

The **NASWA** Journal

VOLUME XLVIII NUMBER 3

MARCH 2008

USSR MOSCOW ZONE 16 REGION 170

OK3AAO

RADIO WPE/CYK CFM OWE CW/SSB QSO
 OF 13-576 AT 1157 GMT ON THE 14 MC
 RST 5765
 PSE
 QSL VIA P.O. BOX 21

РАДИО МОСКВА

Dear Mr Barto,
 This verifies your report on the reception
 of the Voice of Russia's broadcast in English!
 Date January 1, 2001
 Time 18:28-18:43 UTC
 Frequency 11510 kHz-via Yerevan
9830 kHz-via Moscow
9890 kHz-via St.Petersburg

Best wishes from the Voice of Russia

USSR

ZONE 16 REGION 170

OK3ACH

MOSCOW

UV36Z

MOSCOW USSR

ZONE №16 OBL №170

Dear Mr Samuel Barto,
 This verifies your report on the reception
 of the Voice of Russia's broadcast.

Date 11/11/2000
 Time 13:27 to 13:39 UTC
 Freq 9100 kHz

We invite you to continue listening. Please feel
 free to write again with comments or question
 about our programming.

Best wishes from the Voice of Russia

USSR GÖRKŸ

ZONE 00 REG 102

UA3TAN-131 UA3TN

TX BAND	DATE	GMT/LOCAL	VI	ASST	EMAY
WCT/DX	27.07.98	5:06	12	—	—

PSE QSL VIA P.O. Box MOSCOW 050 24

QSL Verification Card

Dear Samuel Barto,
 This verifies your report on the reception of the Voice of
 Russia's broadcast.

Date 10.01.2004
 Time 14:00-14:15 UTC
 Freq 13.576 MHz

We invite you to continue listening. Please feel free to
 write again with comments or questions about our program.

Best wishes from the Voice of Russia

MOSCOW '00

UK3SAB

ZONE 16 REGION 169

UA1CS

LENINGRAD

DATE 11.07.2002 TIME 14:00 FREQ 14.110 BAND 14.1

USSR LENINGRAD

UV1AE

ZONE 16 REGION 169

TX BAND	DATE	GMT	LOCAL	ASST	EMAY
WCT/DX	24.09.19	14	—	—	—

44/TXZ QSL via P.O. Box 62 MOSCOW, USSR
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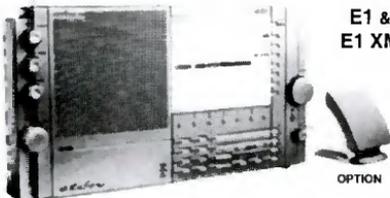
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[07-09]

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Note: The CNP2000 DUO antenna module and XM subscription are sold separately. Activation and monthly subscription fee required for XM.

GRUNDIG YB-300PE

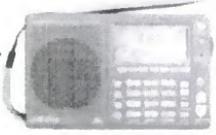
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The **Grundig YB-300PE Professional Edition** is yet another model in the proud Yacht Boy series and offers impressive features and performance Coverage includes: AM and FM plus shortwave from 2.3-7.8 and 9.1-26.1 MHz. Shortwave tuning is in 5 kHz steps (AM is 9 or 10 kHz). FM stereo is provided to the earphone jack. Twenty-four memories store your favorite stations. Direct keypad entry, Band button, scanning plus Up and Down tuning provides rapid access to any frequency. The YB-300 PE features a large LCD display with display lamp for momentary illumination. A built in 24 hour clock keeps you on U.T.C. Time. An adjustable 10 to 90 minute sleep timer turns the radio off even if your fall asleep. Other refinements include: DX-Local Switch, Scan and Lock. The back of the radio even has a flip-out tilt stand. The left side of the radio features the DC input jack, the external antenna input jack and earphone output jack. Includes an AC adapter, vinyl carrying case, carrying strap, plug in external wire antenna, Owner's Manual and stereo earphones. Operates from three AA cells. Titanium colored 5.9 x 3.5 x 1.25 in. 13 oz. Originally introduced at \$99.00.
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It is with great sorrow that we report in this month's column the news of the death of long time NASWA member **John Sgrulletta**. Like everyone else, I was shocked and saddened to read the news about John's sudden passing. A long time club member and a recent addition to the club's Country List Committee, John was well known as a superb shortwave listener/DXer and a reliable reporter of DX news and information. He was a true expert on all matters pertaining to radio and a great friend to many. An avid QSLer, he often opened up

John Sgrulletta, 1947-2008

John L. Sgrulletta of Mahopac passed away on February 12, 2008, he was 60. Mr. Sgrulletta was a Staff Product Engineer in Product Support for thirty-five years at Siemens Health Care Diagnostics in Tarrytown, NY (formerly Bayer Health Care). He was born on July 18, 1947 in Mount Kisco, NY to Angelo and Ruth Rowley Sgrulletta. John served in the US Army during the late 1960's. He earned a Masters Degree in Business Management from Mercy College in Dobbs Ferry. On May 14, 1977 he married Yolanda Murro at St. Columbanus Church. John was an avid short wave radio enthusiast and a parishioner of St. John the Evangelist Church in Mahopac. He is survived by his wife Yolanda Murro and a son John L. Sgrulletta, Jr. of Mahopac. Also survived by several nieces, nephews, great nieces and great nephews. Predeceased by his sister Linda Gorgorian, on October 3, 2007. Visitation is Thursday 2-4 and 7-9 pm at the Joseph F. Nardone Funeral Home, Peekskill, NY. The Funeral Mass is Friday, 11 am at St. John the Evangelist Church in Mahopac. Interment to follow at Oakwood Cemetery in Mt. Kisco. Joseph F. Nardone Funeral Home, 414 Washington Street, Peekskill, NY 10566.

[Obituary from the Journal News of New York's Lower Hudson Valley. Photograph of John taken at the 2003 Winter SWL Festival by Dan Henderson.]



verification targets for the rest of us. His expertise and dedication to our hobby was unmatched. He was always there to respond to questions and share his expertise with other shortwave listeners. Truly an outstanding gentleman, I always enjoyed our conversations pertaining to radio and other matters when I saw him each year at the Winter SWL Festival. John was a giant in our hobby. He will be missed by all of us in the listening hobby. On behalf of the club, its entire membership and the Executive Council we offer our condolences to his family during this difficult time. R.I.P. John...

Our Motto: Unity & Friendship

The Winter SWL Festival is the big event for this month. If you have not registered, you can still do so in person at Fest Central. The Winter SWL Festival is where many club members gather annually for a lot of fun and excitement related to our great hobby of shortwave radio listening. If your schedule permits, you should attend. It is well worth it to meet so many like-minded radio people under the same roof. Our hosts, the Festmeister's, **Rich Cuff** and **John Figliozzi** have developed another outstanding program that should hold everyone's attention and provide ample opportunities to socialize and make new friends. Check out the *Calendar of Events* and *Easy Listening* for the latest details. Last month's *Journal* featured a copy of the registration form, which you can also download from swlfest.com. I look forward to seeing many of our members at Kulpville once again. Stop by the club table where **Ed Mauger** and **Bill Oliver** hold down the fort for a visit. I can usually be found close by.

David Ricquish, a Radio New Zealand International (RNZI) Mailbox contributor and Chairman of the Radio Heritage Foundation, is making a special request of Radio New Zealand shortwave memorabilia. He has been asked by RNZI to produce a special documentary celebrating 60 years of shortwave broadcasting from New Zealand since September 1948. He is looking for any old audio recordings of RNZI shortwave broadcasts, any old program guides or frequency schedules, old QSL cards, old newspaper or magazine clippings, any interesting stories about the station, personalities, or photos. Please write and tell him what you have, as it may help with the research involved over the coming months. If it's audio, please advise the format [tape, cassette, CD or whatever] and if they're photos, please send a short list. David is especially interested in material from outside New Zealand, and reception by listeners over the years in Europe, North and South America, Asia, Africa and the Middle East. Please contact David at P. O. Box 14339, Wellington 6241, New Zealand or e-mail at info@radioheritage.net.

Sean Gilbert of the *World Radio Television Handbook* (WRTH) Editorial Team announced that a file containing updates to the winter

schedules of international broadcasters is now available to download from the WRTH website at: <http://www.wrth.com>. The file is in pdf format and runs to 9 pages with a file size of 81kB. You will need the free Adobe Acrobat reader (version 5 or above) in order to view the file. Thanks Sean and the WRTH Editorial Team for this useful update. **Jerry Berg** noted that after a seven-month hiatus, WRTH has resumed posting "National Radio" updates on the "WRTH Monitor" section of its website http://www.wrth.com/updates_national.html. Thanks JB for passing along that information.

Radio Heritage Foundation (www.radioheritage.net) is featuring "California Radio Dial 1928" on its website which is essentially a snap shot of the state's radio dial that month, not only listing many long gone radio calls, but adding some colorful art work from the stations themselves. Hard to believe but not one single station broadcast north of San Francisco, and nearly one half of all the stations that were on air served the Los Angeles radio market. The two most powerful signals in the entire state were KFI Los Angeles even then at 640 AM on the dial, and KGO San Francisco at 780 AM on the dial. The 'California Radio Dial 1928' is part of an ongoing series relating radio broadcasting to the culture of the times. For an entertaining and nostalgic look back at a California fast disappearing into history, this fun article is worth the time. It's with hundreds of others at www.radioheritage.net. While not shortwave, it is an important piece of radio history that the Radio Heritage Foundation does a good job of preserving. For those unfamiliar with the group's work, the Radio Heritage Foundation is a registered non-profit organization operated entirely by volunteers. It carries out research and publishing into connected aspects of radio heritage and popular culture across the entire Pacific region. Contact details are at www.radioheritage.net. The media contact is David Ricquish, Chairman. He can be reached at info@radioheritage.net.

NASWA is helping with the 2008 celebration of the tenth anniversary of the *Euro-African Medium Wave Guide* (EMWG). Herman Boel and the EMWG <www.emwg.info> will hold a special quiz contest in collaboration with

the Medium Wave Circle. The quiz will be held in the coming months and will target to reach a worldwide audience. It will be radio related, of course, but not aiming solely at the medium wave enthusiast. Every DXer and radio enthusiast, regardless of location or membership, will be able to participate. The quiz will get a lot of attention including its own web site. NASWA will be donating prizes for the event and we hope many of our members will participate. Here is the latest news direct from **Herman Boel**: "In the coming months the EMWG will celebrate its 10th anniversary. On this occasion a quiz contest will be held, open to everybody, regardless of location or club membership. The quiz, 21 questions, will deal with many radio aspects, and will not solely cover medium wave. The contest dates have been set to 01 March 2008 through 30 April 2008. A special web site has been set up for the contest: www.emwg-contest.org. Please feel free to have a look. So as of 01 March you will be able to see/download the quiz from the web site. Until then you can see what prizes have been added for the participants. There you will find the information on schedule, prizes (for now), sponsors, etc. As participating is (really) more important than winning, some prizes are given randomly to entrants. Finally, I would already like to thank the following sponsors: Medium Wave Circle, Danish Shortwave Club International, RadioVisie, and NASWA." This contest looks like an interesting opportunity for a little radio fun that I am sure members will appreciate.

Robert Kipp informs us that Radio St. Helena has changed its QSL address. The P.O. Box number will change from 24 back to 93 for all reception reports and letters in future to Radio St. Helena. Any mail sent to Post Office Box 24 will still be received at RSH, but RSH would like to change back to using only one Post Box for any future correspondence. "Many thanks and with best greetings to all SWLs everywhere," Miss Laura Lawrence, Station Manager of Radio St. Helena. Also, Radio St. Helena is offering 40th anniversary souvenirs that are available direct from the station for those interested in these items. See the announcement elsewhere in the *Journal*.

The newly formed Reading Area DXers has another meeting scheduled just before the Winter SWL Festival. The usual agenda consists of informal discussions, passing around some old radio related magazines, and some food and drink. Nothing fancy but a lot of fun. The group's next meeting is scheduled for February 29, 2008 at The Flying Dog in majestic Earlville, PA so if you would be interested in attending please contact me so I can get you on the Reading Area DXer distribution list. That way any changes in time, date, venue, etc can be rapidly transmitted to all concerned. Meeting with fellow hobbyists is a great way to add enjoyment to our fine hobby.

Speaking of local group meetings, **Dan Cashin** is looking into pumping some life back into our Philadelphia Chapter. It is time to re-energize the Philadelphia area meetings. Dan would love to hear from members interested in getting another round of meeting off the ground. Remember, everything is fair game from location, to starting time, to format, etc. If you have an interest, please contact Dan Cashin ((Dcsckp@aol.com or 610-446-7831). Let's see if we can get the Philly area back up and running in 2008. Please contact Dan with your thoughts, comments, suggestions and ideas.

In another sad tale about our favorite medium, shortwave radio, **Wolfgang Bueschel** informed us just before the column closed that Radio Sweden's German service on the medium wave frequency of 1179 kHz, shortwave on 6065 kHz and local Stockholm FM ends after 69 years in service on March 29, 2008. The report originates with Radio Sweden's German language website <http://www.sr.se/rs/red/ind_tys.html>.

Here is the latest information we have on the European DX Council (EDXC) meeting scheduled for Vaasa, Finland from 5-7 September 2008. The 2008 EDXC Conference will be conducted primarily in the English language, with a few events in Finnish for the local attendees. The exact conference location is expected to be the Best Western Silveria hotel about two kilometers from the city center. The Silveria has good conference facilities, but a limited number of rooms, so

there are also other hotels in the Vaasa area where attendees may also stay. The organizers are preparing a conference package that is expected to cost around 200 euros per person which will include two nights of accommodation (double occupancy), conference fees, city tour and the traditional banquet. Fees may be paid by credit card. The conference will run from Friday evening, Sept. 5, until around noon on Sunday, Sept. 7. The city tour will be on Saturday, Sept. 6, and will include lunch and a visit to the new UNESCO world heritage area located between Finland and Sweden. A welcome reception will take place on Friday evening. Among the activities during the conference will be seminars on the latest developments in software-defined radios, a tribute to the Finnish DX Association's 50 years, presentations by shortwave stations, quizzes, an EDXC business meeting and more. There will be exhibitions of shortwave receivers, stations, QSL cards, photos, stamps, etc., plus a shortwave listening room and PCs with Internet connections. The annual EDXC banquet will include awards, a raffle of shortwave-related items and an auction. A local shortwave station—Scandinavian Weekend Radio—will take part in the conference. The station broadcasts once per month for 24 hours. The EDXC organizers are arranging an optional tour after the conference. Four options are being considered for the tour; only one will be chosen. More information on the 2008 EDXC Conference, as it becomes available, will be found at the website www.netikka.net/edxc2008 or you can contact **Risto Vahakainu** by e-mail at risto.vahakainu@helsinki.fi.

We are in the midst of the DX season and it appears the sunspot count will be moving upward. Are you getting the latest hot information about what is happening on the shortwave bands? Having the club's electronic *Flashsheet*, now over 300+ issues

old, in your hands each week you will be up to date with news and information about the DX scene as the season progresses. If you have not signed up for the club's electronic *Flashsheet* service, you are missing out on timely news and information that will enhance your shortwave listening pleasure. It is now time for you to get on the distribution list for the club's electronic *Flashsheet* to stay up-to-date. The changing DX conditions will bring different DX opportunities and new listening targets. The club's electronic *Flashsheet* helps members stay on top of the action with breaking shortwave news and information. If you are a current member of the club and want to receive the electronic *Flashsheet* just drop **Rich D'Angelo** (rdangelo3@aol.com) a note with your e-mail address, location and membership expiration date from your mailing label. You can participate by sending your latest logs to the electronic *Flashsheet* edited by **Mark Taylor**, markokpik@tds.net. Each week the electronic *Flashsheet* brings a lot of exciting, late breaking DX news and information to our members. The electronic newsletter is an excellent supplement to the monthly *Journal* for the timely dissemination of DX loggings and breaking news. This is a service that is only available to our members. Deadlines are posted in the *NASWA Flashsheet* each week.

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

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

Visit the NASWA Loggings Database at www.naswa.net/logs/. It contains loggings from November 1998 to the present.

The Loggings Columns depend on your contributions. Send them in.

Calendar Of Events

- Feb 29 Meeting. The Reading Area DXers** will hold another meeting at The Fly Dog in majestic Earlville, PA (Route 562 and Airport Road). Members gather around 5:30 PM near the bar area before heading into the restaurant for dinner and further discussions. Contact Rich D'Angelo (2216 Burkey Drive, Wyomissing, PA 19610; 610-678-0937; rdangelo3@aol.com) for further information about future meetings.
- Mar 7-8, 2008 Convention. The 21st Annual Winter SWL Festival**, sponsored by NASWA, will be held at the Best Western—The Inn at Towamencin on 7th and 8th March 2008. Richard Cuff and John Figliozzi co-chair the organizational committee. Although it is early, you don't want to miss this special FEST event. See you there!
- Mar 14 Meeting. Philadelphia Area NASWA Chapter.** Kulpsville Holiday Inn, Kulpsville, PA at 7:30 PM. For more information contact Dan Cashin at 610-446-7831 or Internet: dcsckp@aol.com. Dan is looking to re-organize these gatherings so please contact him to re-establish these meetings.
- Mar 14 Meeting. Boston Area NASWA Chapter.** The Boston Area DXers have found a new location for meetings. Inquiries about the BADXers may be sent to Paul Graveline at 978-470-1971 or Internet: ctcreditor@aol.com. The URL for the BADX guys is <http://www.naswa.net/badx/>
- Mar 17 Meeting. Tar Heel Scanner/Shortwave Listening Group.** Red, Hot and Blue restaurant, 6615 Falls of the Neuse Rd., Raleigh, NC. Dinner @ 6:30PM, meeting @ 7:30PM. Meetings the 3rd Monday of each month. Info, Curt Phillips, 919-773-4522, <mailto:curt@nerdster.net>curt@nerdster.net.
- Mar/Apr Contest. The Euro-African Medium Wave Guide (EMWG)** will celebrate its 10th anniversary. On this occasion a quiz contest will be held, open to everybody, regardless of location or club membership. The quiz, 21 questions, will deal with many radio aspects, and will not solely cover medium wave. The contest dates have been set to 01 March 2008 through 30 April 2008. A special web site has been set up for the contest: www.emwg-contest.org.
- Apr 12 Meeting. The Cincinnati/Dayton Monitoring Exchange (MONIX)** meets at the Lebanon Citizens' National Bank (LCNB), 425 West Central Avenue (Ohio 73), Springboro, Ohio at 7:00 PM. For more information contact Mark Meece at 937-743-8089 or e-mail at <antennapig@siscom.net>. For additional information about MONIX, check out their web site at <<http://www.siscom.net/~mmeece/monix.html>>
- Aug 16, 2008 Convention. 2008 Madison-Milwaukee Radio Get-together.** The 15th Annual Madison-Milwaukee Get-together for DXers and Radio Enthusiasts will take place on Saturday, August 16, starting at 1 PM CDT. This year's venue is Milwaukee WI, and Tim Noonan will be hosting. Further information will be released as it becomes available.
- Sep 5-7, 2008 Convention. The 2008 European DX Council Conference** is scheduled for Vaasa, Finland on 5-7 September 2008. Former EDXC Secretary General Risto Vahakainu of the Finnish DX Association is coordinating the event. Their website is under construction at <http://www.netikka.net/edxc2008/>. Further information will be made available at a later date.
- Sep 12-14, 2008 Convention. The 2008 IRCA Convention** will be held at the Days Inn in Flagstaff, Arizona on Route 66 from 12 to 14 September 2008. Room rates are \$65.00. There will be station tours, an auction and a banquet. Further information will be released as it becomes available.

Sep 26–28, 2008 Conference. The Pacific Radio Conference to be held in Wellington, New Zealand on 26-28 September 2008. You'll find more information about the conference at www.radioheritage.net. Please email info@radioheritage.net or write to the Radio Heritage Foundation, P. O. Box 14339, Wellington 6241, New Zealand.

Oct 3–5, 2008 Convention. The New Zealand Radio DX League will hold its 60th Anniversary celebration from 3 to 5 October 2008 in Oamaru, New Zealand. The program will consist of the 2008 Annual General Meeting, a celebratory luncheon and opportunities for DXing. More details to follow.

Mar 13–14, 2009 Convention. The 22nd Annual Winter SWL Festival, sponsored by NASWA, will be held at the Best Western—The Inn at Towamencin on 13th and 14th March 2009. Richard Cuff and John Figliozzi co-chair the organizational committee. Although it is early, you don't want to miss this special Fest event. See you there!

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

FRENDX: Twenty-Five Years Ago (March 1983)

In the Roll Call column, Bill Oliver welcomed 116 new and rejoining members including Mark Connelly, Dave Hammer, Ron Hopkins, Ken MacHarg, Mark Mohrmann, Jim Renfrew, and Joe Talbot. In the Shortwave Center, John Herkimer interviewed Dan "whatever needs to be done" Ferguson, Part 4 of Don Jensen's "On to the Top" focused on identifying rare stations, while John Moritz covered "On Helping Out" in the It Sounds to Me feature. In Technical Topics, Ed Shaw discussed the variable capacitor, measuring AC current with an AC volt-ohm-meter and interference from television receivers. In Vintage Vignettes, Bill Taylor wrote about understanding power supplies. Sam Barto noted that 106 countries were reported to the QSL Report column and that the economy may be picking up based on QSL activity. Over 150 members contributed to Editor Jerry Lineback's Scoreboard column with 27 reporting 200 or more countries heard and 10 reporting 200 or more countries verified. Stu Klein noted in Log Report Section A that he completed his first year as editor. Jerry Berg's Log Report Section B featured Radio Arequipa from Peru on 5,949 and La Voz de la Selva in Colombia reappearing on 6,170. In "Log Reporter" column, Nick Pappas noted that 69 members contributed including Brian Alexander, Charles Bolland, Paul Buer, Richard D'Angelo, Marlin Field, John Fisher (MA), Bob Fraser, Ron Howard, Hans Johnson, Kraig Krist, Chris Lobdell, Fritz Mellberg, Kevin Mikell, Don Moman, Sheryl Paszkiewicz, Nolan Stephany, Dave Valko, Robert Wilkner, and Richard E. Wood. 

Contribute!

Send your loggings and QSL information off to our Distributing Editor, **Bob Montgomery** (Address: 4621 C Street, Philadelphia, PA 19120). **Note: this is a new postal address as of July, 2007!** He will forward them to the appropriate editor. Remember, Bob also distributes QSL report information and totals for the **Scoreboard** column. He can also be reached through the Internet at: rmonty23@verizon.net.

Musings

George Maroti <curious.george@att.net>, Mt. Kisco, NY

It is with great sadness and sorrow that I report the passing of my good friend John Sgrulletta on Tuesday evening, 2/12/08.

John was well known in DX circles, as from 1958 he pursued almost everything that wafted through the ether. Longwave, mediumwave, shortwave, FM, and TV were among his DX pursuits, and he was an avid QSL collector. I was always amazed at his focus and persistence when it came to verifying a new country. He taught me a lot about follow-ups, although I never went to the extremes John would go as he'd even call the radio station, never mind that it might have been in Papua New Guinea!

I still remember the first time that I spoke to John on the phone. I had written him a letter, hoping that he would contact me and give me some advice regarding our DXing hobby. Unexpectedly, the call came at work, and when I heard "this is John Sgrulletta" I was just so happy and full of excitement! It was a rather bold move by John, as he had no way of knowing who I was, or whether I was a "wacko" (and there are quite a lot of those in our hobby).

We all know that DXing is a solitary type hobby, which we enjoy and spends hours at in the darkness by the glow of our radios. However, becoming good friends with John really added so much more enjoyment of our hobby for both of us.

Over the years, we talked about more than just radio, and I got to know John as more than just a top-notch DXer. He was a wonderful, devoted family man, deeply religious, and very considerate of others and their feelings.

I really enjoyed our annual trips to the SWL Fest in Pennsylvania. The 3 hour car ride, would seem like only a matter of minutes as we always had so much to talk about. John and I were both creatures of habit, and we both took great comfort in our annual routine.

I'm really going to miss him, and will always think of him every time I tune my radio. Hearing a new station or country will never be the same for me, as I won't have John anymore to share that excitement with.

Please have John, Yolanda, and Johnny in your thoughts and prayers. <http://www.nyjnews.com/obits/Obit1.php?pid=2452479>.

George

David Palitsch <dpalitsc@nycap.rr.com>, New York

Dear John,

I am now so very sorry that I did not do a better job of keeping in touch with you. As you know, I attended your funeral yesterday. My tears were real my friend. I will miss you very much. I wished I could have consoled Yolanda ... I only hope that my being there helped your family in some small way.

I never told you how I admired the way you conducted your life. Not just the SWL part, that's a given. Your demeanor was always so mature, even-tempered, genuine and honest. But what stands out the most, was and will forever be, is your humility. I know that whenever I think about you and pattern by actions after you, I will be a better man.

That my friend, is the greatest gift of all. Thank you for being in my life. You were a gift from God and one I will cherish always.

In your honor, I promise to be a better friend to George. He, like you, is one of the finest men I have ever met. I just wish I could have given you more.

So for now, rest in peace John. If anyone deserves to be in Heaven, it's you.

Your friend, Dave

P.S. Please accept this as, well a QSL verification that you truly made a difference in the world.

Pedro M. C. de Castro <pedroc@cra.inpe.br>, São Paulo, Brazil

I will let you know how my Friday started and finished.

I work in a large room, together with four persons. One of them is a young woman named Claudia. She was very happy that morning, because she would travel to São Paulo after lunch and take a plane in the night to Recife, Pernambuco, on vacation. I told her: "If you find those tourist folders and pamphlets which normally exist in airports, hotels and travel agencies please bring some of them to me. I will send them to an old friend in the United States".

The next minute I switched on my computer and read your message about John. I got paralyzed; couldn't believe my eyes. All I could do was read it again, again and again, until I realized that I was not crazy nor having a nightmare. Believe me, it was very, but very difficult to tell Claudia that the tourist folders no longer would be necessary.

I will be on vacation for 20 days starting in March 24, so I considered the possibility of a brief stay in New York and a visit to John's tomb in Mount Kisco, in order to thank him for our long friendship and to take him some flowers.

After a sad day, I arrived home around 6 PM and looked for my passport. I checked my U.S. visa and noticed that it expired on 12 Feb 2008; precisely the day John passed away. I felt like he was in front of me saying goodbye.

It's necessary to point out here that I studied and lived in a college built by John's father, located at foot distance from his job. So many coincidences for just one person, living so far away from me. And we are not talking about Monaco or San Marino, but about the United States.

Below is the English version I posted in DXCB's (*DX Club do Brasil - RAD*) list, in order to inform about John's decease. Probably it will not transmit the same feeling as in Portuguese. Please feel free to update grammar errors.

"Dear friends:

With the deepest sorrow I inform that John Sgrulletta, our friend and a DXCB's friend, has passed away.

I said "our friend" because even those who never met him would become friends as soon as they get introduced.

John was a very special type of human being and I always asked myself how he could conciliate his job and family with so vivid activity in the world of radio, besides arranging time to devote lots of attention to his friends, and I was one of them.

I wish to express my solidarity to his family and our friends at NASWA and Cumbre DX for this privation that cannot be replaced.

Our gratitude to John for doing his part to turn this world into a more human world".

I will inform the link of John's obituary in our mailing list (I wrote some words on Friday).

Enough of sorrow today.

Best wishes for both of you (*Pedro's note was sent to George Maroti and Rich D'Angelo for inclusion in The Journal*).

Pedro

Jerry Berg <jsberg@rcn.com>, Lexington, MA

I am shocked by this unexpected news. I met John Sgrulletta for the first time a couple of years ago at the Fest and really enjoyed his company. He went back a long way in the hobby, and he was my kind of guy. He joined the NASWA Country List Committee just a few months ago.

Tnx for letting us know, George.

JB

Bruce Churchill <b.churchill@delcan.com>, La Mirada, CA

Truly a surprising and sad loss for our hobby—John will be missed by those of us who knew him for the many years he excelled in this pastime. It reminds us that although we are in some ways a solitary hobby, we are connected in many ways to others pursuing the same thrills, disappointments, triumphs and fellowship. Without those we bond with in this hobby, our enjoyment of "chasing the ether" would be empty indeed.

Bruce W. Churchill

Horacio Nigro <hanigrodx@yahoo.es>, Montevideo, Uruguay

My good... I'm shocked...

Have just sent a protest message to Nora San Martin de Porro the owner of "Banda Oriental". They never wanted to QSL John Sgrulletta's first US reception of that Uruguayan SW station. I helped him with no luck, several times... It's too late Mrs. Nora.

Horacio

Dan Henderson dandan22@verizon.net , 7921 Anfred Drive, Laurel, MD 20723-1136

This is truly a great loss for the hobby. John Sgrulletta was helpful to all who asked, and he surely gave me many tips over the years. I agree with George—the issue of follow-ups were made much easier by John. I would suggest you all leave some words at the URL that George included in the email.

While I'm not going to be able to go to the fest this year, it was always a pleasure to see John there. He will truly be missed.

Dan

John Herkimer <jherk@netacc.net>, Caledonia, NY

This is such sad news. I can't think of anyone with a deeper love of radio than John Sgrulletta. He really was a "good guy" that would do anything for you. Rest in peace, friend.

Herk

Bob Wilkner <rlcw@earthlink.net>, Florida

A good person who will be in our thoughts and prayers. We are connected through our hobby and good lasting friendships. Condolences to his family.

Bob

Don Jensen <dnjkenosha@wi.rr.com>, Kenosha, WI

John's death comes as a huge shock! I had not known him, except by his excellent reputation as a DXer, until only a matter of weeks ago, just over two months, now. Then I invited him to join the NASWA Country List Committee. Since then, I had the occasion to exchange numerous emails with him about CLC matters. Not only was he an excellent DXer, I found him to be intelligent, thoughtful, analytical, a man of reason and common sense. On a personal level, I found him to be a good soul! I felt that with more contact he would have been a genuine friend, as well as a valued colleague. Another star the DX night has flickered and gone out. But we will remember his light!

--don.

Mike Wolfson <mwolfson@comcast.net >, Oregon

Oh wow...that is bad news. I had met John at a couple of get togethers and enjoyed talking with him. Condolences to his family.....

Mike

G. Victor A. Goonetilleke <victorg@slt.lk>, Piliyandala. Sri Lanka

As the messages crisscrossed I was asleep and when I opened my mail this morning I knew things were going to be sad. I can only agree with all those nice sentiments expressed. I had the great fortune of meeting him and George at the SWL Fest and I am so happy that I got to know him and exchanged many e-mails. Even before I read the other mails I went to the obituary page and signed the guestbook.

Goodbye to a wonderful person who made that much of a difference to our hobby by being there for us. May his soul rest in peace.

Victor

Scott R. Barbour Jr. <srbjrswl@yahoo.com>, Intervale, NH

This is sad news. RIP John.

Scott

Bob Hill <hill.writer@verizon.net>, MA

Very sorry to learn of John's death. Although I never met him, I was always impressed by his outstanding DX reports and his enthusiasm for the chase. Our hobby is much the poorer for his passing.

Bob

Larry Yamron <lyamron@us.ibm.com>, Pittsburgh, PA

Although I never met John in person I had traded e-mails with him from time to time and I could tell you that not only was he a top notch DXer but he was a gentlemen as well. John was one of the good-guys in this hobby and will be greatly missed.

Larry

John M. Fisher <Harmppman@aol.com>, North Chelmsford, MA

I just came home from work and was saddened to read the e-mails of John's passing.

I enjoyed talking with John at the SWL Winterfests. He always had an interesting story to share about a DX catch or snagging that elusive QSL. My condolences to his family and also to George. It is sad to lose such a wonderful friend.

Take care, John

Edward Kusalik <ekusalik@telusplanet.net>, Coaldale, Alberta, Canada

I met John in person at the last Winterfest that I attended. I had traded e-mails with him on from time to time and John was quite impressed on the some of the DX that I have heard (especially on Indo's). This is truly a lost to the DX Community ... definitely one of the good-guys in this hobby and will be greatly missed by one and all.

My condolences to the family.

Edward

Dr. Mark J. Ferrioli <Drmarkjf@AOL.Com>, P. O. Box 5000, Philadelphia, PA 19111

I would very much like to call your attention to a very unique radio show: 'Marion's Attic' which airs from 9 to 10 P.M. EST on WBCQ, the Planet 7.415 MHz! 'Marion's Attic' has aired over WBCQ, the Planet, broadcasting from Monticello, ME, since September 21, 1999 and features music from the 1890's to the early 1930's. Each week's show has a different theme ranging from the playing of early brown wax cylinders, 1920's dance music, two-minute wax records, Blue Amberols, and Diamond Discs. All played on original equipment from both before and just after the 'Electronic Era' such as on a 1898 Edison Home phonograph for brown wax cylinders, 900 Columbia Graphophone AG for Concert Cylinders, 908 Edison Standard Model D phonograph for 2 & 4 minute wax cylinders, 913 Edison Amberola V phonograph for Blue Amberol cylinders, 923 Edison London Upright phonograph for Diamond Discs and a 1965 Gerrard electronic turntable for 78 rpm records. Much of the recordings played on the show would have been among the very first broadcast over the radio in its earliest history. What a listening experience! Truly like going back in time! 'Marion Webster' (A very warm and lovely lady) hosts the show along with her faithful friend 'Kristina' (Whom I have met in the past) and Marion's beautiful cat 'Electra' (Heard to purr occasionally over the microphone)! All of the shows are recorded slightly in advance of their individual broadcast in 'Marion's Home Attic' located in Coventry, CT. Everyone is invited to enjoy a 'Cup of Coffee and a Piece of Cake' as you draw up to the side of your favorite SW radio for an hour of pure old time listening enjoyment! Why not tune in yourself sometime soon. You'll quickly become a regular fan. Check out 'Marion's Web Site' at: <http://members.aol.com/marionweb/>

Jim Meyer <jwmeyer52@hotmail.com>, 26760 Heatherford Dr., Perrysburg, OH 43551

I am returning to SWL after many years away from it! It was a pleasure that I sorely missed when I was away from it! I had my first shortwave radio when I was 10 years old (1962). It was a Philco—not sure anyone remembers it. I forgot the exact model. It was a floor model that had a loop antenna (several solid copper wire loops about 3' by 2') below

the receiver. Believe it or not, it did a respectable job of receiving SW from around the world. I suppose, though, that the majority of stations in those days used high power—but I do not recall. But I certainly enjoyed it!

I bought an ICOM last fall. Haven't decided on what kind of antenna to settle on yet. I am using a single wire about 50' long that goes from my second floor listening post up into the attic. Don't have good reception and do have too much noise. My house is close to a commercial area (about 400') so noise will probably be a problem no matter what I do. Anyway, it was an experiment to see what was on shortwave (I also subscribed to NASWA a few months prior to buying anything) and what kind of noise/reception I would get in this location.

I have been reading the NASWA's internet site and found it to be EXCELLENT! Keep up the outstanding job! My thanks to all on the staff who obviously work very hard!

The Flashsheet looks great! I don't understand all of the abbreviations—most though.

George Herr, California

I don't know why 120m and 90m were suddenly open. We have had a lot of rain and perhaps it washed off the powerlines and increased the ground conductivity under by antennas. Anyway instead of noise I all of a sudden had stations at readable levels. Guess that's what keeps us trying.

Ron Howard Monterey, CA

We should still probably check for activity on 4905, but seems they are now off the air. Per: <http://ukpress.google.com/article/ALeqM5jS6eJgA5L8ruiFMp0YUtBY5YxlzA> (here is a brief excerpt, see website for full story): Rebels put Chad radio off air: Chad state radio went off the air as rebels advanced into the capital, opposition leader Ibni Oumar Mahamat Saleh said. He made the claims in a telephone call from the central African nation's embattled capital, N'Djamena. He said there were no soldiers in his neighbourhood and the state broadcaster had gone off the air in the morning.

A reminder that the Chinese New Year is approaching. It's year 4706 on the lunar Chinese calendar, the year of the Rat, which begins on Feb. 7 (in Shanghai, that would be Feb. 6, at 1600 UTC). Other Asian countries also celebrate, such as Solnal, the Korean New Year, and Tet, the Vietnamese New Year. It's a good time to make plans to monitor stations from these countries, as well as other Asian stations, to see what special programming they might have and possible extended schedules.

Another SW station is gone! Was very disappointed to read in DX-Window No. 343 that R. Tikhyy Okean, via Vladivostok, is no longer broadcasting on SW, this per the new WRTH Update (Feb 2008) <<http://www.wrth.com/files/WRTHB07SchedulesUpdateFEB2008.pdf>>. Even the Primorskoye Radio/R. Tikhyy Okean website is no longer available, completely gone! This would of course explain why R. Tikhyy Okean has not been heard for a while now. For me, they were consistently the strongest Russian SW station on the air and I especially enjoyed the Russian folk songs and ballads that they played. They will be missed!

Jim Ronda, Tulsa, OK

The morning of 1/27 was an exceptional with reception of two PNGs. This is the first time I've heard R. Manus and R. West New Britain since my DX days in the 1970s in Ohio. Perhaps the anti-PNG shield here in OK has a crack or two in it! Such surprises make the hunt all the more worthwhile! Thanks to Mark Taylor and Jerry Strawman for our fine listening sessions this week.

2/08 provided exceptional openings to India and Africa. I had not heard so many AIR regionals since living in the UK. Jerry Strawman and Mark Taylor were especially helpful in identifying the AIR regionals heard here in Tulsa. Africa remained strong from late on 2/2/08 to early on 2/3/08. Angola and Burkina Faso provided lively African music in the 2240-2345 period. And hearing Chad during the attempted military coup was intriguing for what was not said; perhaps the station was playing EZL music to calm the fears of the citizenry! On 2/3/08 around 0420 all the 90 meter Meyerton relays (BBC, Channel Africa, and R. Sonder Grense) and BBC-Meyerton 7120 were at very strong levels; at bit earlier, at 0345, BBC-Meyerton on 6005 was also at fair-good levels.

And as always, thanks to Mark Taylor and Jerry Strawman for being such good listening companions. The Madison, Wisconsin-Des Moines, Iowa-Tulsa, OK listening network continues to be great fun. Thanks to quick e-mail connections it really is possible to have coordinated listening sessions. We urge others to try these stay-at-home DXpeditions.

Jerry Strawman, Des Moines, IA

Propagation Gods were smiling this weekend with pipelines to PNG and India. Let's hope these conditions are repeated regularly.

Mark Taylor, Madison, WI

Thanks to Jerry Strawman and Jim Ronda for the excellent joint listening sessions in the morning, especially on 2/2/08. They helped me stay on course while Indian regionals streamed into Southern Wisconsin an exceptional morning here.

Toshi Ohtake <ohetaket@yahoo.co.jp>, 5-31-6- Tamanawa, Kamakura 247-0071, Japan

We are issuing new QSL card symbolizing the year of mouse in the 12 zodiac signs. For the first 20 reports we will issue hand-painted cards, instead of normal printed ones. So please hurry in sending in your reports, directly to me. T. Ohtake, 5-31-6- Tamanawa, Kamakura 247-0071, Japan. JSWC DX reports are heard in Wavescan program of AWR on the first Sunday and DX Partyline of HCJB on the 4th Saturday. These program are also heard through WWCRC and WRMI.

Second topic is the time change for Japanese service of RAE, Radiodiffusion Argentina al Exterior. RAE Japanese service is the most difficult station to hear in Japan. The station changed its broadcast hour from the end of the last year. Now they broadcast from 09:00 to 11:00UTC, one hour earlier than before. Frequency is 11710kHz, and this gives us more chances to hear this station, because of less interference around 09:00.

This is all for this month and wishing you good DXing!!

Tom Reed <stksnbnds@verizon.net>, Bryan, Ohio

I just received my Feb. issue of the NASWA Journal. Having been a member off and on from the 70's to now, I can only say that I was totally amazed how much Bill and Sam aged....and I did not! It's a damn miracle, but I swear to you that I look just like I did in 1978! In 1978 I was 28 or 29, depending on the month you are looking at, and I look exactly the same!

Poor Bill and Sam. But, on the positive side, Bill you got rid of the horn rim glasses. Sam, well, what can we say? You are ever so much cooler today than then. Bill, still taping with the ole reel-to-reel? I actually wish I still had mine. Probably worth more today than it was back then.

Great pics, guys. Wonderful.

Sheryl Paszkiewicz <spaszdxer@comcast.net>, Manitowoc WI

I enjoyed Stephen Price's musing about special Christmas DX. Though I somehow lost the first 12 years of my logs, I do remember tuning in on a Christmas Eve, 1984 I believe, just before 2200 and hearing the sign off of Voice of Hope from Lebanon on 6215. That was the only log of Lebanon I ever got which QSL'd. Caught them at the tail end but heard enough to prove it was them.

Glenn Hauser, Enid, Oklahoma

An mp3 file of R. Solh music, 29 minutes, 6836 kb, 32 kbps, 22 kHz, recorded in late January at 1419-1459 UT on 15265 via UK, with announcements removed, is now available for all to enjoy at <http://www.w4uvh.net/sohl0801.mp3>. If anyone can identify any of the music, please let us know as it would be nice to obtain CD quality recordings of it. The second piece is partly in English.

Stephen J. Price <vinyltocdr@msn.com>, Johnstown, PA

Radio St. Helena 2007 was a very special one this year. I was able to share it with my newborn son of two weeks old, Noah Scott Price. It was a very special day for us. Between bottles and diaper changes we enjoyed the programming and had a good Father-Son experience. During RSH Day 2007, I took some time to think way back about all of my radio related hobbies that I have experienced since age ten in 1980. In my mind, I suddenly became aware of the incredible amount of hours spent in this exact spot over the past 28 years. The thought of sharing one of my most beloved pastimes with a son never really entered my mind back then, much less even a year ago. It seems like just a few years back when I was perched at this exact desk with my new \$49.99 Realistic DX-66 portable shortwave radio and Grandma's Detrola AM-SW tombstone. My room had wires with alligator clips strung all over the place. I remember we had a yard sale one Saturday morning. Mom and Dad promised if I help carry stuff, sell some old toys, and help clean up, I could have some yard sale money to add to my savings to buy that terribly expensive DX-66 for \$49.99 plus tax.

If a person really thinks about it, twenty-eight years is a long time. When I look at Noah, I see myself and come to realize how much radio has changed from my introduction to radio in 1980 to the present day. It will be very interesting to see how radio, and especially how shortwave radio will change by the time Noah is my age. With the internet streams, satellite radio, and digital broadcasting, I think I may have the answer: "What kind of radio, Dad?" Hopefully, that question will not have to be up for discussion in the Price house. I am working him into our hobby very early.

Noah and I have already experienced some good DX. We recently enjoyed (or at least I tried to enjoy...) Tikhy Okean in the early morning during a fit during a very unsettled night. We heard Chad with religious programming on Christmas Eve before Noah's baptism, along with Angola and Madagascar's fantastic weekend opening in late January. We regularly tune in to Cairo for some music and a few other stations for program listening. Hopefully, there will be many more good DX sessions to come with the beginning of the new solar cycle. After the reception of Angola and Madagascar a few weeks ago, there may be hope. In closing, I hope everyone can take some time to bring the hobby to the children and grandchildren. Even if it is for just three minutes between satellite television, the internet, IPODS, cell phones, gaming, chatting, and texting, there just may be another generation ready to appreciate our hobby.

Richard A. D'Angelo <rdangelo3@aol.com>, 2216 Burkey Drive, Wyomissing, PA 19610
Cool, clear weather was the forecast for our last DXpedition with no wet conditions expected. There were reports of hot PNG activity the two mornings prior to departure so I was looking forward to our final outing to French Creek for the season. I arrived a little after 1500 local with Fred Kohlbrenner already set up listening to Madagascar on 5,010 kHz. Ed Mauger arrived shortly before I did so we unloaded our gear and ran antennas to catch up with Fred. Rich Cuff, our scheduled fourth, was a "no show" because of dual heavy workloads at the office and at home.

Afternoon conditions featured outstanding reception of African stations. Ethiopia on 7,110 kHz with a nice signal at 2100 sign off and Liberia on 4,660 kHz at 2232 sign off as well as previously mentioned Madagascar. Three Indonesian stations appeared rounding out the afternoon (RRI Kendari, RRI Makassar and RRI Fak Fak) with the 2200 UTC news from Jakarta booming in on 4,750 kHz. It was very enjoyable. Later some Chinese stations added another dimension to the listening activity as did Ed's discovering a long wave opening with Spanish Morocco audible on shortwave and long wave simultaneously. Latin America was quiet but I did note XERTA active on 4,800 kHz under CODAR late in the evening. Eritrea disappointed later in the evening with 7,100 audible on an intermittent basis while 7,175 kHz was silent. Both these channels boomed in during our last DXpedition. I stated up much later than planned with Suriname, Iraqi Kurdistan and Malabo offering so good listening opportunities that I couldn't pass up. I just resigned myself that I would be tired all day, hi!

The following morning was a poor showing from Latin America. This has been a bad DX season for Latin stations. Ed noted the A Index was a meager 2 which helps explain the situation. Papua New Guinea made an appearance with Radio Central and Radio New Ireland being the best signals. Fak Fak returned at a nice level around 1130 UTC but not much else was heard from Indonesia. The three 120 meter Aussies were in but not as strong as prior trips. As the sun rose, a few interesting stations popped up including Traxx FM on 7,295 kHz, Sri Lanka on 11,905 kHz and the Aussie weather station on 6,230 kHz. Overall, the morning was less than terrific. Due to family commitments, Fred packed up and headed home while I enjoyed Hindi music from Sri Lanka.

Things began picking up again in the early afternoon with a test broadcast using 7,260 kHz (Wertachtal) and 7,210 kHz (Skelton) noted from Radio television Algiers thanks to an alert from Wolfgang Buschel. Family Radio on 7,160 kHz via Dhabayya made a nice appearance as did Radio Rwanda around 2000 UTC on 6,055 kHz until its 2100 sign off. Ethiopia re-appeared with an outstanding signal at 2020 UTC on 7,110 kHz and a fair signal on //5,990 kHz with terrific sounding Horn of Africa music.

Although the "A" index moved up to "4" from zero, Latin America was still relatively quiet although a few stations were spotted. The banquet was a two man deal this time since it was only Ed and I sharing pasta, meatballs and Texas toast. After dinner Ed enjoyed IBOC crowding out the DX on the medium wave band while I tried my hand at another attempt listening for Latin stations. I had some success with Radio Universitaria on 4,732 kHz from Cobija making it through the RTTY QRM until sign off at 0149 UTC and a few regular Peruvians. Clearly, the most fun was Uganda's opening on 4,976 kHz with its announcer encouraging listeners to wake up while taking phone calls at 0520 local time.

Our final morning was an interesting mixed bag. Although Peruvians seemed noticeably absent from the bands, I was able to get my first log of Radio Tacana on 4,781/5 kHz from Bolivia (thanks to recent logs from Bob Wilkner and Scott Barbour) and Radio Universitario was heard at a much better level. I had a tentative on Peruvian Radio Manantial on 4,990.8 which may have opened around 1100 UTC but couldn't pull an ID. PNG stations

were somewhat subdued today although Myanmar put in a nice signal with western pop vocals instead of the usual fare of haunting vocals and flutes. Although there appeared to be a number of carriers to the sub-continent there was very little audio from India. Only AIR-Delhi on 4,860 kHz was logged.

There are always surprises when attending a DXpedition. Just as I was about to rip apart my equipment, I noted RRI - Serui on 4,605 kHz poking through the ether. After two days of looking for this one, it was nice to log this on the way out. Also, I checked 7,250 kHz and found an English speaker with interesting local vocals which I tentatively suspect was Bangladesh. Unfortunately, the radio amateur community combined to blitz the frequency just around sign off time making positive identification impossible.

I can't complain about the overall results of this DXpedition. While it would have been nice to have better conditions to Latin America, I did manage to add two sought after Bolivian's to the log. No complaints there. Also, there was Indonesian and Papua New Guinea activity so no complaints there. India was missing but I enjoyed some pretty good Indian openings in the other outings this year. Next year will be here before you know it bring French Creek DXpedition No. 31 to the table.

Leading off this month's QSL returns is verification from the Falkland Island Broadcasting Service after almost 24 years of waiting and trying. New station manager Corina Bishop was nice enough to do the honors. I asked about the possibility of doing a shortwave broadcast to which she replied, "Also, I am afraid that we are unable to do a special broadcast on shortwave." Beth Chick in Austria verified Trans World Radio via Wertachtal. The Voice of the Islamic Republic of Iran via Kamalabad sent a reply for 3,985 kHz along with some family magazines. Radio Moldova International sent a vague electronic response ("We received Your letter and we appreciate Your interest in our radio programs.") to a postal follow up report from "The English Service." This one took many years to track down. The BBC Indian Ocean Relay Station verified a direct report with a letter from v/s Albert Quatre, Senior Engineer at VT Communications facilities in Victoria. Finally, Cotton Tree Network via Ascension Islands verified with a full data Fondation Hironnelle / Cotton Tree Network card from Anne Bennett in Sierra Leone.

Earlier in February, George Maroti reported that John Sgrulletta passed away suddenly at age 60. He died on Tuesday, February 12th. Not sure of the cause but it was unexpected with John and George planning to attend the Winter SWL Festival in Kulpsville in early March. It was quite a shock. John was a nice guy who was also a first class shortwave DX'er. He was a terrific guy who readily shared information. There was no finer individual in our hobby when it came to (sharing) knowledge, dedication, and expertise. An all around "good guy", John will be missed by all of us in the radio hobby community.

73, Rich

FOR SALE: MFJ-931 Artificial RF Ground Unit. \$60.00 postpaid to lower 48 states. Richard Parker, 1205 Sleepy Hollow Road, Pennsburg, PA 18073. Phone (215) 541-1099.

Easy Listening

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

You are coming to the SWL Fest, right?

Final preparations are under way for the 21st Winter SWL Fest—this issue of the NASWA Journal should show up in most mailboxes a couple days before people depart for Kulpsville. Check the Fest blog, <http://swifest.blogspot.com>, for any last-minute updates to Fest schedules or local items. Hopefully the weather will be easier than it was today as I edit the column; Eastern Pennsylvania received approximately five inches snow plus a layer of ice on top.

BBC World Service shuts down shortwave to Europe...and other developments

Here's something we can chat about at the Fest: the BBC World Service eliminated shortwave utilization targeting Europe as of February 18th; this follows a reduction in shortwave utilization to Europe that was put into place about one year ago.

Practically speaking, this probably isn't all that big a deal—the mediumwave service on 648 kHz reaches much of the continent, and service targeting Western Russia remains, though only for four hours per day. Here in the Eastern USA, frequencies targeting West Africa remain generally more useful than frequencies that were targeting Europe, and there are no near-term plans to scale back the services targeting Africa. I've seen forum postings from European listeners that indicate these African frequencies are generally usable in Europe as well.

My colleague and fellow column editor John Figliozzi commented on the Radio Netherlands Media Network weblog, "To be a major player in international broadcasting, you need to maintain a useful presence on all platforms used by actual and potential listeners. No one platform is paramount. Shortwave is one of those platforms." I

agree—even maintaining one frequency in service instead of multiple frequencies is better than total abandonment.

This development was picked up by the *New York Times* and *Guardian* newspapers, including a couple quotes from familiar names. Jonathan Marks—ex-host of Radio Netherlands' beloved *Media Network* program, stated in his weblog, *Critical Distance*, "frankly I think today is a rather momentous day, meaning the end of analogue shortwave as we know it in the developed parts of the world. Shortwave radio is certainly the medium of last resort. DRM has been a huge disappointment—more than 12 years since its official launch as a standard, there is still nothing in the mainstream shops." Simon Spanswick, the onetime host of *Waveguide* (remember that?) on the World Service, and now the president of the trade group *Association of International Broadcasters*, said "It is a landmark in as much that the BBC and other international broadcasters have been using shortwave for the last three-quarters of a century and it is now coming to an end...Everybody now has to use different ways to engage listeners. Nobody in the developed world listens on noisy, crackly shortwave anymore."

One of the problems nowadays is that, as Andy Sennitt mentioned in the *New York Times* article, many of the transmitter sites that are used as relays by many broadcasters (including the BBC as well as Radio Netherlands) rely on on-site power generation using diesel as the fuel source, and that diesel has doubled in price over recent years. This adds yet another squeeze to the budget of international broadcasters that are already using multiple broadcast platforms (satellite, local placement, webcast, shortwave, website) to reach target audiences.

Jonathan Marks made another interesting point when it comes to international broadcasters' attempts to reach target audiences: "Radio has become too wrapped up in its

own routine and has not woken up to the fact that great content must be findable/searchable. The worst human interface ever is the old SW radio dial with a 1000 stations crammed into a few mms marked as the 49 metre band. DRM's mistake was not being ready to pick up where SW analog radio left off." That's a comment I certainly identify with—nowadays, people don't go searching for information by turning a radio dial, they enter a term into Google.

Here's some more distressing news about listening habits from the *Critical Distance* weblog: Arbitron's recently-updated "American Radio Listening Trends" report, shows a 3% decline in U.S. per capita radio listening over the past year—and a 16% decline over the past nine years. (The nine-year trend includes a 25% decline among teens, but the downtrend is not just among young people: The nine-year trends also show a 19% decline in the 18-34 age group, a 12% decline in the 35-64 age group, and even a 12% decline in people 65 and older.)

It's fair to say these aren't exactly ringing endorsements for shortwave use in North America and Western Europe, are they? Thankfully, we in North America can generally hear European broadcasters' services targeting Africa; this is the best way to hear much of the day's output for the BBC World Service, Radio France International, and Deutsche Welle.

All has not been pessimistic in the general media for shortwave in the past month; there was an interesting musing regarding the romance of shortwave radio in the February 8th edition of the *International Herald Tribune* newspaper. If you have web access, check out <http://www.iht.com/articles/2008/02/08/america/letter.php>, "Waging A Tiny Rebellion via Shortwave Radio." Alas, as Glenn Hauser pointed out, the article doesn't tell you how to re-create this experience yourself, so those without a shortwave radio don't realize they could join in on the fun as well.

Meanwhile, speaking of alternate programming platforms in international broadcasting, one area that I'll give kudos to the

BBC World Service's Internet initiatives is in the timing of website audio updates—a recent check of the on-demand edition of *Newshour* showed the on-demand audio was updated with the most recent on-air broadcast within 50 minutes of airing—that's reasonably quick.

While this isn't shortwave, I also noted this past month that Justin Webb, who is the North American editor for the BBC, now has his own weblog—see <http://www.bbc.co.uk/blogs/thereporters/justinwebb/>. This strikes me as the 21st Century analog to the long-running *Letter From America* program. While Webb's blog doesn't exactly replace the measured tones of Alistair Cooke, it's a way to see a British take on the USA for a global audience.

Coming up in March, the BBC World Service airs a promising four-part special series, *How Iraq's War Shaped Our World*, in which four leading voices of the BBC's coverage in the last five years give their varying assessments of how the Iraq invasion and subsequent insurgency developed. They chart the missed opportunities and faulty assessments of the Coalition and explore the murderous exploitation of Iraq's post-war frailty by Saddam loyalists and foreign Islamists. This series is in the *Monday Documentary* time slot; shortwave air times to Africa include Mondays at 1406 and 2106, plus Sundays 1306. Listeners to the live webcast—this is the European stream—can listen Mondays at 0906 at 1206 and 2006, plus Tuesdays 0006 and Saturdays 0906.

Language Lessons—nobody cares, I guess...

My request for suggestions regarding language lessons via shortwave garnered only one suggestion from a NASWA member... guess this must not be a category of programming that shortwave enthusiasts spend much time with.

One of the challenges with language lessons is that one has to listen regularly as vocabulary is built and grammar rules are

established. In the old days, the only way you could keep up with language lessons if you missed a week is if the station sent you a lesson plan / workbook that you could follow along with at home. Nowadays, that has become much easier—any collateral material is simply posted at the broadcaster's website, where you can download it lesson-by-lesson. Another capability most broadcasters incorporate into their websites is the option to listen to any language lesson in a series, in case you missed it when it was on the radio.

One of the more comprehensive language lesson services available from an international broadcaster is—surprise!—from **Radio France International**, at <http://www.rfi.fr/lfen/statiques/accueil.asp>. In addition to three multipart series—a crime drama, an adventure series, and a series set in a business, there are two daily 10-minute newscasts in “simple French”—RFI's answer to the Voice of America's “Special English” capabilities. The crime drama—**Mission Europe**—is actually a collaboration between RFI and Deutsche Welle and Polskie Radio—lessons are provided for English speakers to help them learn French, German and Polish. The French lessons also air during the English language broadcasts at 1210, 1432, and 1632 UTC. (special thanks to John Figliozzi)

China Radio International offers its “Chinese Studio” including multimedia Chinese lessons at <http://english.cri.cn/chinese/>. Generally speaking, the language lessons are the last five minutes of CRI's typical hour-long broadcast. There are extensive audio archives at the URL shown above.

Radio Taiwan International offers its own version of Chinese via a language lesson program called **Chinese to Go**. The program airs from 20 minutes to 30 minutes after the hour on UTC Tuesday programming to North America, plus 50 minutes to the program end on UTC Fridays to North America; North American targeted air times include 0200, 0300 and 0700.

Deutsche Welle has an extensive online inventory of German language lesson capabilities; visit the main DW website, [http://](http://www.dw-world.de)

www.dw-world.de, then click <German Courses> in the left-side banner, in the section labeled *Germany Info*. You'll then be given choices of e-learning, adventure (the same **Mission: Europe** mentioned under RFI) and the beginners' course, **Radio D**. You might also remember the series that was on DW radio for a while, **Deutsch—Warum nicht?**; yep, that's available, too. There is also a daily nine-minute newscast intended as a language lesson...the speaker's pace again is evocative of the VOA's *Special English*.

Radio Japan no longer airs Japanese language lessons in its English language service, since the daily broadcasts were cut back to 20 or 30 minutes, depending on the edition. However, there's a deep archive of Japanese language lessons available at the NHK website, <http://www.nhk.or.jp/english/>; just click on the link for <Japanese Lessons> along the top of the web page. There are two series—**Basic Japanese For You**—the audio for lessons 62 through 92 is available on the website—and **Brush Up Your Japanese**, with the audio for lessons 32 through 46 available. For lessons earlier than these, the text transcript is available.

Questions regarding RCI's mandate resurface

Longtime listeners of **Radio Canada International** probably remember the name Wojtek Gwiazda; he was one of the hosts of the daily newsmagazine **Canada Today** and remains a contributor to **The Link**, RCI's successor weekday English language program. He found himself suspended for three days in February, apparently as a result of causing a bit of a stir in some dialogue between the Canadian Parliament and CBC management. Wojtek feels—probably like most of us—that RCI's new mandate focusing on prospective and new immigrants to Canada has eroded RCI's standing as a broadcaster providing views of Canada to the world. Apparently RCI's management didn't appreciate that Wojtek enabled the Members of Parliament to be “loaded for bear” (my term, not Wojtek's) when they were grilling RCI management.

Even if you feel Gwiazda was a bit heavy-handed in how he approached this activity, nonetheless it's a fair question—has the change in mandate, dating back to late 2006, resulted in greater RCI listenership? Or have those who used to listen to RCI's English language programming instead changed their focus to the domestic CBC service? Are you listening more often to RCI nowadays, or less? Send your views to RCI via postal mail to Radio Canada International, 1400 boulevard René-Lévesque Est, Montreal, QC, Canada H2L 2M2, or e-mail to info@rcinet.ca. Gwiazda helps maintain an advocacy website devoted to restoring RCI's original mandate, autonomy, and the budget to support that mandate, <http://www.geocities.com/rciaction/index.html>.

Radio Australia suggestions

Counterpoint is a commentary program which examines a range of social, economic and cultural issues in Australian life. It challenges some widely-held assumptions, and introduces some new and some seldom-heard commentators. Not all of the topics are specific to Australia; a recent edition featured a segment on United States politics exploring the role of race and racial identity through the lens of Senator Barack Obama's Presidential campaign.

As is the case for most ABC programming, the past four editions of *Counterpoint* can be downloaded, podcast or streamed online; the program's website is <http://www.abc.net.au/rn/counterpoint/>. Shortwave listeners are, unfortunately, out of luck, as *Counterpoint* is not on the current schedule. The program airs on the domestic **Radio National** service Mondays 05005 UTC and Tuesdays 1505 UTC.

Verbatim is a weekly series that charts the history of 20th Century Australia through

the oral histories and memories of Australians. An ongoing series includes features on Australia's politics of the 1920s and 1930s. Another recent program focused on the reminisces of Louise Mack, an Australian journalist who reported from the front lines of World War **One** (not two...). *Verbatim* airs on shortwave Saturdays 1035 UTC; Radio Australia's live stream also features *Verbatim* at that time. The program's website: <http://www.abc.net.au/rn/verbatim/>.

Talking Point consists of interviews excerpted from the daily *Breakfast* program airing domestically on Radio National. On shortwave, *Talking Point* airs at approximately 0615 UTC weekdays, plus Fridays at 2330 and Saturdays at 1020. The live web stream includes these times plus Sundays 0230 and 0530 (when *Grandstand* airs on shortwave).

If you'd rather select your own interviews, visit the *Breakfast* website at <http://www.abc.net.au/rn/breakfast/>; you can listen to the entire program and then "fast forward" to specific segments as you wish.

Another of my favorites is *Lingua Franca*, continues to examine all aspects of language, including cross-cultural communication, literacy, language policy, multilingualism, neologisms, alphabets, prayers and maledictions, sledging, swearing and flattery, the language of public debate, as well as endangered, secret and even invented languages. 2008 is the International Year of Languages, in case you were curious. Alas, this program isn't on the current shortwave schedule either; you can stream, podcast or download the series at <http://www.abc.net.au/rn/linguafranca/>.

See you at the Fest!

73 DE Richard



WWW Shortwave Listening Guide

Looking for programs to listen to? You can find what programs are on for the current hour or list programs of a desired type on a given day at the **www Shortwave Listening Guide** on NASweb. Visit the Guide at <http://www.naswa.net/swlguide/>. 

Shortwave Center

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Bandscan analysis of Radio Handbooks for 2008

by Anker Petersen, Denmark, January 19, 2008

@ DSWCI.

This article may be fully quoted, if the source is mentioned.

On 28 October 2007 the B07 winter schedules became effective. Already on 01 November in Lugano, Toshi Ohtake handed over a review copy from Larry Magne, PA, USA of his "Passport to World Band Radio - Edition 2008" (PWBR). On the 13 December I received from Joerg Klingenfuss, Germany, his "2008 Shortwave Frequency Guide" (SWFG) and after Christmas on 02 January the "2008 edition of the World Radio TV Handbook" (WRTH) arrived from Nicholas Hardyman, UK.

All three Handbooks have kept their well known, but different format. The PWBR has 560 pages and starts with articles about historical broadcasting in exotic Tangier and about the worldwide Network of the Trans World Radio. Then follows amazing 149 pages of reviews of technical equipment for the SW listener. Broadcast schedules are concentrated on broadcasts in English and an address list. The 170 Blue Pages with graphical 24 hour lines with all details on each broadcast station from 2310 till 21850 kHz. More at www.passband.com.

The SWFG 2008 (12th edition) contains 472 pages in English (273 about Broadcasting and 199 about Utility stations). The Broadcasting part begins with a new article about DRM including an up-to-date list of DRM schedules on LW, MW and SW. It is followed by the comprehensive SW frequencylist which for each frequency contains a line for each broadcast. That includes exact times, transmitter site, language and target area. The Country section contains the same data listed by Station, but without details like

geographical coordinates, addresses, QSL info, etc.

At the same time Klingenfuss has published the 2008 Super Frequency List (SFL) on a CD-Rom with the same 8,500 Broadcast frequencies and 10,000 utility frequencies plus 20,700 formerly active frequencies. This modern tool is very easy to use on a PC using Microsoft Windows and has excellent search functions for specific frequencies, countries, stations, languages, call signs and times - or any combination thereof! More details at www.klingenfuss.org.

The WRTH 2008 (62nd edition) has 672 pages this year, including 64 in full colour. The first article is about Portuguese contributor Carlos Gonçalves who also is a very active DSWCI member. The WRTH Receiver Reviews 2008 describes the Icom IC-R9500, Morphy Richards 27024, FLEX-5000A, Palstar MW550P, Himalaya DRM 2009 and RACAL RA1792. Articles about Falklands Radio and Radio Voice of the People follow. Finally, before the maps is a Digital Update and George Jacob's forecast on SW reception conditions in 2008.

On page 65 begin the fully updated sections with all details about National and International Radio, MW and SW Frequency Lists, International broadcasts in English, French, German, Portuguese and Spanish. On page 610 is a useful list of current DRM International Broadcasts followed by Television and References. Read more at www.wrth.com. You can also order it from Hein Radio Bookshop www.radiobookshop.de.

Spotcheck by bandscanning

As in my analysis a year ago, I did not choose the traditional way of reviewing

each section in the Handbooks. Instead I scanned through the shortwave bands in early January, selected 50 broadcast stations at random and identified them 100%, no matter what language, and made a comparative analysis.

In this I checked in the three Handbooks, if each particular broadcast heard, was mentioned in the Country Section and in the SW frequency list with the five essential details of station name, frequency, scheduled at that time, exact language and site of transmitter. Half of the SW stations carried domestic broadcasts, and half of them international broadcasts. For further details on my results, look: <http://www.dswci.org/specials/bookreviews/200801handbooks.pdf>.

Analysis

I consider the five details mentioned above to be essential for the DXer during his listening and identification of the transmitter and broadcast. Thus it was checked for each logging, if the Handbooks have all these essential details and if they are correct. This is then marked "+" in my detailed analysis. If one is missing, the column got a "-".

In cases where the broadcast is listed, but the language is not specified (e.g. just called "other" language), it was noted as a minor mistake, probably made by an editorial decision.

I still consider it useful, if the Handbooks also can provide the DXer with additional information about Geographical Coordinates for his propagation calculations and Google Earth search, and ID in the language heard. Furthermore it is necessary to know current addresses (postal, e-mail and web) and QSL-policy for his reception report writing.

Most of these useful details can be found in the WRTH and PWBR, but they are still missing completely in the SWFG!

Comparison

I then counted how many essential details were correct for the 25 international and 25 domestic stations randomly heard. The results were (each figure out of $5 \times 25 = 125$ possible):

	PWBR		SWFG		WRTH	
	Int.	Dom.	Int.	Dom.	Int.	Dom.
Analysis result	114	117	123	120	123	118
Sum(Max. 250)	231	(92%)	243	(97%)	241	(96%)

The WRTH and the SWFG contain nearly all essential details.

SWFG is slightly better, because the Domestic stations of All India Radio contain the three main languages. In PWBR furthermore the language in several cases in both International and Domestic broadcasts is just identified as "other".

It surprised me, that even though PWBR is published 1½ month before the other Handbooks, only 3 frequencies (all international) were missing out of 50 (94% correct). Larry has ensured me that he does his utmost in order to get the latest schedules, before the printing deadline and he succeeded.

Please be aware that changes in broadcast schedules occur nearly each day and also during the period from the editorial deadline till the printed Handbook reaches the listener. It has always been so. Because of this, it is impossible to achieve a 100% score!

Conclusions

It is evident that the editors of all three Handbooks once more have done a tremendous work to gather up-to-date broadcasting schedules and other information for the B07 period and all have succeeded in this to a very high degree! Each of the Handbooks is useful for the DXer and ordinary shortwave listener. The details published are at a very high accuracy level and can hardly be much better!

An important feature when searching for and identifying broadcast stations, is their complete frequency schedules, so that all parallel frequencies can be checked. The schedules are easily available and very complete in the WRTH and SWFG and on the SFL CD-version.

For DX-purposes on SW, the **PWBR** offers an excellent overview on its "Blue pages" with incredible many details included.

The **SWFG** is a Frequency List with SW schedules, but without any other details about the stations. I prefer the SWFG when I scan the SW broadcast bands, because the current schedule and language is available at each frequency. But I am afraid that the ordinary Broadcast DXer does not have any use of the many Utility pages, so I suggest again this year that the book is split up into two cheaper publications in the future.

In contrary to the PWBR and SWFG, the **WRTH** also contains LW, MW and some FM and TV information. Therefore I use this Handbook when I DX on the bands mentioned or need more information about SW stations. It is highly appreciated that a summer edition of the International Section is available free of charge from their website and will be further expanded.

All three handbooks have complete agreement between the information in the Country Sections and in the Frequency Lists.

I must state that all three Handbooks are very comprehensive, up-to-date and accurate and absolutely worth purchasing by the active shortwave listener and DXer! It requires hard work by many experienced people to edit and publish such high quality products year after year! (Petersen)

Voice of the Tigray Revolution Update

by Maarten van Delft, Putten, the Netherlands visiting Ethiopia

Via Danish Shortwave Club International, DX Window No. 343

Mr. Fre Tesfamichael has left the Voice of the Tigray Revolution. Mr. Abera Tesfay has succeeded him as director. He told me that since May 2007 they have been using a 100 kW transmitter. It is located near Addis for better nationwide coverage. The two old 10 kW transmitters at Mekele will remain as standby. I was told that they simultaneously broadcast on two frequencies from the new transmitter. I expressed my surprise about this, but I am a technical layman, so who knows! They are still in a testing phase. Their assigned frequencies are: 5950, 5980, 6170 and 7155. I frequently heard the combination 5950 and 6170, but they were often silent altogether. They broadcast 66 hours a week in Tigrayan and 9.5 hours in Afari. They are now busy moving to a brand

new building. An FM relay is projected for Mekele, but there are no plans to use medium wave.

Before popping in at this station, I visited the impressive monument and nearby museum, dedicated to the long and bloody struggle of the TPLF (Tigrayan People's Liberation Front) against Mengistu's Derg (junta). In the museum I also saw the old transmitter and antenna which had been used for some years in a cave in the Simien Mountains at an altitude of over 3500 m. when they were still a clandestine station. There was only one narrow path to the cave and all supplies had to be taken up via this tough route. They even carried up anti-aircraft guns and so the station was never silenced by the Derg. Mr. Abera and the director of PR, Mr. Berhaie, told me of the hardships they had to endure in the cave, such as the cold up there. Before every broadcast they had to heat the frozen cooling liquid for the transmitter!

Perseus, the SDR New Frontier

By Giampiero Bernardini

Software Defined Receivers ("SDR") are the new frontier for DXers. Now on the market we can find several models and others are scheduled over the next several months. Also, companies such Rohde & Schwarz are working on this field. But the real innovative work was made in the USA (FlexRadio and RFSpace) and Italy (Elad, Ciao Radio by Claudio Re and Perseus by Nico Palermo). The last receiver I got is Perseus. I already have in use RFSpace SDR-14 & SDR-IQ, Winrad G33EM, and Ciao Radio H101. They (and Perseus too) are all really different receivers that I use for different purposes. Each one of the SDRs as its strengths. All gave excellent performances in DXing and are more flexible than traditional receivers, even if I still have in use old great Drake R4-C and SPR-4 communications receivers.

Perseus means Pretty Excellent Receiver for Software-Eager Unperceivable Signals. When I turned on Perseus the first time I had a real great impression. Its look is really nice, ergonomic is very good too. All you need is on the window, under your control, you don't need an open menu and submenu. It is easy to learn and easy to use.

Everything Under Control

In the main window you can see everything is happening inside a 400 kHz real time spectrum. You can choose, of course, to monitor "only" 200 kHz or less. Nothing will happen without you seeing it. For instance, you can monitor the 40 meters HAM band and see every new signal coming on and tune it in a while. The same on maritime or air bands. On the 60 meter tropical band you can monitor all weak signals at the same time. On International bands, no digital DRM signal will escape. You can do it in FFT 2D mode or Waterfall. You can regulate the FFT average to get the best image of spectrum activity you like.

Great Audio

I listen to the radio mostly in Milan city. I have a lot of noise so the audio quality is

important. I found it clean, soft and I wasn't tired of listening after many hours. Just like my old Drakes and the SDR Ciao Radio H101. So also with low signals the signal-to-noise ("S/N") ratio is good and it's easier to understand communications. Synchro AM helps you a lot. It's very good and locks in a fast and stable way, also weaker signals with strong fading.

Selectivity As You Want

Comprehensibility is helped also by the possibility to choose as many filters as you want. You work inside the secondary window. It can show 12 - 6 - 3 - 1.6 or 0.8 kHz of band and you can shape your filter as you want. In AM and AMS you can shape your filter in a different way in the upper side and lower side to avoid QRM as you want and get the best audio you like.

Fine Tuning

In the secondary window you can also read better signals in few kHz. So if you have Mauritania on 4845 kHz you can see also Radio Cultura in Manaus on 4845.25 kHz. Than you can try to separate them. In the small window you can also center better the signal and read the real frequency.

Sensitivity

Sensitivity is good and dynamic range excellent (see data), but what you need is not to know numbers but just DXing. So I can say that in medium wave ("MW") it performs very well even if you have really strong signals on the band. And I had no problems with MW images on shortwave ("SW"). I could listen to several Trans-Atlantic ("TA") signals on MW, North and South America, with my Wellbrook LFL1010 loop. Also some very weak signals from Indonesia on the 60 meter band were readable also when some times other traditional receivers couldn't. Perseus' 10 dB preamplifier works fine and its preselectors are great. Also on longwave ("LW") non-directional beacons ("NDB") are very well received with no problems from MW RF.

DRM

I don't like DRM, too much noise. But Perseus works well also with digital signals. You see the DRM wave, center it, select DRM button (it mutes receiver and feed only Virtual Audio Cable), open Dream (with right settings) and listen. Note, please, that you need a newer VAC edition. I use VAC 4.8.

Database

Nico Palermo added also the possibility to use, so far, 3 databases: HFCC, Eibi and User defined. The User one is in the Eibi structure, so it is not easy to create your own database. I hope Nico or another DXer will give us a tool to import data in different formats and export in Eibi format. When tuned on a frequency you can read on air scheduled broadcasting under the S-meter.

Recording a Whole Band

A great chance is the possibility to record 400 kHz band at once and to listen again to it re-demodulating all the signals. You can monitor and record the whole 60 meter band. It is simply great. We could also organize a monitoring group to see what is on International Broadcasting bands to help Eibi to maintain and update his database. Anyway, of course you will need a large hard disk. I use an external desktop 500 GB and mobile 250 GB one.

Software

Nico Palermo is also working around upgrades of the software. So it is a work in progress and it will get opinions and suggestions from DXers all around the world. Nico Palermo just wrote me that with next software (before the end of February) the maximum spectrum range will not be 400 kHz, BUT 800 kHz!!! Great!

Information

- Frequency range: 10 KHz - 30 MHz
- Modes: SSB, CW, etc. (Software Defined)
- Sensitivity: 0.39 uV SSB (S+N)/N= 10 dB
- Selectivity: Software Defined
- Image Rejection: 90 dB
- Input IP3: 31 dBm
- Dynamic Range: 103 dB (SSB, 2.4 KHz BW)* / 107 dB (CW, 500 Hz BW)
- Blocking Dynamic Range: 125 dBMDS: -124 dBm (SSB, 2.4 KHz BW)*/-131 dBm (CW, 500 Hz BW)
- Output Bandwidth: 100/200/400KHz I&Q signals (Tip. 14.2 MHz) PC interface: USB 2.0 480 Mbit/s (cable included)
- Power Supply: +5Vdc +/-5% 1 A (110/220V adapter included) Dimensions: 110 x 36 x 185 mm (W x H x L)

Links in English

Tech info: http://www.hoka.net/perseus/perseus_uk.htm

Some images: <http://www.locutus.it/sundry/perseus/>

Bjarne Mjelde's notes : <http://www.kongsfjord.no/bm/Perseus%20SDR.pdf>

Perseus on MW: <http://perseus-sdr.blogspot.com/>

MW clips: http://tadx.mediumwaveradio.org/perseus_audio_clips.html

My blogs with tips made with Perseus and some images:

<http://radiodxsw.blogspot.com/>

<http://radio-dx.blogspot.com/>

[Editor's Note: The following items were taken from the January 2008 edition of the NASB Newsletter. The National Association of Shortwave Broadcasters is the official organization representing U.S. shortwave stations.]

2008 NASB / USA DRM Annual Meetings—Latest Information

Preliminary Agenda (times are approximate and subject to change)

Meeting Venue: Trans World Radio - Cary, North Carolina

Throughout the two days of meetings, there will be opportunities to monitor DRM transmissions from Sackville, Quito, Montsineri and other locations.

Thursday, May 8, 2008 ---Trans World Radio--- welcome remarks from Thomas Lowell, TWR Interim CEO and Chairman of the Board of Directors; and an update on TWR's global ministry from Tom Tatlow, TWR Global Media Services Officer.

9:30 am-10:30 am - **Tour of Trans World Radio headquarters**

10:30-11:00 am - Coffee Break, courtesy of **Trans World Radio**

11:00 am-5:00 pm - **USA DRM Group Meeting** at TWR headquarters building

11:00-11:15 am - USA DRM welcome remarks - Adil Mina (Continental Electronics), Jeff White (WRMI), Mike Adams (FEBC)

11:15 am-12:15 pm - Speaker(s) to be announced

12:15-1:15 pm - **Lunch** at TWR headquarters, sponsored by **T-Systems Media & Broadcast**. On the menu today are traditional North Carolina favorites: barbecue pork sandwich, slaw, potato salad, fruit cup, cookie and sweet tea.

1:15-4:00 pm - Speakers to be announced

4:00-5:00 pm - **Mike Adams**, FEBC, leads open discussion about plans for the USDRM platform and DRM in the United States during the coming months

5:00 pm - USA DRM Meeting ends. Departure from TWR headquarters to Comfort Suites hotel.

7:30 pm - **Dinner** at O'Charley's restaurant, adjacent to Comfort Suites. Sponsored by **Thomson Broadcast and Multimedia, Comet North America** and **WMLK/Assemblies of Yahweh**. Tonight's menu includes a selection of appetizers, your choice of any two entrees (the list includes bite-size fried shrimp, barbecue ribs, grilled chicken breast, Chicken O'Tenders and butcher's cut premium steak), served with salad or soup (overloaded potato soup or soup of the day), beverage and a scoop of caramel pie ice cream for dessert.

9:00 pm - NASB Board of Directors meeting in lobby at Comfort Suites

Friday, May 9, 2008

9:00 am-12:00 noon - **NASB Annual Meeting** (morning presentations session).

9:00-9:15 am - **Welcome remarks** by Jeff White, NASB President; and Mike Adams, NASB Vice-President

9:15-9:45 am - **Fundamental Broadcasting Network** - A presentation by representatives of NASB member FBN, which operates shortwave stations WTJC and WBOH in Newport, North Carolina

9:45-10:30 am - **Shortwave's Response to Disasters** - panel moderated by Mike Adams, FEBC

10:30-11:00 am - Coffee break, courtesy of
Trans World Radio

11:00-11:30 am - **Monitoring Times** - presentation by Rachel Baughn, Editor

11:30 am-12:00 pm - **Audience Research for International Broadcasters**--- presentation by Tom Tatlow, TWR Global Media Services Officer; Curt Detwiler and Bill Damick, also of TWR.

12:00-1:00 pm - **Lunch** at TWR headquarters, sponsored by **Continental Electronics**. Today's menu features Italian dishes: meat lasagna, Caesar salad, garlic bread, tea and tiramisu.

1:00-3:00 pm - **NASB Business Meeting**. Members, associate members and visitors are welcome and encouraged to attend. Reports from NASB personnel who have attended recent shortwave conferences around the world.

3:00-3:30 pm - Coffee break, courtesy of
Trans World Radio

3:30-4:30 pm - **NASB Business Meeting** continues

4:30 pm - Official closing of NASB Annual Meeting

4:30-4:45 pm - **NASB Board of Directors Meeting**. This is a brief closed session for the newly-elected Board members.

Hotel Information

The conference hotel for the annual meetings is the **Comfort Suites** hotel, located at 350 Ashville Avenue in Cary, North Carolina (a suburb of Raleigh), ZIP Code 27518. This hotel is located near Trans World Radio headquarters (about five minutes by car), and TWR will be assisting us with transportation for those who need it between the hotel and TWR. Therefore, we strongly suggest that you stay at this hotel. We have arranged a block booking for the group at a price of \$82.00 per night, single or double occupancy. To make your reservation,

please contact the hotel directly by phone or fax:

Telephone +1-919-852-4318
Fax +1-919-854-4398

When making your reservation, please specify that you are with the "NASB-TRANS WORLD RADIO" group. By mentioning "NASB-TRANS WORLD RADIO," you will get the lowest available rate of \$82.00 per night, and you will have until 24 hours prior to your arrival date to cancel your reservation if necessary. (If you cancel less than 24 hours prior to your scheduled arrival, they will charge your credit card one night's accommodation.) The rate of \$82.00 per night will be available to NASB/USDRM meeting attendees for a few days before and after the meeting as well, in case you want to arrive early or stay late.

Our block booking will be held until April 21, 2008, or sooner if all rooms are reserved earlier. Reservations will be on a space-available basis only after April 21, or before April 21 if we exceed our block booking. So we urge you to make your reservation as soon as possible. You can always cancel it until a day before arrival if you need to do so

Please note there is a local tax of 12.5% on hotel rates in Cary. The hotel offers a complimentary hot breakfast buffet each morning, free wireless Internet access in all rooms, and an indoor pool/spa and fitness center.

Getting to Cary

Cary is located about 20 minutes by car from the Raleigh-Durham International Airport (RDU). From the airport, you can take a taxi to the hotel in Cary (fare is approximately \$18.50), or you can rent a car at the airport. Note that the hotel does not provide transportation from the airport. The following rental car agencies have branches at Raleigh-Durham Airport: Alamo, Avis, Budget, Dollar, Enterprise, Hertz, National and Thrifty.

The following airlines offer service to Raleigh-Durham Airport from numerous cities throughout the United States: Air Tran, American, America West, Continental, Delta, Express Jet, Jet Blue, Midwest Connect, Northwest, Southwest, United and US Airways. Air Canada has service from Toronto to Raleigh-Durham, and American Airlines serves Raleigh-Durham from London-Gatwick (but this will be changing to London-Heathrow on March 29, 2008) with connections to/from many cities throughout Europe, the Middle East and Africa via London.

Directions from Raleigh Durham International Airport (RDU) to Comfort Suites:

Exit airport onto Airport Blvd. From Airport Blvd merge onto I-40 East towards Raleigh. From I-40 take Exit 293A (US 1 South / US 64 West towards Sanford.) Follow US 1 South

for about four miles to Exit 98A Tryon Road East. Merge onto Tryon Road. It's only a short distance to Ashville Avenue on the left. It's a small street just before the WakeMed Cary Hospital. O'Charley's restaurant is on the corner. Follow Ashville Avenue around to Comfort Suites.

Directions from Comfort Suites to TWR:

Ashville Avenue to Tryon Road. Turn right. Tryon Road becomes US 64 West on the other side of US 1. Turn left onto Gregson Dr. (There is no street to the right, but there is a traffic light on the corner.) It's only about 1.5 miles from the hotel. After you turn you will see a BP gas station on the right, but it's not visible from the main road so there is no landmark to tell you where Gregson Dr. is—just the street sign. It's MacGregor Business Park. Just follow Gregson Drive around until you come to TWR on the right.

HFCC Report On WRC-07

by Geoff Spells, HFCC Rapporteur

The World Radiocommunication Conference (WRC-07) was held in Geneva 22nd October to 16th November 2007. The agenda contained 23 items for consideration, one of which – Agenda Item 1.13 – contained a number of issues relating to services in the high frequency bands.

1.13 taking into account Resolutions 729 (WRC-97), 351 (WRC-03) and 544 (WRC-03), to review the allocations to all services in the HF bands between 4 MHz and 10 MHz, excluding those allocations to services in the frequency range 7 000-7 200 kHz and those bands whose allotment plans are in Appendices 25, 26 and 27 and whose channeling arrangements are in Appendix 17, taking account of the impact of new modulation techniques, adaptive control techniques and the spectrum requirements for HF broadcasting;

This agenda item proved to be very complex, open to interpretation and controversial as proven during the preparation of the Conference Preparatory Meeting (CPM) Report

in the ITU-R study groups. The final CPM Report as input to WRC-07 contained two views on this agenda item, particularly with respect to Resolution 544 and the issue of additional spectrum for the broadcasting service.

The Conference chairman is usually agreed upon sometime before the conference starts. Although the process for selecting a chairman has been continuing for many months, there was no agreement until Sunday, 21 October, the day before the conference was due to start. This late agreement did not appear to delay the work of the conference, as the agenda items and relevant documents were quickly allocated to subcommittees. This process continued so that a number of sub-committees were soon working in parallel on the different issues.

Unfortunately, this rapid progress soon came to a halt for Agenda Item 1.13. The initial problem was what order to deal with the various issues contained within the Agenda Item. It became obvious that all of the regional groups outside Europe (CITEL,

Arab Group, APT, RCC and ATU) wanted to deal with Resolution 544 first, while CEPT wanted to take the issues in order of the agenda item. This stalemate continued until the second week of the conference, when the Chairman of the committee managed to get an agreement to take Resolution 544 for two sessions and then deal with Resolution 351 for the next two sessions.

At this point, CEPT found that they were the only regional group with a proposal to allocate additional spectrum to the broadcasting service. All other regional groups wanted a "No Change" (NOC) for Article 5 of the Radio Regulations for all services. They also wanted to deal with Resolution 544 first as they saw a linkage with Resolution 351 in the CEPT proposal for Resolution 544. Despite protracted discussions in the formal meetings and in closed sessions with the Chairman of the conference, this situation persisted until Wednesday of the third week. The Chairman advised CEPT to seek support outside of Europe for the proposal and to draw the inevitable conclusion if none were found and withdraw their proposal. On Thursday, 8th November, with little public support outside Europe, the CEPT was forced to accept a NOC for the broadcasting service.

Even though this opened the way to discuss the other issues contained in the agenda item, very little progress was made. Resolution 729 was modified as studies were considered to be complete in ITU-Ranged poor-to-good, while Resolution 351 was modified and put on the agenda for WRC-11. No changes were agreed upon for the amateur service under the review of all services in the range 4-10 MHz.

Although there was no additional spectrum allocated to the broadcasting service, there were some more positive decisions taken by WRC-07. A summary of the outcome of WRC-07 for the HF broadcasting service is as follows:

WRC-07 took the majority view and did not agree any new spectrum for broadcasting in the HF bands;

Resolution 544 has been suppressed and will therefore not appear on the agenda of a future WRC;

Resolution 517 has been modified to suppress SSB and to extend the range of broadcasting bands where DRM can be deployed to include all tropical bands above 3200 kHz;

Various footnotes in Article 5 have been modified to remove the reference to the WARC-92 bands and the date of implementation;

A new resolution has been adopted which requests ITU-R to continue studies on HF broadcasting;

The provisional WRC-11 agenda item dealing with DRM protection ratios (Resolution 543) has been deleted as this work can be studied in ITU-R Study Group 6 with a view to revise Recommendation ITU-R BS.1615 if necessary.

On the face of it, that doesn't look like much for what is essentially 7 years of work, but all is not too bleak. SSB has been deleted and the range of bands available to introduce DRM has been extended. With the new Resolution, studies will continue in ITU-R to build on the information prepared within HFCC and contained in Report ITU-R BS.2105.

Other issues relating to the broadcasting service:

Document 30 from Cuba concerned Radio Regulation 23.3:

23.3 2) In principle, except in the frequency band 3 900-4 000 kHz, broadcasting stations using frequencies below 5 060 kHz or above 41 MHz shall not employ power exceeding that necessary to maintain economically an effective national service of good quality within the frontiers of the country concerned.

The proposal was to create a new Resolution which provided an interpretation of 23.3 such that any broadcasting station that provided coverage outside the country in

which the station is located would not be in conformity with the Radio Regulations. After much discussion, no changes were made to No. 23.3 and no Resolution was adopted. However, a note of the conclusions of the discussions was agreed to be part of the minutes of the Conference.

Agenda Item 1.4 proved to be the most contentious issue:

1.4 to consider frequency-related matters for the future development of IMT-2000 and

systems beyond IMT-2000 taking into account the results of ITU-R studies in accordance with Resolution 228 (Rev.WRC-03);

The bands proposed for IMT included the UHF bands as well as C-band used by many services, including broadcasting. WRC-07 could not agree on a worldwide allocation for IMT but has provided access to different bands in different regions for IMT by footnotes to the Table of Frequency Allocations.

France Adopts DRM For Frequencies up to 30 MHz

News release from Fanny Podworny, DRM Consortium

Paris, France – On 5th December, 2007, French Minister of Culture, Mrs. Christine Albanel, signed a decree to confirm the adoption of Digital Radio Mondiale (DRM) and Terrestrial Digital Multimedia Broadcasting (T-DMB) in band III and in the L-band as the digital radio standards in France. With the adoption of both technologies, France is one of the pioneer countries for the digitalisation of radio.

The adoption of DRM in France is the result of long-term experiments and discussions conducted with or under the scrutiny of the regulatory and governmental bodies. The statements of industry ministers along the past years have paved the way for the decision made by the Minister of Culture and Communication. Both T-DMB and the DRM standard were named as driving technologies. The decision taken a few days ago is a confirmation of earlier announcements. The DRM and T-DMB adoption will boost the commercial launch of digital radio in France, scheduled for 2008.

The combination of both digital technologies DRM and T-DMB is the perfect solution

for public and private broadcasters, and for urban, rural and international broadcasting. DRM is a great way to enjoy not only international radio stations, but also some local and national radio. Michel Penneroux, DRM Commercial Committee Chairman, welcomes this significant step towards the digitalisation of radio: "The French government decision is the result of testing and debating on digital technologies in France. DRM radio receivers will now have a wide market in France."

Regarding the DRM consortium contribution to the French process, Penneroux says that: "Our DRM national platform in France has played a key part in this process that has led to the DRM standard endorsement. This encourages the work made by other DRM national platforms in Germany, Spain and Italy. We now speed up the duplication of such a platform in countries around the world."

Early in 2008, the Conseil Supérieur de l'Audiovisuel (CSA) will invite tenders for radio stations and programme editors to broadcast digital radio. The first digital radio programmes are expected to be on air in France in the last quarter of 2008.

Listener's Notebook

Al Quaglieri • P.O. Box 888 • Albany, NY 12201-0888 • listenersnotebook@gmail.com

BANGLADESH 7250 *Bangladesh Betar*, *1230-1259*, Feb 17, sign on with IS. Opening English ID announcements at 1230. Short bit of local music & into English news. 10 seconds of local music at 1237 and more news. Local music at 1243-1259. Abrupt sign off. Back at *1313 with IS & into listed Nepali programming at 1315. Surprisingly strong signal but hum and low, muffled audio made reception difficult & hard to understand. Occasional HAM QRM also (Brian Alexander, PA/DX Listening Dig./Hauser-OK)

BELGIUM Two new stations via TDP:

Hmong Lao Radio in Hmong:

0100-0200 Hmong 15260 TAI Th/Su

Hmong World Christian Radio:

0100-0200 Hmong 15260 TAI Sa

(DX-MIX, Bulgaria)

BOLIVIA 4451.20 *Radio Santa Ana*, Santa Ana de Yacuma, Beni, 2330-2356v*, Feb 06, talks in Spanish, messages to listeners, presumed news and local events ann, music at 2350. Sometimes they mention "Radiocomunicacion Roco" what could generate doubt, and should sounds like "Radio...Co," "Radio Eco." It seems to be a service company of messages from listeners to be announced throughout radio stations, to another listeners. (Arago and Bobrowiec). Also heard 2330-2354*, Feb 08 and 11, talk, reading (telephone?) numbers, no music. Also heard 1010-1050, Feb 14, fair. The 4451.20 signal is significantly stronger than the signal I was hearing on ex 4650.2 in January. (Wilkner-FL/DSWCI DX-Window/Petersen-DK)

CHAD Colonel Thierry Burkhard, a French military spokesman, said around 1,000 to 1,500 rebels had entered the capital, N'Djamena, on Sa Feb 02 and some were approaching the presidential palace and were clashing with government forces there. Opposition leader Ibni Oumar Mahamat Saleh said the state broadcaster had gone off the air in the morning. (Extracts from UKPress via Gupta and Howard/DSWCI DX-Window/Petersen-DK)

Acc. to various news reports, the national radio station has been destroyed, or at least put out of action. This extract from the timesonline.co.uk today (Feb 03): "... Witnesses said that the latest round of fighting had destroyed the main market in N'Djamena and the national radio station. One witness said: "The public market was partly set on fire in the morning after a helicopter [belonging to government forces] fired a rocket at rebels. The start of the fire triggered a panic, after which the crowd

came back to ransack the market." Another witness reported that the radio station had been pillaged by a mob that smashed broadcasting equipment and made off with computers... ." (Pennington, BDXC-UK via DXplorer/DSWCI DX-Window/Petersen-DK)

4905 *Radio Dif. Nationale Tchadienne*, Grevia, was noted off the air on Feb 02, 03 and 04, not even a carrier. (Petersen-DK/DSWCI DX-Window)

4904.97 *Radio Dif. Nationale Tchadienne*, Grevia, N'Djamena was still off the air Feb 04, 05 and 06. (Bernardini and Petersen). Back from temporary studio on reduced schedule from Feb 07. Heard *0437-0740 fade out, Feb 08, 09, 11, 12, 14, 15 and 17, (first sign on *0450 in mid Afropop song on Feb 13) (*0430, but off 0550-0625, Feb 17) and *1600-2126*, Feb 07, 10, 11, 12, 13, 14, 16 and 19 (Off Feb 17 and 18 at 1815), signs on and off with the orchestral National Anthem of Chad, morning mostly in French, evening in Vernacular until 1900, then French, ID's, news, reports, it is impressive to say, that merry African pops could be heard often although the political tension must be still continuing in N'Djamena. According to many reports the radio is back broadcasting from a temporary office, in a private building. (Bernardini, Bueschel, Cruz, D'Angelo, Goncalves, Goonetilleke, Hauser, Kato, Liangas, Petersen, Ratzer, Ritola, Romero, Ronda in DXplorer and Wilkner/DSWCI DX-Window/Petersen-DK)

CHAD LOSES HISTORIC VOICE IN LOOTING OF STATE RADIO Tue Feb 19, 2008 6:06am EST

By Stephanie Hancock and Moumine Ngarmbassa, Reuters

N'DJAMENA (Reuters)—From landmark speeches made at independence to recordings of beloved musicians long since dead, Chad lost historic audio archives in the looting frenzy that accompanied a rebel assault on its capital this month.

Like many other state institutions in N'Djamena, the Radio Nationale du Tchad (RNT) was pillaged by civilians who ran amok during two days of chaos on February 2-3 when government forces were busy repelling the insurgents in the city.

All that remains is the charred shell of its offices. Walls are blackened; windows have exploded; furniture has been reduced to rubble.

Inside the gutted building, every public audio archive since Chad's independence has gone up in smoke, including recordings of the former French colony's independence day itself.

"There's nothing left to be saved," said RNT director Halime Assadia Ali, covering her mouth with her headscarf to give some protection from the choking dust.

Ash and twisted metal crackle underfoot as journalists try to salvage what they can from the wreckage. In the archives department, decades' worth of radio spools lie in neat rows, crumpled by the heat.

"I don't know why they did this because the radio is like a national institution, it's the voice of everybody, it's for the whole country, so I don't know why it would be destroyed," Halime told Reuters.

"It's existed since 1955, but with all the events we've had in Chad this is the first time the radio has been looted, burnt and trashed."

The uncomfortable truth is that civilian looters did the damage as they poured into the streets, ransacking parliament buildings, ministries and foreigners' residences, many driven by resentment against President Idriss Deby's 18-year rule.

Deby's forces said they beat off the rebel raiders on the city, whom they said were backed by Sudan—a charge denied by Khartoum. The rebels said they withdrew and would strike again.

BROADCASTING FROM A MOSQUE

Following the destruction of the state radio station, its journalists decamped to N'Djamena's main mosque, where 'Koran FM', the mosque's in-house radio station, opened up its offices.

In between calls to prayer from the mosque's twin minarets, state radio is now back on the air, broadcasting in French, Arabic and a host of other local languages.

The station normally employs 350 people, but only a fraction of these can fit into Koran FM's tiny offices.

"Our teams who finish working late at night are forced to sleep in the mosque because it's too late to go home, what with the curfew and security situation," said broadcast journalist Baribo Talo. "The conditions are difficult, there are no mosquito nets, and lots of us are falling ill with malaria."

Talo is angry at those who pillaged the radio, which will cost more than \$6 million to re-establish. Traditional music, as well as landmark speeches including those by Francois Tomalbaye, Chad's first president after independence, and Hissene Habre, a former dictator now awaiting trial for crimes against humanity, have all gone up in smoke.

"Those who came to loot don't even know the value of what they took," Talo said, adding that the state would be able to buy new equipment, but not replace the destroyed archives. "Certain songs, certain political speeches, these have all been ruined.

Some artists who are dead, we've lost all their songs. We've lost our cultural riches, many of the country's memories have been lost forever," Talo added. (Editing by Nick Tattersall/via Myke Weiskopf-CA/http://www.mykeweiskopf.com/Feb 19/DX Listening Digest/Hauser-OK)

7 February 2008 at 1900 **Radio Chad** had a frequency announcement on 4905 kHz. I noted they announced one 41 mb frequency, but couldn't make out what it was. Jean-Michel Aubier in France had a listen to the audio file and he says:

"Not easy to understand with their African accent! The man announces 7120 kHz in the morning and 4905 kHz in the evening + 94.5 MHz in N'Djamena. No precise schedule given."

So, 6165 was changed to 7120. Many thanks, Jean-Michel and many thanks also to Mauno Ritola and Henrik Klemetz for their help (Savolainen-Finland, Feb 9/DX Listening Digest/Hauser-OK)

Usually in the past, ex-6165: 4905 0430-aprox.0730 + 1800-2300 7120 0730-1030 Fri/Sat 1030-1800 daily (Wolfgang Bueschel/DX Listening Digest/Hauser-OK)

CONGO—DEMOCRATIC REPUBLIC 6210 **Radio Kahuzi**, Bukavu (t), 1930-2008*, Feb 01, talk and discussions, 2000 music and closing ann, weak audio and right at threshold. (Valko-PA/DSWCI DX-Window/Petersen-DK)

According to Press reports, earthquakes struck Rwanda and neighboring Democratic Republic of Congo on Sunday, Feb 03, killing at least 30 people and seriously injuring 350 more, officials said. At Radio Kahuzi, Richard, Kathy and the transmitters are all intact. Richard reported: "It happened about 1030am in Bukavu. We are having aftershocks every 20 minutes." Richard believes that Mt. Kahuzi is becoming an active volcano. Further updates will be posted to their blog: www.radio-kahuzi.blogspot.com. (Churchill in DXplorer/DSWCI DX-Window/Petersen-DK)

Due to technical difficulties, **Radio Tangazeni Kristo** has no further plans to operate on [4845] shortwave. (WRTH update/DX Listening Digest/Hauser-OK)

COSTA RICA 5954 Guapiles, Limon, 2303-2320, Jan 25, Feb 01 and 16, Mexican music from the 40 kW ELCOR transmitter testing at Guapiles, Eastern province of Limon, according to Jorge Cuadra, a former Elcor engineer, who helped install it. Organization currently unknown. Too much QRM from Okeechobee 5950. (Hauser and Saavedra in DXLD/DSWCI DX-Window/Petersen-DK)

CROATIA Voice of Croatia (Glas Hrvatske) in Croatian/Various languages: 0555-0855 6165 (ex 0500-0855)

1355-2155 6165 (ex 0400-2310)
2155-0555 3985 (ex 2315-0455)

(WRTH Feb 4 update/DX Listening Dig./Hauser-OK)

CUBA B-07 schedule of *Radio Havana Cuba* effective Jan. 20:

0000-0030	Quechua	17705
0000-0100	Spanish	13760 11875 11760 9600 6140 6060 6000 5965 9550
0000-0100	French	9550
0100-0130	Creole	9550
0100-0200	Spanish	13760 11875 11760 9600 6140 6060 5965
0100-0500	English	6180 6000
0130-0200	French	9550
0200-0500	Spanish	13760 11875 11760 9600 9550 6140 6060 5965
0500-0700	English	11760 9550 6180 6060 6000
0700-0730	Esperanto	6000 Su
1100-1300	Spanish	13760 12000 11805 11760 9600 9550 6180 6000
1300-1400	Spanish	15370 13760 13680 12000 11805 11760 9550 6000
1400-1500	Spanish	15370 13760 13680 12000 11805 11760 9550
1400-1830	Spanish*	17750 13750 13680 11875 11670 Su
1500-1530	Esperanto	11760 Su
1930-2000	Esperanto	11760 Su
2000-2030	French	11760 9505
2000-2030	Portuguese	11800 11750
2030-2100	Arabic	11800 11750
2030-2130	English	11760 9505
2100-2300	Spanish	13760 11800 11750 9550
2130-2200	French	11760 9505
2130-2200	Creole	9505 5965
2200-2230	French	9505 5965
2200-2230	Portuguese	17705
2230-2300	Guarani	17705
2230-2300	Creole	9505 5965
2300-0100	Spanish**	9820 6000 Mo-Fr
2300-2330	French	5965
2300-2330	Portuguese	17705 13760
2300-2400	English	9550 9505
2330-2400	Portuguese	13760
2330-2400	Esperanto	9600 6140 Su
2330-2400	Creole	5965
2330-2400	Guarani	17705

* Alo Presidente

** Mesa Redonda

(DX-MIX, Bulgaria)

ECUADOR HCJB has been granted an extension of at least six months for dismantling its antennas near Pifo. HCJB agreed that 30 towers would be removed by Dec 2007. The first phase, in early 2006, saw 18 towers lowered. They were to remove 12 more in the second phase. Continued use of these will be permitted, along with 18 others that will not

impede approaching aircraft. They will continue two frequencies to Brazil, plus DRM test transmission to Europe and other countries. On Jan 26, they will inaugurate a daily, one-hour DRM program stream in Portuguese to Brazil. (HCJB via Gupta/DSWCI DX-Window/Petersen-DK)

ETHIOPIA Radio Ethiopia is a commercial government station. Re. 5990/7110/9704: From 1400 hours onwards I noted that 5990 first mixed with co-channel VOIRI and is then completely lost under them. I never managed to hear 9704 during my trip, probably due to skip.

The new Oromo Service on 6030, identifying as "*Radio Oromia*," is on the air daily at 0400-0600, 0900-1100 and 1600-1800. Excellent reception everywhere, must be 100 kW.

The English program in the Home Sce is now a full hour, viz. Mo-Fr 1400-1500.

Mr. Melesse Edea Beyi is the head of the English language program in the Home Service as well as the programs in English, French and Arabic of the External Service. Somali is now aired at 0700-0800 and 1200-1300, Tigrayan at 1500-1530 and Arabic at 1400-1500 and 1530-1600. The Afari, English and French programs are still broadcast as per schedule.

Radio Fana now has two 100 kW transmitters, both on 6110 and 7210. Their 5970 appears to be inactive. In a month or two, the station will increase its broadcasting time to 18 hrs daily.

Mr. Fre Tesfamichael has left the *Voice of the Tigray Revolution*. Mr. Abera Tesfay has succeeded him as director. He told me that since May 2007 they have been using a 100 kW transmitter. It is located near Addis for better nationwide coverage. The two old 10 kW transmitters at Mekele will remain as standby. I was told that they simultaneously broadcast on two frequencies from the new transmitter. I expressed my surprise about this, but I am a technical layman, so who knows! They are still in a testing phase. Their assigned frequencies are: 5950, 5980, 6170 and 7155. I frequently heard the combination 5950 and 6170, but they were often silent altogether. They broadcast 66 hours a week in Tigrayan and 9.5 hours in Afari. They are now busy moving to a brand new building.

Before popping in at this station, I visited the impressive monument and nearby museum, dedicated to the long and bloody struggle of the TPLF (Tigrayan Peoples Liberation Front) against Mengistu Derg (junta). In the museum I also saw the old transmitter and antenna which had been used for some years in a cave in the Simien Mountains at an altitude of over 3500 m. when they were still a clandestine station. There was only one narrow path to the cave and all supplies had to be taken up via this tough route. They even carried up anti-aircraft guns and so the station was never silenced by the Derg. Mr. Abera and the director of PR, Mr. Berhaie, told

me of the hardships they had to endure in the cave, such as the cold up there. Before every broadcast they had to heat the frozen cooling liquid for the transmitter! (Van Delft-Netherlands, visiting Ethiopia/DSWCI DX-Window/Petersen-DK)

Voice of Tigray Revolution has been heard on 5950 kHz instead of 5960 (WRTH update/DX Listening Digest/Hauser-OK)

GERMANY (non) Winter B-07 of DTK T-Systems Media & Broadcast:

IBC Tamil Radio:

0000-0100 Tamil 6045 WER

Voice of Croatia:

0000-0400 Cr/En/Sp 7285 WER
 0200-0600 Cr/En/Sp 7285 NAU
 0500-0800 Cr/En/Sp 9470 WER
 0600-1000 Cr/En/Sp 11690 WER
 2300-0400 Cr/En/Sp 7285 WER

Athmee Yatra He/Gospel For Asia (GFA):

0030-0130 SEAlangs7215 WER
 1330-1430 SEAlangs13600 WER
 1430-1530 SEAlangs12005 WER
 1530-1630 SEAlangs11645 WER
 2330-0030 SEAlangs7160 WER

Radio Free Asia (RFA):

0100-0300 Tibetan 9670 WER

Voice of Russia (VOR):

0200-0300 Ru WS 6155 WER
 0300-0500 En WS 6155 WER
 1500-1600 Ru 13755 WER "Commonwealth"
 2300-2400 Arabic 6175 WER

Voice of America (VOA):

0230-0330 Persian 7200 WER 9495 WER
 1400-1500 Pashto 9565 WER Deewa Radio
 1630-1730 Persian 12110 JUL
 1630-1930 Persian 5850 WER
 1700-1800 Dari/ 9770 WER Radio Ashna
 Pash
 1730-1800 Afan 11905 WER Mo-Fr
 Oromo
 1730-1830 Persian 9495 JUL
 1800-1845 Amharic 11905 WER
 1830-1930 Persian 9680 JUL

Radio Liberty (RL):

0300-0400 Persian 7105 WER Radio Farda
 0400-0500 Belarus 6140 WER
 0400-0500 Persian 12015 WER Radio Farda
 0600-0700 Persian 17675 WER Radio Farda
 1600-1700 Russian 9520 WER
 1800-1900 Persian 9595 WER Radio Farda

Brother Stair/The Overcomer Ministries:

1400-1600English 6110 WER 13810 NAU 15325
 NAU
 1600-1700English 6110 JUL first Su

CVC International:

1400-1600 English 7145 JUL DRM
 1400-1800 Ukrain. 9885 JUL R. Emmanuel +
 Russian

HCJB Global:

1600-1700 German 3955 JUL

IBRA Radio:

1730-1800 Swahili 9520 JUL
 1730-1800 Somali 9660 JUL
 1800-1900 Arabic+ 9470 WER Arabic/Sara
 Gambai/Zaghawa
 1900-2045 Hausa+ 9845 NAU Hausa/French/
 Fulfulde/Bambara

FEBA Radio:

1900-1930 Arabic 7235 WER

Democratic Voice of Burma (DVOB):

2330-0030 Burmese 5955 WER

Polish Radio External Service:

1130-1200 Polish 9445 WER 7285 NAU
 1200-1230 Russian 15520 WER 13840 WER
 1230-1300 German 5975 WER 5965 WER
 1300-1400 English 5975 NAU 9450 WER
 1400-1430 Russian 11840 WER 11675 WER
 1430-1530 Belorussian 7180 JUL 6035 JUL
 1530-1600 Russian 7335 JUL
 1530-1600 Ukrainian 6000 JUL
 1600-1630 Ukrainian 7170 WER 9440 JUL
 1630-1700 German 7105 MC
 1630-1730 Polish 6140 JUL
 1730-1800 Belorussian 6140 JUL
 1800-1900 English 7130 ISS 6015 WER
 1900-1930 Hebrew 9760 WER
 1900-1930 Russian 5935 WER
 1930-2000 Ukrainian 5850 JUL 5935 WER
 2000-2030 Russian 6135 WER
 2000-2030 Ukrainian 5935 WER
 2030-2100 German 11840 GUF 9640 GUF
 2200-2300 Polish 9660 GUF 6050 WER

WYFR (Family Radio):

1300-1400 Marathi 15770 WER
 1300-1400 English 11930 WER
 1300-1500 Bengali 13820 WER
 1400-1500 Kannada 11830 WER
 1400-1500 Telugu 15115 WER
 1400-1500 Pashto 13840 WER
 1400-1600 Hindi 11930 WER
 1500-1600 Urdu 11830 WER
 1500-1600 Punjabi 9665 WER
 1500-1600 Gujarati 9800 NAU
 1500-1600 Tamil 15115 WER
 1500-1600 English 13660 WER
 1600-1700 Urdu 9485 WER
 1600-1700 Arabic 9830 NAU
 1600-1700 Amharic 11635 WER
 1600-1700 Persian 9650 NAU
 1600-1700 Hindi 9405 WER
 1600-1700 English 9885 WER 11845 WER
 15325 WER

1600-1800	Punjabi	11815 WER
1700-1800	Urdu	9705 WER
1700-1800	Russian	9595 WER
1700-1800	Persian	6105 NAU
1700-1800	Nepali	9405 WER
1700-1800	Swahili	11635 WER
1700-1800	Arabic	9435 WER 11685 WER
1700-1900	Turkish	9925 JUL
1700-1900	English	9885 WER
1800-1900	Russian	5970 WER
1800-1900	Amharic	9770 WER
1800-1900	Romanian	6050 WER
1800-1900	Spanish	6120 NAU
1800-1900	German	3955 WER
1800-1900	Arabic	9520 WER 9845 NAU
1800-1900	English	9435 WER 11665 NAU
1900-2000	French	9695 WER 9770 NAU
1900-2000	Portuguese	6120 NAU
1900-2000	Arabic	6175 WER 9500 WER
1900-2200	English	9480 NAU
2000-2100	French	9465 WER 9595 WER
		9610 WER 9670 WER
2000-2100	Arabic	5925 WER
2100-2200	Arabic	5970 WER 9610 WER
2100-2200	French	7305 WER
2200-2300	Arabic	5960 WER
2200-2300	English	7305 WER
2200-2300	French	6010 WER

(DX-MIX, Bulgaria)

INDIA 4850 *AIR Kohima*, 0144-0225, Jan 26, local song, Vernacular adv and talk, 0157 and 0215 clear ID's in English: "This is All India Radio Kohima" followed by two messages in English on the occasion of the Republic Day, English songs. Reactivated after long absence. (Petersen-DK/DSWCI DX-Window)

AIR Aligarh is back on 9470 with National Channel in parallel with Bengaluru 9425. *AIR Ranchi* 4960 & 5985 operate irregularly (WRTH update/DX Listening Digest/Hauser-OK)

INDONESIA 2960 *RPD Manggarai* (t), 02/15, 1435. Male announcer taking listeners calls then playing selections of music Whitney Houston and similar, 1458 short announcements in unID language and off the air at 1500. Could not pull out ID but matches log in Feb 08 Listener's Notebook / DXLD by Stig Adolffson. Not heard 2/16 but back on 2/17. (Jim Fedor-NV/NASWA Flashsheet Feb 17/DX Listening Digest/Hauser-OK)

JORDAN *Radio Jordan*, 11690, reactivated a few days ago, heard here Feb 8 at 1440 with Arabic pop music, 1446 announcement by W in French; 1500 TC, M ID. (Glenn Hauser-OK/DX Listening Digest)

KASHMIR [non] *Voice of Jammu & Kashmir Freedom Movement*: The only broadcast heard at time of compilation is between 0245-0415 on 3975 kHz (WRTH Feb 4 update/DX Listening Digest/Hauser-OK)

PBC's *Azad Kashmir Radio*, Trarkhel service has been heard on 3975 between 1445-1815 alternating with 4790. News & Current Affairs channel is now on 4835 instead of former 5080 (WRTH update/DX Listening Digest/Hauser-OK)

KOREA—NORTH [non] New is *North Korea Reform Radio*

Addr: Samsung-dong, Kangnam-gu, Seoul 135090, Republic of Korea.

Tel.: +82 1 22426512...+81 2 64426512

Email: nkreform@naver.net

Web: http://www.nkreform.net http://www.nkreform.com

1200-1230 Korean 9630tai

On the air since December 2007 (WRTH Feb 4 update/DX Listening Digest/Hauser-OK)

LAOS [non] *Hmong Lao Radio*

0100-0200 Hmong 15260tai Th/Su (add)

1300-1400 Hmong 11785hri Sa/Su (del)

(WRTH Feb 4 update via DXLD) Yes, delete 1300, but continues at 1400-1500 during winter time (DX Listening Digest/Hauser-OK)

New entry: *Haiv Hmoob Radio*

Address: 1300 Godward Ave, Suite 6900, Minneapolis, MN 55413

Tel.: +1 651 8084647

Web: http://www.haivhmoobradio.com

Schedule February 2008:

0100-0130 Hmong 15260tai Tu

For Hmong listeners in China, Thailand, Laos, Cambodia and Vietnam (WRTH update Feb 4/DX Listening Digest/Hauser-OK)

MONGOLIA *Mongolian Radio* 2nd program on 7260 signs off at 1500. News in English: 0835-0845 on Tues/Thurs and in Russian: 0835-0845 on Mon/Wed/Fri. 1st program relays V of Russia in Mongolia between 1230-1300.

Voice of Mongolia revised schedule:

0800-0830	Japanese	12085
0830-0900	Mongolian	12085
0900-0930	Mandarin	12085
0930-1000	English	12085
1000-1030	Mongolian	12085
1030-1100	Mandarin	12085
1500-1530	Japanese	12085
1530-1600	English	12085

(WRTH Feb 4 update/DX Listening Digest/Hauser-OK) So there still is a second English broadcast, ex-1500 now at 1530 (gh, DXLD)

MYANMAR *Defence Forces Broadcasting Network* noted on 5770 at 1130-1630 (WRTH 2008 lists as from 1330). Also at 0130-0430, 0630(?) -0930.

Radio Myanma (?) noted *sign on at 2300 on 576, 594 & 5986. The SW channel 5986 is noted sign off at 0130*. 594 is unlisted in WRTH 2008 but reported by Alan Davis in DXLD at 2240-0240. 594 heard in local evening also around 1300-1330 but not in parallel to 5986. 576 is blocked by Radio Nepal from 2315 and in evenings. (Jose Jacob-INDIA/DX Listening Digest/Hauser-OK)

Sign-off at 1630? Several people, myself included, have consistently observed the sign-off at about 1530 UT [as above] (within a minute or two), since their return in Oct, 2007. (Ron Howard-CA/DX Listening Digest/Hauser-OK)

Myanma Radio's Padauk Myay program is carried on 594 and 5986 & FM between 2240-0230 (WRTH update/DX Listening Digest/Hauser-OK)

NEW ZEALAND Updated B-07 of **Radio New Zealand International** eff. Jan.1:

0459-1058 9765 9870*
 1059-1258 9870* 13840
 1259-1650 5950 9890*
 1651-1950 9615 11675*
 1951-2235 15720* 17675
 2236-0658 15720 17675*

*DRM
 (DX-MIX, Bulgaria)

PAKISTAN Some changes of **Radio Pakistan** eff. Jan.5:

0045-0115 English 7445 >>> cancelled
 0315-0345 Tamil 15620 >>> cancelled
 0730-0830 English 15100 & 17835 >>> cancelled
 0945-1015 Tamil 15620 >>> cancelled
 1015-1045 Sinhala 15620 >>> cancelled
 1030-1130 Hindi 7445, ex 1100-1145
 1200-1300 Chinese 9380 11570, ex 1200-1230
 1245-1315 Nepali 7445 >>> cancelled
 1300-1400 Pashto 5050, ex 0500-0545 on 6235
 1330-1400 Turki 5050 >>> cancelled
 1415-1445 Russian 9395 >>> cancelled
 1430-1530 Dari 5050, ex 1515-1545
 1630-1700 Turkish 6240 >>> cancelled
 1700-1800 Persian 5050, ex 1715-1800
 1815-1900 Arabic 6280 >>> cancelled

(DX-MIX, Bulgaria)

PAPUA NEW GUINEA All **NBC** Karai Network shortwave transmitters are currently off the air, but 4890 is expected to reactivate (WRTH update/DX Listening Digest/Hauser-OK) Karai = Port Moresby outlets, and regional stations listed on 49m, none heard for ages (gh, DXLD)

PERU 3172.7v **Radio Municipal**, Pano, 2350-0015 and 0920-1120, Feb 08, 09, 14 and 15, back after being off the air for over a month, but off the air 2300 on Feb 11 and 12. At 0930 ID: "...escuchando...Radio Municipal..." ID, with stronger that usu-

al signal on 14 February. (Wilkner-FL/DSWCI DX-Window/Petersen-DK)

Radio Manantial is a new station from Huancaayo with 1 kW on 4991 kHz. Their web page is: <http://radiomanantial.pe.nu> (WRTH update/DX Listening Digest/Hauser-OK)

4990.8 **Radio Manantial** (t), 1104-1139 fade out Jan 29. Rustic OA vocal followed by a long talk by a man announcer in Spanish with greetings to listeners and TC that fits Peru. Some talk had a bad echo/reverb effect which hurt audibility. More vocals at 1127. May have opened around 1100 since nothing there in earlier checks. Needs a better OA morning for an ID. (D'Angelo-PA/NASWA Flashsheet)

Tropical Peru List

Corrections and additions to this list are solicited! Peru is best logged at this QTH from 0900 to 1130 and 2300 to 0300.

3172.5v **Radio Municipal**, Pano
 3234.9 **Radio Luz y Sonido**, Huanuco
 3329.53 **Ondas del Huallaga**, Huanuco
 3375.1 **XXX R San Antonio Papua de Callalli**
 [Only Brazil being heard here]
 4484 **Radio Frecuencia VH**, Celendin
 4746.94 **Radio Huanta 2000**, Huanta Ayacucho
 4774.9 **Radio Tarma**, Tarma
 4790.1 **Radio Vision**, Chiclayo
 4824.49 **La Voz de la Selva**, Iquitos
 4826.45 **Radio Sicuani**, Sicuani
 4835.6 **Radio Maranon**, Jaen
 4857.39 **Radio La Hora**, Cusco
 4887 **Radio Virgen del Carmen**, Huancavelica
 4950 **Radio Madre de Dios**, Puerto Maldonado
 4955 **Radio Cultural Amauta**, Huanta
 4974.82 **Radio del Pacifico**, Lima
 4990.67 **Radio Manantial**, Huancayo
 5014.5 **Radio Altura Cerro de Pasco**, irregular—heard 1100 and 0100
 5039.21 **Radio Libertad Junin**, 1000 to 1130; not heard here 2300-0200
 5120.4v **Ondas del Suroriente**, Quillabamba
 5460.1 **Radio Bolivar**, Cd. Bolivar
 5470.80 **Radio San Nicolas**, San Nicolas, Rodriguez de Mendoza, Amaz.
 5486.7 **Radio Reyna de la Selva**, Chachapoyas 1040-1055

(Bob Wilkner-FL Feb 17, Cumbre DX/DX Listening Digest/Hauser-OK)

RUSSIA **Radio Tikhyy Okean**, via Vladivostok, is no longer broadcasting on SW, this per the new WRTH Update (Feb 2008) (Ron Howard-CA/DX Listening Digest/Hauser-OK) The website for PTR-Vladivostok (Pacific State Television and Broadcasting Company) is back again and has been completely redesigned <http://www.ptr-vlad.ru/> but perhaps not totally

functional yet. All references to Radio Tikhyy Okean seem have been expunged and there are no longer any audio files for it, nor do I find live streaming for AM 810, so *Primorskoye Radio* may also be gone (Ron Howard-CA/DX Listening Digest/Hauser-OK)

SUDAN SRTC uses 7200 also between 1500-2100 instead of the former 9505 kHz. (WRTH update/DX Listening Digest/Hauser-OK)

TAJIKISTAN Tajik Radio First program uses on SW only 4635 kHz between 2300-2000 and no more 7245. (WRTH update/DX Listening Digest/Hauser-OK)

THAILAND Frequency changes for *Radio Thailand*:

1130-1145 Lao NF 6030 UDO, ex 6040
1145-1200 Burmese NF 6030 UDO, ex 6040
(DX-MIX, Bulgaria)

TURKEY Frequency changes for *Voice of Turkey*:

1900-1927 Bosnian NF 6050 CAK, ex 6055
1930-2027 English NF 6050 EMR, ex 6055
(DX-MIX, Bulgaria)

UNITED KINGDOM Updated B-07 schedule of *FEBA Radio*:

0015-0030	Bangla	7375 TAC
0030-0045	Bangla	7375 TAC Mo-Th
0030-0045	Bhojpuri	7375 TAC Fr/Sa
0030-0100	Hindi	7375 TAC Su
0100-0115	Hindi	7110 NVS
0100-0130	Tamil	5940 ERV
0115-0130	Marathi	7110 NVS
0130-0200	Telugu	6140 DHA
0200-0230	Pashto	6125 DHA
0200-0300	Urdu	9885 NVS
0230-0245	Pashto	6185 DHA
0230-0300	Dari	6125 DHA 7220 SAM
0245-0300	Balichi	6185 DHA Su-Tu
0245-0300	Sindhi	6185 DHA We/Th
0300-0330	Pashto	11995 ARM
0600-0645	Malayalam	6125 DHA Fr
0645-0730	Tamil	6125 DHA Fr
0800-0845	Arabic	15220 MOS
1200-1230	Tibetan	15180 DHA
1300-1315	Mundari	11675 DHA Fr
1300-1315	Santhali	11675 DHA We
1300-1315	Chattisgarhi	11675 DHA Sa
1300-1315	Oriya	11675 DHA Mo/Th
1300-1315	Nepali	11675 DHA Su/Tu
1315-1330	Bangla	11675 DHA Fr-Tu
1315-1330	Maithili	11675 DHA Th
1315-1330	Chattisgarhi	11675 DHA We
1330-1345	Punjabi	11675 DHA Su/We/Th
1330-1345	Kangri	11675 DHA Mo
1330-1345	Bhili	11675 DHA Tu
1330-1345	Brij	11675 DHA Basha Fr
1330-1345	Marwari	11675 DHA Sa
1345-1400	Kashmiri	11675 DHA We-Sa
1345-1400	Gujarati	11675 DHA Su-Tu

1400-1415	Malayalam	12045 DHA Mo
1400-1415	Urdu	7365 TAC Su-Th
1400-1415	Hindi	7365 TAC Fr/Sa
1400-1430	Malayalam	12045 DHA Tu-Su
1400-1500	Urdu	7150 NVS
1415-1445	English	12045 DHA Mo
1415-1500	Hindi	7365 TAC
1430-1445	Lambadi	12045 DHA Th
1430-1445	English	12045 DHA Tu/We/Fr
1430-1445	Konkani	12045 DHA Sa
1430-1500	Kannada	12045 DHA Su
1430-1500	Pashto	7250 ARM
1445-1500	Kannada	12045 DHA Mo/Tu/Th-Sa
1445-1500	Tulu	12045 DHA We
1500-1530	Dari	7250 ARM
1500-1530	Bangla	7370 TAC
1530-1545	Amharic	12125 MEY
1530-1600	Hazaragi	7250 ARM
1545-1600	Makonde	12125 MEY
1600-1630	Amharic	12125 MEY Th-Su
1600-1630	Afar	11875 KIG
1600-1630	Guragena	12125 MEY Mo-We
1630-1700	Tigrinya	9850 DHA Su-We
1630-1700	Amharic	9850 DHA Th-Sa
1630-1700	Amharic	12125 MEY
1630-1700	Persian	7345 MSK
1700-1730	Orominya	6180 DHA
1700-1730	Somali	9590 KIG
1730-1800	Tigrinya	9590 KIG
1830-1900	French	7160 MEY
1900-1930	Arabic	7235 WER 9550 KIG
1930-2030	Arabic	9550 KIG
2145-2215	Hassinya	11985 ASC Th/Fr

Some changes of VT Communications Relays:

Radio Free Chosun to North Korea:

1200-1300 Korean 9950 ERV, ex NVS

Free North Korea Radio to North Korea:

2000-2030 Korean 7510 ERV, ex NVS

Open Radio for North Korea to North Korea:

2100-2200 Korean NF 7510 ERV, ex 1100-1200 9930

Radio Mustaqbal:

0545-0615	Somali	15510 MEY Mo-We
0545-0615	Somali	15510 DHA Sa
0620-0650	Somali	15510 DHA Mo/Tu/Sa
0730-0800	Somali	15485 DHA Mo-We/Sa
0805-0835	Somali	15485 DHA Mo/Tu/Sa
1130-1200	Somali	15485 DHA Mo-We/Sa
1205-1235	Somali	15485 MEY Mo/Tu/Sa

KBS World Radio:

1900-2000 Arabic NF 5935 SKN, ex 7180 RMP

BBC:

2300-2330 Vietnam.NF 6080 SNG Mo-Fr, ex 6100
(DX-MIX, Bulgaria)

BBC World Service closed the remaining SW transmissions to Europe on Feb 18. (http://www.bbc.co.uk/worldservice/help/2008/02/080208_sw_changes_euro.shtml)

Feb 2008, via Liangas-Greece/DSWCI DX-Window/Petersen-DK)

UNITED STATES Frequency change for **WYFR Family Radio:**

1400-1600 Pnjabi NF 6090 SAM, ex 5900

Some IBB changes:

- 0130-0230 Burmese NF 17820 TIN, **RFA**, additional frequency
0300-0330 Swahili NF 7380 MOR & 9440 BOT, **VOA**, new txion Mo-Fr
0700-0730 Hausa NF's 11985 SAO & 13775 BOT, **VOA**, ex 11785 & 17490
1300-1400 Pashto* NF 7455 IRA, **VOA**, ex 9390
1300-1500 Pashto* NF 9370 IRA, **VOA**, additional
1300-1500 Pashto* NF 7495 IRA, **VOA**, ex 11510
1330-1430 Burmese NF 9670 TIN, **RFA**, additional frequency
1400-1500 Pashto* NF 7455 IRA, **VOA**, ex 9390
1500-1600 Pashto* NF 5835 IRA, **VOA**, ex 11865
1500-1600 Pashto* NF 9370 TIN, **VOA**, additional
1500-1600 Pashto* NF 7495 IRA, **VOA**, ex 11510
1500-1600 English NF 11525 KWT, **VOA**, ex 11510 Iranawilla
1600-1700 NCauc NF 11605 MOR, **RL**, North Caucasus langs, ex 9485
1600-1700 Pashto* NF 9370 TIN, **VOA**, additional
1600-1700 Pashto* NF 7495 UDO, **VOA**, ex 9310
1600-1700 Pashto* NF 5835 IRA, **VOA**, ex 11525
1700-1800 Pashto* NF 7495 UDO, **VOA**, ex 9310
1700-1900 Pashto* NF 9370 IRA, **VOA**, additional
1800-1900 Amharic NF 9530 UDO, **VOA**, ex 11575
1800-1900 Pashto* NF 7495 UDO, **VOA**, ex 9310
1800-1900 Amharic NF 11575 UDO, **VOA**, additional frequency

***Deewa Radio** (DX-MIX, Bulgaria)

Additional transmissions for **Brother Stair TOM:**

- 1500-1700 English 9595 POR
1900-2100 English 6060 POR

(DX-MIX, Bulgaria)

George McClintock has filed an application for a new SW station near Nashville, TN. He is the former GM and still a partner at WWCR, and also has been managing KAIJ near Dallas. On Jan 31, FCC accepted the application for filing, the first step. Studio will be in Murfreesboro TN, the same location from which KAIJ has been programmed; transmitter site

at Lebanon TN. Lebanon and Murfreesboro form a triangle with Nashville, east and southeast of it.

The application calls for one Harris SW100 transmitter to a rhombic at 50 degrees, which will cover Europe as well as parts of Africa, and the USA. Further plans are for a total of two or three transmitters; the application can be amended if necessary.

The company is called Leap of Faith, Inc., get it? And the preferred call letters would be **WLOF**, also these are currently held by a religious FM station in Attica, New York, on 101.7. They would have to agree to **WLOF** also being used by a station on another band, which is technically allowed, but seldom authorized by FCC; or might be willing to relinquish the calls. It is difficult to predict exactly when the new station would start broadcasting, but it could take some three months to grant the CP and at least another two months to build it.

Some clients have already been lined up. **WLOF** would not be totally religious, but would have programming from political and other entities which have not been on SW before. Political programming would likely skew to the right of center, simply because there is not much money or interest on the Left in SW broadcasting. The station could be useful in the 2008 presidential campaign, as soon as it can be on the air. George credits his experience with KAIJ in developing new sources of shortwave programming and revenue, never explored before, a good experiment.

As for **KAIJ** itself, owner Mike Parker says it will definitely be returning to the air, but not known exactly when. Operational rather than technical problems are causing the delay. At least initially, it will probably resume programming as before, run out of the Murfreesboro studio, altho Parker will be taking care of further sales and programming development there, with George handling engineering. The Dallas lawyer's website gh uncovered mentioning KAIJ in a bankruptcy proceeding took place several years ago, not recently. KAIJ's webstream is supposed to be active again, following crashes of two computers handling it. (Hauser, Jan 31/DSWCI DX-Window/Petersen-DK)

UZBEKISTAN Radio Uzbekistan new homepage <http://mtrk.uz/en/> (Wolfgang Bueschel-DE/DX Listening Digest/Hauser-OK)

WRTH WINTER UPDATES FILE WRTH is pleased to announce that a file containing updates to the winter schedules of international broadcasters is now available to download from the WRTH website at: <http://www.wrth.com>

(Sean Gilbert, WRTH Editorial Team, Feb 4/DX Listening Digest/Hauser-OK)



Pirate Radio Report

Chris Lobdell • P.O. Box 146 • Stoneham, MA 02180-0146 • crlobdell@verizon.net

Hello and welcome to the **March 2008** Pirate Radio Report. Well, The Groundhog in PA *did* see his shadow this year, so it looks like winter will be around for a few more weeks. Let's hope winter type conditions stay around as well.

New Pirate CD Collection Available

I've been working with Bram Stoker of Radio Azteca [1992-2002] who was nice enough to lend me the original tapes to produce "**Radio Azteca - All That's Gross But Tasteful**". "Radio Azteca hit the pirate airwaves in September of 1992 featuring the biting wit and bodily function humor of Bram Stoker that featured bumper music from the Rocky and Bullwinkle cartoon TV show. A total of 48 programs.

This two CD mp3 audio set has all programs ever produced by Bram for Radio Azteca from the home office in Slipup, Kentucky. Relive all those great segments such as Animal Stories, Story Time, The Top Ten Lists, Actual Stuff, Mailbag and that all time favorite, Ask Dr. Radio! Hear about Bram's favorite characters Emilano Zamboni, Monique The Mailwoman, Reverend Billy Bob Chilipecker and Jean Guy Pepsi. Cost: \$10.00 Cash in North America, \$12.00 to Canada; \$15.00 US to the rest of the world. Mail to my address on the masthead.

Many thanks to these fine folks who made this column possible. Brian Alexander-PA, John Fisher-MA, Joe Wood-TN, George Zeller-OH

BLACK SHOP RADIO, a new one, was heard on 6925 USB from 2308 to 2342 sign off on Feb 16th* A combination of rap and rock. At sign on they had a clear "Black Shop Radio testing" ID at 2325. They are showing symptoms of being a new pirate, with the transmitter off and on at times and with production techniques evolving. Gave no address. This one is worth watching in the future, but it is slightly confusing now. (Zeller-OH)

PUXATONY POTHEAD RADIO, The Official *Groundhog Day* pirate station was heard on 6925 USB from 1713 to 1746 sign off on Feb. 2nd. First log of this station for me. Puxatony Phil's annual broadcast on Groundhog Day Mentions of broadcasting from Puxatony, Pennsylvania, USA. Several IDs and music by the Stones and others. Address given as POB 1, Belfast NY 14711, USA. [Wood-TN]

RADIO BORDERHUNTER, the Dutch Euro-pirate, logged on 6210 kHz at 2325 UTC on Feb. 16th with ID "This is Radio Border Hunter" Played live version of "Stir It Up" by bob Marley. Signal was just above threshold and noisy. [Fisher-MA]

RADIO PLAYBACK INTERNATIONAL, a Euro-pirate, [tentative] very weak on 6882 kHz at 2220 past 2255 UTC on Feb. 22nd. English programming with DJ chatter. Pop music. [Alexander-PA]

SYCKO RADIO has been rather active of late, noted on February 16th at 2252 UTC on 6925 USB relaying WBNY programming. Comments by Sycko followed by Cdr. Bunny's Presidents' Day show. [Wood-TN]

WMPR, the techno music pirate, was heard on 6925 AM from 2216 to 2234 sign off on Feb. 16th. Techno mx. Several IDs and s/off announcement of "Thank you for tuning in to WMPR-Micro Power Radio." [Wood-TN] I wonder if they'll be giving out QSLs at the Winterfest this year?

WPDR-President's Day Radio noted on 6925 USB from 1752 past 1911 on Feb. 18th. Said that it was only on once a year on President's Day. Aired recorded speeches from various presidents including Franklin Roosevelt Harry Truman, Lyndon Baines Johnson, Richard Nixon, Jimmy Carter, George Bush I and George Bush II. The Nixon speech was his resignation speech, and also they aired his "I am not a crook" [Zeller-OH]

See you at The Fest!



QSL Report

Sam Barto • 78 Blakeman Road • Thomaston, CT 06787



ALBANIA: China Radio Internatio-
al 7285 via Cerrik f/d "2008
Olympics cd. depicting the
China Agriculture University
Gymnasium and the One World
One Dream" slogan in 21 ds.
(D'Angelo-PA).

CLANDESTINE: Open Radio for
* North Korea 9930 via KWHR
(Hawaii) date / frequency
ltr. in 50 ds. for a rpt. to
P.O. Box 158, Mapo, Seoul
121-600, Republic of Korea.

v/s Young Howard. (D'Angelo-PA).

ENGLAND: Radiodiffusion Television Algerienne 12025 via Woofferton p/d
cd. in 4 mos. from RTVA in Algeria. (Barto-CT). 9825 via Skelton p/d
cd. in 4 mos. (Barto-CT).

GERMANY: Trans World Radio 6105 via Wertachtal the station verified my
email rpt. w/ an email reply in 7 ds. from Walter Brodowsky, T-Systems
Media and Broadcast, Account and Product Manager for Short-wave Broad-
casting. Walter noted that the program I heard was broadcasted towards
the UK by using a 100 kW transmitter from Wertachtal. (D'Angelo-PA).

STATION NOTES: Antonio Radio 6291 Addr: Fuik 12, NL-8081 KD Elburg,
Netherlands. Cupid Radio 6265 and 15071 Addr: P.O. Box 9, NL-8096 ZG

Oldebroek, Nether-
lands. Email: cupid
radio@hotmail.com

De 8 Onwiezen Uut Ma-

arle 6280 v/s Jan

Podt Email: janpodt@

wanadoo.nl Flux AM

6300 Email: info@flu

xfm.nl Free Radio

Service Holland 6220

v/s Peter Verbruggen

Addr: FRSH, P.O. Box

2702, NL-6049 ZG Her-

ten, Netherlands.

Laser Hot Hits 6220

Email: LaserHotHits@

rock.com Addr: P.O.

Box 293, Merlin, ON

Canada NOP 1W0.....

via PLAY DX.....Sam.

RADIO MAM

4825 KCS

Escuela Radiofónica Católica Helio

CABRICAN - Quezaltenango, 21 de Agosto de 1975.

Quezaltenango, G. A.

SR, SAMUEL L. BARTO
WATERTOWN, CONN.

Estimado Sr. Barto:

Acusamos recibo de su informe de recepción, que agradecemos sincera-
mente.

Efectivamente, su informe anterior no ha llegado a nuestras manos,
pues es el único que hemos recibido de su parte, y lo confirmamos que su
informe es correcto.

Radio Mam es una Emisora cultura, inaugurada el pasado 11 de Enero.
De inspiración cristiana, se encuentra en Cabricán, un pueblo de la sierra
de Guatemala, a 3.000 metros de altura. Sus habitantes son en su mayoría
indígenas de la raza Mam, descendientes de los mayas-quiché.

El transmisor es de 1 KW de potencia. De momento la programación se
hace a cabo de 16,00 a 20,00 horas (guatemalteco). Y trata de los siguientes
temas:

música
Agricultura, salud, puericultura, cocina.
religiosa
para la familia
para la juventud
sobre el Popul Vuh
radiomovelas
noticias, etc.

Radio Mam está afiliada a la Federación Guatemalteca de Escuelas
Radiofónicas y a ALER.

Adjunto encontrará un banderín conmemorativo de la inauguración.

Aprovechamos la ocasión para saludarle muy atentamente,

H. Teresa Herrera
H. Teresa Herrera
SECRETARÍA

POLAND: Radio Polonia

13820 and 15520 f/d

cd. in 3 mos. w/

station sticker.

(Barto-CT).

PORTUGAL: Radio Deutsche

Welle via Sines the

station verified my

email rpt. in 24 ds.

w/ a f/d cd. w/ site

and a "Digital Radio

Mondiale" cd. from

广播收听证

QSL

via Paszkiewicz

兹证明您寄给我的收听报告与本台所播出的节目完全相符。

收听台名: 新疆人民广播电台/汉语节目

收听年月日: 2004年3月29日

收听时间: 00:52 ~ 00:30 UTC

频率: 76.0 kHz

台长: [Signature]
新疆人民广播电台
2004年3月29日



Horst Scholz, Transmission Management. (D'Angelo-PA). 11865 via Sines f/d cd. in 3 mos. (Barto-CT).

SEYCHELLES: BBC Indian Ocean

* Relay Station 6005 the station verified a direct report to Victoria w/ a confirming email including a JPEG picture of the relay station transmitting site in 29 ds. v/s Irene Vidot, Secretary. You may contact her at: Irene.vidot@vtcoms.sc (D'Angelo).

SOUTH AFRICA: Radio Okapi 9635 via the Meyerton

Transmitting Station in 24 ds. v/s Kathy Otto, Broadcast Planning. (D'Angelo-PA).

USA (Pirates): WTCR Twentieth Century Radio 6925 f/d "Spaceship" cd. in 43 ds. for ms. (used). v/s Dr. Morbius. (Wilkins-MO).

Editors Request:

It does not take a genius to realize that contributions to the QSL Column are down a bit from previous years. There are dozens of reasons why. I would like to offer a suggestion. I would like to include,

STATION NOTES: Radio

Bana 5100 v/s Saada Ahmedin, English Panel Officer. Addr: Adult Education and Media, Ministry of Education, P.O. Box 609, Asmara, Eritrea
Radio Oriental 4780

FLORIDA

Tree: Sabal Palm
Capital: Tallahassee
Statehood: March 3, 1845

Florida Miami International
175 Fort Lauderdale BL. #1144
Miami, Florida 33172 USA
www.wrmi.net



WRMI QSL

Date/Fecha (UTC): 2 Nov. 2004

Time/Hora (UTC): 0329.0400

Freq./Frec. (kHz): 7385

[Signature]

Richard A. D'Angelo

2216 Burl.

Wyomissing, PA

19610

ZIP + 4



041553

v/s Luis Enrique Espin, Gerente General. Addr: Avenida Jumandy 536, Tena, Ecuador. Radio Television Djibouti 4780 Email: rtd@intnet.dj
Addr: Boite Postale 97, Djibouti. Radio Reveil Paroles de Vie 9580 via Moyabl Addr: Les Chapons 4, CH-2022 Bevaix, Switzerland. v/s Francis Margot...via PLAY DX...Sam.

along with the regular QSL reports something like the "Musings" Column. Hundreds of our members have received QSLs over the years. They are



Confirmação Oficial de Recepção

~ RÁDIO BARÉ ~

Sr. Jerry Klinck, U.S.A.:

Temos o prazer de confirmar a informação de escuta do dia: 5 OUTUBRO, 2003 na frequência de 4,895 kHz, das 20.54 : 21.26 hs [UTC].
Potência do emissor: 5 kw.

Sinceros agradecimentos.

oficial



BRASIL

reported to the Column, printed in its pages and relegated to the QSL album never to be heard from again. I would like to know, and I believe many of our members would share the same senti-

From: "apintie" <apintie@sr.net>
To: <rdangelo3@aol.com>
Subject: RE: Reception Report
Date: Mon, 22 Dec 2003 09:00:05 -0300



Dear Mr. Richard D'Angelo,

It is with great pleasure we hereby confirm that you have been listening to Radio Apintie on 21 December 2003 from 0316 to 0402 UTC on a frequency of 4,990 kHz.

On 12 December this year we took our new shortwave transmitter (Omnitronics 1000 watt) on the air.

Although the transmitter is used for our interior it is nice to receive reports from outside our country.

The antenna we use is 6 element log periodic beamed to the south.

Thank you for your report,

Wishing you and your family Happy Holidays

Regards,

Charles Vervuurt, Director
Radio Apintie
P. O. Box 595
Verl Gemeenlansweg #37
Paramaribo
Suriname

ment, as to what is your favorite QSL and why. I know I have several of them.

It could be your first shortwave QSL or it could be the one that took a dozen follow up reports. It could be a station that used very low power or one that was only on the air for a very brief period of time. It could be some of the more famous or exotic stations such as from Swan Island, Fiji, the Cook Islands, etc. Whatever the case we would like to hear from you.



Most importantly, tell us the reason(s) why the QSL was one of your prized possessions. I'm sure it will be great reading for all of us. Looking forward to your correspondence...Sam.

STATION NOTES: BBC Relay Station Oman 15575 v/s Afrah Al Orimi, Chief Engineer/Addr: BBC Relay Station, P.O. Box 40, Al Ashkarah, PC 442, Oman. **Radio Pakistan** 15100 and 17835 v/s Iftikhar Malik, Chief Engineer. Email: cfmpbchq@isb.comsats.net.pk Addr: Pakistan Broadcasting Corporation Headquarters, G-5, Constitutional Avenue, Islamabad, Pakistan. **Trans World Radio** 9380 via Almaty, **Kazakhstan** v/s Daniel Devadoss. **Radio Kuwait** 9880 Addr: P.O. Box 397, KU-13004 Safat, Kuwait. **Radio Kyrgyzstank** 4010 Addr: Jash Gvardiya Blvd., 720010 Bishkek, Kyrgystan. v/s Moldokasymov K.S., President...via PLAY DX...Sam.

SWL Winterfest: Ye Editor was looking forward to attending. I had the money saved up, but as usual, something came up. A friend of mine invited me to go to Montana fly fishing for a week on the Madison and Yellowstone River. I couldn't pass up the opportunity. Sorry...Sam.

WWW.RNZI.COM

via Barbours

RADIO NEW ZEALAND INTERNATIONAL
TE REO IRIRANGI O AOTEAROA O TE MOANA-NUI-A-KIWA



Certificado de Sintonía
Radio Comercial
LV del Destino, PERÚ



Estimado Sr. John Sgrulletta:

Muchas gracias por su informe de recepción. Tenemos el gusto de confirmar su control de nuestra emisión en 6324 kHz de fecha 3 octubre 2003 a las 05:40:06-06 horas de Peru con 400 vatios de potencia.

**Q
S
L**

firma

Publicación de la información
de la estación de radio y
de la frecuencia de emisión



PR. O. CARO DÁVILA sello oficial
SECRET

Till the next Column.
Best of DXing.

Country List Committee Report

Don Jensen • 5204 70th Street • Kenosha, WI 53142 • dnjkenosha@acronet.net

Country List Updater

Counting countries logged and verified is a longstanding tradition in the DXing hobby dating back to the 1930s at least. Well over 40 years ago, NASWA—it was NASA then, but the space agency had a prior claim to that acronym—established its own unique list of “radio countries.”

In the years since, usage of the NASWA Country List has spread. It has been voluntarily accepted by many listeners, whether NASWA members or not, around the world. Club members use the list for purposes of NASWA awards, the Journal scoreboard and for their own personal tallies of loggings. The NASWA Country List Committee (CLC) is charged with maintaining the list.

In the last few months, the CLC has been busier than it has been for several years. The committee has taken on a new member. I am pleased to announce the appointment of John Sgrulletta, an avid “country hunter” himself, to the CLC.

He joins CLC members, Jerry Berg, John Fisher, John Herkimer and myself, committee chair Don Jensen. *[Ed note: this column was prepared before the recent notice of John Sgrulletta's passing. See NASWA Notes and Musings for more information about John.]*

Unhappily, changes in the international situation have led to more and more countries leaving shortwave, and fewer and fewer “radio country” targets remaining on the air. There is nothing any of us can do to change that situation.

But not all the news is bad. Since late last fall, the CLC has added two new radio countries to the list. They appear in the Gazetteer Section of the NASWA list as:

MICRONESIA, FEDERATED STATES OF (OC) Part of the Trust Territory of the Pacific Islands until May 10, 1979; independent Federated States of Micronesia since, and in free association with the U.S. since Nov. 3, 1986. Station location: Pohnpei.

This new country is represented by a new religious SW broadcaster, The Cross Radio of Pacific Missionary Aviation.

NAGORNO-KARABAKH (Azerbaijan S.S.R.) (AS) Part of USSR union republic until Aug. 30, 1991; part of independent Azerbaijan until December 10, 1991; separatist government since.

This new country is represented by the SW Voice of Justice in the capital of Stepanakert. The CLC concluded that its status as a quasi-independent country is analogous to that of Abkhazia (Georgian S.S.R.) and Pridnestrovie (Moldavian S.S.R.), both already on the NASWA list.

In other action related to Pridnestrovie (Moldavian S.S.R.) and Moldova (Moldavian S.S.R.), the CLC moved to clarify the situation with a revision to both Gazetteer entries, which now read as follows:

MOLDOVA (Moldavian S.S.R. (EU) Part of USSR union republic until Aug. 27, 1991; independent since. Station locations: Kishinev (Chinisau) and Grigoriopol. Receptions before December 1993 to count as this country.

PRIDNESTROVIE (Moldavian S.S.R. (EU) Part of USSR union republic until Sept. 2, 1990, separatist government since; Reception in or after December 1993 to count as this country.

There had been some confusion about how to count loggings and verifications of SW stations in this "radio country" and MOLDOVA (Moldavian S.S.R.). The CLC recognized that in the past, there was a SW transmitter at Kishinev (the city now generally known as Chisinau), capital of the former Moldavian S.S.R. before the breakup of the Soviet Union. Radio Moscow/Voice of Russia programs once were aired by this station, but this station no longer exists.

Later, there was a station established at Grigoriopol. V. of Russia and other broadcasters' programs were and continue to be aired by the Grigoriopol transmitters.

As the new Gazetteer entries indicate, Grigoriopol lies within territory of the separatist regime of Grigoriopol, which broke free of Moldova. The rest of the former Moldavian S.S.R., constitutes today's independent Moldova, and includes the city of Kishinev (Chisinau), where there no longer are SW transmitters.

Additionally, the Voice of Russia continues to mark QSLs as from Kishinev, although in recent years they have been aired from the Grigoriopol transmitters.

The CLC advises DXers that due to the complexity of the political situation, that Radio Moscow/Voice of Russia QSLs marked Kishinev be counted as Moldova (Moldavian S.S.R.) if the reception was before December 1993. Voice of Russia QSLs marked Kishinev from December 1993 or after should be counted as Pridnestrovie (Moldavian S.S.R.)

The effective result of this admittedly complex situation is that it currently is not possible to log the "radio country" of Moldova (Moldavian S.S.R.) because no SW transmitter presently exists within this territory. It is possible, however, to log the Grigoriopol transmitter, which should count as Pridnestrovie (Moldavian S.S.R.)

And, finally, the Gazetteer entries for a handful of other countries, most of them once part of the Soviet Union, were altered to correct terminology and erroneous dates of "independence," etc.

While it was important to correct such errors, none of them are substantive changes. None will change the way any countries are counted.

Please make sure you are using the current edition of the NASWA Country List. Look on the bottom of page 2 of your list. The latest edition is marked with the Print Date: 1/11/2008. If you have an older edition, the CLC urges you to go to the NASWA website, <http://www.naswa.net/> and print an updated issue.

If you have any questions or suggestions about the NASWA Country List, you may address them to the CLC chairman, Don Jensen, 5204 70th Street, Kenosha WI 53142, or email: dnjkenosha@wi.rr.com 

COUNTRY LIST



& AWARDS PROGRAM

NASWA

The North American Shortwave Association

Scoreboard

Gary R. Neal • 4866 N. Wyndham Rd. • Wichita, KS 67219-5501 • grneal@earthlink.net

This month we are highlighting our members' totals from Africa. Ranking is based upon African Countries Verified. This is your chance to show everyone how well you are doing. The next deadline is May 15th for the June 2008 issue of the Journal. The spotlight will be on South America.

Name, State	Total		African		Best African QSL
	C/H	C/V	C/H	C/V	
Don Jensen, WI	251	248	66	66	RTF Comoros-Mayotte, Dzaoudi
Dan Henderson, MD	249	245	66	66	ORTF Reunion
Marlin Field, MI	244	244	66	66	Kenya (250 w.)
John Sgrulletta, NY	241	240	65	65	R. Comores
Jerry Berg, MA	244	244	64	64	R. Clube Tenerife, Canary Is. (250 w.)
Harold Cones, VA	234	232	64	64	R. Reunion
Tom Williamson, ON	243	230	65	61	ZNB Mafeking, Bechuanaland
Chris Lobdell, MA	224	221	62	61	Zanzibar
Sheryl Paszkiewicz, WI	224	219	59	59	Guinea
Dan Robinson, MD	230	196	62	58	Renunion
Rich D'Angelo, PA	225	223	58	57	R. Mogadishu, Italian Somaliland
Jim Evans, TN	210	201	57	56	R. Leopoldville, Congo - 1962
Steven R. Lare, MI	239	222	62	54	Mauritius
Paul Buer, FL	219	208	60	54	La Voz de la Isla de la Palma (350 w.)
Ron Howard, CA	212	200	57	52	R. Cidade
George Maroti, NY	206	200	53	50	R. Hargeysa
Stephen Leite, MA	209	191	52	49	9HLB Lubusbashi, Zaire
Christos Rigas, IL	217	198	56	46	R. St. Helena
Stephen Price, VA	193	174	52	41	R. Tunisia
Ross Comeau, MA	193	172	52	40	R. Tanzania - Zanzibar
Allan R. Loudell	192	167	50	37	R. Lesotho
Mark Humenyk, ON	169	148	44	34	Channel Africa
James R. Renfrew, NY	189	161	50	33	R. St. Helena
Bill Smith, MA	129	129	33	33	Cape Verde
Jerry Johnston, KY	209	141	58	29	R. St. Helena
John Mosman, WI	120	120	27	27	W. Nigeria Broadcasting Corp.
Dan Srebnick, NJ	156	121	42	26	Ivory Coast
George L. Glotzbach, MN	154	136	30	25	R. Lomé, Togo
David Turnick, PA	144	124	29	25	Zimbabwe Broadcasting Corp.
Scott C. Newman, IN	148	113	37	25	R. Omdurman
Gary R. Neal, KS	137	127	27	22	R. St. Helena
Scott R. Barbour, NH	167	115	42	22	Full Gospel L. P.Church (100 w.)
Paul Brouillette, IL	148	121	39	21	R. Mozambique
Jilly Dybka, TN	145	108	34	21	R. Nacional Angola
Edward G. Stroh, IL	135	104	30	18	R. Mogadishu, Somalia
Gary W. Froemming, AZ	184	44	51	8	ZUD Time Station (S. Africa)
Jerry Ervine, TX	110	60	15	6	Nigeria
Jerry Klinck, NY	220	202			
Bob Raymond, NH	175	150			
Richard Bradley, MA	145	130			



Contributors' Page

Bob Montgomery • 4621 C Street • Philadelphia, PA 19120 • rmonty23@verizon.net

DEADLINE FOR CONTRIBUTIONS IS THE 10th OF THE MONTH

The following members sent in contributions:

Brian ALEXANDER, Mechanicsburg, PA	TenTec RX-340 AOR AR-7030 100' LW
Scott BARBOUR, Intervale, NH	R8, R-75, MLB-1, 200' Beverage
Ray BAUERNHUBER, Whitestone, NY	FRG-100B, 50' wire, MFJ-956 tuner
Jerry BERG, Lexington, MA	R8 19, 41, 90 meter dipoles
Giampiero BERNARDINI, Milano, ITALY	Perseus, T2FD, 15m long
Mike BRANCO, Islip, NY	Grundig Satellit 800
Ross COMEAU, Andover, MA	R8, 60' LW
Rich D'ANGELO, Wyomissing, PA	TenTec R340, Lowe HF-150, DX Sloper
John DAVIS, Johnstown, OH	WJ HF1000A, 435' LW
Gerry DEXTER, Lake Geneva, WI	NRD-515, NRD-545, etón E1
Jim EVANS, Germantown, TN	RX340, 30 m wire, R8B
Jim FEDOR, Wells, NV	R-70, 90m longwire antenna
Bob FRASER, Belfast, ME	Sony ICF-2003 ICF-SW100S 2m LW
Jay GOLDEN, Rochester, NY	R7A, 35' lw
Glenn HAUSER, Enid, OK	FRG-7, DX-398, SW-07, ATS-909, YB400 lw
George HERR, Playa del Rey, CA	G303e. R8B, NRD535, 50' lw
Ron HOWARD, Monterey, CA	NRD545, LW 160', etón E5
Victor JAAR, Longueuil, QUE	Galaxy R530, 30 m wire
William McGUIRE, Cheverly, MD	DX-380
Richard PARKER, Pennsburg, PA	Collins 51S-1, 51-X, R390A, SE3, ant. farm
Mike RHODE, Columbus, OH	WinRadio G-313e, swl end fed sloper
Jim RONDA, Tulsa, OK	NRD-545, R75, etón E1, Eavesdropper
Mark SCHIEFELBEIN, Springfield, MO	Kenwood R-5000, Wellbrook 330S loop
Jerry STRAWMAN, Des Moines, IA	R-8, 313e, 60 mtr dipole, mini whip
Mark TAYLOR, Madison, WI	R-75, Sat 800, EWE, Eavesdropper
John TELKER, Malden, MO	Yaesu VR-5000, random wire
Ken WILSON, Georgetown, KY	NRD545, 746Pro, R5000, ALA1530, 180' lw
Joe WOOD, Gray, TN	DX-390, Grundig Mini 100 PE, whip antenna 

FOR SALE: TenTec RX340 receiver. Asking \$2750.00. I bought it five years ago from the original owner for \$3160.00. It's in very good condition and includes a manual and a computer serial cable. I will pay for shipping and insurance in the lower 48 states. Scott Walker, 610 Park Avenue, New Cumberland, PA. Phone 717-770-5974 (work) or 717-774-2567 (home). Email n3sw@aarrl.net.

Tropical Band Loggings

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

- 2310 **AUSTRALIA VLBA** Alice Springs 1235 Discussion between 2 M; "Baby I Need Your Loving" at 1258; poor; 1/25. (Herr-CA) 1245 Threshold level nx cment from M & W; //2325 & 2485 also in at similar levels by 1315 & all still audible by 1408; 1/27. (Strawman-IA) 1138-1230 Pop vocal selections until 1200; ABC ID & nx in EE followed by features; W ancr returned hosting mx prg; p-f but steadily //2325 VL8T Tennant Creek (p-f) & 2485 VL8K Katherine (p-f); 1/28. (D'Angelo/FCDX- PA) 1206 "Saturday Night Country"; country mx & EE interview w/ W singer; // 2325 VL8T (Tennant Creek) & a few seconds behind 9580 RA; both poor; 2/2. (Taylor-WI)
- 2325 **AUSTRALIA VL8T** Tennant Creek 1256 //2310; poor; 1/25. (Herr-CA)
- 2485 **AUSTRALIA VL8K** Katherine 1257 //2310; last of the three & usually not heard; poor; 1/25. (Herr-CA) 1334 EE interview w/ country singer (probably continuation of "Saturday Night Country" [// 2310-ed.], but I didn't check); 2/2. (Taylor-WI) 1108 Weak signal but strongest of the three NT Australians; 2/4. (Wilkner/RDXP-FL)
- 2850 **N. KOREA KCBS** 1252 Distorted audio; martial mx; fair; 1/25. (Herr-CA) 1310 Usual patriotic choral mx; p-f; 1/27. (Strawman-IA) 1224-1303 Noted w/ talk by M ancr in KK lang; mx fanfare prior to nx at 1300; nice signal at t/in but fading around 1300; 1/29. (D'Angelo/FCDX- PA) 1133 W; weak; good band indicator; ssb log; 2/4. (Wilkner/RDXP-FL)
- 3172.23 **PERU R. Municipal** Panao 2350-0015 Return to freq; 2/8. (Wilkner-FL) 1030-1120; 2/9. Was off the air for over a month. (Wilkner-FL)
- 3185 **USA WWRB** 1251 (P); Light stringed musical fair; presumed ID; not listed at this time but no else on freq to my knowledge; good; 1/25. (Herr-CA) 1334 Brother Scare still going on WWRB not yet on 9385; FCC B07 & HFCC B07 show WWRB on 3185 only until 1300; then 9385; both 100 kW at 340 degrees; barring unpublished changes, it would not be the first time a US SW station has overstayed its welcome on a certain freq; oh oh, the WWRB Global 3 schedule at http://www.wwr.org/schedule/global_3/combined.pdf shows the transition at "9:00 am" which would be 1500; time zone is not specified on the WWRB scheds! But Manchester is well within the Central zone west of the boundary with Eastern; 2/1. (Hauser-OK)
- 3200 **SWAZILAND TWR** 0330 Fair w/ IDs in EE & chimes IS sequence; 1/19. (Ronda-OK) 0322 Relg prgr in EE; fair; 1/28. (Ronda-OK)
- 3204.98 **PNG R. Sanduan** 1250 Native singing in chorus; poor; 1/25. (Herr-CA)
- 3220 **ECUADOR HCJB** Pifo 1126 Prg in Quechua; poor; 2/2. (Ronda-OK) 1115-1135 M & W in Quecha talking w/ short selection of local mx; poor; improving slightly to SINPO 24222; 2/8. (Evans-TN)
- 3230 **S. AFRICA WYFR** Meyerton 1915 Talks in EE; good; 2/4. (Bernardini-Italy)
- 3235 **PNG R. West New Britain** 1245 M DJ w/island-type songs; mx continued thru 1300 without pause; longer talk at 1304 that seemed like it may have included an ID; poor; not much above the noise floor; 1/14. (Schiefelbein-MO) 1240 Island mx w/ ancrment by M at 1245; poor; 1/25. (Herr-CA) 1153-1224 (T); Choral mx, including a gospel song; mostly pop ballads after 1200; M in EE; could only copy a few words here & there "...from...in...with a...we are...radio..."; signal peaked around 1215; classic PNG prgring; local sunrise propagation conditions for PNGs & the only other station on this FQ is an irregular Brazilian; so this is tentative due to the lack of an ID; fair w/ constant noise; 1/27. (Comeau-MA) 1242 56 pop mx w/ occasional ancrment; 1/27. (Strawman-IA) 1344-1350 Talk & songs; not // to R. Manus 3315; poor w/ occasional peaks to fair; 1/27. (Ronda-OK) 1148-1205 W ancr in (P) Tok Pisin b/w indigenous mx selections; lots of percussion/wind instruments & "wailing" vocals straight thru ToH; p-f at best; 2/5. (Barbour-NH)
- 3240 **SWAZILAND TWR** 0335 f-g w/ M speaking in Ndaui; 1/19. (Ronda-OK) 0331-0345* M w/ ID & talk in Ndaui lang followed by choir vocals & relg talks; EE ID at closedown followed by IS; carrier remained on for another two minutes before being terminated; f-g; 1/25. (D'Angelo-PA) 0313-0322 Mx at t/in; ancr in lang w/ ID; banter w/ W followed by talk until 0319 choral mx; fair; 2/3. (Barbour-NH)
- 3250.07 **HONDURAS R. Luz y Vida** 1243 SS mixed w/ co-channel DPR Korea martial mx; fair; 1/25. (Herr-CA) 3250 1103-1200 Unmodulated carrier; 1106 opening ancrments & ID by M followed by anthem; talk by M in EE translated into SS by W; 1140 ancrments by M; local mx & more talk to 1200 t/out; Initially poor; improving to good (SINPO 34333); 2/8. (Evans-TN) 3249 1236 Lively morning prg; birthday greetings in SS; f-g; 1/26. (Ronda-OK) 3249.9 0335 Long talk in SS; poor; sometimes peaking to fair; 2/9. (Ronda-OK)

- 3279 **ECUADOR LV de Napo-R. Maria** Tena 0455 Relg prg by W in SS; poor; 1/26. (Ronda-OK) 3279.9 1056-1116 Mx ending prg; M w/ SS relg talk & several IDs at 1100; vocal at 1105 followed by more relg talks; fair; 1/26. (D'Angelo-PA) 0410 "Radio Maria" at t/in; M in SS; slow ballad-style song; fair; 2/1. (Taylor-WI) 3279.6 1100-1110 "atencion.. Sra Lopez"; 2/4. (Wilkner/RDXP-FL)
- 3279.99 **CHINA VO Pujiang** 1244 W w/ talk prg in CC; fair; 1/25. (Herr-CA) 3280 1146-1202 (P); Ancr in unid lang; weak under band noise; w/ occasional mx bits; ballad at 1155; pips at ToH followed by ancr; possibly // 4950 weak at imagination level; poor; 2/3. (Barbour-NH)
- 3289.98 **PNG R. Central** 1143-1200* Island mx at t/in w/ EE ancr b/w selections; "Lady in Red" followed by "You are listening to Nat'l BC Corporation..." ID at 1156; brief mx & ancr into NA at 1159; poor; 1/22. (Barbour-NH) 3290 1007-1033 (T); Indigenous mx & singing; followed by series of conversations in vernacular; weak; also heard 1059-1131 & 1155-1200*; nx (seemed to be segment in vern. & EE); 1105 DJ playing C&W songs ("Islands In The Stream" by Kenny Rogers & Dolly Parton, etc.); NA before s/off; rare for me to hear them above threshold level; 1/25 (Howard-CA) 1149-1159* Pop songs in EE; NA at s/off; CW QRM; 1/26. (Howard-CA) 1126-1207* Prg consisting of long talks by M occasionally talking to another M; not very interesting as I waited for mx; finally, s/off w/ orchestra NA; poor; 1/28. (D'Angelo/FCDX-PA) 1143-1159* Ancr in EE b/w ballads; only able to fully hear a few words; NA at s/off; poor; 2/2. (Barbour-NH)
- 3310 **BOLIVIA R. Mosoj Chaski** 2350 Local tlk & mx; poor in noise; not heard in a while; 1/26. (Strawman-IA) 2317-2335 Talk in Quechoa by W ancr in SS hosting prg of rustic vocals; 2328 canned ID & ancments w/ echo effect by M & W; into SS prgrming at 2331; poor; 1/28. (D'Angelo/FCDX-PA)
- 3315 **PNG R. Manus** 1134-1218 In Tok Pisin & EE w/ prg of C&W traditional ballads plus Everly Brothers "Take A Message To Mary"; Cindy Lauper "Time After Time"; 1200 choral anthem followed by exotic bird calls; seemed to be relay of NBC, brief news in EE w/ wx forecast ("showers"); DJ playing pop songs; IDs heard: "here on Radio Manus" & "NBC National Radio"; mostly fair; best in USB; 1/27. (Howard-CA) 1248 S8 pop mx at t/in; rising to S9 by 1345; 1/27. (Strawman-IA) 1256-1350 Poor; increasing to fair w/ talk & a variety of pop mx; some QRM from what seemed a MARS net at 1259; continued fair w/ mx prg until 1350; 1/27. (Ronda-OK) 1303-1312 In EE w/ NBC nx & mx; good; it sure is great to hear the PNG's at this level; 1/27. (Wilson-KY) 1306 M DJ in vernacular w/the usual PNG mix of western light pop & island/reggae tunes; several tunes played back-to-back w/no talk at all; still going when it finally faded out around 1350; fair; 2/7. (Schiefelbein-MO)
- 3320 **N. KOREA Pyongyang BS** 1246 Stirring martial/operatic mx fair; 1/25. (Herr-CA)
- 3320 **S. AFRICA R. Sonder Grense** Meyerton 0055-0100 W ancr in Afrikaans; mx & call-ins; 30dB pernal until QRMed by Navy MARS net at 0100; exc; 12/31. (Parker-PA)
- 3329.53 **PERU Ondas del Huallaga** Huánuco 1100-1110 Drum based exotic mx; "...ay caramba... en elOndas del Huallaga..."; vg signal; 1/23. (Wilkner-FL) 1043; Mx at 1050; 2/4. (Wilkner/RDXP-FL) 3329.71 1100; 1110-1120 W w/ M as conditions to Latin America have deteriorated in the last few days; 2/12. (Wilkner-FL)
- 3334.95 **PNG R. East Sepik** 1247 Mx w/ W ancr; C&W 1304 in EE; fair. (Herr-CA) 3335 1201-1210 (T); Nx in EE (police report, etc.); wx (list of cities; all having "showers"); DJ playing pop songs, weak; 1/26. (Howard-CA) 1250 Similar prgrming to others heard; p-f; 1/27. (Strawman-IA) 1256-1302 ID & TC at 1300 w/ anthem into NBC nx; good; 1/27. (Wilson-KY) 3335 1241-1305* W DJ spinning island & light pop tunes; NA then switched to apparent relay of national network (w/ nx in EE) for a few minutes before pulling the plug; fair; 2/7. (Schiefelbein-MO)
- 3340 **HONDURAS R. Misiones Internacionale** Comayagüela 0004 Modern-sounding pop/rock mx w/ lots of quick ancments & promos scattered in b/w; ID in passing as "Radio Misiones" noted a few times; audio seemed somewhat low; have not heard this station in a while & I see no logs in the NASWA Flashsheet since last November; fair; 1/30. (Schiefelbein-MO) 0110 Strong signal after being off for a week; ID by M w horn sound effects & others that sounded like Disney cartoons; 1/30. (Wilkner-FL) 0205-0217 Rapid fire SS anncr w/ lite, pop-like mx; (T) ID in passing at 0213; weak but clear w/ mild fades; 1/31. (Barbour-NH) 0503-0525 (P); Talk by M & W in SS followed by what sounded like contemporary relg mx at 0505; poor w/ heavy fading & atmospheric noise (SINPO 22222); no ID heard; 1/31. (Evans-TN) 0510-0536 (P); Faint but clear signal for praise & worship mx in EE w/ M ancr in SS; poor; 2/2. (Wood-TN) 3339.99 0235-0345 SS pops/ballads; ancments; promos; relg talk at 0303; ID; contemporary Christian mx; f-g; 2/3. (Alexander-PA) 1040 Relg message; "Gracias Senor Por su Amor..."; 2/4. (Wilkner/RDXP-FL) 0228 In SS w/ Christian rap mx; ID at BoH; S5/fair; 2/8. (Wood-TN) 1115-1205 (P); Slow relg mx & M in SS; change at 1201 to M & W talking w/ upbeat relg mx in background; moderate signal w/ significant atmospheric noise & fading (SINPO 34222); 2/8. (Evans-TN) 0435 Fair w/ what sounded like a live relg prg w/ talk in SS & lots of lively songs; 2/10. (Ronda-OK) 0712-0803 US produced EE relg prg w/ SS translations; EE relg prg at 0733 w/out any SS talk; gave California address; SS contemporary relg mx at 0738; another US produced EE relg prg at 0803 & religious mx; fair; 2/10. (Alexander-PA)

- 3345 **PNG R. Northern** 1206-1213 EE pop mx by Blondie, ballad by Bette Midler w/ ancr in lang b/w selections; poor, still audible on subsequent re-checks; 1/22. (Barbour-NH) 1247 Island mx w/ M ancr; fair; 1/25. (Herr-CA)1205-1228 W in lang b/w EE disco-era selections by Lipps Inc./ Donna Summer; also pop mx in lang; p-f; 1/26. (Barbour-NH)
- 3345 **S. AFRICA Channel Africa** Meyerton 0350 f-p w/ prg in EE; ID in EE at 0359; 1/19. (Ronda-OK) 0352-0413 Lively African vocals w/ drums hosted by M ancr w/ EE talk; 5+1 times pips at 0400 followed by M ancr w/ ID & another M w/ the nx; fair but somewhat noisy conditions; 2/2. (D'Angelo-PA)
- 3365 **PNG R. Milne Bay** 1203 (P); Ancr in lang w/ mx; barely audible under band noise; 1/22. (Barbour-NH)
- 3390.14 **BOLIVIA Em. Camargo** Camargo 0100-0020 Weak signal; no UTE interference; best recording of this I have heard was made by Dave Valko a year ago; 1/30. (Wilkner-FL)
- 3396 **ZIMBABWE ZBC** 2340-0002 Ancr in lang b/w Afropops & Afroballads; no discernible ID noted; weak but clear; 1/23. (Barbour-NH) 0133-0315 Started out poor, quickly came up to fair & then on to extremely good reception; 133-0205 heard w/ alternate segments of African hילה mx & M talking in lang over the mx; 0205 changed prg to ballad/soul/rap songs; back to hילה; gospel & pop songs in lang & EE (song "True Colors"); 0300 drums; IDs in EE: "Zimbabwe Broadcasting Corporation, Radio Zimbabwe, shortwave"; drums again; repeat of same ID; long list of cities w/ their FM freqs (Harare FM 96 MHz, etc.); list of SW freqs & details of being times; back to hילה mx & in lang; the whole time 4828 was also well heard; not parallel; w/ non-stop mx (hילה, gospel songs in EE, etc.) but with no ancments; super enjoyable listening! 1/27. (Howard-CA) 0103-0108 M ancr in lang and mx; weak but 100% readable; 12/31. (Parker-PA) 0149-0202 Usual format of ancr in lang b/w easy listening Afropops; (P) phone number given at ToH; as usual, no discernible ID noted; weak but clear; 2/1. (Barbour-NH)
- 3810L **ECUADOR HD210A** Guayaquil 0113-0 115 Weak signal; still readable through ham QRM; 12/31. (Parker, PA)
- 3905 **PNG R. New Ireland** 1215-1233 Continuous lite pop mx w/ ancr in (T) EE b/w selections; (T) "You are listening to..." ancment at 1217; f/out after BoH; poor w/ mild USB chatter; 1/22. (Barbour-NH) 1300 Mx; W in EE; s/off w/ anthem; fair; 1/25. (Herr-CA) 1135-1225 Prg of island vocal selections hosted by W ancr w/ EE/Pidgin talk; p-f; 1/28. (D'Angelo/FCDX-PA) 1130 Noted again next morning w/ mx prg at slightly improved level; 1/29. (D'Angelo/FCDX-PA) 1206-1236 W ancr in Tok Pisin w/ nx at t/in; bits of EE; "...economic...April...Sudan..."; indigenous mx/ballads from 1211 thru t/out w/ W ancr b/w selections; more EE bits at 1217; ".national...one week..."; fair at t/in & holding steady, started to fade around 1225. (Barbour-NH)
- 3925 **JAPAN R. Nikkei** 1243 Lively exchange in JJ b/w M & W; quick Nikkei ID at 1245; good; 1/27. (Ronda-OK)
- 3985 **CROATIA Hrvatski Radio** Deanovec 0254-0300 Cool jazz tune into more pop/lounge song; time pips to ToH & EE ID for Croatia Today prg; good; 434; 1/29. (Wood-MA)
- 3987 **INDONESIA RRI Manokwari** 1302 Pop mx w/ Indo cmments; poor in HRO slop but fair at times; 1/26. (Strawman-IA)
- 3995 **INDONESIA-SULAWESI RRI Kendari** 1350 (P); Weak w/ pop mx; Pontianak-3976 also in at 1408 w/ pop mx but weaker; 1/26. (Strawman-IA) 2151-2220 M ancr w/ talk in Indonesian until mx fanfare at 2159 followed by SCI; M w/ RRI ID prior to Jakarta nx but a loud growl dominated the channel at that point making further reception impossible; p-f until the growling began; 1/27. (D'Angelo/FCDX-PA)
- 4005 **VATICAN CITY R. Vaticana** 2217-2230 M ancr in Italian w/ relg talk; ID at 2220; chruch bells followed by choral chanting/prayer until BoH; f-p; 2/ 5. (Barbour-NH)
- 4052.5 **GUATEMALA R. Verdad** Chiquimula 0430-0500 M ancr in EE w/ Christmas mx; enormous 60-70db signal; 12/20. (Parker-PA) 0438-0520 Prg of soft relg vocals to 0500 SS ID & ancments by W ancr; after a brief instrumental mx segment; a M ancr gave the station ID in EE as "Radio Truth." A couple of EE lang relg vocals followed w/ an EE talk at 0514; fair; 1/4. (D'Angelo-PA) 0515-0535 In EE w/ Hymns & short devotional talks between them; signal was good w/ fair audio; 1/19. (Wilson-KY) 1116 "Las Palabras de Dios"; 1/31. (Wilkner-FL)
- 4220 **CHINA Qinghai PBS** 2340 In listed Tibetan w/ Central-Asian style vocals & M ancr taking a couple of listener phone calls (requests?) between songs; 5+1 pips at 0000 & ID w/echo effects by W; remarkable S9+ signal on apparent greyline prop; near armchair copy; slight QRM from a warbling ute, otherwise good; 1/14. (Schiefelbein-MO)
- 4330 **CHINA Xinjiang PBS** Urumqi 1250 (P); Listed Kazakh svc had vocal mx at threshold level; poor overall; 1/26. (Strawman-IA) 0205-0220 M & W ancrs in Kazakh; slow Kazakh mx w/ M vocal; W calling into show; best in LSB to avoid CW QRM; fair; 1/5. (Parker-PA)
- 4409.79 **BOLIVIA R. Eco** 2306-2318 (P); M w/ SS mx & talk; poor under band noise; unusable at t/out; 1/23. (Barbour-NH) 0218-0230* EZL SS mx; ancr at 0024 w/ distorted audio; mx from 0226 until pulled the plug at 0230; poor; 1/27. (Barbour-NH)

- 4450 N. KOREA **KCBS** Pyongyang 1203 (P); Martial mx w/ M ancr in KK; just above static threshold in quiet conditions; 1/3. (Taylor-WI)
- 4451.202 **BOLIVIA R. La Cruz del Sur** 2350 M talk; no mx; ...off; 2/9. (Wilkner-FL) *2354 2/8. IDed by Lucio Otavio Bobrowiec; (Wilkner-FL)
- 4460 **CHINA CPBS** Beijing 2328-2345 Mx to ID at 2330 followed by various talk features in CC; series of promotional ancnmts at 2340 followed by another talk segment; fair; 1/27. (D'Angelo/FCDX-PA)
- 4495.88 **PERU R. Frecuencia VH** 2320-2333 (P); M w/ SS mx & talk; canned annmt at 2331; signal too weak under static to ID; poor; 1/23. (Barbour-NH)
- 4605v **INDONESIA-IRIAN JAYA RRI Serui** 1228-1238 Mx at t/in; W in Indo at 1230 w/ presumed Jakarta nx relay; poor, tough time locking in freq; 1/26. (Barbour-NH) 4605 1233-1315 prg of continuous Indo pop tunes until 1300 when time pip noted followed by (P) ID & local nx; poor & fading; 1/29. (D'Angelo/FCDX-PA) 4604.8 1115-1120 Strong signal; 2/4. (Wilkner/RDXP-FL)
- 4699.4 **BOLIVIA R. San Miguel** 2305-2317 M ancr w/ usual long SS lang talk; rustic vocal selection followed by another talk w/ TC & ID at 2313; poor; 1/28. (D'Angelo/FCDX-PA) 4699.35 1016-1032 Two M w/ SS talk thru BoH; weak but clear; 2/8. (Barbour-NH)
- 4716.65 **BOLIVIA R. Yura** Yura 2300 Returned to freq after a weeks absence 2300; 2/8. (Wilkner-FL)
- 4732 **BOLIVIA R. Universitaria** Cobija Pando 0930 W/ RTTY also present; seemed just an open carrier at 0930; mx much later at 1055 recheck; 1/22. (Wilkner-FL) 0800 Only RTTY till 1020; recheck at 1105; good signal but fading out; 1/23. (Wilkner-FL) 2350-0000 Locator en espanol y musica Boliviana; this under rryrryrryrry of tty & CODAR; still Universitaria is dominating on this good CP night; ex; 1/28. (Wilkner-FL) 0135-0149* Prg of lively vocals hosted by M w/ SS talk; TCs & IDs w/ buenas noches at closedown; no NA at s/off; p-f w/ moderate splatter from CODAR but very heavy; although intermittent; RTTY QRM; 1/29. (D'Angelo/FCDX-PA) 1046-1107 Harmonizing trios & piano mx; surprising strength after f/out of R.Yura 4717v & R.San Miguel 4699v; 1/29. (Wilkner-FL) 1035-1058 "...Emisora de Bolivia. en el departamento de ... [sound effect] ..metros, Radio Universitaria..." by W; followed by canned sound effects & two repeated IDs; this the strongest signal yet from R.Universitaria, the f/out is very rapid! 1/31. (Wilkner-FL) *1100-1110 W/ mx; no ID slogan heard; good; 2/4. (Wilkner/RDXP-FL) 4732.02 0033-0315 (P); Very weak, threshold signal at times w/ SS ballads & talk; too weak to catch an ID; 1/19. (Alexander-PA) *1014-1032 Musical bit & brief M in SS at s/on; ballad followed by ID annmts at 1019; various ads/promos thru 1024 then mx thru t/out; p-f; 1/25. (Barbour-NH) 1045-1050 Nice SS vocal ballads w/ brief ancr at 1048; weak; f/in & out; 2/5. (Barbour-NH)
- 4746.8 **PERU R. Huanta 2000** 1059-1110 M ancr w/ SS talk; ID & TC; hosting prg of OA mx; p-f; 1/29. (D'Angelo/FCDX-PA)
- 4750 **INDONESIA RRI Makassar** 1008-1042 (P); Bahasa Indonesian pop songs; segments of reciting from the Qur'an; holding up well against CNR-1; has been a while since I last hear this above threshold level; 1/24. (Howard-CA) 1423 Fairly good & better than it has been recently; as late as 1423; M & W in Indo talking over mx; a quick check for VOI found it still on 9526 around the same time; 1/25. (Hauser-OK) 1352 Signal was S6-7 w/ extended chatter by W into pop mx at 1354; 1/27. (Strawman-IA) 1356 Poor w/instrumental mx; no ID at 1400; talk in Indo at 1404 recheck; poor; 1/27. (Ronda-OK) 2143-2232 Mx prg until SCI; RR ID & Jakarta nx w/ several IDs during the nx prg; national nx at 2206; ended at 2212 followed by local ID & mx prgrming; p-f at t/in w/ CODAR QRM but signal steadily improved to good during the nx; quite enjoyable; 1/27. (D'Angelo/FCDX-PA)
- 4754.9 **BRAZIL R. Imaculada Conceição** Campo Grande 0620-0613 W in PP; mx bridges w/M vocal & touch tone dialing; only fair due to strong CODAR; 12/5. (Parker-PA)
- 4760 **ANDAMAN & NICOBAR ISLANDS AIR Port Blair** 1140 F/in w/ subcontinental mx; W at 1157 & 1217; providing a steady signal; 2/4. (Wilkner/RDXP-FL)
- 4760 **INDIA AIR** (Leh? Port Blair?-ed.) 1410 Snatches of audio at near imagination level; not heard in a LONG time; 1/27. (Strawman-IA)
- 4760 **INDIA AIR Leh** 1250 (P); S. Asian mx w/ M ancr in Hindi or Kashmiri; poor; 2/2. (Taylor-WI)
- 4760 **LIBERIA ELWA** Monrovia 2254-2303* In EE w/ relg mx; short relg talk by M; anthem at 2300 followed by a couple of minutes of unmodulated carrier to 2303*; poor signal (SINPO 22222); 1/17. (Evans-TN) 2030 Talks; fair; 1/26. (Bernardini-Italy) 2217-2232* Prg of vocals until closing ID & ancnmts by M in EE prior to orchestra NA; good signal; 1/27. (D'Angelo/FCDX-PA) 2253 In EE w/ mx at 2253; s/off ancnmt & anthem at 2259; signal was f-g but bassy mIQ made the audio VERY hard to understand; 1/30. (Wilson-KY) 2213--2303 In EE & ocal langs; M w/ short conversation w/ W (call in?) hymn; prg of Contemporary Christian mx w/ W ancr; 2300 ID; prg info & sched; NA; 2303 off; p-f; 2/1. (Taylor-WI) 4759.97 2250-2302* Contemporary Christian mx; EE ID & closing ancnmts at 2300; NA at 2301; fair; 2/1. (Alexander-PA) 1912 Relg talks in EE; f-g; 2/5. (Bernardini-Italy)
- 4760 **SWAZILAND TWR** 1655 Talks in lang; off at 1657; 1/26. (Bernardini-Italy)

- 4770 **NIGERIA R. *Nigeria Kaduna*** 2135-2141 M anc in lang; drama in EE; in the clear & QRN free w/ 40dB signal; 12/26. (Parker-PA) 0450 Light pop instrumental mx; ID at 0459; fair; 1/26. (Ronda-OK) 2220-2301* Heavily-accented M DJ in EE w/ a selection of EZL tunes; ID & closing ancmnts to NA; some thunderstorm QRN but f-g overall; 1/29. (Schiefelbein-MO) 2236-2301* Mellow pop mx w/ ancmnts & IDs by M in EE; nx headlines at 2255 followed by mx at 2257; closing ancmnts by M at 2259; anthem to 2301*; good signal w/ fading (SINPO 34323); 1/29. (Evans-TN) 0435-0516 Choral singing followed by M w/ prayer in EE; appeared to be a relg prg w/ other choral selections & relg talks; ID at 0500 followed by nx w/ numerous remote reports; fair; 2/7. (D'Angelo-PA)
- 4775 **PERU R. *Tarma*** 1112-1127 Fast talking M anc w/ SS talk; IDs & TCs; hosting prg of OA mx; p-f; 1/29. (D'Angelo/FCDX- PA)
- 4775 **SWAZILAND TWR** Manzini 0422 Relg prg in GG; poor; 1/23. (Ronda-OK)
- 4777 **GABON RTG** 0510-0530 M & W anc in FF; upbeat mx; loud 50dB signal mostly overcoming strong CODAR QRM; 12/20. (Parker-PA) 0520-0534 09 M anc in FF w/ a Saturday morning wake up show; many "Bonjours" to go along w/ the Afropop & 1970s US pop mx; the best signal from this station in a long time. S9+10/g-vg; 2/8. (Wood-TN)
- 4780 **DJIBOUTI RTD** Doraleh 0354-0415 HoA mx w/ short AA ancmnts by M; talk by M at 0401; more mx at 0406; strong signal w/ CODAR interference (SINPO 43333); audio somewhat low; 1/26. (Evans-TN) 1659 Talks & songs; exc; 1/26. (Bernardini-Italy) 0347 EZL African pop vocals w/ "zipper" CODAR; f-p; 1/27. (Ronda-OK) 1934 Songs; really good signal; 2/4. (Bernardini-Italy) 0304 R. Cultural Coatan s/off at 0303 w/ Djibouti coming up within a minute; Qu'ranic recitations in AA; apparent cmentary in local lang (Afar?); fading down & gone by 0320; plagued by both CODAR & occasional digital bursts on USB; fair signal; poor QRM; 2/8. (Taylor-WI)
- 4780 **GUATEMALA R. *Cultural Coatan*** 0155-0207 M & W anc in SS; exc rancho mx prgm; huge 90dB signal in the clear; louder than Ethel Merman w/ her hand caught in a car door! 1/2. (Parker-PA) 1333 A regular here in the mornings; unfortunately I don't usually fire up until after sunrise. Following John Wilkins' hypothesis that XERTA might be on 4780 too, I paid more attention than usual: around 1333 mariachi mx, mixed w/ talk but hard to ascertain lang, suspect not SS; 1401 ID mentioning 60 metros, but could not catch name of station; musical bed w/ the ID was, incongruously for either; "London Bridge"; afterwards in talk segment, evidently preaching, in non-SS, except for an occasional recognizable SS word such as "capitulo"; "versiculo", i.e. chapter & verse in Bible quotations; gradually fading but still audible at 1410; almost gone by 1420 when I quit. I doubt that XERTA in the DF would be b/cing in any native lang, but TGLT certainly does; meanwhile, nothing more than a carrier detectable on 4800, if that was XERTA; there was no more than one signal on 4780, aside from the constant CODAR sweeping by that and 4800; then I see Scott Barbour's rpt of Jan 17 that TGLT s/on at 1129 w/ "London Bridge"; that clinches it for me; 1/18. (Hauser-OK) 4779.97 0235-0303* Local mx; SS ancmnts; ID; closing ancmnts at 0302; fair but some QRM from Djibouti 4780 at their 0300 s/on; 1/20. (Alexander-PA) *1030-1040 S/on w/ SS choral mx; ID anmnt "...Guatemala...Radio Coatan...4780 kHz onda corta..." brief anncr at 1035 followed by mx thru t/out; fair w/ mild het via 4781v-Bolivia; 1/24. (Barbour-NH) 0235-0259* Prg of vocals & marimba mx hosted by M w/ SS talk & periodic IDs; close down at 0258 w/ M anc providing several IDs while instrumental mx played in background; p-f signal but a growling noise in channel & CODAR made a mess of things; 1/25. (D'Angelo-PA)
- 4781.40 **BOLIVIA R. *Tacana*** Tumupasa 1000 Poor w/ CODAR dominant; recheck 1017 w/ improved signal; into mx w/ locutor ID at 1021 as "Radio Tacana"; flauta andina stayed in w/ decent signal till 1105; best signal in months; 1/23. (Wilkner-FL) 1014-1030 M w/ SS talk b/w musical bits; lite SS mx; ID at 1025; poor w/ CODAR; QRMed at 1030 via 4780 R. Coatan-Guatemala s/on; 1/24. (Barbour-NH) 1033 (P); Heard just about a minute of SS W anc before signal wiped out by 4780-R. Coatan s/on; poor under CODAR; 2/8. (Barbour-NH) 4781.48 1050-1100 Noted w/ good signal; 1/29. (Wilkner-FL) 4781.5 *1012-1038 M w/ ID & opening ancmnts in SS hosting prg of rustic vocals w/ TCs & IDs; ew for me & tnx to recent logs of Bob Wilkner & Scott Barbour; poor but relatively clear despite CODAR QRM until Guatemalan opened on 4,780 kHz deteriorating reception to almost useless at that point; 1/29. (D'Angelo/FCDX- PA)
- 4790 **INDONESIA-W. IRIAN JAYA RRI *Fak Fak*** 1238-1250 Indo ballads w/ brief talk by anc; slipping under CODAR by t/out; poor; 1/26. (Barbour-NH) 1355 Similar level & prgrmng as Makassar but suffering from CODAR; 4870 Wamena also in but poor ; 1/27. (Strawman-IA)(P) 1358 Poor but readable w/ instrumental mx; (P) ID at 1400; 1/27. (Ronda-OK) 2138-2200 Talk by M anc followed by W anc in Indonesian w/ some mx; generally poor due to CODAR QRM & very faint for SCI at 2200; 1/27. (D'Angelo/FCDX- PA) 1130 Noted again at good level but faded down to poor by 1200; 1/28. (D'Angelo/FCDX- PA) 1348 W in Indo; S. Asian sounding mx; more talk; western pop; poor; 2/2. (Taylor-WI)

- 4790.20 **PERU R. Visión** Chiclayo 0209-0218 Loudspeaker preacher in SS; 40dB signal overcoming CODAR nicely; 1/2. (Parker-PA) Not heard 0750-1100; 1/23. (Wilkner-FL) 0958-1008 Back on after several days absence w/ familiar format of M anc & "live" relg svc; poor under static; also sounds like possible modulation problems; 1/25. (Barbour-NH) 4790.1 0046-0215 Mix of OA vocals w/ local anc chatting it up b/w mx selections & relgi talks before a live audience; p-f w/ some CODAR QRM; 1/29. (D'Angelo/FCDX- PA) 4790.15 0103 Usual SS preacher before a live audience both preaching & singing; fair; 2/3. (Taylor-WI)
- 4800 **CHINA CPBS** Geermu 2234-2245 M & W w/ talk in Mandarin; (P) ad string at 2245; p-f under CODAR; better on //4460-Beijing; 2/4. (Barbour-NH)
- 4800 **GUATEMALA R. Buenas Nuevas** San Sebastian 0330-0345 M anc & mx in SS; good signal but strong CODAR was trashing it; 1/15. (Parker-PA) 4799.75 1235 M anc on t/in w/ cmentary & a couple of near-immediate IDs as "Radio Buenas Nuevas" amid his talk; slight heterodyne from something on or near 4800 (XERTA?); but too weak to tell what it might have been; f-g; 2/7. (Schiefelbein-MO) 4799.79 0415-0433* Local relg mx; SS talk; closing ancments w/ ID at 0432; poor signal in noise; CODAR QRM & slight het from (P) Mexico 4800; tnx to Mark Schiefelbein for tip; 2/8. (Alexander-PA) 4799.816 1230-1305 Same W as before; marimbas on the hour; M ID after the hour. Per M. Schiefelbein log in Cumbre; 2/8. (Wilkner-FL) 4799.9 0024 Clear ID in SS; poor; 2/9. (Ronda-OK)
- 4800 **MEXICO XERTA** 0242-0335 (P); Segments of non-stop relg mx & singing; segments of talking (preaching?); weak w/ usual CODAR QRM; still no ID but best reception so far; 1/15. (Howard-CA) 0350 Light classical mx; f-p; 1/15. (Ronda-OK) 0300 Similar prg; no ID heard; 1/19. (Ronda-OK) 0920 Excellent signal w/ mx; off the air at 0955 recheck; period of testing? 1/23. (Wilkner-FL) 0939-1015 Distinctive prg of non-stop songs by children in SS; clearly parallel to their live audio streaming <http://www.xertaradio.com/transmission.htm > (tnx to Mark Schiefelbein for noting this way for positively ID'ing them); still no ID heard; fair; decent strength but some splatter from an unusually strong Brazil on 4895; CODAR QRM; 1/26. (Howard-CA) 0344-0436 Continuous prg of vocals; poor signal & QRM from CODAR making this difficult; 1/28. (D'Angelo/FCDX- PA) 0700 (P); Mx in quick check; heavy CODAR QRM; have not had much sign of this before so maybe improved antenna &/or power; 2/3. (Hauser-OK) Seems on an irregular sched on this freq; 2/9. (Wilkner-FL)
- 4805 **BRAZIL R. Difusora** Manaus 1035-1041 In PP w/ ad string, "Difusora" jingle ID's & M anc; fair; 2/5. (Barbour-NH)
- 4815 **BRAZIL R. Difusora** Londrina 0219-0226 M anc & mx in PP; f-g despite CODAR; 1/2. (Parker-PA)
- 4815 **ECUADOR R. El Buen Pastor** 0127-0140 M in SS w/ comment/sermon & another M giving one or two word interjections; mentions of Ecuador & economia into Andean mx; TCs then more mx; above CODAR & static; good; 333; 1/30. (Wood-MA) 0238-0301* (T); W w/ SS pop & ballads; canned promo w/ (T) ID & mentions of Ecuador amid heavy echo effect; closing ancment over mx by deep-voiced M then off at 0301; some CODAR QRM & splatter from whatever the racket is on 4810; fair; 1/30. (Schiefelbein-MO) 0257-0302 Noted w/ M anc in SS w/ talk & eventually ID; closedown ancments; off w/out an anthem; fair; 2/2. (D'Angelo-PA) 4814.93 1110-1115 "...en las constitucion ..mucho mas directo y la grande ..." two M in rapid SS; strong signal; 2/12. (Wilkner-FL)
- 4820 **INDIA AIR Kolkata** 1333 Mixing w/ PBS Xizang-Lhasa; alternated being on top of each other; mixture at S6 level; 1/27. (Strawman-IA) 1232 S. Asian mx w/ W anc in Hindi; 2/2. (Taylor-WI)
- 4824.9 **BRAZIL R. Canção Nova** Sao Paulo 0532-0537 M & W in PP; poor band conditions & strong CODAR; p-f; 1/10. (Parker-PA)
- 4828 **ZIMBABWE ZBC** 0238-0328 (P); Non-stop soul/gospel type singing in EE; seemed to be the same singer for all the songs, not the usual African hilife mx & songs; mostly fair w/ CODAR QRM; no ancments of any kind; 1/24. (Howard-CA) 1702 Pop songs; good; 1/26. (Bernardini-Italy) 0247-0305 (P); Non-stop mx; mostly S. Africa group style singing; no pause or ID at ToH; poor; 2/1. (Taylor-WI)
- 4834.92 **PERU R. Maranon** Jaen 0145-0315 Romantic SS ballads; Peruvian mx; SS ancments; weak; poor in noisy conditions; 1/19. (Alexander-PA) 0225-0235 SS ballads & ancments; promos; ID; poor; weak; 2/2. (Alexander-PA) 4835 0235-0250 M & W anc in SS; slow pops & canned ID w/ M reverb anc; best in LSB; fair; 1/5. (Park-er-PA) 4835.4 1046-1101 M & W w/ talk in SS; IDs in passing; (P) ad strings b/w more anc talk; ancment at ToH; fair; 2/4. (Barbour-NH)
- 4840 **INDIA AIR Mumbai** 1318 M speaking in Hindi; poor; 2/2. (Ronda-OK)
- 4845 **MAURITANIA R. Mauritanie** Nouakchott 2142-2149 M talks in lang [AA?-ed.]; outstanding 60dB signal; 12/26. (Parker-PA) 0227-0235 exc aborigonal mx w/ W vocal; full quieting w/ 70dB signal; 1/2. (Parker-PA) 0350-0403 Sitar mx; M & W anc; needle bending 100db signal; you could hear a pin drop in their studio! 1/5. (Parker-PA)
- 4850 **INDIA AIR Kohima** 1305 (P); Snatches of M in Hindi & S. Asian mx; strong digital signal on LSB; v.poor; 2/2. (Taylor-WI)

- 4860 **INDIA AIR Delhi** 0236-0239 M & W ancrs in lang; mx bridges; nearly buried in 20dB noise floor; 1/2. (Parker-PA) 1203-1240 While listening to 4895 kept checking this as a strong tone signal was on until 1215; from 1215-1218 there was only an open carrier; then the familiar AIR IS came on; followed by cmntaries about Sir Edmund Hillary and American-Indian nuclear cooperation; followed by prg ancmnts; ID & nx at 1230 focusing on PM Singh's talks w/ China; good; 1/14. (Comeau-MA) 1208-1233 W w/ Hindi lang talk hosting a prg of Hindi vocals & sitar mx; long talk commenced by M at 1215; Hindi nx at 1230; p-f; 1/28. (D'Angelo/FCDX- PA) 1241 Subcontinent tunes back-to-back; eventually a M ancr w/ talk that was difficult to make out in noise; followed by extended pause of dead air; signal had been fading but seemed much weaker when it came back a moment later; f-p; 1/29. (Schiefelbein-MO) 1307 S. Asian mx; distinctive flute over strings w/ W ancr in Hindi; fair; 2/2. (Taylor-WI)
- 4865 **BRAZIL R. Alvorado** Londrina 0541-0545 Choir hymns; M & W in PP; signal only 10 dB but was in the clear w/ zero noise & perfectly readable; 1/10. (Parker-PA)
- 4875.208 **UNID** 1000-1040 M w/ long talk in PP or SS; fading in/out; very weak & noted only on 2/7. (Wilkner-FL)
- 4875.9 **BOLIVIA R. Estambul** Guayamerin 0930-1100; 2300-0100; Not being heard here. 1/23. (Wilkner-FL)
- 4880 **INDIA AIR Lucknow** 1244 (P); Talk by M in Hindi; p-v.poor; 2/2. (Taylor-WI)
- 4880 **S. AFRICA SWR Africa** Meyerton 1820 EE talks mixing w/ Indian mx via co-channel AIR Lucknow; 2/4. (Bernardini-Italy) [?? nothing co-ch. at that time per Akoi & Eibi lists-ed.]
- 4885 **BRAZIL R. Clube do Para** Belem 0405-0407 M reverb ancr in PP; usual pops; some good 50s rock & roll; LA SSB operator adding his two cents periodically; huge 60dB signal; 1/5. (Parker-PA)
- 4895 **INDIA AIR Kurseong** 1203-1218 (P); Hindi mx w/ W vocals; weak w/ big CODAR noise; 1/14. (Comeau-MA) 1312 Talk by M in Hindi; poor; 2/2. (Taylor-WI)
- 4900 **CHINA Voice of Strait-Amoy Channel** 1338 Ethnic vocal mx; weak but in the clear; increased to S5 by 1340; 1/26. (Strawman-IA) 1302 Pop-style mx & CODAR interference; p-f; 2/2. (Strawman-IA) 1315 CC pop style mx w/ W ancr in listed Amoy; good; 2/2. (Taylor-WI)
- 4905 **CHAD RNT** N'djamena 2150-2227 W & M ancrs in FF; Caribbean-style mx w/ steel drums; bongos; etc. nx at ToH w/ mx bridges & many audio clips of diff speakers followed by fast paced contemporary island mx at 2215; anthem at 2227 then abrupt off; rockcrushing 80- 100dB signal; 12/26. (Parker-PA) 0610-0705 M ancr w/ nx; telephone interview followed by fast paced mx; W giving long speech; M ancr followed by rhythmic tribal mix; outstanding 80 dB signal; many tnx for Joe Wood's log of this one in the January issue; I have often heard this station at terrific levels but couldn't identify it w/ my limited resources; 1/5. (Parker-PA) 2243 Poor w/ some peaks to good; w/ lively Afropop songs; 1/19. (Ronda-OK) 0630 Usual mx; 0641 ancmnt; heavy CODAR QRM; everything back to normal? 2/8. (Hauser-OK) 0520 Great signal here in Milan in FF w/ nice Afrosongs & nx at 0530; very strong signal; ID "Radio Chad"; cording to many reports the radio is back b/cing from a temporary office in private building; 2/9. (Bernardini-Italy) 0609-0615 M w/ AA talk; nxlike to 0611 then local song; talk again at 0615; first time noted in AA here; weak to fair, QRN; 2/9. (Jaar-Quebec) 4904.97 *0429-0440 S/on w/ NA; opening FF ancmnts at 0430; Afropop mx; fair; 1/19. (Alexander-PA) 1710 Songs; exc.; 1/26. (Bernardini-Italy) 2256-2301* Hip hop in EE & Afropop in FF; Station promos at TOH; NA & off at 2301; S9/vg; 1/26. (Wood-TN) 4904.97 2250-2302* Afropop mx; FF talk; s/off w/ NA; vg; strong signal; 1/26. (Alexander-PA) 0550-0601 Tribal mx w/ lots of drumming; tlk in FF w/ mentions of Chad; into ME lang at TOH; S7/fair; 2/2. (Wood-TN) 4904.9 2306 Heard during the attempted military coup w/ soft classical mx & EZL vocals; most in FF; no ID at 2330 & no ancmnts; faint level at 2341 recheck; the mx seemed to be a continuous tape loop; p-f; 2/2. (Ronda-OK) 0004-0115 In FF & local lang w/ assorted mx segued; 0030 M speaking; 0034 mx.; 0100 excited M speaking; there is a rumor of a military coup today in Chad; tnx to Jim Ronda for bringing both the station & political state to my attention; poor; 2/3. (Taylor-WI) 0521 Afropop mx; no sign of XERTA; poor; 2/8. (Ronda-OK) 4904.97 *0433-0443 S/om w/ NA; opening FF ancmnts at 0434; FF talk & Afropop mx; fair; not heard on Feb 10; 2/8. (Alexander-PA)
- 4905 **TIBET Xizang PBS** 0016 (T); M & W ancrs alternating in listed Tibetan; // 4920 seemed to be there as well but weaker & hard to make out under relentless CODAR; this freq best in USB; fading & mostly gone by 0030; poor; 1/30. (Schiefelbein-MO)
- 4910 **INDIA AIR Jaipur** 1730 EE news; s/off 1740; good; 2/4. (Bernardini-Italy)
- 4915 **BRAZIL R. Difusora** Macapá 0027-0030 Slow mx; 50dB signal; 12/27. (Parker-PA) 0555-0605 Procol Harum "Whiter Shade of Pale"; LA pops; M ancr in PP w/ freq/ID at ToH; 60-80dB signal was very wide w/ full fidelity; 1/10. (Parker-PA) 0147-0155 Talk in PP w/ several musical bridges; quick ID w/ echo effect at 0152; sports commentary? fair; 2/2. (Taylor-WI)
- 4915 **U.S.A WWCR** (spur) 1055-1058* As rpted here before w/ good, strong spur: 5070-9985=4915; two different WWCR prgs from 5070 & 9985 heard mixing together onto 4915; off when 9985 left the air at 1058; 1/19. (Alexander-PA)

- 4920 **INDIA AIR Chennai** 1316 Seemed to be a panel discussion or talk show in Hindi w/several cmntators; then a flute theme & (P) nx update at 1330; f-p w/ inevitable CODAR QRM; 1/15. (Schiefelbein-MO) 1412 Film or other popular-style mx; poor; might be first time heard; 1/27. (Strawman-IA) 0124-0130 W in lang w/ mentions of Pakistan w/ some sub-cont mx; barely over the CODAR w/ most dialog under; more mx & a few snatches of M talks; poor; 3/22; 1/28. (Wood-MA) 1309 Long talk in Hindi by W; slipping to poor at 1348 recheck; f-p; 2/2. (Ronda-OK) 1317 (P); S. Asian vocals; fair; 2/2. (Taylor-WI)
- 4925 **BRAZIL R. Educação Rural** Tefe 0030-0035 M & W in PP; 40dB signal; 12/27. (Parker-PA)
- 4930 **BOTSWANA VOA** Moepeng Hill 0410-0417 Daybreak Africa in EE; 40dB signal easily overcoming CODAR; 1/15. (Parker-PA)
- 4935 **BRAZIL R. Capixaba** Vitoria 0036-0038 M in PP; weak; 12/27. (Parker-PA)
- 4940 **INDIA AIR** Guwhati 1320 (P); Talk in Hindi; 2nd ancr over S. Asian mx; poor; 2/2. (Taylor-WI)
- 4940 **SÃO TOME VOA** Pinheira 2040 Talks in EE & Afro mx; //4930 exc.; 1/26. (Bernardini-Italy)
- 4950 **ANGOLA RN de Angola** Mulenvos 0113-0144 Pop songs; this is the best I have heard them here as usually they are below threshold level; tnx again to Chuck Bolland for the tip; also heard at 0248 w/ prg of African hilife mx & songs; 1/25. (Howard-CA) 0258-0325 M w/ pop vocal until time pips at 0300 followed by M ancr w/ ID & nx in PP; another ID at 0306 & jingle at end of nx; back into mx prgring at 0310; fair; usually hearing a het on this channel but rarely getting any audio much less at this respectable level; 1/25. (D'Angelo-PA) 0508-0531 Clear ID "Rádio Nacional de Angola"; several promos for mx event on "Sábado"; pop songs in EE & PP; African hilife mx; mostly fair but bothered by slight het; live "Canal A" audio streaming not working at their website < <http://www.rna.ao/> >; 1/26. (Howard-CA) 0257-0330 Nice mx until 4 time pips at 0300 followed by several IDs & nx; more IDs after the nx followed by pop mx prg including "Born Free"; vg signal & audible from early afternoon at nice levels; Angola on steroids? This was heard at fairly reasonable levels at home & superb levels here; is it good African conditions or a new txmitter? Some combination perhaps? 1/28. (D'Angelo/FCDX- PA) 0105 In PP w/ ID at 0105; had the sirens going as well; played "Must Have Been Love" by Roxette (I believe); f-g; 1/29. (Wilson-KY) 0320-0333 Ancr in PP w/ little talk & much mx; "Radio Nacional, Canal 1" by W at BoH; f-p; 2/1. (Taylor-WI) 2335 Surprisingly good w/ lively songs & lots of talk in PP; quickly fading at 2350 recheck; 2/2. (Ronda-OK) 0235 Afropop; ID at ToH; poor; 2/2. (Taylor-WI) 0130-0215 Prg of Afropop w/ ancr chatter; ID at ToH; good; 2/3. (Taylor-WI) 1939 Reports; fair; low modulation; 2/4. (Bernardini-Italy) 4949.97 2330 Long winded talk by M; possible nx headlines; fair; 2/2. (Strawman-IA) 0243-0303 First log of this station & country; Rap, Hip Hop & Afropop mx.; SS ID; nx & promos or ads at ToH; S5/poor; 2/9. (Wood-TN)
- 4950 **CHINA Vo Pujiang** 1250 W DJ w/ CC pop tunes; distinctive time pips at 1300 followed by (P) ID, a few ancments (ads?) then more tunes; noisy; poor; 2/3. (Schiefelbein-MO)
- 4950 **PERU R. Madre de Dios** Puerto Maldonado 1241 (P); In Quechua & Spanish w/ lively accordion mx in Andean style w/ W ancr poor; 2/3. (Taylor-WI) 1253 (P); Ballads just above noise; audio from studio had reverb; ToH ancments; peaked at poor level; new station for me; 2/3. (Strawman-IA)
- 4960 **SAO TOME VOA** Pinheira 0440-0447 In EE w/ story about Great White shark attacks on Capetown Beach; n the clear w/ 60dB signal; 1/15. (Parker-PA) 0715 Talks; African lang; good; 2/6. (Bernardini-Italy) 0432 EE ID & talk of US job forecasts; S5/fair; 2/8. (Wood-TN)
- 4965 **ZAMBIA CVC** Lusaka 0424 Gospel songs in EE; fair; 1/23. (Ronda-OK) 2348 Gospel songs in EE; vg; 2/2. (Ronda-OK) 1925 Talks in EE; IDs; mx; good; 2/5. (Bernardini-Italy)
- 4974.8 **PERU R. del Pacifico** 2349-2352 M giving impassioned speech in (P) SS; signal was weak but in the clear & fully readable; 12/30. (Parker-PA) 0206-0242 M preaching to a "live" audience in SS; childrens chorals; ID by studio M ancr & more "live" preaching; fair until Uganda opened at 0216; however LSB restored clear reception; 1/29. (D'Angelo/FCDX- PA) 4974.7 0715-0720; 30 db signal; 1/5. (Parker-PA)
- 4975.97 **UGANDA UBC Radio** *0219-0235 Abrupt s/on w/ vernacular talk; some English; Afropop mx & phone talk; weak; poor in noisy conditions; CODAR QRM started at 0228; 1/18. (Alexander-PA) Heard w/ s/on at approx 0237; 1/19. (Alexander-PA) *0208-0235 Abrupt s/on w/ EE talk; Afropops; poor; weak threshold signal at times; 1/26. (Alexander-PA) 4976 *0216-0238 Open suddenly putting a het on R. del Pacifico w/ M ancr speaking local lang's & EE taking phone calls from listeners urging them to "wake up..God Bless... Hello, good morning to you... 20 minutes after five, wake up"; f-g; 1/29. (D'Angelo/FCDX-PA)
- 4985 **BRAZIL R. Brazil Central** Goiania 2353-2357 M ancr in PP w/ a variety of mx including Eagles "Hotel California"; in the clear w/ big 40dB signal; 12/30. (Parker-PA) 0610 ID & LA mx w/ animated ancr in PP; S9/good; 2/2. (Wood-TN)

- 4990.8 **PERU R. Manantial** 1104-1139 (T); Rustic OA vocal followed by a long talk by M anc in SS w/ greetings to listeners and TC that fits Peru; some talk had a bad echo/reverb effect which hurt audibility; more vocals at 1127; may have opened around 1100 since nothing there in earlier checks; needs a better OA morning for an ID; poor; 1/29. (D'Angelo/FCDX- PA) 4990.78 *1045 (T); S/on w/ no ID ancments; continued to 1100 fade; fair; 1/29. (Wilkner-FL) Similar logs on 1/30 & 1/31. (Wilkner-FL) 4991.10 2350-0020 Noted in SS; most likely drift up by Manantial; 2/8. (Wilkner-FL) 4990.90 1030-1045 Noted w/ musica under local noise; 2/9. (Wilkner-FL)
- 4990 **SURINAME R. Apintie** 0448-0525 Elton John vocal "Candle in the Wind"; ID by a group of children at 0500 followed by a continuation of non-stop soft rock vocals including Paul McCartney & "My Love Does It Good"; p-f signal w/ very slight CODAR splatter; 1/28. (D'Angelo/FCDX- PA)
- 5000 **VENEZUELA YVTO** 0405 Audible time tones on each second; ID & time ancments in SS each minute; odd propagation w/ YVTO at about equal strength as WWVH; WWV's ancments almost inaudible under YVTO; fair; 1/30. (Schiefelbein-MO)
- 5005.95 **UNIDENTIFIED** 1110 Strong carrier [Peru-R.LTC Juliaca once here]; have seen no rpts of this being active; 2/9. (Wilkner-FL)
- 5010 **INDIA AIR Thiruvananthapuram** 0119-0131 M in lang; advertisement b/w tones; ID at 0130; fair; 1/23. (Barbour-NH) 1259 Ancments & ID at ToH into apparent nx headlines; still audible at 1356; 1/27. (Strawman-IA) 1325 (P); W anc in Hindi; 2nd W anc over S. Asian mx; poor; 2/2. (Taylor-WI) 1335 Animated conversation b/w M & W in Hindi; f-p; 2/2. (Ronda-OK)
- 5010 **MADAGASCAR RTV Malagasy** *0258-0320 Orchestra NA followed by M anc w/ opening ID & ancments in Malagasy; segment of mx followed by discussion w/ two W; mainly talk features w/ some mx; poor & lost in the noise by t/out; 1/19. (D'Angelo-PA) 0302-0347 Missed opening but heard M w/ Malagasy talk & ID; short talks & musical selections; 0321 familiar whistling introduction for a talk feature which ended at 0327; series of promo ancments w/ ID & nx at 0330; fair & much better than last week; 1/26. (D'Angelo-PA) 0336-0350 M & W in lang w/ alternating talks; passing mentions of Malagasy; fair listening in ECCS-USB; 1/26. (Barbour-NH) 2113-0005+ T/in to M in Malagasy w/ ID noted in passing; mx prgrming; kept checking near ToH but never signed off; fair signal early but quite good by 2200 & holding steady; running late or 24 hours; 1/27. (D'Angelo/FCDX- PA) 2313-2340 Piano & vocal mx; ID in (P) Malagasy by W at 2320 & back to mx; ID in FF & talk by M at 2330; back to mx w/ most ancments in FF; slipping to fair by 2340; this on late as per note in recent issue of NASWA Journal; f-g; 1/27. (Ronda-OK) 2313-2349 Mx & talk in both (P) Malagasy & FF; just above threshold; tnx to Jim Ronda for the tip & help with the ID; 1/27. (Taylor-WI) 2324-0345 Afropop mx; some exaggerated conversations that sounded like radio dramas; lots more; lang at times seemed to flow freely back & forth b/w FF & dialects; fair signal first noted at 2324 t/in; gradually faded to threshold around 0130; then rapidly built back up around 0230 & was still going (though fading) by 0345; tnx to Brian Alexander for his log in helping to pin this down; 1/27. (Schiefelbein-MO) 0242-0300 Steady signal w/ Afro hילה type mx; some digital noise on freq; mx continued w/ one disc skipping for about a minute; sounded like anthem at ToH then M in FF; good; 333; 1/28. (Wood-MA) 0310 Remarkably strong & clear S9+ signal; for some reason much stronger in USB; 1/30. (Schiefelbein-MO) 2235-2330 On late again w/ Malagasy talk; jingles; ID & promos; wide variety of local styles of mx including lite pop; country-style; folk, & relig; f/g; 2/2. (Alexander-PA) 2335 Signal good at times w/ light pop & country mx; Malagasy talk; 2/2. (Strawman-IA) 0228 Western sounding pop-style mx w/ anc in Malagasy; 0236 ID sequence w/ sound effects; series of short sections (? ads or pr ancments); I'm struck by how Euro/US the mx in this prg was; good; 2/3. (Taylor-WI) 1742 Nice mx & talks; lower side of signal w/ low modulation! So better in USB or upper AMs; good; 2/5. (Bernardini-Italy) 0309-0335 First log of this station; interesting lang which seemed to be a mixture of FF; SS & dialect; ide range of mx consisting of whistled tunes; rap; ballads; Afropop and dance club; several of the songs featured accordions &/or thumb pianos; W anc w/ listener requests; ID at 0323; S5/poor; 2/9. (Wood-TN) 0300-0430 Church service at 0304 w/ scripture readings; organ & choral mx; sermon & prayers; suppressed carrier USB; fair at t/in but slowly deteriorated to weak level in noisy conditions by 0400 & they either s/off at 0430 or I completely lost them in the noise at that time; 2/10. (Alexander-PA) 1522 (T); Sounds like sports show w/ clips of soccer matches; FF & other lang; have never heard African at this time; fair; 2/10. (Herr-CA) 5009.95 2115-0030 Malagasy talk; local pop mx; jingles & promos; some contemporary Christian mx; FF talk; radio-drama; on late on Sundays; fair; 1/27. (Alexander-PA) 2310-2405 Pop mx followed by M in lang at 2330; M & W talking at 2333 w/ occasional short musical bridges in what sounded like a drama; good signal; the best ever heard here (SINPO 34333); audio was slightly distorted; 1/27. (Evans-TN)

- 5019.88 **SOLOMON ISLANDS SIBC** Honiara 1449 Relay BBC "Have Your Say"; first time heard at listenable levels in a long time; p-f; 2/10. (Herr-CA) 5019.93 1100-1120 Hearing what I believe to be SIBC w/ local Cuba on 5025 jamming up the signal; 2/11; 2/12. (Wilkner-FL) [nice catches-ed.]
- 5025 **BENIN ORTB** 1715 Talks in FF; good; 1/26. (Bernardini-Italy) 1750 Nat'l prg ID "Radio Benin"; nice mx & nx at 1800; later regional prg w/ ID "Radio Parakou" w/ local nx around 1820; FF; good; 2/5. (Bernardini, IT)
- 5030 **BURKINA FASO R. Burkina** Ouagadougou 2330-2359* Talk in FF/vernacular; phone call-in prg; Afropop mx; s/off w/ NA; good; 1/26. (Alexander-PA) 2340-0000 Phone-in questions moderated by W in FF; short bits of mx b/w calls; most calls seemed to be about children's health issues; anthem at 2359 & off at 0000; f/g; 1/27. (Ronda-OK) 2348-0000 Phone-in prg in FF; 2359 NA; off 0001; trx again to Jim Ronda for the tip; 1/27. (Taylor-WI) 2326 Lively Afropops w/ FF cmntary & a few phone calls; good; 2/2. (Strawman-IA) 2240 Fair w/ African songs & lively studio chatter w/ some phone-in requests in FF; still fair at 2305 and 2340 rechecks; 2/2. (Ronda-OK)
- 5030 **CHINA CPBS** Beijing 1359 Ancments by M & W before ToH; S8 signal; 5 low & 1 high pip were right in step w/ my atomic clock; IDs by M at 1400; different M into apparent nx headlines & more ancments. Little slop from Rebelde; 1/27. (Strawman-IA)
- 5035 **BRAZIL R. Aparecida** Aparecida 0125 Brazilian pop; 0137 ID; talk by M in PP; fair; 2/2. (Taylor-WI) 0013 Similar mx to yesterday; poor; 2/3. (Taylor-WI)
- 5039.2 **PERU R. Libertad** Junin 1115 M w/ mx; good lock in lower synchro; 2/4. (Wilkner/RDXP-FL)
- 5040 **INDIA AIR Jeypore** 1345 Threshold mx battling big het from (P) Myanma Radio on 5040.6; 1/27. (Strawman-IA) 1329 (P); M w/ Hindi talk; Bollywood; M & W talk; repeated flute; M & diff. W (ID & call in ?); poor; 2/2. (Taylor-WI) 1340 Fair in persistent het w/ W speaking in Hindi; flute & vocal mx; still fair at 1351 recheck; 2/2. (Ronda-OK) 1344 Fair signal but very buzzy het from 5040.6; flute mx & Hindi comment; 2/2. (Strawman-IA)
- 5040.6 **BURMA R. Myanma** Yangon 1153-1203 W in listed Burmese b/w ballads; (P) ID at 1159 followed by brief mx bit & short talk; ballads resume at 1201; poor w/ nasty het tone; 1/26. (Barbour-NH) 5040.6v 1139-1216 "Interesting" prg of continuous EE western pop vocals including "There Will Never Be Another You"; not the usual haunting local vocals & flute melodies I enjoy from this station; talk by W ancr at 1159 in Burmese before march type mx segment until 1200; she returned w/ more talk before returning to mx; p-f; 1/29. (D'Angelo/FCDX- PA) 1340 M & W ancrs in Burmese; speaking alternately like a nx rpt; running // to 5985.8 (w/ f-g signal); first time hearing anything more than just a carrier on this freq here; f-p; 2/2. (Schiefelbein-MO) 1350 (P); Steep filters in Perseus SDR made easy work of separating from Jeypore on 5040; very weak at listed 25 KW; Burmese chatter & ethnic mx heard but too weak for more details; overtook Jeypore by 1423 when signal peaked & then declined; 2/2. (Strawman-IA) 1403 M in Burmese w/ apparent speech; mx (somewhat Western sounding); talk by M & W ancrs; poor; trx to Jerry Strawman for the tip; 2/2. (Taylor-WI) 1140; 1220-1230 W w/ mx; 2/4. (Wilkner/RDXP-FL) 1500 Usual sounding mx & W in lang w/ abrupt s/off at 1515; poor; 2/10. (Herr-CA)
- 5050 **CHINA Guangxi PBS** Nanning 1125-1146 Ancr w/ vernac. talk b/w ballads; (T) ID ancmnt at 1133; p-f; 1/27. (Barbour-NH) 2320 Listed Vietnamese service had haunting vocals; fair; 2/2. (Strawman-IA)
- 5060 **CHINA Xinjiang PBS** Urumqi 0002-0005 In CC w/ W vocal mx; in the clear but weak; 12/31. (Parker-PA)
- 5070 **USA WWCR** 2207 M w/ full ID "KLBj right here in Texas"; talk about world nx headlines; inflation; world dollar to replace US dollar; mexican interference in US election; in the clear; 01/19. (Golden-NY) Alex Jones prg via 590AM-KLBj, Austin-TX (ed.)
- 5100 **VENEZUELA YVTO** Caracas 0006-0009 Thought I misread the readout and they were back on 6100; good; 12/31. (Parker-PA) [???-ed.]
- 5446.5U **USA AFRTS** Saddlebunch Keys 0025-0030 In EE w/ Air Force Radio Net.s; exc; 12/31. (Parker-PA)
- 5460.3 **PERU R. Bolivar** La Libertad 0031-0034 W in SS; weak signal but 100% copy; 12/31. (Parker-PA) [nice catch-ed.]
- 5486.7 **PERU La Reina de la Selva** 1114-1123 M ancr w/ SS talk & ID followed by OA vocals; weak; 1/28. (D'Angelo/FCDX- PA)
- 5745 **USA WYFR** 0640 With Camping; overridden by open carrier & then brief tonetest before going off; typical behaviour of IBB; probably testing txmitter to be used later by R. Marti; tho not scheduled until *1000; 1/23. (Hauser-OK)
- 5830 **UKRAINE RUI** 0040-0045 W ancr in GG & Ukranian mx; exc; 12/31. (Parker-PA) 2227-2237 ID by W in EE; prg re development of Ukrainian sporting events; ID at 2231 & into prg re gender discrimination; f-g; 1/22. (Wilson-KY)
- 5860 **SRI LANKA R. Farda** Iranawila 0046-0048 W ancr in Farsi & AA pops; exc; 12/31. (Parker-PA)
- 5875 **GREECE BBC** Limassol 0049-0050 Radio drama in Dari; exc; 12/31. (Parker-PA)
- 5900 **RUSSIA DW** Novosibirsk 1313 Prg in Mandarin; poor; 1/26. (Ronda-OK)



International Band Loggings

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- 5910 **COLOMBIA Marfil Estereo** Puerto Lleras in SP 0048-0521, lively Latin vocals, brief religious talk, ID followed by another short talk and more lively music, f (D'Angelo PA 2/2)
- 5915 **ZAMBIA R Zambia** Lusaka in Vernacular 0251, Fish Eagle IS, choral mx, tribal drumming, a few words in EG, many mentions of Zambia (Barbour NH 2/3, Ronda OK, Wood TN)
- 5950 **NEW ZEALAND RNZI** in EG 1435, news, wx report, humorous account by veteranian about his experiences with animals, co-channel splatter (Herr CA 1/27)
- 5975 **FRENCH GUIANA BBC** relay in EG *2200, ID, pips, TC, report on Super Tuesday voting in the US, talk of accounting fraud and business matters (McGuire MD 2/5, Bauernhuber NY)
- 59858v **MYANMAR Myanmar Radio** Yangon in EG 1430-1600*, EG lesson "International English", some music, local TC, news, local wx report, slogans re development over mx, non-stop EZL instrumentals, titles of music played at s/off, NA, het problem after 1445, some splatter (Howard CA 2/5)
- 5995 **MALI RTV du Mali** Bamako II in FR 2118-2145, talk, ID, hosting mx program, tribal vocals, one rather rustic and folk type about living in Maili, Malian guitar (D'Angelo FCDX-PA, Taylor WI 1/31)
- 6010 **MEXICO XEOI Radio Mil** Mexico City in SP 1318, ballads, long ad strings, "musica romantica", ID at 1325, signal reached S-4 (Strawman IA 2/3)
- 6010 **IRAN IRIB** Teheran in EG *1930, s/on ancmts, into reading the Koran, f, //7320 (Fraser ME 1/22)
- 6020 **TURKEY V of Turkey** in EG 0415, concluding nx, ID, into "Press Review", f (Ronda OK 1/28)
- 6030 **CANADA CFVP** Calgary relaying MW CKMX in EG 0528-0730, C&W tunes, IDs as "Classic Country AM 1060", promo re Southern Alberta", fair w/fading (Schiefelbein MO 1/14) 100 watts!
- 6035 **COLOMBIA LV del Guaviare** in SP 0127-0257, OM speaking rapidly and stridently, ID jingles and another OM with "La Voz del Guaviare, San Jose del Guavia, Colombia", NA (Taylor WI 2/9)
- 60496v **MALAYSIA Asyik FM** via RTM Sibul in Malaysian, pgm of chanting/singing, "Asyik FM" singing jingle, DJ playing pop songs, mostly fair w/usual light het (Howard CA 1/24)
- 6055 **RWANDA R Rwanda** Kigali in FR/Vernacular 2010-2100*, talks in FR and Vernacular, occasional FR pop vocals, Afro pops, s/off w/electronic instrum'l piece, f-g (D'Angelo FCDX-PA, Alexander PA)
- 6060 **CHINA Sichuan PBS-2** Chengdu in CH 1050-1133, pips 1100, traditional CH mx, //7225 both freqs fair, power of xmtr is variously reported as 10 kw (Aoki), 15 kw (WRTH), and 50 kw (PWBR). ED: Signal is received at decent level regularly in California so the 50 kw figure would seem to be the right one (Howard CA 1/16)
- 6060 **CUBA R Nacional de Venezuela** relay via Havana in SP/EG *1100, ID, sked in EG, "Welcome to our international shortwave outlet", news and analysis in EG, political speech, p (Howard CA 2/3)
- 6065 **SWEDEN R Sweden** Hoerby in EG 2229, IS, ID, s/on ancmts, news, economic discussion, p-f with some co-channel QRM from China station (Evans TN 1/26)
- 6075 **RUSSIA R Rossiï** relay via Petropavlovsk in RS 0536-0552, recital of classical organ mx, ID, // with Magadan on 5935 and 7320, and Yakutsk 7200 (Howard CA 2/10)
- 6080 **SAO TOME VOA** relay in EG 2118, pgm on rap and hip-hop mx, signal improving to good at 2155 recheck, VOA ID at 2200 s/off (Ronda OK 2/2)
- 6090 **CHINA CNR-2** Geermu in EG 1327, English Evening program with an American R&B tune, into a reading re the benefits of stress, chatty conversation on that subject, f (Schiefelbein MO 1/14)
- 6110 **ALBANIA R Tirana** in EG *0130, ID, frequency, sked, national news, g (McGuire MD 1/23)
- 61348 **BOLIVIA R Santa Cruz** in SP 1047, group vocals, long talk, IDs, TC, g-f (D'Angelo FCDX-PA 1/29)
- 6145 **ASCENSION ISLAND BBC** relay in EG 0333, news, noted crimes against women in Kenya as well as refugees leaving Kenya for Uganda, ID, vg (Davis OH 1/23)
- 6165 **NETHERLAND ANTILLES R Nederland** relay via Bonaire in EG 0100, features on Israel and "Curious Orange Program", also discussion re Dutch life and affairs, exc (Branco NY 2/2)
- 6165 **VIETNAM V of Vietnam** Hanoi in Hmong 1308, alternating OM/YL presenters reading items w/short bits of mx between, local pop tunes similar in sound to CH mx, ID 1319, initially a good signal tho co-channel QRM from Delhi got stronger and dominated by 130 (Schiefelbein MO 1/16)
- 6185 **MEXICO XEPPM** Mexico City in SP 1551, station on past nominal s/off at 1200, report from Oaxaca, talks past 1600, ID for MW outlet, easily readable signal w/10 kw output (Hauser OK 1/28)

- 6180 **BRAZIL R Nacional Amazonia** Brasilia in PT 2330, call-in with lively conversation, ID in passing, into Brazilian music, f (Taylor WI 1/22)
- 6195 **RUSSIA V of Russia** St. Petersburg in RS 0200, ID, news, mx and cmntry 0205, f (Ronda OK 2/3)
- 6240 **MOLDOVA WYFR Family Radio** relay via Kishinev in EG 2120, "Open Forum" w/Harold Camping answering questions from listeners, promos, IDs, f-g (D'Angelo PA 1/29)
- 6240 **MOLDOVA V of Russia** relay Kishinev in EG 0200, IS, ID, NA, rpt on Putin, g (McGuire MD 1/18)
- 6250 **EGYPT R Cairo** in EG 2132, news re more women carrying and exploding themselves with bombs because there are fewer men willing to do so, ID, exc (Davis OH 1/16) in EG 2140, YL talking about Gaza and Palestinians, ID, g (Evans TN 1/29) in EG 2135 with Middle East news and crisis in Lebanon, g (Fraser ME 1/12)
- 6250 **EQUATORIAL GUINEA R Nacional** Malabo in SP 0525, talk w/many references to Malabo, hi-life vocals, ID, weak but clear reception (D'Angelo PA 1/28) in SP 0534, West African pop mx, IDs, short talk, good w/high side ute QRM and deep fades (Evans TN 1/30) in SP *0527, s/on w/African music, talks, Afro pops, threshold at s/on but readable by 0537 (Alexander PA 2/1) in SP 0618, talk re local politics, TC, cmntry on relations with China, f (Jaar QUE 2/9) in SP 0604, IDs as both "R Nacional & R Malabo", prayers?, news, f (Wood TN) in SP 0705, hilife music (Hauser OK 2/3)
- 6265 **LITHUANIA KBC Radio** relay via Sitkunai in EG 2133-2218, David Hamilton pgm w/ gold record oldies, promos for other shows at other times, f-g (D'Angelo FCDX-PA 1/27) in EG 2144, EZL pop music/ballads, ID, sked, f (Barbour NH 1/13)
- 6265 **LITHUANIA VOIRI** (Iran) relay via Sitkunai in SP 2055-2128*, local mx, lite instrumentals, //7130 and 7350, all f-g signals, into "The Mighty KBC" program at 2130 (Alexander PA 1/27)
- 6290 **EGYPT R Cairo** in AR 2107, mx w/talk underneath, ID over mx, radio drama at 2132 (Golden NY 2/7) in AR 0257, Qu'ran recital, vg (Howard CA 1/25) in AR 0039, operetta or musical comedy, lots of catchy singing, joking, and laughter - all with a Middle Eastern flair, vg (Wood TN 1/26)
- 6300 **ALGERIA R Nac Saharaui** via Rabouni in SP 2303, local pop mx w/ancmts, brief news? items at 2330, poor signal-improving slightly (Evans TN 1/14) in FR? 2310, Euro pops, ID, f (Ronda OK 2/3)
- 7110 **ETHIOPIA R Ethiopia** in Amheric 0418-0505, Horn of Africa vocals, ID 0430, more talk and regional mx, f (D'Angelo PA 2/6, Barbour NH 2/4) in Amheric *0259, IS on electronic keyboard, talk at 0300, Horn of Africa mx 0303, fair with adjacent channel splatter (Alexander PA 2/1)
- 7115 **BOSNIA HERZEGOVINA R Serbia Int'l** in IT 0130-0200, news, pop song and nice music, exc S-9 signal (Bauernhuber NY 2/7) in EG 0106, lots of news re Serbia and the UN as well as cultural items (Rohde OH 2/9) in EG 0113-0130*, talk on art, museums, architecture, Central European countries, and Serbia joining the EEU, musical interludes b/w sets, exc (Wood TN 2/7)
- 7120 **MADAGASCAR R Sweden** relay in EG 2142, ID, talk re the way drugs are sold in Sweden, weather report, f-g (Wilson KY 1/23)
- 7120 **SOUTH AFRICA BBC** relay via Meyerton in EG 0417, cmntry about Kenya and proposed UN action, signal consistently good in Oklahoma over past few weeks, //7160 (Ronda OK 1/25)
- 7125 **GUINEA RTV Guinienne** Conakry in FR 2231-2352, upbeat W African music, closing ancmts, ID, NA at 2359 when VOR takes over fqy (Evans TN, Ronda OK, Strawman IA 1/26)
- 7160 **UNITED ARAB EMIRATES WYFR Family Radio** relay via Dhabayya 1919-2000*, Harold Camping hosting Open Forum pgm w/talk re recent visit to Juarez and answering listeners' questions about the Bible, fair until RFI relay via Meyerton s/on at 1956 (D'Angelo FCDX-PA 1/28)
- 7170 **MALI China R Int'l** relay via Bamako in CH 2300, IS, ID, national/regional nx, f (McGuire MD 2/2)
- 7175 **MOROCCO R Liberty** in RS 0503, news, "Radio Svoboda" ID at 0506, f (D'Angelo PA 1/17)
- 7180 **TURKEY V of Turkey** in EG 2210, ID, brief talk, upbeat pop style music, f (Wilson KY 1/22)
- 7205 **MOROCCO VOA** relay in EG 0105, world news, mentioned Chad, ID at 0200*, g (McGuire MD 2/6)
- 7205 **THAILAND VOA** relay in EG 2323, VOA Special EG, ID 2330, world news, g (Barbour NH 2/2)
- 7205 **TURKEY V of Turkey** in EG 0143, OM/YL w/discussion about the degree of freedom in Turkey compared to other Islamic countries, good w/S-7 signal (Wood TN 2/9)
- 7295 **MALAYSIA Traxx FM** relay via RTM Kajang in EG 1226-1310, rap mx selections and other pop fare hosted by a YL, ID, p-f with some amateur QRM (D'Angelo FCDX-PA 1/28)
- 7305 **VATICAN CITY Vatican Radio** in EG 0250, IS, ID, religious pgm, ment Kenya, f (McGuire MD 2/5)
- 7380 **MADAGASCAR Deut Welle** relay in IN 2204, news re Obama and Hillary Clinton w/EG soundbites, ID, news re African countries, f (Barbour NH 2/4) in IN 2255, ID in IN and GM, short period of dead air and then shift to R Nederland's relay of pgm in IN, f (Ronda OK 2/2)

- 7400 **BULGARIA R Bulgaria** in EG 0300, IS, ID, freq, sked, national nx, mention of European Union, g (McGuire MD 2/1) in EG 0145, village folklore/legends, cultural ritual of the new year w/folk songs, strong to fair reception w/fades (Branco NY 2/3)
- 7440 **UKRAINE R Ukraine Int'l** in UK 0000, IS, ID, internet address, national news, g (McGuire MD 2/6) in EG 0149, folk music, ment dance scene, interviews of local artists, vg at S-9 (Wood TN 2/9)
- 9345 **UZBEKISTAN R Nederland** relay in EG 1407, "Newswire", interview w/Nortwegian official about an attack on their diplomats in Kabul, ID, hi-lites of Dutch news, signal a bit fluttery but clear and f/g overall, //12080 (Schiefelbein MO 1/15)
- 9390 **SRI LANKA VOA/Deewa** relay in Pashto 1343, talks, E-mail address, news roundup including brief clip of Condoleeza Rice, abrupt s/off in mid-sentence 1359, f-g (Schiefelbein MO 1/16)
- 9445 **INDIA AIR Bangalore** in EG 2210, ID, commentary by OM on natural gas and the conservation of gas and diesel in India, f-g (Wilson KY 1/27)
- 9535 **SPAIN REE** in SP * 2300, IS, ID, freq, sked, pips, national and regional news, g (McGuire MD 1/22)
- 9526v **INDONESIA V of Indonesia** Jakarta in EG 0803-0846, 15 min news, talking about languages, segment on technology, "Music Corner", poor but improved to good, //117849v (Howard CA 1/24)
- 9600 **BOTSWANA VOA** relay in Hausa 0513-0530*, some African music but mostly talk, ID and Yankee Doodle IS at s/off, f-p with slight het from Mexico? (Howard CA 2/10)
- 9610 **CANADA R Canada Int'l** in EG 1710, report on surrogate mothers in India, f (Fraser ME 1/23)
- 9635 **MALI RTV du Mali** Bamako in FR/AR *0800-0830, ID, talk in AR. string mx, g (Alexander PA 1/25)
- 9680 **INDONESIA RRI Jakarta** in EG 1001, Kang Guru Radio pgm #5805 w/Kevin, Sue, and Maggie, pgm about food, pop songs, f-p w/moderate QRM from WYFR in FR (Howard CA 2/3)
- 9690 **RWANDA Deut Welle** relay in EG 2048, rpt on smoking ban in English pubs, //9730 (Fraser ME 1/16)
- 9700 **CHINA China Radio Int'l** via Kashi in EG 1404, CRI World News Roundup w/news on recovery from recent blizzards and the ensuing disruptions, fluttery signal but f-g overall (Schiefelbein MO 2/7)
- 9760 **CYPRUS Cyprus BC Corp** Limassol in GK * 2215-2245*, s/on w/GK folk music and talks, good signal at s/on but very weak by s/off, //7210 mixing w/CRI, //6180 under Brazil (Alexander PA 1/26)
- 9765 **NEW ZEALAND RNZI** in EG 0906, news, noted the funeral of Sir Edmund Hillary, solid IDs at 0916, exc (Davis OH 1/22) in EG 0809-0838, listeners' requests w/DJ, local TC, ID, g (D'Angelo PA 2/2)
- 97801v **YEMEN Republic of Yemen Radio** San'a in EG 1815-1840, Euro pops and local music, ID 1829, news following, back to Euro pop music, weak signal, lost in the QRN by 1840 (Alexander PA 2/9)
- 9820 **CHINA CNR-2 China Business Radio** via Xi'an in CH 1330-1417, OM w/talks and hosting a program of CH music, news 1355, f-g w/intermittent transmission breaks (D'Angelo FCDX-PA 1/28)
- 9825 **SLOVAKIA IRRS Miraya FM** relay in EG *1459, s/on w/African music, time pips, ID, news about Africa, canned "Miraya 101" ID, f-p w/co-channel QRM (Alexander PA 2/1) in AR 1733, OM with correspondent reports separated by musical bridges, p (Taylor WI 2/1)
- 9880 **CHINA R Canada Int'l** relay via Kunming in EG 0020, Blink with a panel discussion about immigrants news, feature re a YL jazz singer, p (Schiefelbein MO 2/3)
- 11680 **CUBA R Nacional Venezuela** relay via Havana in SP/EG * 1500, E-mail address, into EG w/names of people on staff and program summary, in SP again w/"Informative Micro", short bio, "In Contact with the Diexistas", "Informative Short News" item about Venezuelan ambassador to USA denouncing US to the OAS over false accusations about the Bolivian revolution, speech by same ambassador about the war on drugs and accusing US of operating inside Venezuela and arresting people without authority thus violating their sovereignty, traditional song, contact info at Caracas (Hauser OK 1/26)
- 11690 **JORDAN R Jordan** in EG 1755-1838*, on late w/local and US pop mx, nx 1800, ID as "Radio Jordan, 96.3 FM", abrupt s/off, strong signal marred by co-chan QRM at 1800 (Alexander PA 2/8) in FR 1440 at t/in w/AR pop mx, ancmnt by YL, TC 1500, ID, phone interview, QRM (Hauser OK 2/8)
- 11690 **GUAM KSDA** relay of AWR the Voice of Hope in EG 1610-1629*, religious pgm w/Christian music and talk, receivable due to Jordan being silent on 1/26, weak signal, //9585 (Alexander PA 1/26)
- 11735 **TANZANIA R Tanzania-Zanzibar** in SH 1757, pop song, segment re Islam, brief recital from Qur'an, calypso mx, Spice news at 1800 not heard lately, f (Howard CA 2/5) in SH 2024-2100*, very nice Hindi-like ballads, wind instrument, ID, NA 2059 at s/off, very weak audio (Barbour NH 2/5) in EG and SH 1759, local drums, pips and news at 1800, "Spice FM" IDs, SH talk, g, (Alexander PA 2/9) in SH 1900-2017, talk by OM, program of upbeat local mx, poor reception w/heavy fading but slowly improving during best (Evans TN 1/16) in SH 2013-2037, nice program featuring desert music with YL announcer, g-vg with S-9 signal (Wood TN 2/16)

- 11780 **BRAZIL R *Nac da Amazonia*** in PT 2147, OM talk over pop mx, full ID 2200, f (Golden NY 1/19)
- 11785 **INDONESIA V of *Indonesia*** Jakarta in SP 1701-1755, multi-language ID, ballads, Mid-Eastern type music, surprised to hear them on this frequency, p-f (Howard CA 2/5)
- 11805 **CHILE CVC *International*** Santiago in SP 0130, political specials, review and appraisal, economic discussion, sports talk, jingles w/echoes, vg (Branco NY 1/20)
- 11905 **SRI LANKA SLBC *Colombo*** in Tamil 1154, HD vocals, 5+1 time pips ToH, ID, news, return to music programming w/YL host, flute music and more HD vocals, g (D'Angelo FCDX-PA 1/28) in HD 0122 beamed to S. Asia, YL DJ with music and group vocals, g (Parker PA 12/27)
- 12010 **AUSTRALIA R *Australia*** Darwin in EG 2250, interviews, music break 2256, ID and into ABC News at 2300, p (Ronda OK 1/26)
- 13590 **ZAMBIA CVC *International*** relay via Lusaka in EG 1801, YL in conversation with OM in Punjab, India, clear ID 1824, f (Davis OH 1/21)
- 13615 **MOROCCO VOA** relay in EG 1620, Business English lessons, world news bulletin, George Bush's State of the Union address in Special EG, strong echo effect, f (Schiefelbein MO 2/2)
- 13630 **MALI *China Radio Int'l*** relay via Bamako in EG 2100, ID, news, mention Iran, p (McGuire MD 1/22)
- 13635 **AUSTRALIA CVC *International*** via Darwin in EG 1435, Western pop songs, upbeat chat by a pair of Aussie-accented announcers, E-Mail address for song requests, promos, f (Schiefelbein MO 1/18)
- 13640 **ALBANIA R *Tirana*** in EG *1530, IS, opening xmsn in EG beamed to Nam, full schedule, into news and features, better reception than usual but higher modulation would help (Hauser OK 1/28)
- 13700 **CANADA *China R Int'l*** relay in SP *2300, IS, ID, national/regional news, p (McGuire MD 2/4)
- 15105 **ROMANIA RRI** in EG 1348, reports on a new Italian film and Venice Festival, f (Fraser ME 1/16)
- 15120 **NIGERIA V of *Nigeria*** Ikorodu in EG 1755, "60 Minutes" program w/economic news by OM and regional news by YL, ID 1800 "Voice of Nigeria, Lagos", more news, g (Evans TN 1/16)
- 15140 **OMAN R *Sultanate of Oman*** in EG 14408-1500, t/in to Euro/US pop music, chimes/gongs at 1430, news from 1431-1440, back to pop music from 1440-1500, weak modulation (Alexander PA 2/1)
- 15235 **SOUTH AFRICA *Channel Africa*** Meyerton in EG 1735, news, the president of Zimbabwe opposes the creation of a new constitution before the upcoming elections, ID, f (Davis OH 1/21, Wilson KY)
- 15475 **GABON R *Africa #1*** Moyabi in FR 1758, pips ToH, OM mentioned "Cote d'Ivoire" followed by report on soccer match, "Radio Africa d'Un" ID (Golden NY 1/20)
- 17675 **NEW ZEALAND RNZI** in EG 2055, "Spectrum" feature, interviewing a yacht builder, Vanuatu music break at 2100 time signal, "World and Pacific News", QRM from CVCi on 17680 (Hauser OK 2/1)
- 17790 **CANADA RCI** Sackville in EG 1850, sports discussion on subject of big dollars, //13650 (Fraser ME)

Clandestine/Opposition Stations

- 5950 **ETHIOPIA V of the *Tigray Revolution*** in Tigrinya via Mekele *0355-0420, IS, talk at 0400, Horn of Africa music, fair level but mixing w/Radio Taiwan via Okeechobee, FL (Alexander PA 1/20)
- 5985 **JAPAN *Shiokaze/Sea Breeze*** relay via Yamata in EG *1400-1430*, piano IS, request for information about abductees, E-mail and mail address, phone#s, "News on North Korea Issues", reading news items from AP, NHK etc., ID at s/off, piano IS again, f (Howard CA 2/1)
- 6155 **UNITED KINGDOM R *Republica*** relay via Rampisham in SP 0115, long talk until 0130, short section on the "Directorio Democratico Cubano", ID, jammer and grinding noise QRM, f (Taylor WI 1/23)
- 11610 **MADAGASCAR *Radio Voice of the People*** (Zimbabwe) relay in Vernacular *0400-0430, s/on with talk, short music breaks, occasional IDs, poor with jammer starting in at 0420 (Alexander PA 2/1)
- 11785 **USA *Hmong Lao Radio*** via WHRI Furman, SC relay in Laotian(p) 1433-1500, mostly talking in lang with some EG words while talking about the US Congressional Forum on Laos, folk song, indigenous music w/sound of seagulls, ID for WHRI before s/off, g (Howard CA 2/10)
- 11975 **UNITED KINGDOM *West Africa Democracy Radio*** (Senegal) relay via Skelton in EG 0720, reports and great Afro music, talks about womens' rights, g (Bernardini ITALY 2/6) 

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