

The **NASA** Journal

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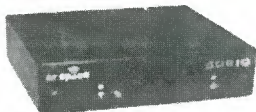
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Quality Communications Equipment Since 1942

Just as I was putting the finishing touches on this month's column, word came to us that long time member **Brian Alexander** of Mechanicsville, PA passed away December 26, 2012. Over the years, Brian was very active on the shortwave bands and was a frequent reporter to our columns. Brian was only 55 years of age.

Alan Roe will be joining our Staff as penning the *Listening Review* column which will enhance our *Easy Listening* column. Alan provided listening related information for the World DX Club for many years. He is a seasoned shortwave veteran who will be able to bring some new insights into the programming arena in North America. While the details are a work in progress as Rich and Alan develop the game plan, Alan's first effort should appear this month. Welcome aboard, Alan!

Steve Handler is rejoining the club's editorial team once again after a (very) brief break. He will be replacing **Bob Montgomery** as our Distributing Editor who needs to step down. Thanks Bob for your work for the club over the years. Reports can be sent to Steve Handler, 113 McHenry Rd #178, Buffalo Grove IL 60089-1796 and e-mail: handlersmail-naswa@yahoo.com. Welcome back Steve!

By the way, **Bill Oliver** has now been publishing our glorious bulletin for 35 years commencing in February 1978. Bill had been our QSL editor from 1975. **Sam Barto** replaced Bill as QSL editor so he is also another 35 years Staff member. Another 15 years and they get gold watches, hi! Thanks guys for the many years of great service to the club. Much appreciated!


This is the month of the club's annual Winter SWL Festival. Edition #26 is set for March

1 and 2, 2013 in Plymouth Meeting. Co-Festmeisters **Rich Cuff** and **John Figliozzi** and I look forward to seeing many of our club members at the Fest.

A. J. Janitschek of Radio Free Asia notified us of the release of their 2013 Year of the Snake QSL card for reception report through April 30th. According to tradition, everyone born in a snake year is considered wise and intelligent. Other characteristics of those born in snake year is they are charming, romantic, exceptional communicators, maintain good tempers and excellent manners, and they like to be in control therefore they are also very calculating. Snake people love the arts, including books, music, and photography along with fine clothes, food, and luxurious surroundings. They are also patient, waiting for the right moment to achieve their goals. Reception reports are accepted by email at qsl@rfa.org, and for anyone without Internet access, reception reports can be mailed to: Reception Reports, Radio Free Asia, 2025 M. Street NW, Suite 300, Washington DC 20036, USA.

On January 27th domestic and international postage rates increased once again. The cost to mail a first class letter is now 46 cents, while the cost to mail a postcard is 33 cents; an increase of 1 cent for both. The US Postal Service introduced a First Class Mail Global Forever Stamp that will enable users to mail a 1-ounce letter anywhere in the world for one set price of \$1.10.

I have a couple of electronic weekly Flash-sheeters missing in action. I need current contact information for **Ken Godfrey** and **Warren Voorhees**. Thanks!

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

50 Years of Unity and Friendship

Musings

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

Please e-mail musings to jerrylineback@comcast.net. Next deadline is March 27. Thanks to all contributors.

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

It had been over a year since the gang last trekked to French Creek State Park for a DXpedition. The cabins are undergoing "renovation" which takes a good eye to notice (new carpet, new tiles and a new shower). Upon arrival, Dave Turnick was quick to set up his antenna while I needed to clean my table of a year's worth of gunk that accumulated on it while stored in my garage. I went to the sink for some water and noticed no water. This was quite troubling. For some reason, I checked all the faucets and found that same problem. Dave Reitz arrived just as I wrestled with a "what to do?" problem. String my antenna or admit defeat? Since Dave T had his antenna set up, he was staying. I began to string my antenna (the ground was clear making this relatively easy) as Dave Reitz found a park person who was able to find a maintenance guy to fix the problem (a relay to all 10 cabins tripped for some unknown reason). With water restored, we greeted Ed Mauger who rounded out the cabin.

Conditions were reasonably good with Radio Oriental heard at nice levels but many other Latin's somewhat weak the first day. Asian stations were pretty good with many Philippine and Chinese outlets noted. Also, I heard Reflections Europe in Ireland with religious programming until the carrier was terminated early at 2230 (listed s/off is 2305).

The next morning started with rain with clouds dominating the sky all day. Conditions were good in the morning and afternoon but I was especially impressed with the Latin conditions in the evening with Radio Logos to 0402 sign off and Radio Ondas del Sur Oriente making appearances. I heard Radio Thailand's 0200 West Coast broadcast in English which was a first for me. That came after a late pasta dinner with meatballs, bread and wine. After dinner I was able to track Radio Logos through the CODAR to its 0402 sign off with the Peruvian National Anthem. It was a very good evening.

The following morning was a slow start. I dragged myself out of bed around 1130 UTC to see only Eddie at the listening post. It was a slow start to a dreary weathered day. Nevertheless, there is always something to listen to with Malaysia and Bangladesh good targets for the closing session. We wrapped up, dismantled our antennas and packed our cars for the journey home. We will next gather in Plymouth Meeting for the annual Winter SWL Festival in early March. It was great to get to a quiet location once again for some DXing excitement.

That's it from Wyomissing!

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

I would like to invite everyone to share their thoughts on shortwave topics through Musings. Please use e-mail if you can. Analog contributions can be sent to the P. O. Box.

We caught the edge of Nemo here and got the most snow of the winter to date, about 8 inches. It continues to be a dry winter here and windy, but another "noreaster" may attack this weekend. I continue to be handicapped by lack of a decent antenna for frequencies below 5 MHz, but do what I can. The SDR-IQ is fun to use.

That is all for this month. Please send your musings and thanks. 73, Jerry.



Listening Review

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

Hello. I am a fairly new member here in NASWA, although I have been a shortwave listener for over 35 years, and I am delighted to bring you this new "Listening Review" column every two months. Many of you may be familiar with my "Listening Post" columns in the past in Contact Magazine from the World DX Club (which sadly recently ceased publication), or maybe in its current revival in BDXC-UK's Communication. In this NASWA column I'll be providing programming comment, featuring programs that I've heard over the past two months. I will normally (although not necessarily) have a "Spotlight" theme for each issue. This might be programs from a particular station (eg Voice of Russia, etc), or programs of a particular type from various stations (eg Music, or History or Listener Feedback programs, etc), or different international stations approach to a particular Global news story (in the past that might have been Hurricane Sandy; or when Party secretary Bo Xilai was removed from China's leadership in March amid a corruption scandal). However, the format is not fixed and will vary from time to time. One constant though is that your contributions are very much welcomed, either following-up on anything that I have heard and written about, or indeed (*and especially*) anything that you have heard. I look forward to hearing from you. So enough of the pre-amble ... on with the show!

Spotlight on: TRT – The Voice of Turkey

For this review I have listened to broadcasts of the Voice of Turkey, either on 12035 at 1330 UTC (which comes in with good reception here in the UK), or via the listen again facility on the TRT and WRN websites.

All broadcasts start with a full frequency announcement – although they always announce the times in local Time in Turkey, but say that those are UTC times. The format

of each broadcast is News, followed by features and ending with a music selection.

Each program starts with around 20 minutes of *News, including the Review of the Turkish Press*, and concentrates on Turkish and Middle Eastern events, as can be seen from the top stories from a few random days listening in early February:

5 Feb:

- § Turkish PM tour of Europe – he is now in Budapest
- § US Ambassador to Turkey comments on Turkish/US relations, and comments about Obama
- § 5000 Turkish children have been given to Christian families without judicial review (it wasn't clear why the children were being given away – indeed there didn't seem to be an objection to that, as such, just that they were going to Christian families rather than Islamic families)

6 Feb:

- § Turkish PM visit to Slovakia
- § OIC (Organisation of Islamic Cooperation) Summit opens in Cairo
- § Syria's ballistic missile capability
- § Turkish army providing security in Gulf of Aden and Somalia

7 Feb:

- § Global economic crisis talks at the OIC Summit in Cairo
- § OIC talks about Syria
- § Turkish PM visit to Slovakia
- § Joint military exercises with Turkey, Azerbaijan and Georgia

§ Clashes in Syria

8 Feb:

§ Iranian National Day

§ More clashes in Syria

§ French troops action in Mali

Whilst I do not tend to listen too much to news broadcasts – I generally prefer music, cultural and history type programs, I do think that TRT generally does a good job of covering Turkish/Middle Eastern news and events. I will mention, however, that there is one female announcer (such as in the news bulletin of 8 February) who reads the news far too fast, making it quite difficult to catch everything that is said. Even on a clear download recording it is difficult, but add a few fades and crackles if listening via shortwave and it becomes almost impossible at times.

So, what about the feature segments?

The World is Ours is broadcast on Tuesdays. This is an excellent environmental program looking at our world and what is happening to it. TRT is not the only station with such programming, and I'll return to them in future columns.

The February 5th edition of *The World is Ours* highlighted climate change and recent disasters in Pakistan, China, Russia and Siberia which are all attributed to global warming, which in turn is caused by humans. This was followed by a list of the ten "greatest disasters caused by humans", including:

§ Turkmenistan, where a Soviet drilling rig accidentally punched into an underground natural gas cavern filled with poisonous gases and causing a huge 100 meter diameter hole releasing the poisonous gases. The hole was set aflame to avoid an even greater disaster. The hole has been in flames for 38 years!

§ Chernobyl, the most contaminated place on earth where a catastrophic nuclear accident resulted in 49,000 people being

evacuated, and leaving it a ghost town. (Looking this up in Wikipedia, I see that far more were evacuated from the surrounding area with an exclusion zone of 31 km still in place.)

§ Pacific Ocean – there is an area filled with 3.5 million tons of rubbish – 90% of which is plastic bags. The rubbish-island is located between California and Hawaii and is twice the size of Texas. The presenter asks: "*Do you think that this rubbish filled up the area by itself?*"

The program ended with "*the hope to live in an unpolluted world.*" Thought-provoking stuff, and this program is well worth a listen.

The **Household Environmentalist** broadcast on Thursdays is a hoot! On February 7th we are given multiple uses of "unwanted household sponges", and "other uses of milk".

Did you know you can extend the life of vegetables by placing a layer of sponges at the bottom of the fridge to absorb moisture from the humidity and this will help stop the vegetables rotting; or put some sponges at the bottom of a potted plant, the sponge will store water and release it slowly; or stop insects getting to your vegetables with sponges which have been used with ammonia to clean floors, the insects will hate the smell. A lot more tips were given – I just hope that you have enough unwanted sponges.

So what about other uses of milk? If your milk has "gone off" – pour it onto your silver and half an hour later the silver will be shining. Have some cracked porcelain? – boil milk in a pan, place the porcelain in it for 4-5 minutes and the protein will cover the small cracks. Or finally; milk is a great skin softener – have a bath in it!

I recall a previous edition having tips for what to do with used floss. Sadly, I've forgotten what those were!

DX Corner is heard on alternate Saturdays (*scheduled next on 2 and 16 March*). I rarely make a point of listening to this program.

Glenn Hauser has often commented on the lack of attribution for any items mentioned on this program. The edition heard on February 2nd was no exception and had items on: recent floods in Queensland; 11th High Speed Telegraphy Championship in Bulgaria in September; amateur radio helping out during tornado in the US in 2011; TRT's 45th anniversary; talks at Eutelsat HQ about malicious satellite signal jamming.

Wednesdays brings **Letterbox**. The presenter here does a reasonable job reading out listeners letters. These days this can be a difficult task for any station to make something entertaining out of just a few letters. Anyway, it is always nice to hear your name read out on the air (even after 35 years, I still find this quite exciting!). One interesting point in this program was reference to two new listeners who have been allocated listener numbers 9319 and 9320 respectively. Whilst I don't think that we needed to know what number has been allocated to a particular listener, it did occur to me that #9320 didn't sound particularly high. Maybe it is a recent move to allocate numbers? If this listener number allocation is spread over all language departments, it becomes a worryingly low number.

I highly recommend a go at their **Question of the Month**. In the last couple of years I've won a very nice baseball cap (white with the TRT logo in full color on the front) and a wooden fold-up travel alarm clock with the TRT logo on the top.

A quick mention for one final program, **Istanbul Istanbul**, which is broadcast on alternate Thursdays (alternating with **Through History**). The program of February 7th gave a detailed and very interesting account of how the Ottoman Army marched on Istanbul in 1453, the resulting siege of Istanbul by Sultan Mehmet II (*Sultan the Conqueror*), and the eventual fall when the city walls finally could not resist the attacks any more. Highly recommended.

The program schedule on the TRT website is sadly out of date, so here is their latest schedule compiled by monitoring over the last few weeks:

Daily

- § **News / Review of Turkish Press**
- § Feature programs (*see below*)
- § **Question of the Month**
- § Music selection
- § News headlines

Monday features

- § **Ataturk in Memoirs**
- § **Turkish People for Beginners**

Tuesday features

- § **This World is Ours**
- § **Let's Learn Turkish**

Wednesday features

- § **Review of Foreign Media**
- § **Letterbox**

Thursday features

- § **Household Environmentalist**
- § **Istanbul Istanbul (or Through History)**
(*alt weeks*)

Friday features

- § **The Blue Voyage**
- § **Let's Learn Turkish**

Saturday features

- § **Turkey and World Agenda**
- § **Our Culture (or) DX Corner** (*alt weeks*)

Sunday features

- § **The Blue Voyage**
- § **Let's Learn Turkish**

I'll return to the programs of the Voice of Turkey on another occasion, including a look at some of their non-English language music programs.

Until next time – good listening and I look forward to hearing from you!

Alan.



Shortwave Center

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

This month, in the afterglow of the 26th Winter SWL Fest, we have some news of the recent HFCC-ASBU A13 Coordination Conference in Tunis, a story from The London Telegraph about the unfortunate circumstances that have befallen Trevor Baylis, the inventor of the wind-up radio and another installment in our Ceylon series from Adrian Peterson's Diary.

The Story of Radio Broadcasting in Ceylon - 5: Kandy on Mediumwave

Adrian Peterson's Diary

The regional city of Kandy is located almost right in the center of the island of Sri Lanka. It is described in the encyclopedia as the most scenic city in the island, and it was the capital city for the era of the last kings of Sri Lanka.

The city was first established back in the 1300s, and its original name was Senkadagala. The present name Kandy is derived from the name in the Sinhala language, Kanda Uda Rata, meaning the "land on the mountain". Under the Portuguese, the name was shortened to Candea, and under the British it became Kandy.

The picturesque city of Kandy, the second largest in Sri Lanka, is nestled in between the mountain ranges, and at the edge of a large and scenic lake. Because of its higher elevation at 1600 feet, the climate is milder in the hot seasons. It is a tourist destination for Sri Lankan citizens, as well as for foreigners also. The total resident population is around 100,000.

The radio scene in Kandy is very interesting, in view of the fact that four, or perhaps just three, different radio organizations have been on the air at this exotic location.

During the latter years of World War 2 in Asia, Lord Louis Mountbatten, a member of the British royal family and subsequently the last Viceroy in India, came to Kandy in July 1944. He transferred the headquarters of SEAC, South East Asia Command from

New Delhi in India to this country locality in Ceylon. In Kandy, Mountbatten took over the Perideniya Botanical Gardens and established his elaborate SEAC headquarters in the Royal Palace in Kandy,

It took four trainloads to transfer people and equipment from Delhi to Kandy, and at the height of the British presence, there were more than 5,000 military personnel from the United Kingdom on location in Kandy. Mountbatten commuted between Kandy and Colombo in his own private train, running on the line between these two cities.

One month after Mountbatten's arrival, the American General Joseph Stilwell arrived in Kandy and established the American headquarters in the same city. This regional city was chosen as the location for regional army headquarters because of its more equitable climate in tropical Ceylon.

During their temporary stay in Kandy, both the British and the Americans established local radio broadcasting stations. The two local mediumwave stations, BFBS and AFRS, were both established around the same time, and they were both closed around the same time, though very little is known about either of these two entertainment radio broadcasting stations.

The American AFRS Armed Forces Radio Service radio station was inaugurated with 50 watts on 1355 kHz in August 1944. A little earlier, over there in the sub-conti-

ment, the government had given approval for the Americans to establish AFRS local entertainment stations throughout India, but it was stipulated that the power output should not exceed 50 watts. It would seem that the Ceylon government had taken the same attitude.

The American radio station carried short-wave relays from the United States, though much of the programming was produced locally, with the usage also of AFRS discs flown in from California. After the American forces moved away, the station was finally closed, on November 28, 1945.

The British counterpart was probably also a low power job as we would suggest 50 watts or lower. However, almost nothing is known about this station, except the fact that it was on the air, and it was located in Kandy, and its brief lifespan was approximately the same as the AFRS station. There are no known QSLs verifying the reception of AFRS nor BFBS Kandy.

Work on the more recent 3rd radio broadcasting station in Kandy began in the year 1960, when the Sri Lanka Broadcasting Corpora-

tion announced plans for their first regional facility. The original planning called for local production and on air studios, and a mediumwave transmitter on 660 kHz.

Progress on this project at Senkadagala (Kandy) was quite slow, and the first reference to this station in the World Radio TV Handbook as actually being on the air is in 1969, with .25 kW on 570 kHz. In 1971, the WRTVHB shows Senkadagala now with 1 kW on that same channel 570 kHz, and the lower powered .25 kW unit on 822 kHz.

Six years later, in 1977, the original channel 570 kHz is now shown with 10 kW; and in 1983, the second channel, now on 819 kHz, went to 10 kW. The last showing for mediumwave in Kandy in the WRTVHB is for the year 1999. Since that time, only FM is listed for Kandy. It is known that there are several QSL cards verifying mediumwave SLBC Kandy.

More on Kandy Radio next time, including the enigmatic Kandy Radio on shortwave.

(First broadcast on "Wavescan," May 27, 2012.)

RADIO HISTORY: Trevor Baylis - I've wound up broke despite inventions.

Inventor Trevor Baylis says he faces having to sell his house after failing to make money from his wind up radio and is now calling for the government to step into to protect inventors.

By Richard Gray, Science Correspondent, *The Daily Telegraph*

8:10AM GMT 17 Feb 2013

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"I've got someone coming around in the next couple of weeks to do a valuation on my house," says Trevor Baylis, as he walks into the sitting room of his home on Eel Pie Island, in Twickenham, south-west London.

"I'm going to have to sell it or remortgage it - I'm totally broke. I'm living in poverty here."

Surely not? This is the man whose wind-up radio has sold in millions around the world, and was recently named among the 50 greatest inventions in British history.

The story of Baylis and the clockwork radio he developed in his garden shed in the early Nineties should be a shining example of how British ingenuity can lead to success. On the walls of his house are nearly a dozen honorary degrees he has since received, a letter he was sent by the Prince of Wales on being awarded an OBE, and photographs of himself with Nelson Mandela.

But as the eccentric 75-year-old inventor shows off the compact home and chaotic workshop he built himself nearly 40 years ago, he grows remorseful. Despite the apparent success of his wind-up radio and several follow-up products employing similar technology including a torch, a mobile phone

charger and an MP3 player, Mr Baylis says he has received almost none of the profits.

Due to the quirks of patent law, the company he went into business with to manufacture his radios were able to tweak his original design, which used a spring to generate power, so that it charged a battery instead. This caused him to lose control over the product. Now Mr Baylis wants the Government to protect future generations of inventors from suffering a similar fate.

"We are brilliant at inventing but appalling in the way we treat inventors," he says. "I was very foolish. I didn't protect my product properly and allowed other people to take my product away. It is too easy to rip off other people's ideas.

"You have to take someone to court to stop them, but as a lone inventor, you just can't afford to do that. If they just change the design slightly, then they can claim they have got around the patent.

"The Government needs to stand behind the lone inventor. There needs to be better support to help inventors keep their designs and to help them fight against the big boys."

Mr Baylis has been lobbying for the patent system to become more robust and to turn the theft of intellectual property into a white-collar crime that carries a prison sentence.

Currently patent infringement is considered to be a civil matter in the UK rather than a criminal matter. According to Mr Baylis, other countries such as the US and Germany provide far greater protection and support to their engineers and inventors.

Next week Vince Cable, the Business Secretary, will sign a new agreement to establish a Europe-wide patent that will cover 25 countries and is aimed at simplifying the process of protecting designs for inventors.

However, in a world of international trade, where products are manufactured on the cheap in countries such as China and imported, the risk of having a design stolen or copied is even greater due to the difficulties in bringing lawsuits and the poorer reg-

ulation in these countries. Even major companies like Apple have suffered from their technology being copied by Chinese firms.

Mr Baylis insists that the Government should make tackling this problem a priority to help bolster the UK economy. "Even when someone has a bright idea, what tends to happen is that it goes off abroad to China to be manufactured. Once something is being manufactured overseas, then those ideas can be stolen.

"The Government should definitely play more of a role in stopping this from happening. They should offer financial support, advice on developing people's inventions, and help to keep that manufacturing here in the UK. It would make money for the British economy."

Over the past nine years, Mr Baylis has been using his own money to help fund a company designed to provide advice to inventors and helping them take their products to market. But faced with growing financial dire straits, the firm is struggling. Mr Baylis himself now survives by earning money as a motivational after-dinner speaker, but despite clearly loving to talk, even this source of income is now drying up.

As he bustles around his one-bedroom home, Mr Baylis, who is single, tells a torrent of bawdy jokes and one liners.

He built the house, which features its own mooring on the Thames and a five-metre swimming pool in what doubles as his entrance hall, in the 1970s for just £20,000. He had fallen in love with Eel Pie Island as a young man due to a passion for jazz – in the 1960s the island was famed as a jazz and blues venue. There are now 120 inhabitants on the island and a number of artists' studios.

Mr Baylis shares his home with Ike, a plump Labrador. On the walls he has a few pictures of his "lady friend", but it is clear his house lacks a woman's touch. "I never throw anything away," he says. "You never know when it might be useful." Screws, bolts, pieces of wire, cogs, circuit boards and fuses litter the place. Even old microwave meal trays are put to good use as makeshift drawers for some of his odds and ends.

The garden, which overlooks the Thames, is designed with the simple functionality of a bachelor in mind. There are plastic flowers sitting in pots on top of synthetic grass, the ultimate in low maintenance.

The shell of a classic car he attempted to build in his younger days sits on one side of the garden as a rather extravagant parasol stand.

Running around the outside of the main part of the house is what Mr Baylis calls his "studio". It is the workshop where he continues to tinker with ideas and build devices using an impressive selection of band saws and lathes.

He has invented more than 250 products, including a shoe that generates enough electricity as you walk to charge a mobile phone, a self-weighing briefcase, and a device that allows the disabled to open jars with one hand.

On the shelves around his workshop are dozens of wind-up radios, torches and other clockwork devices.

He still has the original prototype of the wind-up radio he first built back in 1991 after watching a television program about the spread of Aids in Africa.

By allowing people to access the airwaves – and therefore information – in remote areas of the continent where there was no electricity, he hoped it could help tackle the spread of the disease by allowing advice about contraception to reach everyone.

An ugly black box with a large metal key in the back, the original prototype ran for just 14 minutes before needing to be wound up again, but over time the efficiency improved and the product became slicker.

In 1995, following an appearance on Tomorrow's World, he set up Baygen Power Industries before the company was renamed Freeplay Energy. It was at this point that the design began incorporating cheap rechargeable battery technology and his involvement ceased. Freeplay has gone on to sell more than three million wind-up radios, with that number growing every day.

John Hutchinson, chief technology officer at Freeplay, said Mr Baylis had voluntarily sold his shares in the company and that technology had moved on, leaving his original patent outdated. He said: "Freeplay developed its own technology and by 2000 no more clockwork radios were made. The method was to use human power to recharge a battery. Trevor sold his shares in the company and the now outdated patent was incorporated into Freeplay."

Earlier this year the wind-up radio was named by the Radio Times as one of the 50 greatest British inventions of all time, along with the steam engine, the television, the jet and the world wide web.

Now Mr Baylis, a former professional swimmer and stunt performer, contents himself with soaking in the hot tub he has built in his garden every morning and taking Ike for long walks.

But he fears that he may have to sell his beloved home as debts begin to mount. Other properties on the island have sold for up to £400,000. He has also been offered £80,000 for his treasured Jaguar E Type, which he keeps locked away from the elements in a garage.

"I don't want people looking at me and thinking how sad it is that I am now living in poverty," he says. Instead he wants his situation to be a cautionary tale. "If people are not going to be rewarded for their inventions, then why should they invent at all. This nation was built on inventions and manufacturing.

"People like James Dyson have done very well, but not many of us have all the business skills we need to bring a product to market.

"Students need to be taught about intellectual property in schools and the Government needs to have people who have themselves invented working for them.

"We need to value inventors, otherwise more will end up with nothing."

NEWS: HFCC-ASBU A13 Frequency Coordination Conference

Excerpted Remarks by HFCC Chairman Oldrich Cip re: World Radio Day

Since the conference week in Paris last August we have been quite preoccupied and busy with our commitments arising from the partnership of the HFCC with the UN Educational, Scientific and Cultural Organization UNESCO for the preparation of the incoming World Radio Day on February 13th.

This particular date has been chosen for the occasion as the day of the launch of United Nations Radio. This is particularly significant for our partnership in the WRD since the first UN sound radio programs that started in 1946 were broadcast on shortwave frequencies. Other means of content distribution were introduced much later.

The Communication and Information sector of UNESCO has asked us to invite our members to offer suitable items for the special UNESCO website and also to invite them to take part directly in the WRD celebrations held in their Paris headquarters next month. I am happy to report that seven international broadcasters will be present in Paris including the BBC, China Radio International, the Voice of Russia, RFI in Arabic and Radio Exterior de Espana from Spain.

The World Radio Day has been proclaimed with the aim of promoting the value and importance of sound radio in general irrespective of the mode of delivery. There is a general agreement I believe that radio in this general sense is not threatened by extinction since it had penetrated into all new technologies ranging from internet to mobile phones.

The situation is more complex for users of wireless terrestrial radio (and also TV). Broadcasters are concerned that a part of the spectrum might be given over to mobile broadband for example.

The spectrum of shortwave broadcasting is not under an immediate threat in that frequency band assignments there would be taken over by other services. The concerns

are different: As we have noted repeatedly, shortwave broadcasting has been reduced or even completely abandoned in a number of countries because of the arrival of new technologies, and also on account of the current climate of economic austerity.

We have taken up the partnership in the World Radio Day in an effort to show that synergy rather than competition is needed between the new distribution platforms and the traditional shortwave transmissions. We have also tried to show that the presence of broadcasters across all distribution technologies makes international radio the most effective.

The UNESCO's World Radio Day website that is linked from the HFCC front-page also highlights the humanitarian aspects of shortwave broadcasting: In particular its ability to reach across the digital divide to the most marginalized societies, its help in "Radio in Distance Education" projects - and perhaps most importantly - its unique potential of a powerful communication tool in disaster relief.

Our participation in the UNESCO Radio Day is capable of helping us in the promotion of the International Radio for Disaster Relief (IRDR) project that we proclaimed recently. It is in our interest that the World Radio Day gets the best possible publicity.

DRM Presentations

There were two presentations dealing with DRM — Digital Radio Mondiale. First, HFCC Vice Chairman Horst Scholz talked about a joint project that his former employer, Deutsche Welle, had conducted together with the BBC. In 2010, the two stations operated a joint DRM-only service presenting the best of BBC and Deutsche Welle programming in English and Hindi daily from 1400-1800 UTC beamed to South Asia

from DW's Trincomalee, Sri Lanka relay site with 90 kilowatts of DRM power and from the BBC's Thailand relay station with 100 kilowatts DRM power. They also used mediumwave 1548 kHz from the Trincomalee site from 1700-1800 UTC. "There was good response," said Horst. "It was very popular."

Unfortunately, Deutsche Welle ended its participation in the joint experiment in 2012 when they decided to close the Trincomalee station. The BBC continues. Horst said that the experiment's success "shows that broadcasters could share transmissions like this in the future. But it's important to have attractive content."

The second DRM presentation was by Jean-Francois Kipp, Director of Sales for Africa and the Middle East for Transradio, the Berlin-based company that was formerly known as Telefunken. Jean-Francois explained that as the digitalization of AM frequencies allows a huge gain in quality and a relative increase in their coverage, DRM provides them with a double solution: first a simple DRM reception with an increasing variety of DRM receivers directly to the end users, the audience. In addition, DRM provides the possibility for the broadcasters to distribute their signal worldwide without being dependent on costly satellite up- and downlinks.

With a professional DRM modulator and a professional receiver, the broadcasters can build their own network to distribute their signal worldwide that can then be rebroadcast locally on an FM network, as DRM allows up to four services at the same time that can then be rebroadcast on four different FM channels. Broadcasters can therefore reduce their annual satellite bandwidth cost and increase their independence from other service providers by owning their own signal distribution.

The bandwidth of the antenna, which is an issue on MW or LW, isn't really relevant on SW, where the antenna bandwidth is normally sufficient, said Jean-Francois Kipp. But a shortwave transmission system has to work with different frequencies and also different antennas, which have different characteristics. Therefore, an important

feature of the DRM modulator for shortwave is to have a feedback channel and an automatic equalizer during operation. The operator cannot recalibrate his modulator each time the antenna or frequency is changed. A scheduled re-equalization of the DRM parameters is one of the most important features for the DRM modulator on the SW band, such as the TRANSRADIO DM03.

Jean-Francois gave a general explanation of the DRM system. He talked about the receivers that are already on the market, and said that broadcasters can reduce their power consumption by 40% using DRM. For listeners, the advantage is FM-like audio quality. But, like Horst Scholz, Jean-Francois emphasized, "the important thing is content." DRM offers broadcasters the ability to offer high audio quality, add pictures, add languages, etc. He showed examples, with audio samples, of analog vs. DRM broadcasts. He said that stations can convert a wide range of transmitters — including Continental, Telefunken and even old Russian transmitters — to DRM capability.

As for recent usage of DRM, Jean-Francois cited DRM shortwave services on the air in Delhi since 2009. All India Radio is on shortwave in DRM 16 hours daily. Nigeria is now broadcasting in DRM from Abuja. Mozambique, he said, "is going in the direction of DRM." Bangladesh has added 250-kilowatt DRM-capable transmitters. Japan is installing four 400-kilowatt DRM-capable shortwave transmitters at its site in Yamata. He said Australia and New Zealand are using DRM transmitters to send programming to listeners in the Pacific Islands, and also to local radio stations for rebroadcasting (Radio New Zealand International with 100 kilowatts, 20 hours daily). He said DRM-capable shortwave transmitters are also installed now in Malaysia, China and Bangladesh. Jean-Francois told delegates in Tunis that the DRM transition "is still much too slow for most broadcasters, but it's going forward. It's up to you to make the switch." In response to Mr. Kipp's remarks, Bassil Zoubi of the ASBU added: "There is no choice but to move to digital."

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International Broadcasting

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A sufficiently radical plan to reform USIB

Far-reaching recommendations for US international broadcasting are included in "A 21st Century Vision for U.S. Global Media," a new Wilson Center paper by retired Radio Free Europe/Radio Liberty officials A. Ross Johnson and R. Eugene Parta. It can be downloaded from www.wilsoncenter.org/event/roundtable-discussion-the-future-us-global-media. Their main recommendations:

"United States International Broadcasting (USIB) is at a critical juncture as it faces new, 21st century challenges. This paper proposes a new vision for U.S. International Broadcasting in the 21st century: a single, non-federal, congressionally-funded broadcasting organization that unites the current six entities into one with a revitalized mission employing the latest technologies in an 'audiences-centric' communications strategy. This reform will be essential to maintain an effective U.S. presence in an often hostile international media milieu to project American and Western values in support of freedom and democracy. ...

"The two-pronged Cold War communications strategy of 'telling America's story' (VOA) and providing a 'surrogate free press focused on domestic issues' (RFE and RL) is no longer relevant in the new international media environment. Moreover, two USIB organizations, VOA and RFE/RL, have now grown to six (adding the International Broadcasting Bureau, Radio Free Asia, Radio and TV Marti, and the Middle East Broadcasting Network) with overlapping language services, duplicative management and support structures, and largely un-coordinated missions and operations. This hodge-podge of U.S. broadcast organizations, often competing among themselves, can no longer be defended on either mission-related or budgetary grounds and hampers a rational

allocation of resources in line with American strategic priorities.

"The audiences-centric mission of the proposed new broadcasting organization is distinct from public diplomacy and from strategic communications. Those useful instruments of American soft power cannot be directly coordinated with USIB if the latter is to be viewed by intended audiences as a credible, objective source of news and analysis and thus justify taxpayer support as enhancing American national security."

Kim's comments

I support their two main proposals: 1) consolidation of the entities of US international broadcasting into a single, non-federal, congressionally-funded broadcasting organization, and 2) the positioning of USIB as "distinct from public diplomacy and from strategic communications."

For years, I felt like a voice in the wilderness. I have also advocated consolidation and journalistic independence for US international broadcasting, starting with "Too Many Voices of America," *Foreign Policy* 1989/90, and more recently in "America Calling: A 21st Century Model," *Foreign Service Journal*, October 2010. It's good, finally, to have some company.

I have only a few differences with the Johnson/Parta recommendations:

Johnson and Parta, while consolidating US international broadcasting, would preserve the brands of US international broadcasting. The present array of USIB brands, however, is confusing. All of the present brands of USIB have fine accomplishments, but they also have checkered histories. USIB needs to start fresh with a single brand, signaling to the world and to domestic stakeholders that USIB is in the business of news-- not public

diplomacy, not a mix of news and public diplomacy, but news. The new brand name should befit an organization that is devoted to journalism and not to regime change.

BBC, CNN, and Al Jazeera are global brands for a reason. Success for the BBC in the UK or any part of the world adds to the stature of the BBC throughout the world. This is the sort of global additive effect that USIB needs.

The role of private US international media

I also disagree with Ross and Gene on the role of US private international media. They write:

“USIB should avoid entanglement with commercial media networks, such as CNN International, Fox International and CNBC International. These for-profit organizations do not fill the same function as USIB and should not, in any way, be linked to it. These commercial media networks, despite claims of objectivity, often do present a point of view and broadcast style that would be detrimental were it to be identified with USIB. Co-mingling USIB with commercial broadcast operations would diminish its role of supporting freedom and democracy and compromise USIB’s independent identity as congressionally-funded in the national interest.”

If the private US media and USIB are doing news correctly, then they do “fill the same function.” One side is funded through advertising, the other by the taxpayers, but otherwise the product is the same. It is to the advantage of US taxpayers that US international broadcasting be conducted as much as possible by the private sector, at no cost to US taxpayers.


Yes, Fox News Channel and MSNBC are not good role models. The authors, however, do not give CNN enough credit. The hard-news, non-talking-heads part of CNN does attempt to be balanced and comprehensive. CNN International has even more news, and

much more coverage of international affairs. It is unfortunate that CNN International is not available in more American cable TV homes. CNN International has a larger global audience than BBC World News, Al Jazeera English, or any other global English news channel. It is a great American success story. USIB should not duplicate, compete with, or undercut the profit potential of any private US international media effort that provides serious news.

One of the major advantages that BBC international broadcasting has over USIB is that BBC World Service has a partnership with the domestic BBC. BBC World Service can avail itself of the domestic newsgathering resources of the BBC, and vice versa. USIB will not be in the same league as the BBC world services until USIB too can enjoy similar synergies with US domestic broadcasting. Access to the domestic newsgathering resources of US private media will bolster USIB. The language and country knowledge of USIB journalists, if put to good use by US private news media, would greatly increase Americans’ understanding of world affairs.

The last sentence in the paragraph cited above is troubling, and not just because it is laden with oxymora. Private US news media absolutely are “supporting freedom and democracy.” This is why the news media are referred to as the “fourth estate.” On the other hand, if the authors mean “supporting freedom and democracy” in a more activist way, then it would be USIB whose “claims of objectivity” are in doubt.

If the Johnson/Parta recommendations are not heeded, USIB will remain a feudal confederacy of overlapping bureaucracies, and an untenable mix of news and public diplomacy. In this case, the only successful and meaningful US international broadcasting in an increasingly complex global media environment will be from the private sector.

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

Listener's Notebook

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Times are UTC and frequencies in kHz.

ALASKA New winter B-12 of *KNLS The New Life Station* via two txs:

0800-0900 on 7355 English, additional
0800-0900 on 9655 Chinese, ex Russian
0900-1000 on 9655 Chinese
0900-1000 on 9680 Russian, additional
1000-1100 on 7355 English, additional
1000-1100 on 9615 Chinese, ex English
1100-1200 on 9615 Chinese
1100-1200 on 9680 Russian, additional
1200-1300 on 7355 English, additional
1200-1300 on 9615 English
1300-1400 on 7355 Chinese, additional
1300-1400 on 9680 Chinese
1400-1500 on 7355 English, additional
1400-1500 on 9615 Chinese
1500-1600 on 9655 Chinese, ex English
1500-1600 on 9680 Russian, additional
1600-1700 on 6190 Russian
1600-1700 on 7355 Chinese, additional
1700-1800 on 6190 Russian
1700-1800 on 9655 Chinese, add'l
(DX MIX News, Georgi Bancov & Ivo Ivanov-BUL, via Dan Ferguson-SC)

ARMENIA 4810, *Armenian Radio Yerevan* via Gavar relay site, heard folkloric men's chorus on - probably - scheduled Farsi foreign service at 1446 Jan 31, S=9+15dB here in Germany. (wb, wwdxc BC-DX TopNews Jan 31)

ASCENSION ISLANDS New additional transmission of *BBC* from Feb. 10:

1730-2200 on 15150 Hausa Sunday
(DX MIX News, Georgi Bancov & Ivo Ivanov-BUL, via Dan Ferguson-SC)

AUSTRALIA ABC Alice Springs continues using 4835 for undefined period also between 0830-2130 instead of 2310. (WRTH Monitor Update)

BOLIVIA R. Panamericana, La Paz is reported back irregularly on 6105v. Schedule 1000-0300 (SS 1100-2300). (WRTH Monitor Update)

6134.85, **R. Santa Cruz**. Came up out of the mud at 1013 with a ballad, short announcement and into more up-tempo songs with heavy Andean influence. A serves of rapid announcements at 1023 and what sounded like an ID (but can't be sure on that!), then into more music. Back into the mud by 1035. At its best, the signal was fair to poor - BUT it was nice to hear it at this time of the year (summer, non-Latin season). Feb 6. And then the next day - Feb 7 - 0920 - Santa Cruz back again with an impressive signal on this occasion - peaking S9 on the meter at times! Bolivian pops and a long conversational style of chat on local affairs at 0925 with one mention of Santa Cruz. More music at 0942. ID at 0945 and lots of mentions of Bolivia. Signal strength deteriorated from around 1000, but it was still audible right up till 1050. Measured as 6134.83 this day. (Rob Wagner-Australia/EDXP)

6154.9, **R. Fides** - La Paz. Fair signal with talk at 0950. But then it got smashed by China's CNR 2 at its 1000 s/on! (Rob Wagner-Australia/EDXP)

BRAZIL 4775, *Radio Congonhas* has been reported as inactive. Information thanks to Radio Escutas Yahoo Group in Brasil. (PlayDX)

5015, **R. Cultura**, Cuiabá MT is active again, carrying "A Voz da Libertação" prgr. 24h. (WRTH Monitor Update)

BULGARIA 11620, New UNIDentified station in Arabic or Somali was observed on Febr 11. Idhaa-tu Sharooqa (or Sharooka) is a new station in Arabic: 1600-1700 11620 to Eritrea from Kostinbrod, powerful signal in Sofia, Bulgaria. Weak signal also on second harmonic 23240 kHz. Correct time is 1600-1656 on 11620 and from 1657 move to 11560 for Dimtse Radio Erena 1700-1730. 1600-1656 on 11620 SOF 050 kW/195 deg to EaAF powerful signal in Sofia. (Ivo Ivanov-BUL, via wwdxc BC-DX TopNews: Febr 11/12) UNID on 11620. I listened to the file, it is Arabic with African accent, but no ID mentioned or times of the transmission. Just a note stating we have reached the end of the transmission and looking forward for our next one. (Tarek Zeidan EGY, hcdx Febr 12/TopNews)

Sawtu Idhaatu Sharooqa is a new station in Arabic via Kostinbrod 1600-1656 on 11620 to Eritrea. Day by day the same px! Powerful signal in Sofia. Mon-Fri from Feb.11. DX MIX News, Georgi Bancov & Ivo Ivanov-BUL, via Dan Ferguson-SC)

CHILE Dear listeners and friends, First of all I would like to thank you for your reports of the last week of transmission of **CVC La Voz** in short-wave. We closed transmissions few months ago and we have been dismantling the site during these months so we will be finishing probably this month. I'm sorry for the delay in this response, but we have been in a complicated process from the technical, administrative and personal point of view, and because we have experienced a reduction in personnel as well, we have been late in sending the QSL requested. But, during this month we have been sending a lot of QSL, and due the quantity of requests and reports we received, it will be difficult to send responses to everybody. All of the messages and reports showed us that they were lot of people listening to our signal and this satisfied us a lot. By now, an in the case you don't receive the QSL physically, I'm attaching a scan of it. Also I'm attaching a list of QSL sent already. Personally speaking, I'll stop working for CVC soon, so this email address will stop working soon. Thanks again for all your messages and reports! Kind regards, Antonio Reyes Barriga, Gerente General, Sitio de Onda Corta, CVC La Voz, Fono: +56 2 8557046, Email: antonio@cvclavoz.cl. (Direct)

CHINA 3280/4950/5075, **Voice of Pujiang**, Shanghai is now on the air *1200-1600*, while 1422 MW and streaming website <http://radio.weibo.com/shanghai/am1422> is broadcast *2200-1600* (and heard in Denmark on web. Ed). The station has an active DX-er in its staff, Mr. Qian Xiaoyan, called Victor, who promises personally to verify reception reports by e-mail or letter again after they ran out of QSL-cards long time ago. Send them by e-mail to victor.pujiang@gmail.com or by snail mail, included an IRC (not folded) (or one U.S. Dollar), to Mr. Qian Xiaoyan, Floor 11, Radio Building, No. 1376 Hongqiao Road, Changning District, Shanghai 200051, P. R. China. (Breyel via Rajeeesh/DX Window)

CLANDESTINES 3930, **R Voice of Kurdistan**, via Sulaimaniya, Iraq (presumed), *1510-1625*, observed almost daily Dec-Jan and also at 0555 with dominating Iranian jammer sound and tiny

speech. Re-activated! (Pankov/DX Window) Has been off the air most of the time since June 2012. (Ed/DX Window)

3960, **Voice of Iranian Kurdistan**, Salah Al-Din, Iraq, *0227-0232, Jan 09, s/on with 5 minutes delay after the signal on 4871, IS, Anthem from 0232, ID, sermon; same programme content as on 4871, but with 5 mins delay. (Pankov/DX Window)

Radio Free Sarawak and **Radio Kenyalang**: "On a police report lodged against Radio Kenyalang by PRS Youth recently, Sng said as far as SWP was concerned, the party did not breach any law. "What's there to comment? If we're implicated in the police report, let the police do their investigation. "I've not seen the police report and I don't want to comment on something unnecessary," he said. Besides, Sng said, "there was no law in the country stopping a shortwave radio from broadcasting internationally." <http://the-star.com.my/news/story.asp?file=/2013/1/27/sarawak/12633476&sec=sarawak>. (Bob Wilkner-FL/NASWA Yahoo Group) After a series of test transmissions on 9900, Radio Free Sarawak have just announced that their daily transmissions will now be permanent on that frequency from today Feb 10, for what is believed to be a one hour broadcast from 1100. (Rob Wagner, VK3BVW-Australia/EDXP)

KUCHING: Chief Minister Pehin Sri Abdul Taib Mahmud describes **Radio Free Sarawak** (RFS) as a 'naughty one' who has no respect for the truth. Masing added that Radio Free Sarawak and Radio Kenyalang must be stopped to prevent others from following suit." <http://www.theborneopost.com/2013/01/18/radio-stations-very-naughty-says-chief-minister/>. (Bob Wilkner-FL/NASWA Yahoo Group)

Time and frequency change of **Radio Free Sarawak** in Iban:

1100-1300 NF 9900 UNIDentified tx site to SEAS but no txion on Feb 10& 11!!
(DX MIX News, Georgi Bancov & Ivo Ivanov-BUL, via Dan Ferguson-SC)

Time and frequency change of **Radio Free Sarawak** in Iban:

1100-1258 NF11600 UNIDentified tx to SoEaAS, instead of the announced 9900. Very weak signal

in Sofia, very strong in Jakarta, Manila, Singapore and Hong Kong. My assumption of the transmitter site is Trincomalee at 60 degr. (DX MIX News, Georgi Bancov & Ivo Ivanov-BUL, via Dan Ferguson-SC)

OGM Radio Xoriyo:

1600-1630 on 17630 ISS Tue/Sat Somali
(DX MIX News, Georgi Bancov & Ivo Ivanov-BUL, via Dan Ferguson-SC)

Voice of Oromo Liberation:

1700-1800 on 13810 ISS Sun/Wed in Oomo/Amharic
(DX MIX News, Georgi Bancov & Ivo Ivanov-BUL, via Dan Ferguson-SC)

Voice of Oromiyan Liberation Front till Dec.30 and cancelled. (DX MIX News, Georgi Bancov & Ivo Ivanov-BUL, via Dan Ferguson-SC)

Radio Biafra London till Jan.17 and cancelled. (DX MIX News, Georgi Bancov & Ivo Ivanov-BUL, via Dan Ferguson-SC)

Hamada Radio International:

0530-0600 on 7350 NAU Hausa Mon-Fri
(DX MIX News, Georgi Bancov & Ivo Ivanov-BUL, via Dan Ferguson-SC)

Updated B-12 schedule of **Voice of Tibet:**

1200-1230 on 11528 DB Chinese
1230-1245 on 15502 DB Tibetan
1245-1305 on 15512 DB Tibetan
1300-1330 on 7414 DB Chinese
1305-1330 on 15517 DB Tibetan
1330-1340 on 7557 DB Chinese
1330-1405 on 11517 DB Tibetan
1340-1400 on 7547 DB Chinese
1405-1430 on 11527 DB Tibetan
1400-1430 on 15400 MDC Tibetan
1430-1500 on 17535 MDC Tibetan
1530-1600 on 15485 MDC Tibetan
(DX MIX News, Georgi Bancov & Ivo Ivanov-BUL, via Dan Ferguson-SC)

COLOMBIA RCN has bought **Cadena Super Radio** and the network is called now Radio Red, radiored.com.co. (WRTH Monitor Update)

CONGO REP. 6115, **R. Congo** - Brazzaville. Long talks or news/information program in French with alternating male and female announcers. Occasional short bursts of music. First noted at 1807 and continued through till 1832 when there was a change of announcers. Finally closed down without any real fanfare at 1839. In the clear but the signal was not strong and the audio appeared to be down. (Rob Wagner-Australia/EDXP)

ECUADOR 3380, **Centro Radiofónico Imbabura**, I have received an e-mail confirming my report by Mr. Luis Adriano Calero Rojas, who is the manager - owner of the station, it is Colombian and has a website with programs produced in www.radionuevahumanidad.com.; he tells me that he has created an email address to receive reports of reception at: C.R.I.INTERNACIONAL@hotmail.com. (Rafael Rodriguez R. - Colombia/PlayDX) Centro Radiofonico de Imbabura, Ibarra is reported again active with sign-on at 1100. (WRTH Monitor Update)

6050, **HCJB**, Pichincha, *0825-0835, 17-02, tuning music, National Anthem, time signals at 0830, female, Quechua, identification, Andean music. 24322. (Méndez-Spain/EDXP)

ENGLAND All BAB activities move to Woofferton. 21.5 transmission hours of Skelton site in B-12 will be moved to Woofferton site in A-13, incl **KBS** Seoul relay, **FEBE Radio**, and **BBC** transmissions in English, French, Arabic and Tamil langs. (wb/TopNews)

Rampisham SW masts demolished: There's an article about this in the January 18 Bridport News: "All but three of the 34 existing steel towers - some more than 100 metres high - are due for demolition if permission is given for a solar panel park that will create around 70 full-time jobs. Under the plans the three left would be for TV and mobile phone signals and potential future wireless broadband." There were objections submitted to the local council on the plans, including keeping two of the masts. There's a short history of the site at the end of the article. http://www.bridportnews.co.uk/news/10164825.Masts_the_past_in_solar_farm_future_for_Rampisham/. (Mike Barraclough-UK, BrDXC-UK Febr 6/TopNews)

Skelton and Cyprus sites to go silent? Wolfy has spotted that although Babcock have made some summer season registrations for Woofferton, they

have not made any at all for Skelton and Cyprus. I made enquiries and have been told that Skelton will indeed be going silent from 31 March. However, it's not being closed (at least for the time being) but kept in reserve (kept in mothballed standard?). I have assumed for a while that the existence of the Naval VLF transmitter at Skelton, and the nearby VLF at Anthorn, also run by Babcock, means that the station as a whole stood a good chance of surviving. As Wolfy also noted, Woofferton now has an array for 4 MHz, so that is no longer a reason for keeping Skelton running. So, just over 30 years ago there were five active SW sites in the UK - Crowborough, Daventry, Rampisham, Skelton, Woofferton) but soon there will only be one. (confidential item via wb df5sx, wwdxc BC-DX TopNews Febr 8) I suppose this is to be expected when considering the reduction in BBC external services. It is mostly brought about by the current government's lack of financing for the external services. The BBC is having to find money out of the domestic licence fee instead, and that has been fixed at a low sum of money that has to pay for all domestic radio and TV. Guess which comes first in priority. It will be interesting to see what remain of the BBC external services at the end of March, and what other services utilise Babcock facilities. I notice that the morning DRM transmission is still [also] registered on 5875 - I wonder why? Surely the testing phase is over and it must be for some other reason. 5875 0700-0900 27S,28W,37N WOF 100kW 114degr English BAB DRM Mix {depends on propagation, I guess winter frequency 3955 will be replaced by 5875 kHz during March? and summer season too. wb.} (Noel R. Green-UK, wwdxc BC-DX TopNews Febr 8) Noel, - see the Woofferton engineer report below ... so, also RIZ Zagreb engineers are at Skelton {one TX unit will move to Singapore Kranji site soon} ...and Woofferton, the staff look out to connect each TX to the new 75mb antenna and proof test "to match" connection, TX, Feeder and antenna. read explanation on SWR - standing wave ratio http://en.wikipedia.org/wiki/Standing_wave_ratio. (TopNews)

Change of transmitter site from SKN to WOF for the following stations:

BBC World Service in DRM mode

0500-0700 on 3955 English

Radio Taiwan International

1900-2000 on 3955 German

KBS World Radio

2000-2100 on 3955 German

2100-2200 on 3955 French

2200-2230 on 3955 English

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

FRANCE Frequency change of **Radio France Internationale** in Pashto:

1430-1500 NF 21580 ISS, ex 15360 //17850

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

GERMANY Married pair alleged to be Russian 'cold war' type spies on trial in Germany: Heidrun and Andreas Anschlag, accused of 23-year espionage career, feeding Nato and UN secrets to Moscow, in Stuttgart trial. Heidrun is believed to have received detailed directives from Moscow twice a week, using a shortwave receiver which was connected to a decoder and computer. While the couple received their messages via shortwave radio, they replied via satellite. That was before their spectacular arrest in October 2011 on suspicion of spying for Moscow, when a special forces commando stormed their house. Heidrun was in the middle of receiving encoded messages on shortwave frequency at the time, prosecutors said. She was reported to have been so shocked she fell off her chair, pulling the connection cable with her. <http://www.guardian.co.uk/world/2013/jan/15/married-pair-russian-spies-germany>. (Bob Wilkner-FL)

5th transmitter of **Radio 700** from Kall was tested from Jan.25:

0000-2400 NF 3985 KLL 1 kW

0700-1800 on 3955 KLL 1 kW & 2230-2400

0900-1700 on 6005 KLL 100 kW

0700-1600 on 6085 KLL 1 kW

0950-1300 on 9700 KLL 10 kW

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

Radio City is now broadcast via Hamburger Lokalradio's SW service

1300-1400 on 7265 GOH 2 kW English 4th Sat
USB+Carrier

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

Updated winter B-12 schedule of Media Broadcast
for **Trans World Radio**:

0645-0700 on 5910 WER Mon-Fri in Polish
0800-0850 on 6105 WER Daily in English
0930-1000 on 7210 WER Daily in Hungarian
1100-1130 on 6105 WER Sat in Romanian
1500-1530 on 7295 WER Mon in Belarusian
1500-1530 on 7295 WER Tue-Fri in Russian
1630-1700 on 6105 WER Sat in Romanian
(DX MIX News, Georgi Bancov & Ivo Ivanov-BUL,
via Dan Ferguson-SC)

Iceman Radio

0900-1000 on 6045 WER 4th Sun
(DX MIX News, Georgi Bancov & Ivo Ivanov-BUL,
via Dan Ferguson-SC)

Transportradio:

0900-1100 on 6095 Mon-Fri
(DX MIX News, Georgi Bancov & Ivo Ivanov-BUL,
via Dan Ferguson-SC)

Mighty KBC Radio:

0900-1600 on 6095 WER Sat/Sun
(DX MIX News, Georgi Bancov & Ivo Ivanov-BUL,
via Dan Ferguson-SC)

Radio Joystick, from Feb.3 and test on Jan.20

1100-1200 on 7330 ISS 1st Sun German
(DX MIX News, Georgi Bancov & Ivo Ivanov-BUL,
via Dan Ferguson-SC)

Evangelische Missions Gemeiden:

1130-1200 on 6055 WER Sat/Sun in German
1200-1230 on 13730 WER Sat in Russian
1600-1630 on 9605 WER Sat in Russian
(DX MIX News, Georgi Bancov & Ivo Ivanov-BUL,
via Dan Ferguson-SC)

Missionswerke Arche Stimme des Trostes:

1200-1215 on 6055 WER Sun German
(DX MIX News, Georgi Bancov & Ivo Ivanov-BUL,
via Dan Ferguson-SC)

Radio Dardasha 7:

0330-0345 on 6095 NAU Persian
1600-1615 on 9665 WER Persian
0300-0315 on 7325 NAU Arabic
0430-0445 on 5980 NAU Arabic
1700-1715 on 9440 WER Arabic
2000-2015 on 5940 NAU Arabic
0600-0615 on 9440 NAU Arabic
2030-2045 on 9515 NAU Arabic
(DX MIX News, Georgi Bancov & Ivo Ivanov-BUL,
via Dan Ferguson-SC)

Updated schedule of **Hamburger Lokalradio** and
partner's stations:

0600-0800 on 7265 GOH 001 kW USB+carrier as
follows:

0600-0630 Wed/Sat Hamburger Lokalradio German
0630-0700 Wed/Sat World of Radio English
0700-0800 Wed/Sat Hamburger Lokalradio German

0800-1100 on 6190 GOH 001 kW USB+carrier as
follows:

0800-0900 3rd Sun European Music Radio English
(alt.7265 check on Feb.17)
0800-1100 Wed/Sat Hamburger Lokalradio German

1100-1500 on 7265 GOH 001 kW USB+carrier as
follows:

1100-1430 Wed/Sat Hamburger Lokalradio German
1300-1400 4th Sat Radio City English
1430-1500 Wed/Sat World of Radio English
(DX MIX News, Georgi Bancov & Ivo Ivanov-BUL,
via Dan Ferguson-SC)

15215, Thursday 21 February: Annual SW broadcast
of **Radio Oomrang** (Amrum) from Amrum Island,
German North Frisian Islands. Schedule is 1600-
1659 on 15215 via Wertachtal. In previous years
programming has been in the Frisian dialect, also
some German and English. (Febr Communication
magazine, British DXC-UK, Jan 30)

The Giant Jukebox and **The Mighty KBC** are moving! The Mighty 7375 is Rocking Over The Ocean! On Sunday 3 March 2013 The Mighty KBC is Rocking Over The Ocean from Nauen with 125 kW between 0000-0200 on 7375. Please spread the word! Somewhere in May we will return to the 31 meter band for the summer period. (Harald Kuhl-Germany/DXplorer) The Mighty KBC will be moved from SPL/SOF to MBR/NAU: 0000-0200 on 7375 March 3 (DX MIX News, Georgi Bancov & Ivo Ivanov-BUL, via Dan Ferguson-SC)

INDIA In New Delhi, I met officials of AIR Spectrum Management. Problems with **AIR Leh** on 4660 and **National Channel** on 9470 was intimated personally to the concerned officials who will hopefully set it right soon. (Jacob, Jan 18/DX Window) The **AIR National Channel** on 9470 was noted on exact frequency and proper modulation last night (22 Jan 2013), after many months. They were noted drifting on various nearby frequencies with distortion for some months now. The same was intimated to the concerned officials in person during my visit to the AIR HQ, New Delhi last weekend. Now look out for any changes to AIR Leh 4660 which has been parked here for some months now, instead of using original frequency of 4760. www.qsl.net/vu2jos Also noted yesterday at 1530+ on 9425 with open carrier & no audio. (Jose Jacob-IND VU2JOS, DXIndia Jan 23/TopNews)

4760, **AIR Port Blair**, 1718-1730*, Jan 11, local song, 25331-2. (Mille). On Jan 15 a snake disrupted the programme production works of AIR Port Blair for nearly five hours. According to reports a long snake entered inside the audition studio of AIR Port Blair this morning. When someone noticed the snake, he immediately cautioned others and everyone inside the studio came out and cried for help. Soon a team of Forest Department was called to catch the snake. Though the snake was seen somewhere around 10.30 am but only by 3.30 pm, the snake could be caught, to the much delight of AIR staffs. This is not the first such incident in AIR Port Blair. Earlier in several occasions snakes had entered the studio and duty room area. Very recently a snake had bitten a lady casual announcer at night hours. Sources said that the jungle around the AIR's Port Blair unit is infested with deadly snakes and in future human and wildlife conflict may yield fatal results. This is high time for the

authorities of AIR, Port Blair to clean bushes and jungle around the studio and approach road to get rid of snake menace. (<http://tinyurl.com/a37gnox> via Gupta/DX Window)

INDONESIA RRI Nabire is reported irregularly on 6125 between 0500-0900v and on 7290 between 0900-1500v. (WRTH Monitor Update)

KOREA (NORTH) Voice of Korea - new Internet homepage. Korean Central Broadcasting Station KCBS from Pyongyang, DPR Korea (North), announce the opening of the new Internet homepage "Great National Unity" of Pyongyang Pangsong (Pyongyang Broadcasting Station - PBS) www.gnu.rep.kp. The homepage will open on 1 February 2013. They have started announcing it today in their Home Service programmes and also in their broadcasts for abroad. The event is even announced via the foreign language services of Voice of Korea. The English announcement is under <kms://175.45.176.67/CBC_audio/CBC_English/EN13012911.aac>. The Korean announcement can be found under <kms://175.45.176.67/CBC_audio/CBC_Korean/IKN130129_12.aac>. (Arnulf Piontek-Germany, Jan 29 Via TopNews)

Another frequency of **Voice of Korea** is back on air. First noted on Tue Feb.5, but languages schedule is totally wrong:

1300-1357 on 7570 English, Cancelled
1400-1457 on 7570 Korean, instead French
1500-1557 on 7570 Arabic, instead English
1600-1657 on 7570 English, instead French
1700-1750 on 7570 Arabic, instead Korean
1800-1857 on 7570 French, instead English
1900-1957 on 7570 English, instead Spanish
2000-2057 on 7570 Korean, instead French
2100-2157 on 7570 Chinese, instead English
2200-2257 on 7570 Chinese, instead Spanish
2300-2350 on 7570 Korean
(DX MIX News, Georgi Bancov & Ivo Ivanov-BUL, via Dan Ferguson-SC)

KYRGYZ REP 4010.019, **Kyrgyz Radio** heard with Russian like light dance music, trumpet solo, like from Brazil. At 0030 Febr 5th on fair S=9+10dB signal into Germany. Suffered by two peaks of UTE RTTY signal on 4005 (+/- 500 Hertz tones). (wb, wwdxc BC-DX TopNews Febr 5)

4050.075, **Radio Rossii** in Russian from Bishkek bc site, talks discussion on politic matter, S=9+10dB fair signal. 0040 Febr 5. (wb, wwdxc BC-DX TopNews Febr 5)

LIBYA Libya has changed to time zone UTC +1h and will observe summer time (UTC +2h) between last Friday of March and last Friday of October. (WRTH Monitor Update)

MALAYSIA R. TV Malaysia (RTM) regional broadcasts can now be verified directly by sending e-mail reports to Mr. Zulkifli Bin Abdul Rahim at zulrahim@rtm.gov.my. Also the reports may alternatively be mailed to Deputy Director Mr. Othman Bin Md. Said at othman@rtm.gov.my. If postal reports need to be acknowledged with QSLs, reports must be addressed to: Mr. Zulkifli Abdul Rahim, Head of Assistant Director (Quality Measurement), Technical Section - RTM Kajang, Radio Television Malaysia, Angkasapuri, 50614, Kuala Lumpur, Malaysia. Reports may also be addressed to: Mr. Othman Mohammed Said, Deputy Director, Networks Technical Section, RTM Kajang, Radio Television Malaysia, Angkasapuri, 50614, Kuala Lumpur, Malaysia. Reports addressed to regular RTM address may not verify, if correct official/department is not mentioned. Since it may not reach the right official. Thanks to Mr. Timm Breyel in Malaysia, who provided me some information about this. Mr. Othman Md. Said signed a nice QSL card on my three reception reports on 9835 and 11665 dated Dec 07 and 08, 2012. (Rajeesh, Dec 31/DX Window)

MYANMAR A new regional radio station, **Thazin Radio** has started operation in Pyin Oo Lwin, Mandalay acc. to the following schedule: 2330-0130 Burmese & 0130-0200 English on 639 & 6030, 0430-0630 English on 639 & 9460 and 1030-1430 Burmese & 1430-1500 English on 639 & 7110. Transmissions in other major ethnic languages: 2330-0130 on 7110, 0130-0330 on 9590, 0430-0830 on 9590 and 1030-1330 on 7345. (WRTH Monitor Update)

5985.836, **Myanmar Radio** from Rangoon, local Burmese pop music, weak signal at 0110 Feb 6 here in Germany. Weak S=6 signal. (wb, wwdxc BC-DX TopNews Feb 5/6)

7110.0, **Rakhine Radio** at Pyin Oo Lwin played light local pop mx at 0056 Feb 5th S=6-7 here in Germany

and also on Feb 6th at 0120, nice local pop music, S=9+5dB much stronger tonight. (wb, wwdxc BC-DX TopNews Feb 5/6)

NEW ZEALAND B-12 schedule of **Radio New Zealand International** in English:

0459-0650 11725
0459-0650 13730 DRM
0651-0758 11725
0651-0758 11675 DRM
0759-1058 9765
0759-1058 9870 DRM
1059-1259 NF15720, ex17675
1059-1259 9870 DRM
1300-1550 5950
1551-1650 9765
1551-1650 NF 7285 DRM, ex9630
1651-1850 9765
1651-1850 9630 DRM
1851-2050 NF11725, ex15720
1851-2050 NF15720 DRM, ex17675
2051-0458 on 15720
2051-0458 on 17675 DRM
(DX MIX News, Georgi Bancov & Ivo Ivanov-BUL, via Dan Ferguson-SC)

PAPUA NEW GUINEA 3385 **NBC East New Britain**. Yet again off the air Febr 13. (Ron Howard-CA-USA; via wwdxc BC-DX TopNews Febr 13)

7325, Logged **R. Wantok Light** from New Guinea, the current offset is 41 Hertz minus: 7324.959 kHz, measured around 0645-0700 Jan 27. Noted endless sweet South Sea music. Used the remote SDR unit in down under Australia. At 0702-0703 announcement by female, followed by woman chorus in Vernacular till 0706. (wb, wwdxc BC-DX TopNews Jan 27)

PERÚ 4810, **Radio Logos** 2330-2340 on Jan 25 with flauta andina. Very powerful signal with CODAR interference. Best in lsb to avoid ute. (Bob Wilkner-FL)

4835.03, **R. Ondas del Sur Oriente**, Quillabamba (ex 5120.00), Jan 28 2310-0022 44444+++ // Radio Felicidad de Lima. ID "En Radio Felicidad" continuous romantic LA mx. ID "Radio Felicidad tu música, tu radio.. Radio Felicidad 1110". Only by 7 PM they start their local b/c, with various adv, and then ID as "Son las 7 de la noche con 11 minutos, así iniciamos esta la tercera edición de Libre Opinión

a través de Radio Ondas del Sur Oriente en sus tres frecuencias 96.5 FM, 1530 en amplitud modulada y a partir de la fecha señores en las poderosa onda corta tropical en la frecuencia 4835, estamos en la frecuencia 4835 por supuesto para todos los amigos que sintonizan la programación de Ondas del Sur Oriente.." (they announce that from today on, they are also on 4835 via R Ondas del Sur Oriente. I verify if there's something on 5120 and there's no signal at all. (Pedro F Arrunategui translated by Horacio Nigro-Uruguay/DXplorer)

5980, ChasquiDX announced a few days ago that Pedro F Arrunategui has heard the new religious **R Chaski**. There is an open window on the frequency between 2300 and 0000. Two days ago the station was heard with quite good signal here and also yesterday but unfortunately not as good reception. A reception report was sent to them and this morning I got a reply stating among others "You are correct that Radio Chaski has not been on the air for very long. We began transmissions in November of last year. The station had not been on the air for many years, but with a new solid-state transmitter, we began transmissions once again. I believe you are the first international listener to contact us." The email was signed by Bruce Maddux. The signal was quite weak at 2300 and improved, Unfortunately BBC cuts the ID a little when starting up. (Thomas Nilsson-Sweden/DXplorer) Unfortunately I mixed up UTC and SNT in my former message this morning. The window is open from 2200-2300 UTC when BBC signs on. Tonight Jan 26 at 2259z I heard R Chaski with a nice ID. You can listen to the signal received in Engelholm here: http://www.thomasn.sverige.net/5980-130126-2259z-Radio_Chaski.mp3. So definitely this one Jorge Freitas heard tonight. Acc to information from the station they are currently on the air 0500-1000 and 1700-2000 local time. (Thomas Nilsson-Sweden/DXplorer) 5980, at the moment with an acceptable signal is Radio Chaski, the new station from Peru, reported by colleague Peter F Arrunategui in Chasqui DX in January 2013, broadcasting Radio Signal Integrity Network, checked with audio online at <http://redradiointegridad.com>. (Rafael Rodríguez R.-Colombia/PlayDX) Confirmation Radio Chaski 5980: Received email confirming my report to the Peruvian station Radio Chaski 5980, the report was sent the missionary Bruce Maddux (more in http://www.bmmcusco.org/Maddux/bruce_maddux.html) attaching audio file; but I get confirmation from

Valentin Quispe H (vaquime24@hotmail.com) who is the Station Manager. Return mail took only 3 hours. Confirms transmission schedules, morning local transmission in Quechua from 1000 to 1500, in the afternoon broadcast of network Red Radio Integridad of 2200 to 0100. (Rafael Rodríguez R.-Colombia/PlayDX)

Prayer letter January 26, 2013: Thanks for your prayers regarding decisions about programming for the radio ministry. Pastor Edward Zacarias from **Radio Integridad** (Integrity Radio) in Lima came for a visit earlier this month. We started using programming from Radio Integridad shortly after his visit. We also have programming in Quechua, one of the native languages of Perú, for five hours each morning and three hours each evening, which originates from our studios in Urubamba. We continue to receive calls at the studios almost daily from new listeners from all over Perú to the shortwave, which broadcasts at 5980 kHz. A real surprise came recently as Bruce received emails from what we believe are our first listeners 14 in many years from outside of Perú – one from Sweden and other from Chicago. We expect to hear from other international listeners as the word spreads that Radio Chaski is on the air. Our primary target area for listeners is, of course, Perú, but it's still exciting to get reports from listeners from faraway places, too! Bruce, Debbie, Joshua, Josiah, and Jonathan Maddux. (SW Bulletin) Bruce Maddux says in a mail to me: We began transmissions in November of last year. The station had not been on the air for many years, but with a new solid-state transmitter, we began transmissions once again. Our TX power is 1,000 watts. The station is currently on the air 0500-1000 and 1700-2000 local time. We have not been on more, at least partially due to a lack of funding, but a broadcast entity in Lima is willing to help cover the cost of operation so that we may have more hours of transmission. I plan to be in Lima this next Friday for two weeks. Perhaps I can make contact with Pedro during this time. I had enjoyed DX-ing in the past and need to get back to it again. As a child in the United States, I enjoyed tuning in AM stations that were distant from my home. After I was graduated from college in 1982, I had the privilege of spending the summer at HCJB World Radio in Quito, Ecuador. Later, I also occasionally listened to international shortwave stations with a Philco tube-based AM/SW receiver and afterwards with a transistor set.

I have a bookmark now for the home page of Shortwave Bulletin. Thank you for your plans to write about Radio Chaski. I look forward to reading what you write and receiving other listening reports. Regards, Bruce Maddux. (Thomas Nilsson/SW Bulletin)

PHILIPPINES Winter B-12 of *R. Pilipinas Philip-pines Broadcasting Service*:

0200-0330 on 15285 Tagalog/English
0200-0330 on 17700 Tagalog/English
0200-0330 on 17820 Tagalog/English
1730-1930 on 9825 English/Tagalog
1730-1930 on 11890 English/Tagalog
1730-1930 on 15190 English/Tagalog
(DX MIX News, Georgi Bancov & Ivo Ivanov-BUL, via Dan Ferguson-SC)

Winter B-12 SW schedule of **FEBC** Manila:

0000-0045 on 9795 IBA Khmu
0000-0030 on 9405 BOC Chinese
0000-0100 on 12055 BOC Tai-Lu/Lahu/Wa
0000-0100 on 12070 IBA Chinese
0000-0100 on 15600 BOC Burmese/Chin/Khumi/
Karen
0000-0130 on 15435 BOC Shan/Tai-Lu/Maitei/Chin
0100-0130 on 15560 BOC Javanese
0600-0800 on 15450 IBA Chinese
0700-0900 on 15525 BOC Chinese
0800-0830 on 15320 BOC Madurese Mon-Wed
0800-0830 on 15320 BOC Sasak Thu-Sun
0800-0900 on 15450 IBA Hu/Mongolian
0830-0900 on 11820 BOC Banjar Mon/Wed/Fri
0830-0900 on 11820 BOC Gorontalo Tue/Thu/Sat/Sun
0900-1000 on 15450 BOC Indonesian/Minangkabau
0900-1000 on 15580 BOC Makassarese/Buginese
0900-1400 on 9400 IBA Chinese
0900-1700 on 9430 BOC Chinese
1000-1100 on 12095 BOC Lahu/Tai-Lu
1000-1100 on 15580 BOC Sunda/Sasak
1100-1200 on 9855 IBA Vietnamese
1100-1230 on 9920 BOC Jarai/Roglai/Sedang/Koho
1100-1300 on 12095 BOC Hmong/Lao/Njua/Mien
1115-1200 on 15330 BOC Karen/Mon/Jingpho
1200-1300 on 7410 BOC Khmer
1200-1430 on 12020 BOC Rawang/Akha/Naga/
Chin/Lisu
1300-1330 on 11825 BOC Tibetan
1300-1400 on 12095 BOC Hmong/Khmu
1330-1400 on 9465 BOC Yunnan

1400-1430 on 11750 BOC Lahu
1400-1430 on 15620 BOC Javanese
1400-1600 on 9345 IBA Chinese
1430-1500 on 11905 BOC Uyghur
1500-1600 on 11650 BOC Russian
2230-2400 on 9405 BOC Chinese
2300-2330 on 9370 BOC Mien
2300-2330 on 12095 BOC Hmong
2300-2400 on 9445 IBA Khmer
2300-2400 on 9795 IBA Mon/Lao
2300-2400 on 12070 IBA Chinese
2330-2400 on 12055 BOC Palaung/Pale/Tai-Lu
2330-2400 on 15600 BOC Burmese
(DX MIX News, Georgi Bancov & Ivo Ivanov-BUL, via Dan Ferguson-SC)

Winter B-12 SW schedule of **Radio Veritas Asia**

0000-0027 on 11855 PUG Sinhala
0000-0027 on 11935 PUG Karen
0000-0027 on 9810 PUG Sinhala
0030-0057 on 11855 PUG Tamil
0030-0057 on 15265 PUG Bengali
0030-0057 on 15280 PUG Hindi
0100-0127 on 15280 PUG Urdu
0100-0127 on 15530 PUG Telugu
0100-0127 on 17860 PUG Urdu
0130-0157 on 15255 PUG Zomi-Chin
0130-0227 on 15530 PUG Vietnamese
1000-1027 on 11850 PUG Khmer
1000-1157 on 11945 PUG Mandarin
1030-1127 on 11850 PUG Vietnamese
1130-1157 on 15450 PUG Burmese
1200-1227 on 11935 PUG Hmong
1200-1227 on 15225 PUG Karen
1230-1257 on 15225 PUG Kachin
1300-1327 on 11850 PUG Vietnamese
1330-1357 on 9520 PUG Sinhala
1330-1357 on 11915 PUG Hindi
1400-1427 on 9520 PUG Tamil
1400-1427 on 11915 PUG Bengali
1430-1457 on 11750 PUG Telugu
1430-1457 on 11870 PUG Zomi-Chin
1430-1457 on 15330 SMG Urdu
1500-1557 on 15320 SMG Filipino
2100-2257 on 6115 PUG Mandarin
2300-2327 on 9720 PUG Filipino
2330-2357 on 9645 PUG Kachin
2330-2357 on 9670 PUG Vietnamese
2330-2357 on 9720 PUG Burmese
(DX MIX News, Georgi Bancov & Ivo Ivanov-BUL, via Dan Ferguson-SC)

PIRATE (EURO) Hello **FRS** Friends, From now on you can only use the e-mail address frs@frsholland.nl. Please do not send any messages anymore to frs.holland@hccnet.nl. Thanks very much in advance! 73s, FRS crew. (Station Direct)

PORTUGAL Sines SW site: I thought my eyes were playing tricks back in December last when we drove south to our SW coast place: the Sines towers were not visible at the distance! In early January, while driving south again, I decided to make a brief detour and see for myself only to find the big curtain antennae and the fixed 75 m band curtain at the back were all gone. No transmission lines for the 3 curtains, nothing. Only the concrete bases of them stood as a testimonial to the once HF activity of the Monte Mudo site, Sines. My contact within the station has just revealed to me, that the remaining employees stayed at the Sines office while the demolition company hired by Pro-Funk GmbH took care of it all, meaning only the walls remained, literally. I thought, well, the lines, the antennae are gone, but not the txs; surely, they were sent away and sold by Pro-Funk/DW. My assumption couldn't be more wrong! The three beasts -plus- the expensive test equipment, anything you can possible imagine, was destroyed while still in the house and taken away as scrap!!! In sum, a "good, reasonable" end to property paid with German taxpayers' money.

Now, I can't remember whether I commented the following, perhaps not, but can now say what's no longer a secret: the RTP even approached Pro-Funk in order to assess the possibility to turn the Sines site into an enlarged, combined DW/RTP station in case São Gabriel had to be demolished because the new Lisboa airport is or was planned to be built in the vicinity of our CEU/CEOC. When the RTP & DW/Pro-Funk met, there were already rumors within DW, that Pro-Funk Sines would possibly close or then sold to a foreign station (I won't disclose the name for now), a possibility that was ruled out by the Portuguese authorities which didn't want to keep the station either. Now, any ideas of which foreign station it might be? (Carlos Gonçalves-PORTUGAL/SW TXsite Febr 5/TopNews)

RUSSIA Further observations on *Voice of Russia's* schedule since 1 January indicate that five SW transmitter sites in Russia may now have closed: Chita, Krasnodar (Armavir)*, Petropavlovsk-Kamchatsky, Samara*, St Petersburg. Shortwave transmitter sites still on the air are Moscow (Taldom),

Kaliningrad (Bolshakovo), Novosibirsk, Irkutsk, Vladivostok. Voice of Russia is also still using SW transmitters in Dushanbe (Tajikistan), Grigoriopol (Moldova) and Gavar (Armenia). (British DX Club) * Slight correction for future SW sites usage: Krasnodar (Armavir) is used for DRM mode transmissions in summer 2013, and also in B-12 6005 / A-13 7325 outlets of Adygeyan Radio Maykop to Circassian language spoken natives in Turkey, Jordan, Syria, Israel, and Macedonia; Sun, Mon and Fri only. Samara is still used, and also in summer 2013 for three cultural folkloristic Tatar Radio broadcasts daily, originate from Kazan Tatarstan beasting. (wb, wwdxc BC-DX TopNews Jan 30)

R. Rossii, Petropavlovsk-Kamchatskiy operates on 5930 also in winter time instead of 6010. (WRTH Monitor Update)

SRI LANKA This historic station which started at Ekala with the wartime South East Asia Command **Radio SEAC** is now on its last legs. Out of the 3 VOA 35 kW transmitters only 2 are working, the NHK transmitters are both still in good conditions but for spares and they are too expensive to repair and run. The old 10kW Phillips txers are almost gone. The old Marconi 100kW from Radio SEAC is rusty and with cobwebs and is gone for ever. The final nail in its coffin came when DW packed up from Trincomalee handing over the station to SLBC. Trincomalee is a fine station and the MW transmitter is also capable of DRM and t did run DRM 1700-1800 for DW for a while. The 4 SW transmitters at Trincomalee need to run at least 45 hours to make it viable to use the huge Diesel Generators which need about a \$1000 a day to run and maintain. Ekala is on prime land close to the city and it's quite logical to close it down taking the state of the station. So If you want a QSL from SLBC Ekala you will have to do so before the 1st of April as plans are afoot to close down Ekala if the Trinco station gets the power from the National Grid as planned before the end of the B12 season. During the 30 year war with the Tamil Tigers it was not possible to take the national grid power lines as this area was in the front lines. DW had tacit agreements without interference from the LTE. But now the North and East which have been freed are making rapid progress and electricity is reaching most parts. Ekala Sked as of now:

0012-0330 on 7190 (10kW) 11905 (35kW) Hindi to Asia EE nx at 0215

0930-1215 on 6005 (10kW) 11905 (35kW) Vernaculars to South India

0125-0300 (Sun 0500) on 6005 (10kW) 9770 (10kW) 15745(35KW) English to Asia.

All above from Ekala. I will get you your QSLs like I have in the past 10 months or so. The SLBC's above services will move to Trincomalee in A13 and the relays from Trincomalee for other clients will continue. (Victor Goonetilleke-Sri Lanka/DXplorer)

SWAZILAND 9499.993, *TWR Africa* via Manzini Swaziland tx installation, heard in British English at 0542 UT Febr 4, fair S=5 signal morning fade-out, scheduled 05-08. (wb, wwdxc BC-DX TopNews Febr 4)

TAIWAN Saturday 16 February: First test transmissions from 1600 to 1800 from new SW station in Taiwan, run by *PCJ Media* (Keith Perron). Frequencies to be announced. pcj@pcjmedia.com. (Febr Communication magazine, British DXC-UK, Jan 30) The very first transmitter test was conducted on 26 January at 1705 on 12170. Keith Perron PCJ Media Facebook. (Febr Communication magazine, British DXC-UK, Jan 30)

THAILAND Winter B-12 SW schedule of *Radio Thailand (HSK9)*:

0000-0030 on 13745 English
0030-0100 on 13745 English
0100-0200 on 13745 Thai
0200-0230 on 15275 English
0230-0330 on 15275 Thai
0530-0600 on 12015 English
1000-1100 on 17630 Thai
1100-1115 on 5875 Vietnamese
1115-1130 on 5875 Khmer
1130-1145 on 5875 Lao
1145-1200 on 5875 Burmese
1200-1215 on 11870 Bahasa Malay
1230-1300 on 9720 English
1300-1315 on 7460 Japanese
1315-1330 on 7460 Mandarin
1330-1400 on 7460 Thai
1400-1430 on 9950 English
1800-1900 on 9585 Thai
1900-2000 on 9585 English
2000-2015 on 9535 German
2030-2045 on 9535 English
2045-2115 on 9535 Thai
(DX MIX News, Georgi Bancov & Ivo Ivanov-BUL, via Dan Ferguson-SC)

UGANDA 4976, *UBC R*, Kampala, 0335-0415, Jan 10 and 18, English international news (mainly African), time ann "10 minutes to 7 o'clock" at 0350, ID as "UBC Radio" at 0355 and 0400, 45444 at 0348 to 15331 at 0415 news in English, 25332. (Beryozkin/DX Window) Also heard at 1645-1648, Jan 15, Swahili talk, 25332. (Mille/DX Window) And at 1933, Jan 11, female speaker interviewing male in English, high tempo instrumental bridge, local anns, 25433. (Bell/DX Window) UBC R. is again active on 4976 and 7195. (WRTH Monitor Update) I have not seen any reports for 7195 as yet - RAD.

USA New very strange frequency of *WINB* in English was observed on Feb.10:

2200-0400 NF 9273, ex 9265
(DX MIX News, Georgi Bancov & Ivo Ivanov-BUL, via Dan Ferguson-SC)

VANUATU R. *Vanuatu* has 2 x 10 kW shortwave transmitters, operating currently on 3945 between 1825-0035 & 0525-1230 and on 7260 between 2125-0735. Times may vary. New web site is under construction at www.vanuatu2u.com. (WRTH Monitor Update)


VIETNAM Winter B-12 SW schedule for *Voice of Vietnam*:

0100-0127 on 9640 WOF English
0130-0227 on 9640 WOF Vietnamese
0230-0257 on 9640 WOF English
0300-0327 on 6175 HRI Spanish
0330-0357 on 9640 WOF English
0400-0427 on 6175 HRI Spanish
0430-0527 on 6175 HRI Vietnamese
1000-1057 on 9840 VN1 English/Indonesian
1000-1057 on 12020 VN1 English/Indonesian
1030-1127 on 7285 MET Khmer/English
1100-1157 on 7220 VN1 Chinese/Russian
1100-1157 on 9840 VN1 Japanese/English
1100-1157 on 12000 VN1 Chinese/Russian
1100-1157 on 12020 VN1 Japanese/English
1130-1227 on 7285 MET Thai/French
1200-1227 on 9840 VN1 Japanese
1200-1227 on 12020 VN1 Japanese
1200-1257 on 7220 VN1 Chinese/Russian
1200-1257 on 12000 VN1 Chinese/Russian
1230-1327 on 7285 MET Khmer/French
1230-1327 on 9840 VN1 English/Indonesian
1230-1327 on 12020 VN1 English/Indonesian
1300-1327 on 7220 VN1 Chinese
1300-1327 on 12000 VN1 Chinese


1330-1427 on 7285 MET Lao
1330-1427 on 9840 VN1 English/Japanese
1330-1427 on 12020 VN1 English/Japanese
1430-1457 on 7285 MET Thai
1430-1527 on 9840 VN1 Indonesian/English
1430-1527 on 12020 VN1 Indonesian/English
1500-1557 on 7220 VN1 Vietnamese
1500-1557 on 7285 MET English/Thai
1500-1557 on 9550 VN1 Vietnamese
1600-1657 on 7220 VN1 English/French
1600-1657 on 7280 VN1 English/Russian
1600-1657 on 9550 VN1 English/French
1600-1657 on 9730 VN1 English/Russian
1700-1757 on 7280 VN1 Vietnamese
1700-1757 on 9730 VN1 Vietnamese
1800-1827 on 5955 MOS English
1800-1857 on 7280 VN1 German/French
1800-1857 on 9730 VN1 German/French
1830-1927 on 5955 MOS Vietnamese
1900-1957 on 7280 VN1 English/French
1900-1957 on 9730 VN1 English/French
1930-1957 on 5955 MOS French
2000-2027 on 6135 WOF Russian
2000-2027 on 7280 VN1 Russian
2000-2027 on 9730 VN1 Russian
2030-2127 on 6175 DHA German
2030-2127 on 7220 VN1 English/French

2030-2127 on 7280 VN1 English/French
2030-2127 on 9550 VN1 English/French
2030-2127 on 9730 VN1 English/French
2130-2227 on 7370 WOF Vietnamese
2200-2227 on 7220 VN1 Chinese
2200-2227 on 12000 VN1 Chinese
2200-2257 on 7285 MET Thai/Khmer
2200-2257 on 9840 VN1 Japanese/Chinese
2200-2257 on 12020 VN1 Japanese/Chinese
2300-2357 on 7285 MET Lao
2300-2357 on 9840 VN1 Indonesian/English
2300-2357 on 12020 VN1 Indonesian/English
(DX MIX News, Georgi Bancov & Ivo Ivanov-BUL, via Dan Ferguson-SC)


WRTHmonitor contains news items for the National Radio section of WRTH and other reference items. Latest update posted at www.wrth.com/updates_national.html on January 25th. Many items used in this edition of LN.

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

NASWA Yahoo Group

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

NASWA Facebook Page

Join moderator **Richard Murphy** <richard.murphy@swri.org> at the club's Facebook page which provides members with another way to keep in touch. This group is intended for social interaction between the club members and will not be used to publish loggings, articles, or other materials that would normally appear in The Journal, the NASWA Yahoo group, or the Flashsheet. While the existence of the group is visible to all Facebook users, the online postings are available only to group members and group members must be NASWA members. Comments and suggestions from the membership are welcome. To locate the NASWA Facebook page, simply enter "North American Shortwave Association" into the search box on the top toolbar. If you are into social media, give it a try. 

Pirate Radio Report

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

Welcome to the March edition of the pirate report. By time you read this more than likely some of you have just returned from the 2013 Winter Fest. I am sure everyone enjoyed it.

I am sure that George Zeller and the team did a great job at the pirate radio forum. And has everyone fired up about pirate radio.

The activity in the last month has been good.

With an oldie reappearing namely CHKN featuring the venerable Chicken Man. It has been a good while since he has been heard on the air waves. Also heard last month and worth mentioning, Boombox Radio, WGWR Global Warming Radio, and on the night of the big East Coast storm WUBR Ultimate Blizzard Radio appeared.

And now to the logs!

Boombox Radio, 6.938, 0030, 2-14-13 35333, poor condx but was able to get a fair recording. [Rohde-OH]

BZN Radio, (US relay), 6.925, 2203, 45333, playing German music. Show to commemorate a German singer's birthday. [Rohde-OH]

Captain Morgan, 6925 AM, 0438-0451*, 02-03-13 The Captain with a show of blues mx with songs by Snooky Pryor, full ID prior to sign off. [Lobdell-MA]

Captain Morgan Shortwave, 6925, 2351-0014*, Jan 27. Rock music with frequent IDs by a man and a woman. Closed with Twilight Zone and Alfred Hitchcock theme music. Fair. (D'Angelo-PA)

CHKN-Chicken Radio, 6955 AM, 2315-2321*, 02-16-13. SIO: 343, ID by OM, then AD for fake movie "Farmagedon". Barnyard humor. [Lobdell-MA]

Frederic Chopin Radio, 6.94, 2245, 214-13, 35333, Playing Chopin piano music. [Rohde-OH]

Pee Pee Vagina Radio, 6925 AM, 0126-0144+, 02-01-13 SIO: 121 Unid rock tunes, male in high pitched voice IDing As "Pee Pee Vagina Radio" a couple of times. [Lobdell-MA]

Radio Ga Ga, 6925 USB, 2332-0009*, 01-26-1 3 SIO: 333 Ga Ga here with better signal than normal. ID "live from Zipper Lake" IDs, Rock tunes by Lover Boy, Captain Beefheart, Steve Miller Bank, Roger Miller, Cheap Trick, etc. Off the air for a short time around 0001, then back on with rambling talking by YL talking about watching TV, her neighbor always has to back in his car to his parking space, etc. Off shortly after 0007 after playing Cream song "Born Under A Bad Sign". [Lobdell-MA]

Radio Jamba International, 6925 AM, 0112-0125+, 02-03-13. SIO: 121 Kracker here, just even with the noise, heard mention of "trash talk", "God is just a crutch", ID at 0114. [Lobdell-MA]

Radio Ronin SW, 6925 AM, 2353-0019* 01-31/02-01-13. SIO: 444 Ronin playing rock by such groups as Blue Oyster Cult, 10 Years After, Beatles, David Bowie, Bob Seger, etc. Occasional ID. [Lobdell-MA]

Radio Ronin SW, 6925 AM, 0111-0133+, 01-25-13 SIO: 232. ID by OM, rock tunes noted by Serj Tankian,

Rolling Stones, ZZ Top, John Mayer and Black Country Communion to name a few. [Lobdell-MA]

Undercover Radio, 6930 USB, 0448-0458+, 02-03-13 Dr Benway was discussing how he had just done his first DRM broadcast and

how he had a QSO with Dutch pirate Frans at Borderhunter Radio, then into a QSO with Redhat and another pirate OP. [Lobdell-MA]

WGWR, Global Warming Radio, 6.950, 2313-2325, 2-5-13, 34333, short segments about global warming and talk by Al Whore. [Rohde-OH]

WMFT/Family Radio, 6925 AM, 2029-2255*, 02-02-13 SIO: 343. On with usual bells, played many tunes by the Animal Collective, ID and epilogue by Sonja Norwood at 2127. [Lobdell-MA]

Wolverine Radio, 6925U, 0455-0458*, 02-17-13 SIO: 343. Just caught tail end of a song, then brief ID by OM, and signed off, no SS TV noted this time. [Lobdell-MA]

Wolverine Radio, 6925U, 0214 - 0233, 2/3/13. Do wop, "Why do fools fall in love," ID, "Great Pretender," other songs in the same vein. Lost or off at 0233. Fair until then. (Taylor-WI)

WUBR, Ultimate Blizzard Radio, 6.950, 0101-0139, 2-9-13, 35333, Playing some techno music, read names of posters on the HFU. [Rohde-OH]

Overseas Pirates

Bluestar Radio, Holland, 15070, 1811-1836, 2-2-13, 34333 Some Elvis music along with a few Dutch/ German tunes. [Rohde-OH]

Borderhunter Radio-Holland, 21520, 1459-1515+, 02-16-13. SIO: 141. Weak but clear, noted tune "Go Your Own Way" by Fleetwood Mac, then full ID and Email address given by operator Frans. [Lobdell-MA]

Borderhunter Radio, 6.300, 0041, 2-3-13, 35333 just came on at 0041 about the same level and noise floor as Cupid. [Rohde-OH]

Border Hunter Radio, 15.500, 1-27-13, 1725-1750, 34333, Fleetwood Mac tune. With a shout out to Olddxr in the middle then back into the tune. [Rohde-OH]

Borderhunter Radio, 15.515, 1445-1520, 2-3-13, 25333, Weak but about 50% copy. [Rohde-OH]

Borderhunter Radio, 21.520, 1445, 2-16-13, 35333 nice signal here with an ID at 1448

Cupid Radio, 6.265, 0010, 2-3-13, A weak signal but a continuation of decent props to Europe tonight. [Rohde-OH]

Mike Radio, 21455U, 1516-1523, 02-16-13, SIO: 111. Very weak with talking and music. ID per the hf underground. [Lobdell-MA]

Reflections Europe, IRELAND, 2.295, 2214-2230*, Feb 10. man and woman with religious talk in English followed by program ID; male announcer mentioned next program was In Search of Truth which opened with man announcer with religious talk in English. The transmission seemed to end suddenly at 2230. Long time since I last heard this station. Poor overall. (D'Angelo/FCDX-PA)

Radio Marabu, Germany, 6.209, 0102, 2-2-13, 25333, Very weak signal about 50% copy here. [Rohde-OH] 0605, 2-2-13, 35333 Just above the noise floor with about a 80% copy. [Rohde-OH]


Send me your logs! The more the Merrier! 

Contribute!

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

QSL Report

Sam Barto • 78 Blakeman Road • Thomaston, CT 06787



THE CROSS

Let them give glory
to the Lord
and proclaim His praise
in the islands.

Isaiah 42:12

QSL Verification Card for: Bill Smith

Thank you for your reception report. We are pleased to verify your reception of our transmission:

Date: Feb. 4, 2011 Time: 11:04 - 11:53 UTC

FM 88.5 MHz, VGMA 300W
SW 4755 KHz, VGMP, 1KW
Pohnpei, Micronesia, 7N158E

Pacific Missionary Aviation
Please visit our website for more information:

<http://radio.pmapacific.org>

Radio Station-Manager, The Cross Radio

CANADA: KBS World Radio 9650 f/d "Sungkyunkwan" TV show post-cd. in 36 ds. I rcvd. a 2013 calendar about a month later. (Feinberg-NY).


CHILE: CVC La Voz full oversized photo montage cd. in 5 mos. for a report mailed to the Calera de Tango address. Address on the cd. was Miami although the QSL was mailed from Chile. My reception was on the station's

last day of broadcasting. (Lobdell-MA).


CLANDESTINE (Nigeria): Radio Biafra London 11870 via Wertachtal The * station verified my email report w/ an Email reply in 48 ds. from Wal-

STATION NOTES: Radio Belarus 6155 v/s Maria del Aguila, Servicio Espanol Addr: Radio Belarus, 220807 Minsk, Krasnaya st. 4 Radio Bahrain 9745 v/s Mr. Abdulla Al-Baloushi, Director of Technical Affairs. Addr: P O Box 1075, Manama, Bahrain Radio Trans Mundial 11735 Addr: Caixa Postal 18113, CEP-04626-970 Sao Paulo, SP, Brasil. Radio Varna 6000 Addr

Blvd. Primorski 22 9000 Varna, Bulgaria. Email: bnr@radiovarna.com... via PLAY DX..Sam.



THE CROSS



Pacific Missionary Aviation
The Cross Radio
P.O. Box 517
Pohnpei, FM 96941
Federated States of Micronesia

Tel: (891) 320-1122
Email: radio@pmapacific.org
Website: <http://radio.pmapacific.org>

Thank you for reporting the reception of our radio broadcast. Please subscribe to our email newsletter to stay informed about The Cross Radio. To subscribe to our newsletter, please register your personal account at www.pmapacific.org/user

Bill Smith
56 Locust Street
Douglas, Massachusetts
01516-2440
United States of America

ter Brodowsky, Head of Short-Wave and Senior Expert Sales Shortwave at Media Broadcasting. Walter mentioned "We would like to confirm the broadcasting service for WRN Broadcasting containing the program content of Radio Biafra. The transmission has been taken

thank's for your reception report
now your a radio cupido member

date 20 **month** 1 **year** 2007

cupido radio
p.o. box 9
8096 ZG
Oldebroek

to the next time. folks ritus

via postal mail from the Belm, Germany address in 3 mos. (Lobdell-MA)
FRENCH GUIANA: NHK Radio Japan 11740 f/d "A Cold Winter's Morning" cd.
in 22 ds. (Feinberg-NY).

GERMANY (East): Voice of Croatia 7375 via **Nauen** Received an email reply from Walter Brodowsky, Head of Shortwave at Media Broadcasting in 3 days indicating that the "Voice of Croatia" was transmitted from SW Radio Station Nauen using a 125 kW transmitter in combination with a HR 4/4/0.5 antenna system with the target area being North America.

GERMANY (West): Norddeutscher Rundfunk 7335 via **Wertachtal** (D'Angelo). The station verified my email report w/ an email reply in 14 ds.

STATION NOTES: Radio Difusora Macapa 4914.9 Addr: Rua Candido Mendes 525, CEP-68900-100 Macapa, Amapa, Brasil. Email: martinsap3@hotmail.com v/s Martins Filho, Gerente Financiero. **Japan Shortwave Club Special 60 Anniversary** 6015 via **Radio France International** at Issou-

DIGITAL radio mondiale

DRM: The Digital Radio Mondiale



"Pierre Urcun"
cc: Pierre.Urcun@idf.fr
11/07/2002 11:18 AM



To: <rdangelo@gpu.com>
cc: (bcc: Richard A D' Angelo/GPU)
Subject: Rép.: Rapporte de Reception

Dear Mr Richard A. D'Angelo,

My name is Pierre Urcun. I'm in charge of DRM projet (Digital Radio Mondiale) at TDF CCETT in Rennes.

The broadcast station that you heard on 25 775 kHz, Saturday 14 September, was an experimental DRM broadcast as you had guessed.

The transmission mode of this station is a digital "CODFM" modulation which is compatible with an A.M. demodulation (Simulcast DRM/AM mode) That is the reason why you heard our DRM mystery program with your R-8B Drake receiver.

Please find the details of the station below :

-Power transmitter : 400 watts
-Antenna height : 110m above ground with a vertical mounting at the top
-Location on earth : Latitude 48° 6' 49" N, longitude 1° 41' 11" W (In Rennes in France)

I hope this information is useful to you and answers all of your questions.
If you have any further questions please contact me by E-mail.

I thank you for your report and I wish you happy DXing.

Sincerely

Pierre Urcun
mailto:pierre.urchun@idf.fr
http://www.drmm.org

radio mondiale

place by using a 125 kW transmitter on 11870 kHz in combination with a HR 4/4/0,7 antenna system. The azimuth was 180 degrees towards Nigeria. (D'Angelo-PA).

EUROPEAN RUSSIA: Voice of Russia 9800 via **Krasnodar** f/d "50th Anniversary of First Manned Flight into Space" cd. in 34 ds. (Comeau-MA).

EUROPIRATE (Germany): Radio Marabu 6210 f/d "Man's Head with Speakers" cd. and station info. sheet

dun v/s Kazuhiro Iwas, QSL Manager. **Radio Borderhunter** 6205 Email: borderhunter@radio@hotmail.com **Radio Klabautermann** 6240 Email: radioklabautermann@gmx.net **Radio Nora** 6265 Email: radionora@hotmail.com **Cupid Radio** 6300 Email: cupidradio@hotmail.com **Radio Sonic** 6375 Email: jaccoenmirjam@hotmail.com **Radio Belarus** 7255 Addr: 4 Krasnaya Street, BY-22087 Minsk, Belarus. **Radio Tamazuj** (South Sudan Clandestine) 11650 via **Radio Nederland** Email: radiotamazuj@yahoo.com...via PLAY DX...Sam.

from Wolfgang Heine. This reception was for their once a year Christmas Eve transmission. The program is called "Gruss an Bord". Although the station no longer has QSL cards, the v/s seemed to promise a QSL card w/ the usual verification info. Wolfgang notes: "The North German Radio and TV Network broadcasts only one programme on short wave. The "Gruss an Bord", now in its 59th

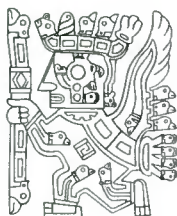
TARJETA DE VERIFICACION

Confirmamos su recepción de fecha 31 de MARZO de 19 75 de nuestra emisora. Onda Media OBZ-4-N. 880 Kcs., con potencia de 50 Kwts. Onda Corta OBZ-4-O. 6.115 Kcs., con potencia de 10 Kwts. La que encontramos correcta y conforme a nuestra programación. Siempre a sus ordenes

De sus Altos y Ss. Ss.

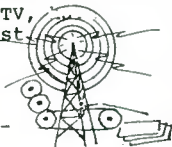

RADIO UNION Y TELEVISION S.A.

Lima Perú 24 de ABRIL 1975



year, provides a popular platform for sailors to send greetings to their relatives. At the same time families are given the opportunity to send season's greetings and best wishes for the New Year to relatives working on board ships over the holiday period. To ensure that the popular Christmas Programme can be heard on vessels across the seven seas, German public broadcasting station NDR - North German Radio - started

to broadcast and rented short wave frequencies for the Occasion. The NDR radio started to broadcast in 1945 after World War II. NDR is the second biggest network in Germany - and a public owned one like NPR in the USA. NDR is a part of the ARD, First German TV, have in addition a TV station in North Germany, broadcast from south Denmark to the middle of Germany and from the Netherlands to Poland. The NDR also owns 8 radio stations in north Germany". (D'Angelo-PA).



STATION NOTES: Radio Polonia 7285 via Nauen Email: Walter.

Brodowsky@t-systems.com Radio Santec 7300 and 7330 Addr: Radio Santec GmbH, Postfach 5643, DE-97006 Wurzburg, Germany. Radio Reveil et Paroles de Vie 11840 Addr: Les Chapons 4, CH-2022 Bevaix, Switzerland. ...via PLAY DX...Sam.

HUANGAVELICA
TU RADIO



PHILIPPINES: Voice of America 11750 f/d except for site location in one month. (Feinberg-NY).

USA (Pirates): Radio Ronin Shortwave 6925 The station verified my email report w/ a f/d cd. in 247 ds. indicating my report was found in the back of his file and he wasn't sure if it was previously verified or not. (D'Angelo-PA)

ZAMBIA: CVC One Africa 9505 f/d cd. w/ desk style stand up calendar, station sticker and other bro-

STATION NOTES: Voice of Turkey 9610 v/s Mehtap Yildiz, Secretary for the Italian Service. Email for the Spanish Service: spanol@trt.net.tr ABC Radio Australia 17880 via United Arab Emirantes v/s Ian Johnson. Addr: GPO Box 428, Melbourne, Australia 3001 Polish Radio 9650 via Abu Dhabi v/s Slawek Szefs. Addr: Polska Radio SA, Redakcja Lacznosci ze Sluchaczami Al., Niepodleglosci 77/85, PL 00-977 Warszawa, Poland. Radio Marti 11930 v/s Margarita Ray de Arenas, Secretary of Radio Marti...via PLAY DX..Sam.

RADIO AFRICA NETWORK

PO BOX 851
MALABO
EQUATORIAL GUINEA

THANK YOU FOR YOUR RECEPTION REPORT OF:
Frequency/Meter Band: 15190 kHz 19 Meter Band
Date: April 25, 2005 Time: 1842 UTC

Radio Africa: 7190kHz & 15190kHz / Daily 1700-2300 UTC
Radio East Africa: 15190kHz / Sat & Sun 0700-1600 UTC
Radio Africa #2: 15190kHz / Mon - Fri 0800-1300 UTC

For Information and Program Schedules Write to:

PAN AMERICAN BROADCASTING
2021 The Alameda Suite 240
San Jose CA 95126-1145
USA

MR SCOTT P. BARBOLP
P.O. BOX 893
INTERVALE NH 03845

chures in 3 mos. (Barto-CT).
I got one!!!

Pretty good QSL Column this month considering all the other things going on at this time of the year. Till next month best of QSLing...sam.

Scoreboard

Gary R. Neal • P.O. Box 1 • Cockeysville, MD 21030-0001 • 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 August 15th for the September 2013 issue of the Journal. The spotlight will be on South America.

Name, State	Total		Africa		Best Africa QSL
	C/H	C/V	C/H	C/V	
Don Jensen, WI	256	256	66	66	RTF Comoros-Mayotte, Dzaoudi
Dan Henderson, MD	249	245	66	66	ORTF Reunion
Marlin Field, MI	246	246	66	66	Kenya (250 w.)
James W. Young, CA	253	239	66	65	R. St. Helena (450 w.)
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	229	225	62	61	Guinea-Conakry-9650
Wendel Craighead, KS	235	222	65	61	UN R. via Katanga 11865
Sheryl Paszkiewicz, WI	225	219	59	59	Guinea
Dan Robinson, MD	235	191	65	54	Renunion
Rich D'Angelo, PA	225	223	58	57	R. Mogadishu, Italian Somaliland
Jim Evans, TN	213	203	57	56	R. Leopoldville, Congo - 1962
Steven R. Lare, MI	239	225	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	210	197	50	47	9HLB Lubusbashi, Zaire
Christos Rigas, IL	217	198	56	46	R. St. Helena
Stephen Price, PA	198	183	53	46	R. Bata
Ross Comeau, MA	193	172	52	40	R. Tanzania - Zanzibar
Bill Smith, MA	177	167	46	41	Cape Verde
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
Jerry Johnston, KY	210	141	58	29	R. St. Helena
Richard E. Lawrenson, RI	145	129	30	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
Larry Colton, FL	254	125	42	25	Cameroon-Garoua 5010
David Turnick, PA	144	124	29	25	Zimbabwe Broadcasting Corp.
Scott C. Newman, IN	148	113	37	25	R. Omdurman
Gary R. Neal, MD	137	127	27	22	R. St. Helena
Scott R. Barbour, NH	168	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
Richard Bradley, MA	145	130	17	17	FEBA Radio, Seychelles
Doug Tilley, WA	117	89	26	15	R. St. Helena
Gary W. Froemming, AZ	184	44	51	8	ZUD Time Station (S. Africa)
Jerry Ervine, TX	110	60	15	6	Nigeria
Alex Vranes, Jr. WV	226	216			
Jerry Klinck, NY	220	202			
Bob Raymond, NH	175	150			
Ken McCartney, OH	125	73			
Edward Kusalik, ALB	250	249	66	66	ORTF Reunion 2446
Joe Kremer, OH	153	104	41	19	R. St. Helena

Contributors' Page

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DEADLINE FOR CONTRIBUTIONS IS THE 10th OF THE MONTH

The following members sent in contributions:

Brian ALEXANDER , Mechanicsburg, PA	IC-7600, two 100' LW
Scott R. BARBOUR Jr. , Intervale, NH	NRD545, MLB-12, 200' Beverages, 60m dipole
Rich D'ANGELO , Wyomissing, PA	TenTec RX340, R8-B, eton E1, E5 DX Sloper
John DAVIS , Johnstown, OH	Mackay 5050A, the 435' long wire antenna
Gerry DEXTER , Lake Geneva, WI	NRD-545, long wire
Jim EVANS , Germantown, TN	RX340, R75, 90' lw, Wellbrook ALA100M loop
Robert FRASER , Belfast, ME	Sony ICF-2003, ICF-100s, 2m longwire
Steven HANDLER , Buffalo Creek, IL	Icom IC-7200, Tecsun PL-600, Sony 7600GR
Glenn HAUSER , Enid, OK	FRG-7, YB400, SW-07, ATS-909, lw
Chris LOBDELL , Bakers Island, Salem, MA	eton E1, Par end fed long wire
William McGUIRE , Cheverly, MD	DX-380
Bob MONTGOMERY , Levittown, PA	R390a, SE3, NRD-525, Clifton Labs active antenna
Richard PARKER , Pennsburg, PA	51S-1-X, R390A, SE3, ant. farm
Ralph PERRY , Wheaton, IL	R8B, NRD-545, E1, 355' bi-dir LW
Mike ROHDE , Columbus, OH	Perseus, RX-340, R8B (3) inverted Vee dipole
Jim RONDA , Tulsa, OK	NRD-545, R75, 2 PAR EF-SWL
Mark TAYLOR , Madison, WI	Perseus, Winradio g313e, E1, 40m dipole
Robert WILKNER , Cedar Key, FL	NRD545, IC746Pro, E1 Sat 800, Flex EWE

Due to an increasing number of trips to the hospital for health issues, I decided to step aside and pass my position as Contributing Editor on to another NASWA member Steve Handler has been appointed to take that position. It's been fun over the years

Thank you

73

Bob Montgomery

KB3WHS

Tropical Band Loggings

2000-5900 kHz

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

- 2325 **AUSTRALIA VL8A** Alice Springs 1242 JBA carriers are all that the VL8s manage today while am concentrating on MW harmonix; 2/1. (Hauser-OK)
- 2485 **AUSTRALIA VL8K** Katherine 1050-1210 M & W ancrs into theme mx; 1/2 & 2/2. (Wilkner-F) 1352 Some mx is audible on v. poor sig; has to be VL8K, which rarely surpasses a JBA carrier still the case on 2325, VL8T; the other NT one still on 4835, much easier to hear, VL8A; 1/1 (Hauser-OK)
- 2850 **NORTH KOREA KCBS** Pyongyang 1155 Audible along w/ all the much closer MW harmonix generally stronger than them; especially peaking near sunrise here at 1329 with triumph band mx; S9+18; 3480 also audible w/ usual het, jamming vs V. of the People from S. Kore 2/1. (Hauser-OK)

- 3185 **USA WWRB** Manchester 1428 Bro. Scare is still audible here w/ mx at the moment, which explains why he's still missing from day freq 9370, where a weak audible, (P) VOA Deewa Radio from Sri Lanka; which WWRB is allowed to blot out in our mornings; 2/2. (Hauser-OK) 1155 Overcommer Ministry w/ mx & what sounded like crowd milling around w/ many people praying but not in unison; good; 2/4. (Handler-IL)
- 3240 **SWAZILAND TWR** Manzini 0338 M anc in either Shona or Ndau; brief song at 0339; ID & IS at 0340; fair; 1/26. (Ronda-OK)
- 3255 **SOUTH AFRICA BBC** Meyerton 0335 EE (P); Prg clearly in EE but in considerable noise & fading; v. poor; 1/26. (Ronda-OK)
- 3310 **BOLIVIA R. Mosoj Chaski** Cochabamba 0902 M & W anc s w/ ancment of sorts at t/in; LA mx; more talk w/ mx bits at 0907; fair; 1/17. (Barbour-NH) 0930 W anc in vern.; good; 1/21. (Perry-IL) 0952-1020 W anc into Andean mx, a pleasure; strong sig; 1/22 & 31. (Wilkner-FL)
- 3320 **SOUTH AFRICA R. Sondergreense** Meyerton 0320 W anc in Afrikaans w/ an apparent ad; M anc w/ brief talk into ballad; poor & noisy; 12/27. (Coady-ON) 0333 Mx & ancments in Afrikaans; one brief ID; fair; 1/26. (Ronda-OK)
- 3329.53 **PERU Ondas del Huallaga** Huánuco 1035-1047 M anc en español, much improved sig "...en Peru...mas... cinco en la."; 1/17 & 31. (Wilkner-FL)
- 3350 **COSTA RICA REE** Cariari de Pococi 0234 SS; M & W anc s w/ talk; occ. brief mx bridges; fair; //6125; 12/24. (Coady-ON)
- 3375.1 **BRAZIL R. Municipal** São Gabriel da Cachoeira 0920-1030 Locutor em português into mx bridge; "onda corta kiloHerts..."; M anc over mx; v. strong this morning; 1/22, 26 & 27. (Wilkner-FL)
- 3380 **ECUADOR R. Centro** Ibarra 1046-1102 SS (P); Light LA mx; M anc at ToH; v. weak & way under QRN floor; noted again 1/8 at same time w/ same format & conditions; tnx R. Wilkner tips; 1/7. (Barbour-NH) 1047-1050 Flauta; beautiful mx w/ v. strong sig; 1/18. (Wilkner-FL) 3380.08 1016-1115 Ecuadorian folklorica; all ancments were too boomy to comprehend amid the 90m noise; 1100 diff. morning prg startd w/ live anc, "Óla musica presentadaØen esta manana... radiofonico..." & gave TCs, "6 de la manana y 7 minutos..."; long discourse from ToH to 1115 f/out; 1/9. (Perry-IL)
- 3385 **PNG-NEW BRITAIN TERRITORY R. East New Britain** Rabaul 1144-1150 (P); W anc w/ talk & pop-like mx; v. poor under band noise; ECCS-LSB; 1/3. (Barbour-NH) 1015 Country mx; f/in a bit better by 1030; full two hours before lcl sunrise here; monotonic anc; either high-voiced M or low-voiced W, can't tell for sure w/ lengthy talks; muffled modulation; fair; 1/6. (Perry-IL)
- 3925 **JAPAN R. Nikkei** Tokyo-Nagara 1030 Nice sig w/ MoR mx; with //6055 doing better; 12/30. (Perry-IL) 1152-1203 W anc in listed JJ; brief ancments & mx bits from 1058; ID ancment at ToH; single pip & W anc over mx; M anc w/ (P) nx; p-f; //6055-fair at best; 1/3. (Barbour-NH)
- 4055 **GUATEMALA R. Verdad** Chiclayo 1105-1116 EE; Choral ballad; M anc at 1109 w/ daily affirmation; Bible reading over mx re "servants"; booming sig; 1/7. (Barbour-NH) 1156 SS; M opera-like hymns; woman w/ (P) ID at 1203 into children's chorus; v. weak; 1/8. (Coady-ON) 0452-0455 Contemporary SS ballad style relg mx; moderate sig w/ some noise & fading; 1/9. (Evans-TN) 0945-1000 SS; W anc w/ prayer; M anc at 0952 into mx; no ID at ToH; nice sig; 1/14. (Montgomery-PA) 0610 Organ mx; s/off; running a bit late w/ NA starting at 0611 which means it will be on for another 4-5 minutes; subnormal sig tonite; 1/18. (Hauser-OK) 1054-1100 M anc in EE; 1/18. (Wilkner-FL) 1204-1217 M & W anc s in SS; mx bridges as well as ID; fair; 1/25. (Handler-IL)
- 4319U **DIEGO GARCIA AFN** 0000-0020 Noted here w/ mx; 1.3k filter provided good audio; 1/16. (Wilkner-FL)
- 4451.2 **BOLIVIA R. Santa Ana** Santa Ana de Yacuma 2330-2355 Best heard in LSB to avoid ute; 1/27. (Wilkner-FL)
- 4700 **BOLIVIA R. San Miguel** Riberalta 0953-1012 SS; Lively LA mx & M anc; canned ancments at ToH, though no discernible ID noted; talk at 1005; fair; 1/7. (Barbour-NH)
- 4716.65 **BOLIVIA R. Yura** Yura 1000-1020 M & W anc s en español; good; 1/26. (Wilkner-FL) 4716.69 0958 SSS; W anc w/ start of (P) nx show; ment. "las noticias en el país de Bolivia...el día de hoy..."; fair on noisy band; 1/4. (Perry-IL) 4716.70 1017 Folkloric mx by queñas; M anc in Aymara; p-f; 1/23. (Perry-IL) 0044 Mx; poor; also at 0051; 1/26. (Hauser-OK) 0056 JBA carrier at first, but a bit more here than on Peru's 4747, 4835, etc.; a poor Andean evening; but at 0111, 4717 has improved w/ some mx audible; 2/3. (Hauser-OK)
- 4746.9 **PERU R. Huanta 2000** Huanta 1013-1031 SS; Nice Andean mx; ads/promos at 1015; more mx from 1022; ID ancment at 1030; fair in ECCS-USB; 1/7. (Barbour-NH) 4747 0050 (P); Weak b/cast; Aoki shows s/off at 0100 already; 1/26. (Hauser-OK) 4747.10 *1007 Abrupt s/on; M anc over OA mx; 1/23. (Perry-IL) 1041 Long ad string & nice folklorico selex to the hour; 1100, "En todo el país, son las 6 y Radio Huanta acompañarles..."; 1/28. (Perry-IL)

- 4750 **BANGLADESH *Bangladesh Betar*** Shavar 1140-1215 W anc & SC mx; strong sig; faded at 1215; 1/2 & 5. (Wilkner-FL) 1148-1205 M anc in vern; brief wind & string instruments at ToH (IS?) & brief M anc; mx intro into M & W anc & w/ alternating talk; Hindi ballad at 1205; poor & fading by ToH; ECCS-USB; 1/5. (Barbour-NH) 1210-1240 Mx variety prg; including some unmistakable SC vcls; tnx R. Howard for noticing they were back; fair; 1/5. (Perry-IL) 1127-1140 Ancr in listed Bengali; (P) ID at 1130; various anc & mx bridges; Call-to-Prayer like chant at 1136; more anc & at 1139; p-f in ECCS-USB; 1/14. (Barbour-NH) 1145 T/in w/ SC mx to 1215; M anc w/ chat; strong sig; 1/22. (Wilkner-FL) 1355 Back to SAH between two carriers here, no more 4752; Bangladesh has resumed colliding directly w/ RRI, instead of exact offset 2 kHz since Jan 24 & which they denied even happened; 1/30. (Hauser-OK)
- 4752 **BANGLADESH *Bangladesh Betar*** Shavar 1253 Sig here as already IDed by others as Bangladesh Betar; shifted from 4750, but weaker than remaining 4750, presumably RRI; still the same at 1348; 1/27. (Hauser-OK)
- 4750 **INDONESIA-SULAWESI *RRI*** Makassar 1349 (P); W anc in (P) Indo w/ a phone caller; RRI is consistently rpted about 40 Hz below, but it's hard for me to detect the difference; 1/12. (Hauser-OK)
- 4754.91 **BRAZIL *R. Imaculada Conceição*** Campo Grande 0900 PP; S/on w/ M anc w/ nx; long echo fx ancment; ID; Sunday morning prg w/ relig talk & mx; improved by 0920; f/out by 0937; 1/4 & 6. (Perry-IL)
- 4755.44 **MICRONESIA *V6MP The Cross*** Pohnpei 0940-1025 (P); Sig improving in the mornings; 1/26-28. (Wilkner-FL)
- 4774.91 **PERU *R. Tarma*** Tarma 1013-1030 SS; Lcl mx & pops w/ M anc between selex's; jingle ID at BoH; fair; 1/8. (Barbour-NH) 4774.95 0955 Abruptly switching on carrier; 0958 nice mx & opening ancments, "Buenos dias, amigos oyentes en Radio Tarma!" "Musica Folklorica Nacional" hosted by M & W anc & over mx w/ TCs, greetings, introduction to next disco; 1/21. (Perry-IL) 4775 1020-1100 ID as Radio Tarma; M anc w/ TC; v. strong sig; 1/16. (Wilkner-FL) 0049 (P); Mx; no doubt usual R. Tarma; 0120 I am also hearing some EE QRM, must be a local mix; 1/26. (Hauser-OK)
- 4775 **SWAZILAND *TWR*** Manzini 0404 GG; M x & talk w/ at least one song in EE; fair w/ sudden peaks to good; 1/26. (Ronda-OK)
- 4780 **DJIBOUTI *RTD*** Atta 0339 HoA mx occasionally overridden by "running-water" ute bursts; RTD w/ 50 kW per WRTH; this exotic spot is a relatively easy catch on 60m, always neat to hear; not in HFCC, of course, & I wonder if that's why Voice of Russia chose 4780 too in their evenings; they should have known it was there by 1) keeping up w/ DX bulletins; or 2) turning on a radio; fair; 1/4. (Hauser-OK) 0404 AA; Wailing W vcls to 0410; two M anc in interview; HoA vcls at 0414; fair; 1/8. (Coady-ON) 0356-0424 Nice HoA vcls until M anc in (P) Somali as stn began to fade; fair w/ some CODAR; 1/12. (D'Angelo-PA) 0311-0324 Call to Prayer in progress; M & W anc & w/ AA talk from 0313; poor in ECCS-USB under band QRN & occ. ALE bursts; 1/24. (Barbour-NH) 0325 M anc in AA; fair w/ occ. peaks to good; 2/2. (Ronda-OK)
- 4781.5 **ECUADOR *R. Oriental*** Napo 1100 Noted here w/ s/on; 555 sig; 12/30. (Wilkner-FL) 4781.70 1109-1120 Tropical rhythms; usual ads heard, like "Electric Ambato" & "Banco del Barrio"; live anc is very low sig compared to nice, strong audio on all recorded portions of the prg; M anc at 1120, after kids sang short rendition of "Silent Night": "Senores y senoras, son las 6 de la manana y 20 minutos en Radio Oriental..."; a favorite daily visitor; good; 1/5. (Perry-IL) 1130-1140; also noted 2300 to 0000 alas not every day; v. powerful sig; 1/27. (Wilkner-FL)
- 4785 **BRAZIL *R. Caiari*** Porto Velho 0910-1015 Acoustic guitar selex's & lcl folk singing; M anc w/ many ancments including ID at 0941, "04785 kiloHertz ondas curtas...programa 'Caiari Rural...'"; sound fx; electronic stingers; a few times would just announce "Radio Caiari!"; best ID at 0955 "...A Sociedade de Cultura Radio Caiari Ltda...1430 kHz onda media...4785 kHz onda tropicais... Radio Caiari apresenta..."; good; 1/4 & 6. (Perry-IL) 0930-0950 Melodic choral vcl; 0934 M anc w/ rich voxed cments; 1/22 & 26. (Wilkner-FL) 1011-1022 Ad string; M anc w/ mx & talk; f-f in ECCS-USB; 1/24. (Barbour-NH)
- 4789.9 **PERU *R. Vision*** Chiclayo 1034 SS; Usual fare w/ "loudspeaker" preacher; weak but audible w/ mild CODAR splash; ECCS-LSB; 1/7. (Barbour-NH) 1020-1110 SS relig prg; 1/19. (Wilkner-FL) 1055-1140 LV de Salvacion prg; big sig; 1/20. (Perry-IL) 4790 0120 (P) here w/ weak sig; also w/ LAH; 1/26. (Hauser-OK)
- 4800 **CHINA *CNR-1*** Geermu 1142-1200 CC; M & W anc & w/ talk; ad string; pips & ID at ToH; fair w/ mild CODAR; 1/14. (Barbour-NH) 0043 Fair sig in CC as I start a 60m session on the chilly porch with DX-398 to avoid household noise sources; 1/26. (Hauser-OK)
- 4805 **BRAZIL *R. Difusora do Amazonas*** Manaus 0000 PP: M anc w/ mx & talk under CODAR; 1/18 (Wilkner-FL)

- 4180 **PERU R. Logos** Chazuta Remains silent now for about three weeks; 1/19. (Wilkner-FL) 1010-1020 Return after four weeks silent; weaker sig than when last heard; best in LSB or narrow AM; deep fades; 1/23. (Wilkner-FL) 0940 DJ banter w/ prg of campesino favorites & lcl-produced folksy hymns; 0946: "4 de la mañana y 44 minutos, 4 y 44, Uds. Escuchando a la emisora O.la hora de esperanza O.la 4 de la mañana en Radio Logos."; then came chorus of W in Quecha; a nice huayno w/ the full accompaniment of guitars, charangos & flutes; sig improving to 1030; v. good; 1/27. (Perry-IL) 1100-1120 Strong sig; 2/2. (Wilkner-FL)
- 4814.98 **ECUADOR R. El Buen Pastor** 1105 (P); Ad string under blipping ute QRM; still there, but weak, at recheck 1135; 1/27. (Perry-IL)
- 4815 **BRAZIL R. Difusora** Londrina 0000-0020 M ancw w/ ID "...onda media onda corta..."; W vcls; 1/15. (Wilkner-FL)
- 4820 **INDIA AIR Kolkata** 1336 (P); Fast SAH; top strn talking in accented EE re football?; 1338 commercial w/ kid voices, or childish adults; doesn't appear EE; (P) Kolkata over PBS Xizang; 1/11. (Hauser-OK) 1332 W ancw; sounds S. Asian, & fast SAH, or possibly flutter; the two stns here are AIR Kolkata & Xizang PBS, Lhasa Tibet; what is the Hz separation between these two normally?; 2/1. (Hauser-OK)
- 4826.5 **PERU R. Sicuani** Sicuani 1000-1030 M ancw w/ TC en español; CODAR on top w/ slight drift by txmitter; 1/4. (Wilkner-FL) 2320-2350 In espanol; also noted each morning by 0930; seems the earliest Peru s/on; 1/27. (Wilkner-FL)
- 4835 **AUSTRALIA VL8A** Alice Springs 1100-1130 Best in LSB narrow filter to avoid 4840; strong sig; 1/17. (Wilkner-FL) 1347 VL8A the best yet; quite readable w/ sacred choral mx & talk; S9+18; I bet it;s the same "Sunday Night" prg as on R. Australia---yes it is, about one word behind //9580; by 1405, 4835 has faded to a JBA carrier; 1/27. (Hauser-OK)
- 4835 **PERU Ondas del Sur Oriente** Quillabamba 2337 (P); JBA carrier from its new freq; ex-5120 rptd by Pedro F. Arrunátegui, Lima; this time I am checking well before WWCR starts 4840 at 0100; next try at 0050: better on LSB, can barely make out some enthusiastic talk, could be SS; also always CODAR; 0058 a little stronger, but nothing more copied before WWCR blasts on at *0059:25; 1/30. (Hauser-OK)
- 4840 **USA WWCR** Nashville 1217-1220 Financial Survival prg; exc.; 2/4. (Handler-IL)
- 4850 **CHINA PBS Xinjiang** Urumqi 0057 (P); Weak sig w/ some program modulation vs hi local noise level. Must be PBS Xinjiang, Kazakh service, 100 kW, ND from Urumqi as per Aoki, at 2340-0325; nothing else scheduled; 1/29. (Hauser-OK)
- 4877 **BRAZIL R. Difusora Roraima** Boa Vista 0401 PP; Brasopops & ballads to 0411; M ancw w/ ID & promos; poor & noisy; 1/4. (Coady-ON) 1015 M ancw w/ echo fx; (P) ID at 1015; fades; 1/14. (Montgomery-PA)
- 4885 **BRAZIL R. Clube do Para** Belem 0414 PP; Brasopops & ballads; M ancw w/ excited ancments & IDs; fair w/ CODAR; 1/4. (Coady-ON) 0615 "Bom dia, você está ouvindo o clube da madrugada" amid mx; CODAR; this 10 kW ZYG362, R. Clube do Pará, Belém, continues to be the best all-night signal from Brasil on 60m, and stronger than usual tonight; 1/22. (Hauser-OK)
- 4895 **UNIDENTIFIED** 0048 Mx mixing w/ CODAR; choices are Mongolia, India & Brasil; not on 4896 where AIR Kurseong has recently jumped; at 0115 I find a LAH, i.e. two stns on almost but not quite 4895, along w/ CODAR swishes; 1/26. (Hauser-OK)
- 4910 **AUSTRALIA VL8T** Tennant Creek 0820-0830* Footprint of sig; txmitter not yet in darkness.. better in a few months?; 1/22. (Wilkner-FL)
- 4920 **INDIA AIR Chennai** 1340 (P); S. Asian mx & talk; atop another PBS Xizang; 1/11. (Hauser-OK)
- 4930 **BOTSWANA VOA** Moeping Hill 0327-0338 EE; M ancw in heavily accented EE w/ VOA promos & skeds; ID at 0330 into nx re Benghazi hearing; Mali confliet; f-p; 1/24. (Barbour-NH) 0328 Rpyt re on-line classes in engineering offered by the University of South Florida; occ. peaks to good; 0329 promo for new website & blog; ID at 0330 into prg on Islamist threat in Algeria & Mali; fair; 1/26. (Ronda-OK)
- 4940 **CHINA V. of the Strait** Fuzhou 1404 CC; SSOB except for WWV; could easily have copied it but for lang barrier; no sign of co- chy. AIR Guwahati, unlike clashes on 4820 & 4920; 1/11. (Hauser-OK)
- 4949.7 **ANGOLA R. Nacional** Mulenvos 0322 PP; W vcls; M ancw w/ talk into M vcls at 0326; weak; 1/9. (Coady-ON) 0412-0415 M ancw in PP; v. weak w/ fading; below noise lvl much of the time; 2/5. (Evans-TN)
- 4955 **PERU R. Cultural Amauta** Huanta 1043 (P); Mx & flute accompaniment; brief talk at 1054 & back to mx at 1055; rapidly slipping away after 1055; never heard an ID; poor; 1/5. (Ronda-OK) 1040-1100 Flauta & M ancw in SS; v. strong; 1/17. (Wilkner-FL)
- 4960 **SÃO TOME VOA** Pinheira 0415 Beyond an occ. mention of Uganda, Mali & several other African countries, I'd be hard pressed to describe the actual prg content; however a clear VOA ID at 0429; p-v. poor; 1/26. (Ronda-OK)
- 4965 **BRASIL R. Alvorada** Parintins 0950-1010 "...bom dia ...de ciudad"; ments de Brasil; M & W ancw w/ PP nx; 1/26 & 30. (Wilkner-FL) 1003 Doing better than average this past week; noted most mornings around 1000+; good ID 1003; 1/28. (Perry-IL)

- 4974.98 **BRAZIL R. Iguatemi** 2315-0015 (T); MoR mx; M anc in PP; poor; tnx for ID from D. Valko who // sig with Iguatemi's live streaming webcast; 12/30 & 1/2. (Perry-IL)
- 4974.9 **PERU R. Pacifico** Lima 0955-1010 Noted en español; 2330-2350 W anc en español; fading; 1/26 & 27. (Wilkner-FL)
- 4976 **UGANDA UBC Radio Kampala** 2153 (T); African-accented M anc w/ talk & African hi-life vcls; barely audible; 12/26. (Coady-ON)
- 4980 **CHINA Xinjiang PBS** Urumqi 0057 Fair sig in Turkic, no doubt Xinjiang PBS Uighur svc from Urumqi again, where sunrise is 0126 UT today = 9:26 lcl time even in far western "China" where they are forced to go by the UT+8 Beijing clock instead of UT+6 as it should be; 5060 then found as good in CC but the Kazakh svc on 4850 is only at the "algo" lvl; 2/2. (Hauser-OK)
- 4984.14 **PERU R. Voz Cristiana** Huancayo *1055-1115 Caught the end of the daily prg by their "crazed preacher"; 1058 a capella hymn then relg talks in SS; echo ad string at 1103 for "articulos plasticos...al edificio Comercial Espinosa, en la Calle Real..."; ID for RadioVoz Cristiano into OA folklorico tunes at 1107; 1115 f/out; f-g; 12/30 & 1/12. (Perry-IL) 4984.2 1050-1110 Energetic M anc en español; 1/18. (Wilkner-FL)
- 4985 **BRAZIL R. Brasil Central** Goiania No logs; off the air; RTTY often on freq; 1/19. (Wilkner-FL)
- 4990 **SURINAME R. Apintie** Paramaribo 0935-0950 M anc in Dutch; deep fades; 1/22. (Wilkner-FL) 0952-1006 M anc in listed Dutch w/ ad string; canned ID ancment at 1002 into M anc w/ talk; weak but clear in ECCS-USB; 1/23. (Barbour-NH) 0938 (P) relg prg for Sunday morn; tough str; almost never heard well; 1/27. (Perry-IL)
- 5010 **MADAGASCAR RTV Malagasy** Antananarivo 0110 FF; M & W anc s w/ talk; diff. M w/ long talk from 0114-0125; W anc w/ ment. "Antananarivo"; v. poor & noisy; 1/4. (Coady-ON)
- 5019.9 **SOLOMON ISLANDS SIBC** Honiara 1040-1055 M anc w/ chat; 1/31. (Wilkner-FL)
- 5025 **CUBA R. Rebelde** Havana 0200 SS; John Lennon's "Imagine"; M anc w/ excited promos into W ballad at 0203; good; 12/24. (Coady-ON) 1022 'Haciendo Radio' morning show w/ rpt from a Venezuelan official re Chávez' condition, pulmonary problems & warning against evil foreign powers pushing destabilization of the Bolivarian Revolution (what would Simón say?) because of uncertainty about the health of El Huguazo; strangely, no audio breakup or RTTY QRM at the moment; 1/4. (Hauser-OK) 1116-1120 M anc in SS; good; 2/9. (Handler-IL)
- 5025 **PERU R. Quillabamba** 1015-1048 (P); Underneath Rebelde, mainly only audible during talk segments; nly thing missing is el locutor saying the magic words, Radio Quillabamba, hi!; frequent & definite OA mx selections, yipping huaynos & M anc in SS including clear GMT-5 t/cks; also, Quillabamba known to be currently active here per rpts out of LA; if the Cuban weren't blaring in on this freq, the Peruvian would probably be a pretty astounding sig; still need to perform some DX gymnastics to monitor this one, zero beating Rebelde carrier, passband shifting to low side & nothing out as much of the Cuban as possible; sometimes, the OA is quite well heard; took many receptions to test RQ hypothesis & reach this conclusion; unfortunately, cannot read a precision freq due to Rebelde, so just calling it "5025" for now; 1/12. (Perry-IL) 1032 V. nice under Rebelde but clear enough w/ shrill quenas & yipping Quechua 'rap'; M anc w/ SS ancments; caught 5 AMTC at 1036 followed by another nice huaynos presented by W w/ quenas & guitar; 1/28-30. (Perry-IL)
- 5035 **BRAZIL R. Aparecida** Aparecida 0054-0122 PP; Seemingly the one w/ M anc hosting light mx prg; v. poor mixing in & out but "out" more than "in"; 1/17. (D'Angelo-PA)
- 5039.22 **PERU R. Libertad** Junín 1053-1110 M anc w/ ments. de Peru; series of numbers; 1/17, 2/18 & 2. (Wilkner-FL)
- 5040 **CUBA RHC** Havana 0210 SS; M anc w/ ID & mention of Colombia; M & W anc s w/ talk; good; 12/24. (Coady-ON)
- 5050 **USA WWRB** Manchester 2209 Surprised to hear Bro. Scare here, must be WWRB firing up this freq early, but NOT synched w/ 9370, the dedicated BS daytime freq; however, one semi-minute later, 5050 replaces BS w/ some band mx then intro of by a gospel huxter about how to justify windstorms, rain & floods as Acts of God; 1/12. (Hauser-OK) 0057 Back on this channel; having been missing for several nights, including UT Friday during World of Radio, just 3195; still on at 0458 check; 2/3. (Hauser-OK)
- 5060 **CHINA PBS Xinjiang** Urumqi 0045 CC; Fair sig nicely spaced between two much stronger US stns; still in at 0113 but declined to v. poor sig; 1/26. (Hauser-OK)
- 5085 **USA WTWW-2** Lebanon 0230 Ted Randall QSO show w/ some ham commenting on antennas vs condo associations, so find a remote location to operate; 0621 next check, it's still on, now interviewing someone about how great the Dramatized Word of God is in langs as on WTWW-3 12105; 5085 off sometime before my 0705 final check; 1/13. (Hauser-OK)
- 5110v **USA WBCQ** Monticello 0230 CUSB World of Radio 1651 monitoring; confirmed on Area 51; about the same time it started last week; 1/21. (Hauser-OK)

- 5120 **PERU R. Ondas del Sur Oriente** Quillabamba 1040 Good open carrier; prg abruptly started *1047; mx punching thru better than ancments but clear & frequent IDs of "onda corta" and "en Radio Sur Oriente" at 1047 s/on; avisos de la hora for GMT-5 & nice, full ID en eco at 1057; bassy huaynos; note: beware of SS speaking utility strn also here some mornings, at same time, w/ two M in SS; 1/16 & 127. (Perry-IL)
- 5150 **SOUTH KOREA MND Radio** Jongan 1215 I am awake early enough, so check for the final MND Radio txmission of the day lastly using this freq & there it is; W ancr in KK but v. poor; 1/20. (Hauser-OK)
- 5460.2 **PERU R. Bolivar** Cd. Bolivar 0020-0045 Mx; best in USB; deep fades; 1/18. (Wilkner-FL)
- 5580.2 **BOLIVIA R. San José** San José de Chiquitos 0000-0030 M ancr en español; mx; deep fades; 1/14. (Wilkner-FL)
- 5765U **GUAM AFN** Barrigada 1346 On today after missing another day, but v. poor vs. OTH radar pulses; 1/3. (Hauser-OK) 1406 Back again after missing a few days; nx from the NBC "Today" show re shooting in California, tornados & floods in Louisiana; 1409 military PSAs cover up the original TV commercials; more at 1414: military deployment nx from the Southern Command; 1/11 & 14. (Hauser-OK) 1045-1050 M & W ancrs w/ talk; strong sig; 1/17 & 26. (Wilkner-FL)
- 5790 **UNITED KINGDOM BBC** Wooferton 0312 AA (P); W & M in interview; fair; 2/2. (Taylor-WI)
- 5830 **USA WTWW-1** Lebanon 0500 World of Radio 1651 monitoring: confirmed; exc. sig this time, but automation is currently set to start playback about 15 seconds early, meaning the canned hourtop ID interrupts our billboard again; 1/13 & 20. (Hauser-OK) 0500 World of Radio 1654 confirmed This time, instead of starting WOR early & then interrupting for the lcl ID; SFAW prgrmg continued until 0500 sharp, then ID, but then joining WOR already in progress at 0500:17 or so; well, that's some improvement; 2/3. (Hauser-OK)
- 5875 **THAILAND BBC** Nakhon Sawan 1344 EE; Talk re shifting gender roles & changing moral codes in the subcontinent; ID & prgr notes at 1349; prg re the 1968 National Coal Strike at 1350; f-g; 12/31. (Ronda-OK)
- 5890 **N. MARIANA ISLANDAS VOA** Tinian 1315 Noted here in KK; //9800; 1/4. (Handler-IL)
- 5890 **USA WWCR** Nashville 0643 Bro. Scare; vg sig lvl, but big buzz on the sidebands, peaking about 4.4 kHz above & below; (P) an input problem, for everything went silent at 0644, then a WWCR ID & resumed w/ no improvement; 1/16. (Hauser-OK)
- 5900 **RUSSIA V. of Russia** Vladivostok 1354 M ancr in Mongolian; into lively rhythmic songs w/ lots of drumming; chimes at 1359 & off at 1400 as per sked; p-f; 12/31. (Ronda-OK)

5901-30000 kHz

International Band Loggings


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

- 5900 **BULGARIA The Overcomer Ministry** - Kostinbrod, 2237-2300* Dec 26, nice music caught my attention but soon became more religious in nature. Fair to good. (D'Angelo-PA)
- 5940 **AUSTRALIA R. Australia** Feb 1, 1310. "This is Radio Australia" by F. Fair-poor. (Barton-AZ)
- 5950 **IRAN Voice of Islamic Republic of Iran** - Sirjan, 2220-2332* Dec 26, man announcer talking in listed Bosnian language with some light music. Fair. (D'Angelo-PA)
- 5950 **ETHIOPIA Voice of Tigray Revolution**, 0430-0506 Feb 11, after Bible Voice clears frequency opens this up for nice reception of Tigrinya talks (listed), news and Horn of Africa music hoisted by a man announcer. Fair to good signal. (D'Angelo/FCDX-PA)
- 5950 **NEW ZEALAND Radio New Zealand International**, 1303-1340+ Feb 11, man reading English news followed by nice ID at 1309 (D'Angelo/FCDX-PA)
- 5955 **AUSTRIA Voice of Vietnam** - Moosbrunn, 1934-1957* Feb 11, woman announcer hosting French language program with news and features. Vietnamese music from 1948. Closedown at 1957 with ID and announcements. Fair. (D'Angelo/FCDX-PA)
- 5970 **BRAZIL Radio Itatiaia** - Belo Horizonte, 2302-2323 Feb 11, man and woman announcers with talk in Portuguese. Jingle ID at 2309 followed by Brazilian male pop vocal. Fair. (D'Angelo/FCDX-PA)
- 5995 **AUSTRALIA RA Brandon** 0935-0948 Jan 23 Tok Pisin; W announcer w/ talk & soundbites; ID at 0936;. (Barbour-NH)
- 6010 **COLOMBIA La Voz de tu Conciencia**, Puerto LlerasHrd 1/12,13 at *1101 with long, dramatic orchestra + vocal rendition of the HJ Himno Nacional, followed by ID and into usual pgming. (Perry, Illinois)
- 6045 **AUSTRIA Adventist World Radio** - Moosbrunn, 0452-0458* Jan 12, man and woman with French talk, some light instrumental music before closedown ID and announcements. Fair to good. (D'Angelo-PA)

- 6045 **ENGLAND KBS** World Radio via Woofferton, 0733-0759* Jan 12, Korean language program with apparent news followed by light hearted banter by a man and woman with laughter. Fair. (D'Angelo-PA)
- 6050 **ECUADOR HCJB**, Quito-Pifo, 2342-2359. Contemporary religious ballad music. Announcements between selections in Spanish by a man. ID by man at 2359. Moderate signal strength with heavy high side interference from REE via Nobeljas. 1/13/2013 (Evans - TN)
- 6055 **JAPAN R. Nikkei**, Thursday Jan 17 at 1335, in English --- OM speaker for a minute about Japan's relations with China. (Glenn Hauser, OK, DX LISTENING DIGEST)
- 6060 **CUBA RHC** Jan 21 at 0609, RHC is still in Spanish again instead of English, supposed to start at 0500 (Hauser, OK)
- 6075 **VATICAN Vatican R** The Pope's Voice is vying with the Castros' voice for messing up its own transmissions: (Hauser, OK)
- 6100 **BOSNIA International Radio of Serbia** - Bijeljina, *2200-2233 Dec 21, opening of English program with IOD and news. . Fair to good but audio somewhat mushy. (D'Angelo-PA)
- 6105 **BOLIVIA Radio Panamericana**, La Paz, 1040. beautiful piano solo dominating the frequency, yl vocal at 1045 into flauta at 1047. 22 Jan (Wilkner- FL)
- 6134 **BOLIVIA Radio Santa Cruz** - Santa Cruz de la Sierra, 1016-1037 Feb 11, lively morning hosted by a man announcer with Spanish talk, IDs and announcements. (D'Angelo/FCDX-PA)
- 6150 **TAIWAN Radio Taiwan International** - Kouhu, 2212-2240 Feb 11, man and woman talking in Chinese language with several quick announcements and musical selections. . (D'Angelo/FCDX-PA)
- 6160.7 **CANADA CKZN**, St. John's, NF, 0008-0014. (Evans - TN)
- 6165 **VIETNAM Voice of Vietnam** - Xuan Mai, 2246-2304 Feb 11, music program featuring Vietnamese vocals Poor. (D'Angelo/FCDX-PA)
- 6170 **NORTH KOREA Voice of Korea** Jan 23 , 1145. March music, F annr in FF , to i.s., fanfare, opening in Korean language . Good . (Barton-AZ)
- 6295 **IRELAND Reflections Europe**, 2214-2230* Feb 10, man and woman with religious talk in English (D'Angelo/FCDX-PA)
- 7120 **SOMALILAND Radio Hargeisa**, 0331-0412 Jan 12, man announcer with opening announcements in Somali language. (D'Angelo-PA)
- 7249 **VATICAN Vatican Radio**, Jan 17 at 0629, carrier is hetting 7250 bells from, presumably American ham protesting this broadcast intrusion (but sanctioned as it's not aiming at us), off and back on during VR opening the mass (Glenn Hauser, OK, DX LISTENING DIGEST)
- 7255 **NIGERIA Voice of Nigeria**-Ikorodu, Jan. 23, fair at 2249. rapid-fire drumming and high-pitched singing; into talk in Hausa at 2250; ID at 2256; at 2257 a sudden increase in signal strength and clarity; off at 2259 (Ronda-OK)
- 7255 **CHINA China Radio International** - Baoji, 2036-2057* Feb 10, man announcer hosting Russian language music program. Close down at 2056 with man talking over flue music. Heard thanks to a tip from Dave Turnick in the next chair. Poor to fair with slight amateur QRM. (D'Angelo/FCDX-PA)
- 7265 **SPAIN Radio Exterior de Espana**, 1949-2011 Dec 24, continuous music until Arabic announcement at 1956 with e-mail address. More music with Arabic talk, ID and news at 2000 after time pips. Fair. (D'Angelo-PA)
- 7285 **ALBANIA China Radio International**, 2016-2033 Dec 24, English (D'Angelo-PA)
- 7285 **RWANDA DW** - Kigali, 0410-0420, Jan 22, EE. Discussion re various African hot-spots, DR Congo, S. Darfur & Mali; ID at 0418 into radio drama; fair in ECCS-USB. (Barbour-NH)
- 7290 **PRIDNESTROVIE (Moldavian S.S.R.) Radio PMR**, *2200-2231 Dec 18, time pips opening English program (D'Angelo-PA)
- 7290 **ROMANIA International Radio Relay Service** - Saftica, 2039-2100* Dec 22, Overcomer Ministry program until closedown ID by a man announcer at 2058 prior to choral singing from 2059 until carrier was terminated. Fair. (D'Angelo-PA)
- 7290 **PRIDNESTROVIE Radio PMR** Grigoriopol 2059-2110 Jan 21 EE; Txmitters tones; pips into s/on announcement; M announcer w/ nx re Ukrainian/Moldovan affairs; UNICEF, health, education & child protection issues; cultural prg re baptism of Christ & the Epiphany; f-g. (Barbour-NH)
- 7295 **MALAYSIA Traxx FM**, 1210-1223 Feb 12, familiar hi tech production values with pop music and man and woman with some Englis (D'Angelo/FCDX-PA)
- 7335 **GERMANY Norddeutscher Rundfunk** - Wertachtal, 2217-2259* Dec 24, special Christmas program from German public broadcaster with mainly German language talks and a few Christmas music selections. Nice ID and presumed address at 2239. Fair to good. (D'Angelo-PA)
- 7350 **CHINA CRI**-Urumqi , Jan. 26, fair but muffled audio at 2224. man speaking in French; at 2225 time and frequency information for French broadcasts from CRI (Ronda-OK)
- 7355 **ALASKA KNLS**, Anchor Point, 1205-1210. Upbeat vocal music. ID by a woman at 1207 followed by a short "business news" item regarding the iPhone (Evans - TN)
- 7375 **GERMANY Voice of Croatia** via Nauen, 0300-0325 Jan 1, ID in English into Croatia Today program with news and features followed by music (D'Angelo-PA)

- 7435 **SEYCHELLES BBC**-Mahe, Jan. 26, fair-good at 0238 in English. report on the Curiosity Mars Rover (Ronda-OK)
- 9335 **KOREA NORTH** Jan 25 at 1413, VOK in French, modulation rather distorted. 11710, Jan 25 at 1417, (Hauser, OK)
- 9405 **PHILIPPINES FEBC** – Bocaue, 2251-2317 Feb 10, Religious talk by a man in Chinese with frequent mentions of “Amen”, light instrumental music, ID and e-mail address at 2300 followed by more religious talks in Chinese. Fair to good. (D’Angelo/FCDX-PA)
- 9445 **INDIA AIR**-Bengaluru, Jan. 26, fair but slipping to poor at 2155. lecture in English about technological development in India; General Overseas Service ID at 2200 (Ronda-OK)
- 9475 **AUSTRALIA R. Australia** Jan 31 , 1020 . Lively island music to M referencing “Tok Pisin Broadcast” , fanfare music and news read in Pidgin ; mentions of “anti-corruption commission” . Excellent signal. (Barton-AZ)
- 9500 **CHINA CNR 1** – Shijiazhuang, 2309, 1/23/13, in Mandarin. Usual format of woman and man announcers alternating. Poor. (Taylor-WI)
- 9526 **INDONESIA Voice of Indonesia** – Cimanggis, 2016-2112 Feb 11, woman announcer hosting French language. (D’Angelo/FCDX-PA)
- 9565 **JAPAN R. Nikkei** Jan 24 , 1315 . M and F , mix of Japanese and English . Fair-Good, not as strong as //s on 6055 and 3925 . (Barton-AZ)
- 9579 **MOROCCO R. Mediterranee Int’l** – Nador, 0421-0433, Jan 22, AA. M announcer w/ brief talk between Kor’an-like vocals & mx; f-p in ECCS-USB. (Barbour-NH)
- 9580 **GABON Afrique No. 1** – Moyabi, 2125, 1/23/13, in French. Man announcer with mellow music. Fair. First time I’ve heard ANO in some time. (Taylor-WI)
- 9595 **JAPAN R. Nikkei**-Nagara, Jan. 25, fair-good at 1208. two men in Japanese with a lively conversation (Ronda-OK)
- 9600 **PHILIPPINES Vatican Radio** – Tinang, 2228-2230* Feb 10, man announcer talking in Chinese ending (D’Angelo/FCDX-PA)
- 9600 **VATICAN Vatican Radio** Feb 1 , 2345 . Music and F in Vietnamese lang . and talk to the IS and close at 2359 . Fair . (Barton-AZ)
- 9645 **BRAZIL Radio Bandeirantes** – Sao Paulo, 2316, in Portuguese. Animated man talking at length. Fair. (Taylor-WI)
- 9660 **TAIWAN Radio Taiwan International** – Kouhu, 2319, 1/2/13, in Mandarin. Woman interviewing a man, bridge music to woman and man announcers alternating. Fair. // 9685 - Taipei, Poor. (Taylor-WI)
- 9665 **BRAZIL Voz Missionaria** – Cambroiu, 2323, 1/23/13, in Portuguese. Man taking phone calls, then continuing to talk for some time. Fair. (Taylor-WI)
- 9665 **NORTH KOREA KCBS**-Pyongyang, Jan. 25, fair at 1128. choral music with that unmistakable DPRK revolutionary edge(Ronda-OK)
- 9680 **INDONESIA RRI** Jakarta 1022-1034 Jan 23 Indo; W announcer w/ brief talk between ballads; listener phone call at 1029; back to mx at 1033; weak but clear w/ mild band QRN. (Barbour-NH)
- 9700 **TURKEY Voice of Turkey** – Emirler, 0526-0550, Jan 26. woman announcer with Turkish language talk hosting music program. Fair to good. (D’Angelo-PA)\
- 9720 **PHILIPPINES Radio Veritas Asia** – Palauig, 2317-2337 Feb 10, tune in to Filipino language program with English ID at 2326. (D’Angelo/FCDX-PA)
- 9720 **THAILAND Radio Thailand**, *1230-1259* Feb 11, opening of English “evening News” program with a man and woman announcing team. Usual news (world, local, business and sports) with plenty of ads. Fair. (D’Angelo/FCDX-PA)
- 9740 **SINGAPORE BBC World Service** – Kranji, 2330-0004 Jan 4. Business Daily program in English with several features and IDs. Time pips, ID followed by World News at top of the hour. Fair to good. (D’Angelo-PA)
- 9745 **AUSTRALIA R. Australia** After 0700 UT Jan 17 (Glenn Hauser, OK, DX LISTENING DIGEST)
- 9765 **NEW ZEALAND RNZI** Jan 27 , 1655. Familiar IS to the hour, then news by female. Fair . (Barton-AZ)
- 9800 **RWANDA Radio Deutsche Welle** Jan 31 , 1605 . M with apparent news in what at first sounded Arabic(language listed as an Ethiopian dialect) . Fair-good . (Barton-AZ)
- 9820 **TURKEY TRT**, Jan 17 at 0617, Turkish talk matching always stronger // 9700, and with bad het from always off-frequency Brazilian on low side of 9820 (Glenn Hauser, OK, DX LISTENING DIGEST)
- 9835 **MALAYSIA RTV Malaysia** (Sarawak FM), Kajang, 1001-1002. Talk in Malay by woman. Weak but steady signal with high side interference from Vietnam. 2/8/2013 (Evans - TN)
- 9835 **JAPAN Radio Japan** Jan 27 , 1745 , M presenter in Japanese w/ excellent jazz music pgm and VG signal.(Barton-AZ)
- 9840 **UAE KBS** Dhabayya 2002-2014 Jan 21 AA; M announcer w/ talk; ment. Morocco & Afrique; KBSradio.org promo at 2010; M & W announcers w/ banter; fair. (Barbour-NH)
- 9855 **PHILIPPINES FEBC** – Iba, 1147-1159* Feb 12, Vietnamese program with music prior to closedown ID and announcements. (D’Angelo/FCDX-PA)

- 9870 **INDIA AIR** Jan 23 , 0130. Program of trad music. VG , and better than usual here . (Barton-AZ)
- 9905 **EGYPT R. Cairo**, Jan 17 at 0616, is unusually holding up over night path, good signal but Arabic distorted as always (Glenn Hauser, OK, DX LISTENING DIGEST)
- 9940 **CLANDESTINE (Sudan) Radio Miraya FM** via Mykolaiv, 0442-0519, Jan 26 (D'Angelo-PA)
- 9955 **U S A WORLD OF RADIO** monitoring: ready just in time for first broadcast on WRMI 9955, UT Thursday January 17 at 0430. (Glenn Hauser, OK, DX LISTENING DIGEST)
- 11570 **PAKISTAN Radio Pakistan**, 1240-1302* Feb 11. (D'Angelo/FCDX-PA)
- 11600 **LIBYA Radio Libya** - Sabrata, 2004-2015* Feb 11, man with Arabic talk followed by apparent closedown with IOD at 2013. A male vocal selection was terminated mid-song. Poor to fair. (D'Angelo/FCDX-PA)
- 11615 **CLANDESTINE (Sudan) Radio Damal** - Woofferton, 1922-1929* Feb 11, Horn of African male vocal followed by a man in Somali language at 1928 with several IDs before carrier was terminated. Fair to good. (D'Angelo/FCDX-PA)
- 11665 **JAPAN Radio Japan** - Yamata, 2316-2329*, Jan 26. Listed Indonesian program with a woman announcer; several long talks and some light instrumental music. (D'Angelo-PA)
- 11670 **INDIA All India Radio** - Bengaluru, 2053-2122 Dec 31, Hindi vocals until 2059 ID by man announcer followed by news in English. (D'Angelo-PA)
- 11690 **SOUTH AFRICA R. Okapi**-Meyerton, Jan. 25, poor with some peaks to fair at 0442. man and woman speaking in French (Ronda-OK)
- 11735 **ZANZIBAR Zanzibar Broadcasting Corporation**, 2110-2137* Dec 24, lively music programming hosted by a man announcer with very brief Swahili talks until program ended rather abruptly with no advanced notice. Fair to good. (D'Angelo-PA)
- 11735 **TANZANIA Radio Tanzania Zanzibar**, Dole, 2035-2045. Local ballad style music, mostly instrumental, but eventually adding a male vocalist. (Evans - TN)
- 11765 **BRAZIL Super Rádio Deus é Amor** - Curitiba, 2136-0300+ Dec 18, conversation by various men in Portuguese followed by jingle ID. (D'Angelo-PA)
- 11780 **BRAZIL Radio Nacional da Amazônia**, 0440-0512 Dec 22, great program of Brazilian pop vocals (D'Angelo-PA)
- 11780 **BRAZIL RNA/RNB**, Jan 16 at 2153, 2217 and Jan 17 at 0027 chex, is nominal in AM without wideband noise. (Glenn Hauser, OK, DX LISTENING DIGEST)
- 11815 **BRAZIL R. Brasil Central-Goiana**, Jan. 26, fair-poor at 0205. talk in Portuguese; into soft romantic songs at 0208 (Ronda-OK)

I can tell it's primetime for shortwave listening as I received more loggings this month than what I can squeeze into five pages. 73's...Dave 

NASWA Flashsheet

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

< www.ontheshortwaves.com > *Update*, January 27, 2013 -- Under "Specialized Resources," "Newsletters," we have posted some past issues from each of the editors of the North American Shortwave Association "Flash Sheet" during the years that it was a hardcopy publication. The "FS" started out in September 1966 as a two-page column of "hot" information from both NASWA members and others. Prepared by club executive editor and publisher William P. Eddings of Altoona, PA, it was originally part of the monthly bulletin, but with a late "at publication" deadline. In November 1967 it was assigned its own editor, Al Niblack of Vincennes, IN. In January 1973 a separately mailed, mid-month FS was introduced to supplement the monthly in-bulletin FS. It was available to those who kept a supply of stamped, self-addressed envelopes on hand at headquarters. In October 1974 the in-bulletin FS went to separate mailing, but it returned to in-bulletin status in May 1975, where it remained a monthly feature through October 1986. The FS, both in-bulletin and mid-month, was called "DX Hotline" from October 1975, "Update" from November 1977, and "DXtra" from January 1987 to July 1989, when it ceased publication. It was restored as an electronic weekly in December 2001, and is still published electronically. The editors of the hardcopy FS over the years were: Bill Eddings (1966-67); Al Niblack (1967-1975); Ralph W. Perry, Libertyville, IL (1975-1976); John J. Moritz, Jr., Youngstown, OH (1976-1977); Thomas B. Alleman, Kansas City, MO (1977-1986); and Robert J. Hill, Sharon, MA (1987-July 1989). -- Also this week we have posted a new story under "Specialized Resources." "Wavescan": "The Final Episode in the Story of Radio Broadcasting in Afghanistan: The Story of the Indian Shortwave Transmitter" (January 20, 2013)

< www.ontheshortwaves.com > *Update*, February 3, 2013 -- There have always been some stations with particularly distinctive QSLs. In the "CPRV QSL Gallery" (SWBC), we have posted one--a QSL from Broadcasting Caracas, a station that operated in the 1930s on both mediumwave and shortwave. The QSL was on the cover of a 16-page pamphlet containing much information about the station and about Venezuela. Broadcasting Caracas had some English-language programming, including, on Tuesday nights, special programs dedicated to various radio clubs. It later became YV5RN, Radio Caracas. -- And under "Specialized Resources," "Wavescan," we have another article from Adrian Peterson: "Focus on Africa: Radio Broadcasting in the Land of the Mountain Lion - I" (January 27, 2013).

< www.ontheshortwaves.com > *Update*, February 10, 2013 -- This time, under "DX History Stations," we have posted a pamphlet on the technical side of the KDKA facilities in 1932. At that time KDKA was on both the broadcast band and shortwave (W8XK). The pamphlet was prepared by two Westinghouse radio engineers for the Institute of Radio Engineers convention in Pittsburgh. -- And from Adrian Peterson, under "Specialized Resources/Wavescan," you will find "100 Years of Wireless and Radio in Bulgaria-3: The Early Shortwave Scene" (February 3, 2013).

< www.ontheshortwaves.com > *Update*, February 17, 2013 -- In the past, under "DX History POW Monitoring," we have posted some of the thank you cards and letters received by DXer August Balbi from the families to whom he sent word of POW messages heard from Far Eastern Axis stations during World War II. Here is "August Balbi's POW Monitoring, Part IV," another group of thank you's received by August Balbi. This is the first of several postings about World War II POW messaging that we will be making over the next few weeks.

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