)
- 11680 **SPAIN REE** 2100 in PP. Good .(McGuire-MD)
- 11685 **GUAM AWR** 2200-2228 in Mandarin. Good propagation. (Turnick-PA)
- 11690 **CLANDESTINE Radio Okapi** - Meyerton, 0410-0423 Mar 8, woman announcer with French language talk with several IDs followed by several jingle IDs. A man with news but language changed into African language around 0416. Good signal. (D'Angelo-PA)
- 11725 **NEW ZEALAND RNZ** 0600-0610, nx, wx, tk, good to fair signal 3/1/13 (FEINBERG-NY)
- 11740 **GUIANA FRENCH Radio** Japan via Montsinery, 0507 on 3/2. EE to NA with report on oil project in Iraq, then into program "Singing in Japanese". Good. (Johnson, NV)
- 11750 **PHILLIPINES VOA** 1234-1300 interview with author of book about the wearing of the Muslim headscarf, excellent to good signal with flutter1/12/13. Note that I received a QSL for this transmission but it did not state the specific date or transmitter site (FEINBERG-NY)
- 11750 **CHINA CNR2** 2340-2355 (Erbelis-NY)
- 11780 **BRAZIL Radio Nacional da Amazonia** 2315 in Portuguese two men speaking on presenter and one guest, also a female presenter with sound effects for bridges between speakers as well as jingles. Excellent signal. 2/28/13 (Handler-IL)
- 11790 **CHINA China Radio International** - Xian, 0024-0059*, Feb 26. English service with woman announcer hosting a program of news features with brief musical segments. Poor and almost gone by closedown. (D'Angelo-PA)
- 11820 **SAUDI ARABIA Broadcasting Service of the Kingdom of Saudi Arabia**, 2231-2300* Feb 23, Holy Quran program with recitations and Arabic talk. Off at 2300 after last recitation. Good signal. (D'Angelo-PA)
- 11855 **BRAZIL Radio Aparecida**, 0047-0118 Feb 25, man with Portuguese talk. Woman announcer at 0058 with ID and several announcements and promos. Time pips at 0100, ID by a man announcer followed by more talk. Poor to fair with a slight hum from presumed Radio Veritas Asia until the left frequency and became muddy by tune out. (D'Angelo-PA)
- 11890 **SINGAPORE BBS** WS 1300-1336 news, current events stories including about Putin's ban of public smoking in Russia. Fair-Good signal. 2-25-13 (Handler-IL)
- 11890 **EGYPT Radio Cairo** heard at 2128, 2/26/13, songs to ID in Arabic at 2130. The modulation was really bad, making the sound quality "muddy." (Brossell, WI).
- 11890 **SINGAPORE BBC** WS, 1300-1336. news, current events stories including about Putin's ban of public smoking in Russia. Fair-Good signal. 2-25-13 (Handler-IL)
- 11925 **BRAZIL** Feb 26 at 0651, good modulation in Brazilian Portuguese discussion, i.e. R. Bandeirantes. No het tho we know it's off-frequency, until 0659 when there's now a LAH which would be from Turkey just signed on, after a one-hour break following BBC Seychelles until 0600. By 0727, much weaker like 11765. [*] (Hauser, OK)
- 11945 **OPPOSITION Radio Free Asia** via Tajikistan heard at 2132, 2/26/13. talks in listed Mandarin. Poor signal quality. (Brossell, WI).
- 11980 **CHINA CRI** via Kunming 1312 English with program about China real estate investment. Fair-good signal. 3-4-13. (Handler-IL)
- 11995 **OPPOSITION Radio Free Asia** via Northern Marianas heard at 2135, 2/26/13. talks in listed Korean. (Brossell, WI).
- 12000 **VIETNAM Voice of Vietnam** 1312-female presenter joined at 1313 by a male presenter in Mandarin. Fair-good signal with low pitched whine. 3-4-13 (Handler-IL)

- 12015 **SOUTH AFRICA BBC** - Meyerton, 0434-0459* Feb 23, "In the Balance" program hosted by a male announcer with English talk features with a panel discussing income tax policy and then delving into taxes to improve human behavior. Fair to good signal. (D'Angelo-PA)
- 12025 **INDIA (GOA) All India Radio**, Panaji, heard at 1812, 2/28/13. talks in listed Malayalam. Fair to poor signal strength. (Brossell, WI).
- 12045 **ENGLAND IBRA RADIO** Radio Ibrahim 1750-1758* song followed by male and female announcers in Arabic. ID. Fair signal-Good. 2-16-13 (Handler-IL)
- 12060 **CUBA** Feb 26 at 0654, DCJC pulse jamming fading in and out, i.e. 2 x 6030 against Marti (Hauser, OK)
- 12070 **RWANDA Deutsche Welle** relay heard at 1815, 2/28/13. talks in listed Hausa. Due to noise on the frequency, this was best listened to by off-tuning to 12,072 kHz. (Brossell, WI).
- 12095 **PHILIPPINES FEBC** Radio International, *2259-2330* Feb 24, IS with man announcer in English with ID ("FEBC Radio broadcasting from Manila, Philippines") prior to music fanfare at 2300 and opening of listed Hmong program. Poor to fair. (D'Angelo-PA)
- 12095 **SEYCHELLES BBC** 1730-1800 Sports Review, including discussion of NFLPlayoff and upcoming NBA game in London, fair to good signal 1/12/13(FEINBERG-NY)
- 13745 **THAILAND R.Thailand** News 0005-0015 nx, greatly increased QRN at 0015, fair signal 03/01/13 (FEINBERG-NY)
- 13745 **THAILAND RT** News 0010-0032 nx, commls, carrier dropped 0030, back0031, fair to good signal 1/11/13 (FEINBERG-NY)
- 15190 **EQ GUINEA R AFRICA** 2035-2045 rel tk by 'Frank and Ernest', ID gave PO Box in Accra Ghana, carrier dropped mid-sentence during next sermon 1/25/13 (FEINBERG-NY)
- 15190 **FR GUIANA R Japan** 1240-1250, consisted of interval signal music with repeated station IDs as 'NHK World, Radio Japan, Tokyo', off 1250, good signal 3/5/13 (FEINBERG-NY)
- 15215 **GERMANY Radio Oömrang** Oomrang via Wertachtal 1600-1630 with English/Frisian broadcast. ID and interview by male presenter of gentleman that financed the broadcast. Excellent signal. 2/21/13 (Handler-IL)
- 15235 **SOUTH AFRICA Channel Africa** 1700-1800, Africa Digest, transmission ended with Bob Marley song, good signal 1/30/13 (FEINBERG-NY)
- 15285 **SRI LANKA Athmeeya Yatra Radio** (GFA) via Trincomalee 1429 with female presenter in listed Banjara changing language at 1430 to male presenter in listed Haryanvi. Fair signal w/fading. 3/2/13 (Handler-IL)
- 15340 **CUBA Radio Havana** 1945 in FF. (McGuire-MD)
- 15400 **UK EE** 2000 01 15 ID, report on Syria. Fair. (McGuire, MD)
- 15505 **BANGLADESH BETAR** 1415-1429" in listed Urdu with several songs, female presenter and full ID and contact details at sign off. Good signal with Audio hum present during broadcast. Good signal. 3/9/13 (Handler-IL)
- 15512 **OPPOSITION Voice of Tibet** via Dushanbe, Takikistan targeting Tibet/China. Head at 1300 as soon as Firedrake signed off. Weak signal. Frequency measured as 15512. 3/9/13. (Handler-IL)
- 15518 **OPPOSITION Voice of Tibet** via Dushanbe targeting Tibet/China 1323-1325 in Tibetan with music in progress. (Measured frequency as 15518 kHz). Poor signal and NO Firedrake or other jamming. 3-5-13 (Handler-IL)
- 15535 **OPPOSITION Radio Tamazuj** via SMG Vatican targeting the Sudan region 1459 sign on until 1528 sign off in Arabic with male and female presenters and many ids. Excellent signal. 2/21/13 (Handler-IL)
- 15540 **KUWAIT Radio Kuwait** 1930-2002 English broadcast of the Good signal. 2-25-13 (Handler-IL)
- 15570 **VATICAN STATE** 1/14 1800 is, id, African service, PP service, good(McGuire, MD)
- 15580 **USA** 1/14 1900 is, id, African Service. Report on Mali, EE service, good (McGuire, MD)
- 15755 **UZBEKISTAN TWR-India** 1359-1430 listed Hindi with music, female speaker, male presenter in English translated into Hindi, music, female speaker with ID, music and sign off. Fair increasing to good signal. 2/16/13. (Handler-IL)
- 15880 **EURO PIRATE Radio Space Shuttle** 1103-1147 special broadcast. (Turnick-PA)
- 15880 **EURO PIRATE Radio Rainbow** 1309-1337 with Pirate for Peace program. (Turnick-PA)
- 17625 **SAUDI ABABIA BSKSA** Holy Qur'an Program 1349 with male chanting in Arabic. Fair signal. 2/25/13 (Handler-IL)
- 17680 **BOTSWANA VOA** 1512 in Hausa (Parker-PA)
- 17705 **SAUDI ARABIA BSKSA** 1350 with Arabic with man talking and then clip of man chanting then back to man talking,. Fair signal. // 21505 on 2/25/13 (Handler-IL)
- 21540 **KUWAIT Radio Kuwait** 1345 Arabic with two males speaking, one may have been by telephone. Fair signal. 2/25/13. (Handler-IL)

On the Shortwaves

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< www.ontheshortwaves.com > Update, February 24, 2013 -- Under "DX History//POW Monitoring," we have posted "August Balbi's POW Monitoring, Part V," another group of thank you's sent to August Balbi by families to whom he relayed POW messages during World War II. More on POW messages next time.

< www.ontheshortwaves.com > Update, March 3, 2013 -- In recent weeks we have posted some of the thank you letters received by August Balbi for POW messages that he heard on shortwave and forwarded to POW families during World War II. The other half of the communications link is, of course, the original card or letter sent by the listener to the family. A large collection of such cards and letters, received by the parents of Alfred R. Young, who was a POW in Japan during the war, have been posted by Young's son at < http://www.alyoung.com/My_Fathers_Captivity/Documents/ > In "POW Monitoring and the Messages of Alfred R. Young," an article posted under "DX History//POW Monitoring," Jerry Berg takes a detailed look at these cards and letters to see what they tell us about POW message monitoring during World War II. The article is best read in connection with a visit to < http://www.alyoung.com/My_Fathers_Captivity/Documents/ > because many of the cards and letters posted there are referred to in the article. -- Also posted this time, under "Specialized Resources" are two more "Wavescan" entries from Dr. Adrian M. Peterson: "BBC East Mediterranean Relay Station Cyprus, Pt. 1" (February 17, 2013), and "A Wednesday Wireless Event on Thursday" (February 24, 2013).

< www.ontheshortwaves.com > Update, March 10, 2013 -- For the past several weeks we have posted items pertaining to POW monitoring, where SWLs listened for POW messages broadcast from Germany, Japan and other Axis areas and sent them to the POW's family by letter or postcard. This week, under "DX History//POW Monitoring," we wrap things up with a posting of some pages from the wartime NNRC bulletin where the POW monitoring activities of several club members are discussed. -- And under "Specialized Resources," "Wavescan," we have posted another entry from Adrian M. Peterson: "100 Years of Wireless and Radio in Bulgaria, Pt. 4: The Wartime Years" (March 3, 2013).

< www.ontheshortwaves.com > Update, March 17, 2013 -- "QTH Africa" was a SWBC newsletter published in South Africa every ten days or so during the years 1979-1982. The editor was Mike Vcelar, whose location in Pretoria gave him a good window on aspects of the African SWBC scene that might escape the attention of DXers elsewhere. "QTH Africa" also issued special surveys from time to time, and Vcelar's African news was also heard on several DX programs. Under "Specialized Resources/DX Newsletters" we have posted a few "QTH Africa" newsletters from 1980-81, together with a "QTH Africa" list of African clandestine stations and a "QTH Africa" list of African external services. -- And under "Specialized Resources," "Wavescan," you will find two new entries from Dr. Adrian M. Peterson: "Radio Broadcasting in the Land of the Mountain Lion-2 [Sierra Leone]: The Radio Era on Shortwave and Mediumwave" (March 10, 2013), and "An Almost Forgotten Shortwave Station on an American Island in the Pacific" [6XAD] (March 17, 2013).

North American Shortwave Association
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