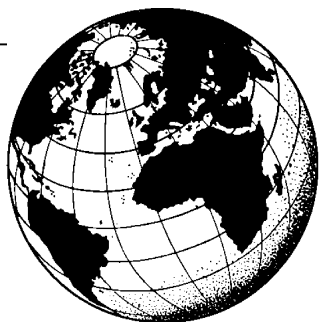
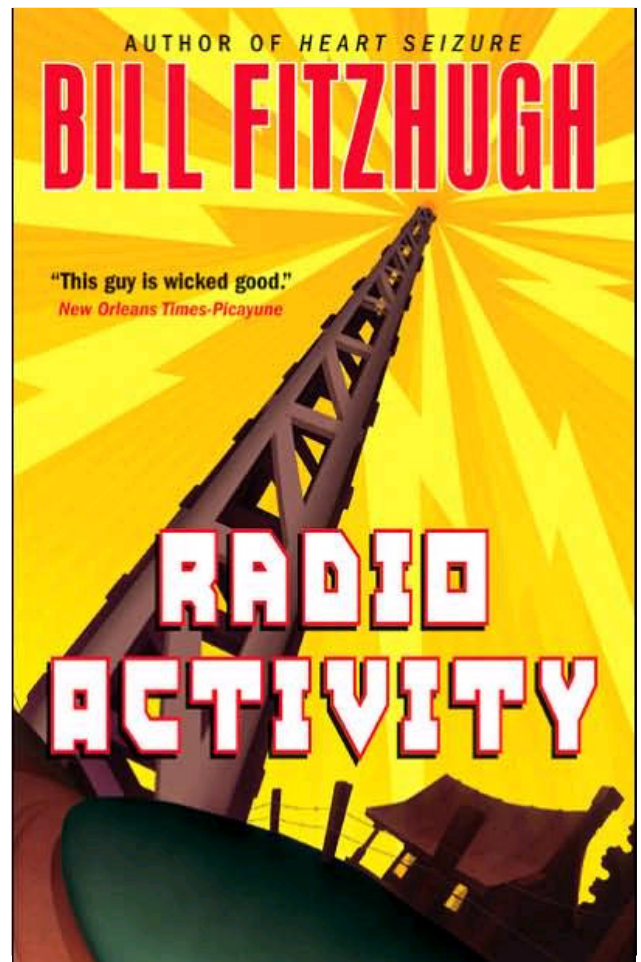


# MEDIUM WAVE NEWS

MEDIUM WAVE CIRCLE

February 2008 Volume 53 No. 9



- ♣ *Parka-DX*
- ♣ *Caribbean wavespan*
- ♣ *Sony SRF59 again!*
- ♣ *Jamming the Germans*
- ♣ *Solar cycle 24 begins*
- ♣ *Uganda DX-pedition!*
- ♣ *WBIX 1060kHz DX test*

|   |  |  |
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## STOP PRESS:

This month we'd like to extend a warm Circle welcome to the following new members: Daggh Casselbrant, Kramfors, Sweden; Hasse Mattisson, Vaxjo, Sweden; Kjell-Goran Bergendahl, Langserud, Sweden; Werner Forderer, Germany; Christian Bruelhart, Uster, Switzerland – rejoin; Eric Soderman, Norrkoping, Sweden; Juan Alberto Lopez Lopez, Valencia, Spain; Mike Watling, Blandford.

## WELCOME TO THE CIRCLE!!

|  |                                      |                                       |
|--|--------------------------------------|---------------------------------------|
| Stop Press Deadlines:  | 1 <sup>st</sup> March for March 2008 | 30 <sup>th</sup> March for April 2008 |
| Cover illustration: A crime novel set in a fictitious 1970s US radio station |                                      |                                       |
| Medium Wave News is published 10 times a year by the Medium Wave Circle      |                                      | © 2008                                |

# EDITORIAL

with Steve Whitt

✉ Landsvale, High Catton, Yorkshire YO41 1EH  
e-mail: editor@mwcircle.org ☎ 01759-373704

## Membership Renewal Time

If your full membership subscription to the Circle is due to run out at the end of March 2008 you will find an appropriate renewal included with this issue of MWN. Please note that if you do not renew promptly the next issue will be the last copy of MWN that will arrive through your letter-box and you will lose access to e-MWN and the e-news service at the end of March.

## MEMBERSHIP FEES FROZEN FOR 15th YEAR RUNNING!!

### Unique Benefits of Circle Membership:

10 issues of printed MWN (over 550 pages)

e-MWN instantly available via the internet

MWN e-news service (e-mail)

Big discounts on WRTH/PWBR books

Reprint service (print and CDs)

When you renew your membership please do consider the benefits of taking out a 2 or 3 year membership. These reduce the administration costs of the Circle and make print runs much more predictable so they help us hold down subscription rates. Members also benefit by avoiding any forthcoming increase in membership rate (just how much longer we can hold subscription at current levels we don't know!). [N.B. **postage rates will increase** here in the UK in April] And our overseas members save on commission charges from their bank when converting funds to Sterling; one transfer for a 3 year membership attracts one third of the bank fees associated with three separate annual fees.

|                           | 1 year to Mar 2009 | 2 year to Mar 2010 | 3 year to Mar 2011 |
|---------------------------|--------------------|--------------------|--------------------|
| UK                        | £12                | £22                | £33                |
| Europe (Inc Eire)         | £16/30Eu           | £30/50Eu           | £45/75Eu           |
| Rest of World     Airmail | £21 / \$35US       | £39 / \$65US       | £59 / \$95US       |
| Surface                   | £16 / \$27US       | £30 / \$50US       | £45 / \$75US       |

### Payment

Our preferred method of membership renewal is by Sterling cheque, bankers draft or Postal Order but we welcome Paypal particularly for payment from outside the UK. Please note that the PayPal prices include a 5% surcharge levied by PayPal.



Payments should be made to "Medium Wave Circle". All overseas non-cash payments (e.g. bank draft, International Postal Money Order, Girocheque) must be in GBP Sterling. Cash payments can be accepted in GBP Sterling or the equivalent in any major currency (please do not send coins through the post). We recommend registered post for cash sent via the post. If you cannot transfer money we will accept correctly franked International Reply Coupons at a rate of 2.5 per GBP (e.g. 25 IRCS = GBP10). For on-line renewal via the Circle's electronic shop just start by visiting <http://www.mwcircle.org/page12.htm>

## MWC Club Accounts

Clive has prepared the club accounts for 2007 and copies are available to members either via e-mail or in return for a stamped self addressed envelope.

Clive notes, "2007 has been another excellent year for the Circle. Both Full and electronic membership show small increases over last year. Full is now 196, up from 192, and electronic is now 84, an increase of 5". However Clive notes that costs have risen significantly, particularly the cost of printing. Looking forward, Royal Mail will be raising their 1st & 2nd Class service prices from April 7, 2008.

## EMWG 10<sup>th</sup> Anniversary

Herman Boel writes, "As you may know, the EMWG celebrates its 10th anniversary this year.

I can already tell you that it promises to be a very exciting year. I have planned two changes to the EMWG.

One change has now been done: the EMWG PDF version has been put in a new and professional design. Anyone who orders the new PDF version will get it in the new design. The format will be fine-tuned further in the coming weeks.

And in the Spring of 2008 we will celebrate the 10th anniversary. On this occasion a quiz contest will be held, open to everybody, regardless of location or club membership.

The quiz, will deal with many radio aspects, and will not solely cover medium wave. A special web site has been set up for the contest: [www.emwg-contest.org](http://www.emwg-contest.org) Please feel free to have a look.

There you will find the information on schedule, prizes (for now), sponsors, etc. As participating is (really) more important than winning, some prizes are given randomly to entrants.

You have an item you would like to contribute as a prize? Thank you in advance and please contact me.

The contest dates have been set to 1 March 2008 through 30 April 2008. So as of 1 March you will be able to see/download the quiz from the web site. Until then you can see what prizes have been added for the participants.

Please feel free to spread the news!

## Thanks

To Noel Green for sending along a small selection of old copies of MWN. If you have any old copies (pre 1980s) that are unwanted, we can always add them to the archive instead of of you sending them for recycling

To Jim Pogue, Saul Chernos and the rest of the gang organising DX Tests in the USA. Most tests are widely heard but not outside the USA/Canada. Recently a test by CFFX was heard by Paul Crankshaw in Scotland. And a forthcoming test by WBIX 1060 remains a good possibility for many European listeners (see feature on page 8) because of its East cost location and the timing of the test.

73s

*Steve .*

# IONOSPHERIC REPORT

from U.S. Dept. of Commerce, NOAA, Space Environment Center

## Daily Geomagnetic Data

| Date       | Middle Latitude<br>-- Fredericksburg -- |           |    |    |    |    |    |    |    | High Latitude<br>---- College ---- |    |           |    |    |    |    |    |    | Estimated<br>---- Planetary ---- |   |    |           |   |   |    |    |    |  |  |
|------------|---|-----------|----|----|----|----|----|----|----|------------------------------------|----|-----------|----|----|----|----|----|----|----------------------------------|---|----|-----------|---|---|----|----|----|--|--|
|            | A                                       | K-indices |    |    |    |    |    |    |    |                                    | A  | K-indices |    |    |    |    |    |    |                                  |   | Ap | K-indices |   |   |    |    |    |  |  |
| 2008 01 06 | 12                                      | 2         | 4  | 2  | 2  | 2  | 3  | 3  | 2  | 21                                 | 3  | 2         | 3  | 4  | 5  | 4  | 3  | 3  | 13                               | 2 | 4  | 2         | 2 | 3 | 3  | 3  | 3  |  |  |
| 2008 01 07 | 10                                      | 4         | 3  | 2  | 2  | 2  | 1  | 1  | 2  | 23                                 | 3  | 3         | 3  | 6  | 5  | 1  | 0  | 2  | 12                               | 4 | 4  | 2         | 3 | 3 | 0  | 1  | 2  |  |  |
| 2008 01 08 | 11                                      | 3         | 2  | 2  | 3  | 1  | 3  | 3  | 2  | 16                                 | 1  | 2         | 3  | 4  | 3  | 4  | 4  | 2  | 13                               | 2 | 3  | 2         | 2 | 1 | 4  | 4  | 2  |  |  |
| 2008 01 09 | 6                                       | 3         | 1  | 2  | 1  | 1  | 1  | 2  | 1  | 9                                  | 3  | 2         | 3  | 3  | 3  | 1  | 1  | 1  | 6                                | 3 | 2  | 2         | 1 | 1 | 0  | 1  | 1  |  |  |
| 2008 01 10 | 2                                       | 2         | 0  | 1  | 0  | 1  | 1  | 1  | 0  | 2                                  | 0  | 0         | 0  | 2  | 2  | 0  | 1  | 0  | 3                                | 2 | 0  | 0         | 1 | 1 | 1  | 0  | 1  |  |  |
| 2008 01 11 | 2                                       | 1         | 1  | 1  | 2  | 0  | 0  | 1  | 0  | 1                                  | 0  | 0         | 0  | 2  | 0  | 0  | 1  | 0  | 2                                | 1 | 0  | 1         | 1 | 0 | 0  | 1  | 1  |  |  |
| 2008 01 12 | 4                                       | 0         | 0  | 1  | 1  | 1  | 3  | 2  | 1  | 11                                 | 0  | 0         | 1  | 3  | 2  | 5  | 3  | 1  | 9                                | 0 | 0  | 1         | 1 | 2 | 4  | 3  | 2  |  |  |
| 2008 01 13 | 9                                       | 3         | 2  | 1  | 1  | 3  | 3  | 2  | 1  | 24                                 | 1  | 1         | 1  | 3  | 6  | 5  | 4  | 3  | 11                               | 3 | 2  | 2         | 1 | 3 | 3  | 3  | 2  |  |  |
| 2008 01 14 | 14                                      | 3         | 2  | 2  | 4  | 3  | 2  | 3  | 3  | 30                                 | 2  | 2         | 4  | 6  | 4  | 5  | 4  | 3  | 16                               | 3 | 3  | 4         | 3 | 3 | 3  | 3  | 3  |  |  |
| 2008 01 15 | 7                                       | 3         | 2  | 2  | 1  | 2  | 2  | 1  | 1  | 19                                 | 3  | 2         | 3  | 5  | 5  | 3  | 0  | 1  | 8                                | 3 | 2  | 2         | 2 | 3 | 2  | 0  | 2  |  |  |
| 2008 01 16 | 9                                       | 3         | 2  | 2  | 2  | 2  | 2  | 1  | 3  | 22                                 | 2  | 2         | 4  | 5  | 5  | 3  | 2  | 3  | 11                               | 3 | 3  | 3         | 3 | 2 | 2  | 2  | 3  |  |  |
| 2008 01 17 | 7                                       | 2         | 1  | 1  | 1  | 2  | 2  | 2  | 3  | 16                                 | 3  | 1         | 2  | 4  | 5  | 3  | 2  | 1  | 10                               | 3 | 1  | 1         | 2 | 2 | 2  | 2  | 3  |  |  |
| 2008 01 18 | 10                                      | 3         | 3  | 3  | 2  | 2  | 2  | 2  | 1  | 20                                 | 3  | 2         | 3  | 3  | 5  | 5  | 2  | 1  | 10                               | 3 | 3  | 3         | 1 | 2 | 3  | 2  | 2  |  |  |
| 2008 01 19 | 6                                       | 1         | 1  | 2  | 2  | 2  | 3  | 1  | 1  | 28                                 | 1  | 1         | 5  | 6  | 5  | 4  | 2  | 2  | 9                                | 1 | 1  | 3         | 3 | 3 | 3  | 1  | 2  |  |  |
| 2008 01 20 | 4                                       | 0         | 2  | 2  | 1  | 2  | 1  | 1  | 1  | 5                                  | 0  | 2         | 2  | 2  | 2  | 0  | 1  | 2  | 6                                | 1 | 3  | 2         | 1 | 2 | 1  | 2  | 2  |  |  |
| 2008 01 21 | 3                                       | 0         | 1  | 1  | 1  | 1  | 1  | 2  | 1  | 6                                  | 0  | 1         | 2  | 3  | 3  | 1  | 2  | 0  | 4                                | 1 | 1  | 1         | 1 | 1 | 1  | 1  | 1  |  |  |
| 2008 01 22 | 2                                       | 0         | 1  | 0  | 0  | 0  | 1  | 1  | 1  | 0                                  | 0  | 0         | 0  | 0  | 0  | 1  | 0  | 0  | 2                                | 0 | 1  | 0         | 0 | 0 | 1  | 0  | 1  |  |  |
| 2008 01 23 | 3                                       | 0         | 0  | 1  | 1  | 2  | 2  | 1  | 1  | 1                                  | 0  | 0         | 0  | 0  | 0  | 0  | 1  | 1  | 3                                | 0 | 0  | 1         | 0 | 0 | 1  | 1  | 2  |  |  |
| 2008 01 24 | 3                                       | 2         | 1  | 1  | 1  | 1  | 1  | 1  | 0  | 4                                  | 0  | 0         | 2  | 2  | 3  | 1  | 1  | 0  | 5                                | 1 | 1  | 2         | 1 | 2 | 1  | 2  | 2  |  |  |
| 2008 01 25 | 8                                       | 2         | 3  | 3  | 2  | 1  | 1  | 2  | 1  | 8                                  | 1  | 3         | 3  | 3  | 1  | 1  | 1  | 2  | 11                               | 2 | 4  | 3         | 2 | 1 | 1  | 3  | 2  |  |  |
| 2008 01 26 | 6                                       | 3         | 2  | 1  | 2  | 1  | 2  | 0  | 1  | 8                                  | 2  | 1         | 1  | 4  | 3  | 1  | 2  | 0  | 5                                | 2 | 2  | 1         | 2 | 2 | 1  | 1  | 1  |  |  |
| 2008 01 27 | -1                                      | -1        | -1 | -1 | -1 | -1 | -1 | -1 | -1 | -1                                 | -1 | -1        | -1 | -1 | -1 | -1 | -1 | -1 | -1                               | 1 | 0  | 0         | 0 | 0 | -1 | -1 | -1 |  |  |

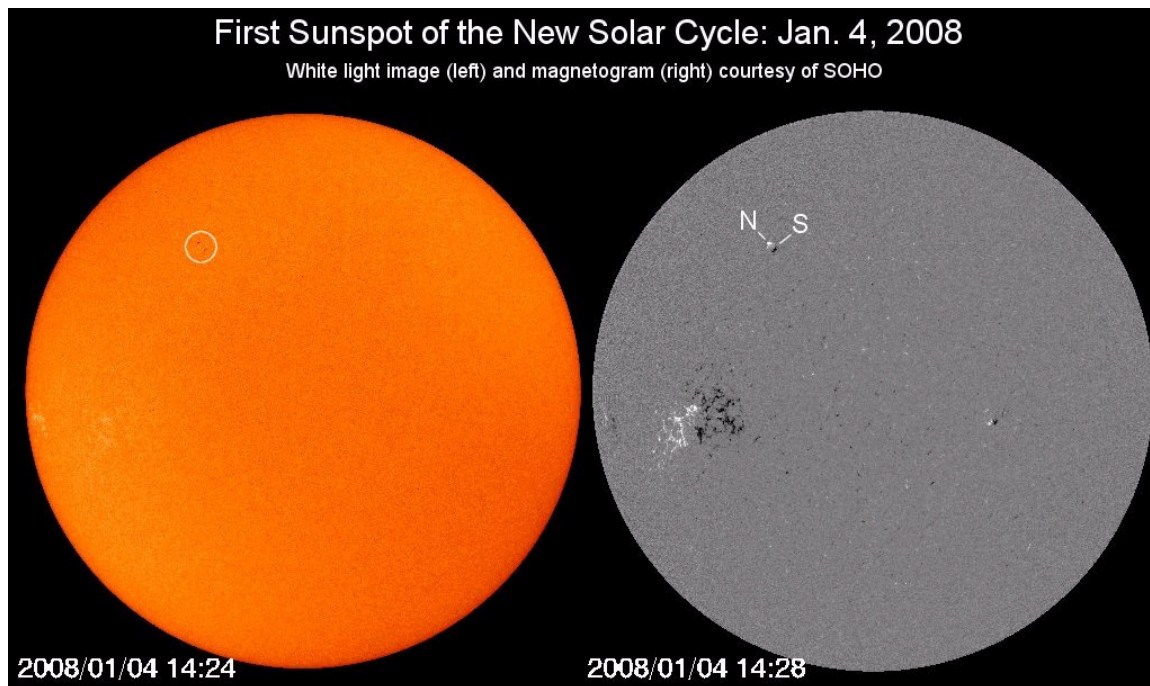
## Short term Forecast

| UTC Date    | Radio Flux<br>10.7 cm | Planetary<br>A Index | Largest<br>Kp Index |
|-------------|-----------------------|----------------------|---------------------|
| 2008 Jan 30 | 80                    | 5                    | 2                   |
| 2008 Jan 31 | 80                    | 5                    | 2                   |
| 2008 Feb 01 | 80                    | 15                   | 4                   |
| 2008 Feb 02 | 80                    | 12                   | 4                   |
| 2008 Feb 03 | 80                    | 10                   | 3                   |
| 2008 Feb 04 | 75                    | 10                   | 3                   |
| 2008 Feb 05 | 75                    | 5                    | 2                   |
| 2008 Feb 06 | 75                    | 5                    | 2                   |
| 2008 Feb 07 | 75                    | 5                    | 2                   |
| 2008 Feb 08 | 75                    | 5                    | 2                   |
| 2008 Feb 09 | 75                    | 15                   | 4                   |
| 2008 Feb 10 | 75                    | 15                   | 4                   |
| 2008 Feb 11 | 75                    | 10                   | 3                   |
| 2008 Feb 12 | 75                    | 10                   | 3                   |
| 2008 Feb 13 | 75                    | 8                    | 3                   |
| 2008 Feb 14 | 70                    | 5                    | 2                   |
| 2008 Feb 15 | 70                    | 5                    | 2                   |
| 2008 Feb 16 | 70                    | 5                    | 2                   |
| 2008 Feb 17 | 70                    | 5                    | 2                   |

# SOLAR CYCLE 24 BEGINS

A Supreme MW-DX Overachiever by Gary DeBock N7EKX

"On January 4, 2008, a reversed-polarity sunspot appeared—and this signals the start of Solar Cycle 24," says David Hathaway of the Marshall Space Flight Center.



*Above: Images of the first sunspot of Solar Cycle 24 taken by the NASA/ESA Solar and Heliospheric Observatory (SOHO).*

Solar activity waxes and wanes in 11-year cycles. Lately, we've been experiencing the low ebb, "very few flares, sunspots, or activity of any kind," says Hathaway. "Solar minimum is upon us."

The previous solar cycle, Solar Cycle 23, peaked in 2000-2002 with many furious solar storms. That cycle decayed as usual to the present quiet leaving solar physicists little to do other than wonder, when would the next cycle begin?

The answer is now.

"New solar cycles always begin with a high-latitude, reversed polarity sunspot," explains Hathaway. "Reversed polarity" means a sunspot with opposite magnetic polarity compared to sunspots from the previous solar cycle. "High-latitude" refers to the sun's grid of latitude and longitude. Old cycle spots congregate near the sun's equator. New cycle spots appear higher, around 25 or 30 degrees latitude.

The sunspot that appeared on January 4th fits both these criteria. It was high latitude (30 degrees N) and magnetically reversed. NOAA named the spot AR10981, or "sunspot 981" for short.

Sunspot 981 was small--only about as wide as Earth, which counts as small on the grand scale of the sun--and it has already faded away. But its three day appearance on Jan. 4-6 was enough to convince most solar physicists that Solar Cycle 24 is underway.

Doug Biesecker of NOAA's Space Weather Prediction Center in Boulder, Colorado, likens sunspot 981 "to the first robin of spring. There's still snow on the ground, but the seasons are changing." Last year, Biesecker chaired the Solar Cycle 24 Prediction Panel, an international group of experts from many universities and government agencies. "We predicted that Solar Cycle 24 would begin around March 2008 and it looks like we weren't far off," he says.

The onset of a new solar cycle is significant because of our increasingly space-based technological society.



*The first auroras of the new solar cycle, photographed Jan. 4, 2008, by Calvin Hall of Palmer, Alaska.*

"Solar storms can disable satellites that we depend on for weather forecasts and GPS navigation," says Hathaway. Radio bursts from solar flares can directly interfere with cell phone reception while coronal mass ejections (CMEs) hitting Earth can cause electrical power outages. "The most famous example is the Quebec outage of 1989, which left some Canadians without power for as much as six days."

Air travel can be affected, too. Every year, intercontinental flights carry thousands of passengers over Earth's poles. It's the shortest distance between, say, New York and Tokyo or Beijing and Chicago. In 1999, United Airlines made just twelve trips over the Arctic. By 2005, the number of flights had ballooned to 1,402. Other airlines report similar growth.

"Solar storms have a big effect on polar regions of our planet," says Steve Hill of the Space Weather Prediction Center. "When airplanes fly over the poles during solar storms, they can experience radio blackouts, navigation errors and computer reboots all caused by space radiation." Avoiding the poles during solar storms solves the problem, but it costs extra time, money and fuel to "take the long way around."

Now for the good news: More solar storms also means more auroras—"the greatest show on Earth." During the last solar maximum, Northern Lights were spotted as far south as Arizona, Florida and California. Not so long ago, only visitors to the Arctic regularly enjoyed auroras, but with increasing attention to space weather and constantly improving forecasts, millions of people at all latitudes will know when to go out and look.

Much of this is still years away. "Intense solar activity won't begin immediately," notes Hathaway. "Solar cycles usually take a few years to build from solar minimum (where we are now) to Solar Max, expected in 2011 or 2012."

It's a slow journey, but we're on our way.

**Strange but True:** While Solar Cycle 24 has begun, Solar Cycle 23 has not ended. Both cycles will coexist for a period of time, perhaps a year or more, as one dies down and the other comes to life. In the months ahead we may see old-cycle sunspots and new-cycle sunspots on the sun at the same time.

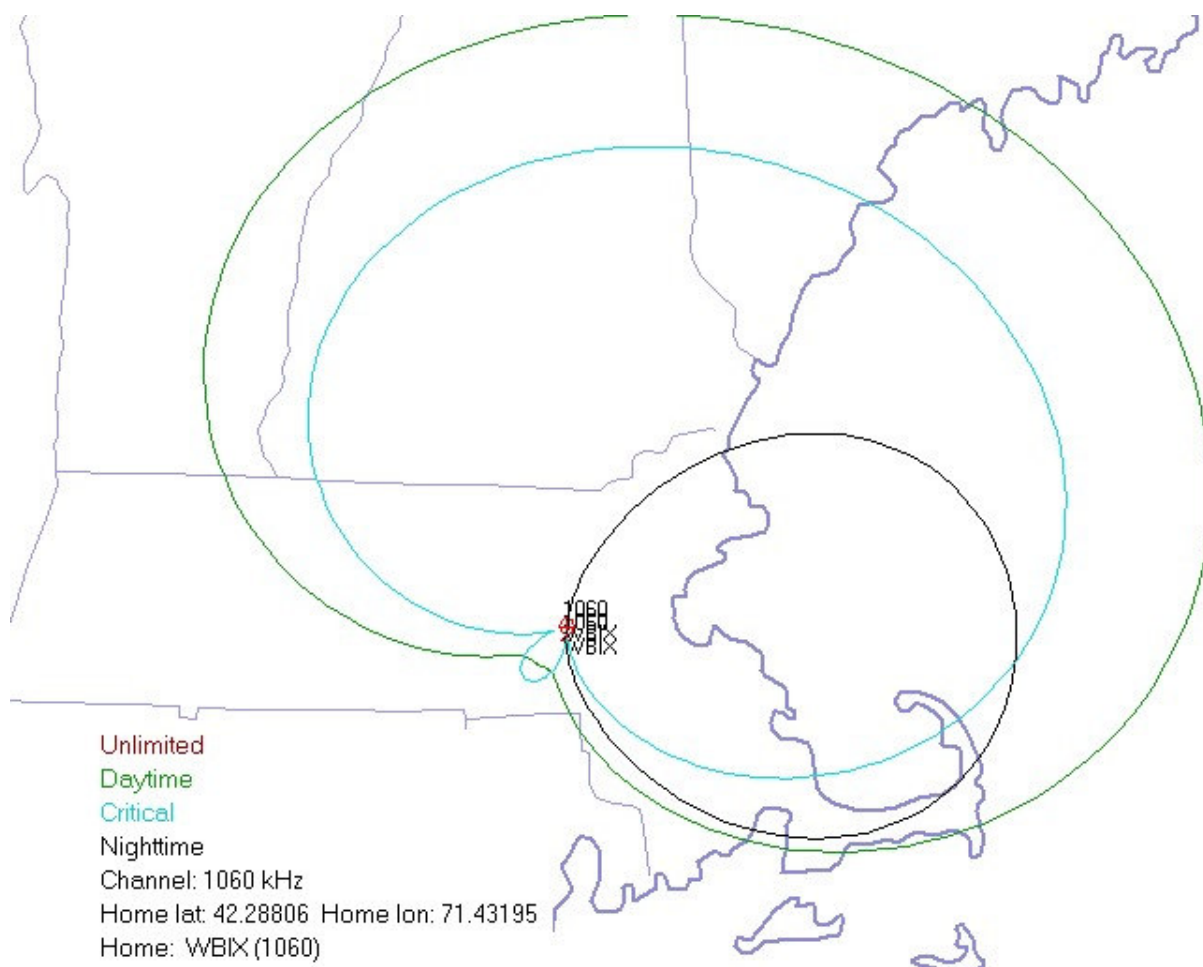
# WBIX 1060kHz DX TEST

with Jim Pogue

[KH2AR@comcast.net](mailto:KH2AR@comcast.net) [www.dxtests.info](http://www.dxtests.info)

**DATE:** Sunday morning (late Saturday night), Feb. 24, 2008. Time: Midnight -2:00 a.m. Eastern Standard Time, 0500 - 0700 UTC.

The station will conduct the test at 40,000 watts power using their two-tower daytime antenna pattern (shown as the larger green coverage pattern in the map below). Programming will include a one-hour CD of Todd Rundgren Music with Morse code, sweep tones and announcements every 10 minutes or so. The Broadcast Test Committee will be handling all reception reports and verifications for this test.



Both eQSL service and traditional paper QSLs will be offered. Recordings on disk in .mp3 or .wav format, audio files via e-mail or cassette recordings will be accepted as proof of reception. Send reception reports and recordings to: IRCA/NRC Joint BTC, Attn: WBIX DX Test, P.O. Box 3777, Memphis, TN 38173-0777 USA. E-mail reports and audio files may be sent to: [KH2AR@comcast.net](mailto:KH2AR@comcast.net).

The station is particularly interested in knowing the receiving equipment and antennas listeners use to hear the test.

NOTE: All requests for paper verifications must be accompanied by return postage in order to receive a reply. Our sincere thanks to WBIX Chief Engineer Grady Moates for agreeing to conduct this test, and to BTC member Paul B. Walker Jr. for his persistent efforts to arrange it.



# CARIBBEAN WAVESPAN

with John Williams

---

I recently had a couple of weeks cruising around the Caribbean. Yes, I did take the radio but unfortunately there was no room for my Sony 2001D – so I only had the pocket radio with analogue read out. My intention was to simply log the stations I could hear on the AM band at each port of call.

Right, lets get on the ship (Sea Princess calling at different Islands mainly in the Western and Southern Caribbean.) (all times UTC):

**GRAND CAYMAN** was the first stop. No local stations on the band here – but a few heard  
1520 kHz WYMM Jacksonville FL. Heard with religion “Right here on Cocoa Beach” 1310 18/11  
1400 kHz Harbour Light of the Windwards Carriacou. Religious programming. 1311 18/11

**ARUBA** 2 stations listed here with 1320 kHz said to broadcast intermittently according to WRTH:  
1270 kHz ID “Aruba Star 107” A mixture of SS/EE/DD talk 2130 20/11  
1320 kHz Playing DD songs sung by children. DD/SS talk no Id at top of the hour. 2100 20/11

## **GRENADA**

535 kHz “GBN Radio World News Headlines” then into BBC News 1200 23/11



## **BARBADOS**

900 kHz “On 95.7 and 900 AM this is CBC” Ad for Barbadian Cricket. 2204 24/11

## **ANTIGUA**

1160 kHz “This is the Caribbean Lighthouse on 1160AM. It’s six o’clock” 2201 26/11

## **ST. THOMAS**

WDHP 1620 kHz “1620 AM Across the Caribbean” 1020 28/11

WSTA 1340 kHz “This is WSTA 13-40 US Virgin Isles” 1030 28/11

WSTX 970 kHz “9-70 your local station in St Croix” 1242 28/11

WGOD 1090 kHz “Here on WGod” Religious songs 1244 28/11



## **JAMAICA**

550/700 kHz “This is National Radio 1344 2/12 (The Boat docked in Montego Bay Jamaica – no other Jamaican stations heard from this location)

**GRAND TURK:** Off Grand Turk heard the following:

1500 kHz WWWT Washington “3WT on 1500 and 107.7” 2308 29/11

1010 kHz WINS New York “WINS News time 1146” 0446 30/11 NY is about 1400 miles away. A sea path clearly helps!

# PARKA DX

with Ben Korbeek en Evert van Beek

---

2nd DX-Expedition Parkalompolo by Ben Korbeek en Evert van Beek 7-21 January-2008

Coördinates: 67°43'59N 22°51'00E

(130 km North of the Polar Circle)



*Evert & Ben*

As our first trip in 2006 was very satisfying, we decide to go again up North for the great DX.

For me (Ben) this is also a way of undergoing the pleasure of travelling and also experiencing real winter.

After a tiring trip (3 flights, first from Amsterdam to Copenhagen, then Stockholm, then Kiruna) and arriving at about 21.00 hours, we had to travel another 2½ hours to our final destination by hired car. After midnight we arrived at the old school in Parka again. The school was abandoned as a school in 1982 and is now the home of the local soccer club – with the most Nordic soccer field in the world. In winter it is the home of the DX-people of the Swedish DX-club (SDXF).

Technically it's very fine equipped with 7 beverages pointing in different directions and splitters and amplifiers that make it possible to listen on all antennas with 8 persons at the same time.

It was really winter up there, not very cold but with a lot of snow (when we left it was about 60 cm in height).



*The DX Nerve Centre (The old school building)*

Conditions were ‘average to mediocre’ but for us coming from the Netherlands it was a DX-party again. That is: listening for DX around the clock! Normally we heard Alaska coming through the whole day (very quiet reception around noon) and also the big ones from the West Coast CAN/USA came booming in. The smaller ones were more difficult to catch. In the afternoon Asia (English lessons on Tokyo station NHK). At night especially South America came on the dial...Argentina and Brazil.

Not much of Hawaii this time. The A-index was 20 at times, which we could hear as a crackling noise on some beverages.

Life is simple over there. Sleeping, listening and eating and sometimes doing shopping in the supermarket 30 km away in Kangos.

When conditions were really ‘off’ one day we went to the airfield of Pajala to see if we could make a picture of the NDB. An employee of the airport took us to the antenna about 5 km from the airport hidden in the woods (on a small hill).

It was possible to hear the Morse code PAJ through the door.

### **The Equipment:**

Evert used the well known Lowe 225 and a small portable to scan the FM-band for local stations (it has RDS).

I'm using the Winradio 313E and the AOR7030. I really enjoyed that combination, because it makes 'multitasking' possible. That means: having all sorts of frequency lists on hand, being able to look at Geoclock and making recordings easily. I think the synchronous detector of the Winradio works very well.



*Multi-tasking!*

## Finally

According to my opinion it's one of the best DX-sites in the world. It's comfortable with a lot of space and good heating. From magnetron to washing machine is available, antennas are top of the bill and you can listen all day.

There are not many places so comfortable above the polar circle except for Scandinavia. And when one loves winter landscape it's even more attractive.

For me this makes it worth while to save money and go again one day. See for loggings (also of the other expeditions): <http://www.furuogrund.se/pax/PAX/pax.htm>

Back home again we can listen to all the recordings and making reception reports. I (Ben) heard 102 TA stations, Evert also this amount alongside 550 NDB's.

Ben/Evert.

# JAMMING THE GERMANS

with Ken Lansdowne

via BBC Memoryshare

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In the latter years of World War 2 I joined the BBC as a 'Youth in Transmitters' at Brookmans Park. I was shown round the control room and, having a keen interest in electronics, I was soon familiar with the amplifiers and peak programme meters. One instrument in the control room mystified me. It was labelled 'Noise Generator', and its finish was not up to the usual BBC standard.

I asked various engineers what its function was, and was told the following: If the Germans captured a UK broadcasting station either by invasion or by a commando-type raid, they could cause chaos by transmitting false information or instructions to the population - as we did to the Germans by the Aspidistra transmitter. To prevent this, if a station was captured, other BBC stations would change frequency, sit on the captured station and jam it. The jamming noise was produced by the device labelled 'Noise Generator'.

The device was switched on for my benefit, the 'on' switch being operated by a key which was kept in a secure place. The sound it produced was a rhythmic wailing noise which no doubt would have been most effective in jamming the subversive programme. All the medium wave transmitters were equipped with a noise generator, made no doubt in a hurry in 1940 when invasion was believed to be imminent.

I was warned that this was most secret, and that if I disclosed the fact that the BBC had a jamming network there would be dire consequences.

It was many years after the war before I mentioned it, and the people to whom I spoke flatly denied it had ever existed.

There the matter rested until just before I retired, when I was asked to look through a pile of handwritten documents prior to them being shredded, and to my astonishment I found the circuit of the Noise Generator. The circuit design was simple but clever, and the date of the plans, June 3 1940, is significant. The Low Countries had been invaded, and France was capitulating. The prospects for Britain were very bleak, and these devices were obviously designed and made in a great hurry.

The designer was C.G. Mayo, who was a very brilliant engineer who worked as I did in Research Department at Kingswood Warren. He never mentioned his wartime work, and by the time I found his design he had died. What a pity - it would have been fascinating to know the background to the installation of the network. Such a network would have to be authorised at a high level, and no doubt the minutes of such authorising will be gathering dust somewhere in the BBC archives.

I have an interest in old valve equipment, and working from the circuit using the same valves and components I have built a precise replica of the unit. When I switched it on it produced exactly the same sound I remembered from sixty years before. I have now passed this on to the BBC Heritage Collection.

This memory was submitted to the Memoryshare web service by the BBC Heritage Team on behalf of Ken Lansdowne. BBC Heritage on behalf of memory of 01/01/1940 - 30/12/1940.

Does this trigger any thoughts amongst MWC readers? Can you add to this?

# UGANDA DX-PEDITION

with Stefan Schliephacke

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Back in August last year my wife, who is Ugandan-born and me decided to make a trip to Kampala meeting the family and travel a bit. After having done radio listening from locations in several countries already, I also was keen to experience the MW reception conditions when in East Africa.

Having checked the hotel prices over there, we quickly came to the conclusion to better invest the money in building a small house instead. Land was available, a 120 x 150 sqm area about 20km south-west of Kampala. Constructing a house in just about 4 ½ months seemed to be tough to say the least and would have been almost impossible when talking of Germany. Anyway, by the beginning of December it turned out, that the building (sized about 120 sqm) itself was about to be finished, but all indoor facilities were still missing. My wife went to Kampala by December 20th for issue solving and me I joined one week later. The problem of missing water facilities could be solved meanwhile as several other things as well. The biggest issue however was missing electricity connection! Dealing with the local authorities in that regard was a real mess and even money offered what helps in most of the countries outside Europe would not have cured the problem in time and without electricity all my plans for radio listening would have been gone obviously. Therefore I decided to take electricity from a neighbour's house situated in a distance of about a 100m. The cable had to be underground as a little road was crossing the area. Thankfully the neighbour in question agreed after some explanation of what was required.

Finally when everything was sorted out, time was limited because I did plan to start with listening around December 30 but electricity supply and set-up of the aerials lasted until January 4th, a pity because just one week of time remained! As I did expect such problems which always occur when one goes after DX in third world countries locations and because of the limited time, I decided to go after simple wires which I just laid on the ground and fed them directly into the house through a ventilator hole in the wall. Laying wires just on the ground works out for the MW but not necessarily for short wave reception. The effort to talk to neighbours in that rural area in order to use there land for antenna erection was not made as well for this first trip to Uganda and lengths of aerials were restricted by the size of the own land available therefore. I used the following antennas:

## Antennas

|   |             |             |
|---|-------------|-------------|
| Main direction 020 degrees / back 200 degrees | length 060m | until 06/01 |
| Main direction 055 degrees / back 235 degrees | length 080m | from 07/01  |
| Main direction 080 degrees / back 260 degrees | length 100m |             |
| Main direction 100 degrees / back 280 degrees | length 110m |             |
| Main direction 290 degrees / back 110 degrees | length 060m |             |
| Main direction 330 degrees / back 150 degrees | length 060m |             |

These aerials covered the eastern, northern and western directions, but what I really missed would have been two aerials pointing towards south and south-west, South Africa and Angola respectively with there main directions.

## Goals

For this trip I had the following interests (in that order)

- listening to countries I did not have confirmed at all (Comores, Gambia, Gibraltar. Maldives, Mayotte, Seychelles)
- those few Africans I got confirmed on SW only

- situation regarding the medium wave stations in Nigeria (listed 35) and Angola (listed 20)
- identify those stations from Africa which are inactive obviously
- listen to stations from Asia, I hoped for locals from Indonesia, Malaysia and the Philippines
- to learn about propagation of stations from Europe

Less of interest was the western hemisphere as these stations can be picked up more easily when in Northern Europe.

## Reception situation in general

Local sun set in Uganda is at 19.15h / 16.15h UTC resp. and fade in of stations starts around UTC 14.30h. Having electricity in place it turned out however, that the power was at very low level in the whole area and voltage for my AOR was just not enough from around 19.15h until 23.15h local time due to local power consumption from neighbouring houses. Consequently I had to interrupt my listening activities and start again later. Generally the band looks less crowded compared to Europe.

The main pest are the Arabs. Being in Uganda I realised what a huge amount of transmitters broadcast from these countries, most of them being on 24h schedules nowadays unfortunately. While north-west Africans did not cause so many problems, stations from Sudan and Egypt are very strong even those having 5 or less kilowatts of power. Also Saudi-Arabia gets through very well and almost of these stations are being heard.

After the sign off of the stations from Kenia, Tanzania and Uganda at 21.00h / 21.10h UTC I started to go after West and South Africa but with limited results unfortunately. After 23.00h only few Africans remain and stations from the Middle East show up on lots of frequencies. I was surprised that Pakistan and India had not been heard but this might have resulted from conditions and the relatively short aeriels.

From late evening and through the night Europe was audible astonishingly good. I logged some of them only. Especially Spain and France showed up with most of there frequencies and had stable and strong signals. I mentioned a couple of these stations in the log section. I would wish the opposite way when in Europe would look the same, hihi. During the night lots of stations from South America showed up on about 30 channels, mostly weak, some quite strong but I did not pay attention to it. Local sunrise takes place at 06.15h / 03.15h UTC resp. and propagation lasted until around 08.30h / 05.30h UTC.

## Local and atmospheric noise

What I expected to occur in regards of local noise caused from electricity lines did not occur at all surprisingly. Even with the poor antenna set-up, there was no noise pick-up. One has to take in count however, that usage of electronic devises is at a low level and in these rural areas not many people can afford technical equipment like washing machines etc. etc. at all.

Atmospheric noise however was there all the time. This was in a specific way a miracle because the trip was planned during the hottest and driest time of the year. Local people were very happy when it rained because water often has to be transported for some kilometers to the houses or purchased at high prices (about EUR 40,00 for 5000 liters). QRN level was that high, that listening was impossible for one night and two afternoons. I was told that rain and thunderstorm during that period of the year are very uncommon and local people also wondered about it.

## Information contained in the log section

I used the normal sorting and added a column showing the antenna used. For Uganda and the neighbouring countries I stated INACTIVE for those stations being silent. Stations from other countries with relatively high powers not being audible had been marked with presumably INACTIVE.

| Freq | Ant   | Station / Details  | Qual.           | Time | Date  | OM |
|------|-------|--|-----------------|------|-------|----|
| 0531 | 100   | R Tanzania, Kunduchi, Sw GS //others   | good            | 0345 | 06/01 | SS |
| 0540 | 100   | KBC Voj, Sw GS //others  | good            | 1554 | 05/01 | SS |
| 0540 | xxx   | RTM Bamako, tried daily, I presume this 50 kW  | <b>INACTIVE</b> |      |       |    |
| 0558 | 330   | MBC 1 Karonga, Chichewa long px abt Ruanda, 2214 E Id, NA  | weak            | 2140 | 04/01 | SS |
| 0558 | 100   | KBC Kapsimotwa (Kisumu), vn own px, Id, phone-in   | f gks           | 2030 | 09/01 | SS |
| 0567 | 100   | KBC Garissa, Sw GS //1134  | exc             | 2038 | 04/01 | SS |
| 0567 | 055   | Syrian R Damascus, when phased, weak signal north east, ARS?   | good            | 2345 | 07/01 | SS |
| 0576 | xxx   | R Uganda, Magawa, Blue Network   | <b>INACTIVE</b> |      |       |    |
| 0576 | 055   | VOIRI Abadan, A FS not listed here //1224 (good)   |                 |      |       |    |
| 0576 | 330   | R Renascenca, Braga //594  | good            | 2133 | 09/01 | SS |
| 0585 | 100   | R Tanzania Zanzibar, NA, off, RNE underneath   | good            | 2058 | 04/01 | SS |
| 0594 | 080   | R Ethiopia, Bahir Dar, Amharic //others, ARS QRM   | fair            | 1532 | 05/01 | SS |
| 0594 | 330   | R Renascenca, Muge //576   | weak            | 2135 | 09/01 | SS |
| 0603 | 055   | CBC Nicosia //Paphos 918 Limassol Greek songs  | good            | 0010 | 10/01 | SS |
| 0603 | 100   | R Tanzania, Dodoma, Sw GS //others   | fair            | 0346 | 06/01 | SS |
| 0612 | 100   | KBC Ngong, Sw GS //others  | good            | 1555 | 05/01 | SS |
| 0621 | 290   | RNE Sta. Cruz, Tenerife pres //585   | fair            | 2107 | 04/01 | SS |
| 0630 | 020   | R Rom.Actualitate, Timisoara//855  | vy g            | 0308 | 07/01 | SS |
| 0630 | 330   | Antena 1, var. P //720   | f gpk           | 2305 | 07/01 | SS |
| 0630 | 100   | RTM Tananarivo, 150kW not audible  | <b>INACTIVE</b> |      |       |    |
| 0639 | xxx   | R Uganda, Kampala, Blue Network  | <b>INACTIVE</b> |      |       |    |
| 0639 | 100   | KBC Garissa, E GS  | <b>INACTIVE</b> |      |       |    |
| 0639 | 055   | BBC Zyyi E WS //SW   | good            | 0300 | 08/01 | SS |
| 0648 | 100   | R Tanzania, Nachingwea, Sw GS //others   | fair            | 0347 | 06/01 | SS |
| 0648 | 020   | BSKSA Jeddah //1521  | good            | 2130 | 04/01 | SS |
| 0657 | 055   | BSKSA Rafha//1512, 657, Reshet B She-at Yeshuf underneath  | good            | 0023 | 08/01 | SS |
| 0657 | 100   | R Tanzania Kunduchi Sw songs //others  | exc             | 0243 | 06/01 | SS |
| 0675 | 330   | MBC 1 Ekwendeni, Chichewa long px abt Ruanda 2214 E Id, NA   | f gpk           | 2143 |       |    |
|      | 04/01 | SS   |                 |      |       |    |
| 0675 | 100   | KBC Marabit, Sw GS //others  | good            | 1555 | 05/01 | SS |
| 0684 | 080   | R Ethiopia, Metu, Amharic //others   | fair            | 1532 | 05/01 | SS |
| 0684 | 330   | R Tunis, Mednine //630 weak  | f gpk           | 2348 | 07/01 | SS |
| 0690 | 330   | R Jamahiriyah, unknown site //675  | weak            | 2235 | 04/01 | SS |
| 0693 | 055   | IRIB Minab, Farsi instr. Mx //others   | w fpks          | 0120 | 10/01 | SS |
| 0693 | 330   | Southern Sudan R, E px, Id, nx, public msgs, Id, local song  | fair            | 1430 | 07/01 | SS |
| 0693 | xxx   | nice DRM from VoR G pres on all ant, 330 had Spain in addition   | good            | 2238 | 04/01 | SS |
| 0702 | 100   | KBC Marania, Sw GS //others  | good            | 1556 | 05/01 | SS |
| 0711 | 100   | R Tanzania, Kigoma, Sw GS //others   | fair            | 0348 | 06/01 | SS |
| 0711 | 330   | DRM, who?  | F gpk           | 0448 | 10/01 | SS |
| 0720 | 100   | R Tanzania, Mwanza, Sw GS //others   | good            | 0346 | 06/01 | SS |
| 0729 | 100   | R Uganda, Butebo,Red Network IRREGULAR not every day   | good            | 1130 | 06/01 | SS |
| 0738 | 055   | IRIB Tabas (listed) or Dayyer (WRTH), Farsi nx //others  | good            | 0231 | 10/01 | SS |
| 0747 | xxx   | R Bourkina Faso, tried so often but presume INACTIVE   |                 |      |       |    |
| 0747 | 020   | R Bulgaria, Serb folk mx, SYR in the background  | good            | 2242 | 04/01 | SS |
| 0747 | 100   | KBC Ngong, E GS //others   | good            | 1600 | 05/01 | SS |
| 0756 | 100   | Borno R Corp., Maiduguri, E pop, jingle "Borno R" 2255 nx, off w/out NA, no sign from the two other NIGs listed on 756 | weak            | 2250 | 04/01 | SS |



|      |     |   |                  |      |       |    |
|------|-----|---|------------------|------|-------|----|
| 0756 | 330 | MBC 1 Blantyre, Chichewa long px abt Ruanda 2214 E Id, NA   | weak             | 2147 | 04/01 | SS |
| 0765 | 080 | R Omdurman //1296   | fair             | 0440 | 07/01 | SS |
| 0783 | 330 | R Mauretanie, Nouakchott //4845 (Barcelona had to be phased)  | fair             | 2320 | 04/01 | SS |
|      | xxx | R Uganda, Bobi, Red Network   | <b>INACTIVE</b>  |      |       |    |
| 0810 | 330 | MBC 1 Bangula, Chichewa long px abt Ruanda 2214 E Id, NA  | weak             | 2150 | 04/01 | SS |
| 0828 | 055 | IRIB Tabas, Farsi //1503  | fair             | 0001 | 10/01 | SS |
| 0828 | 080 | R Ethiopia, Arba Minch, Amharic //others  | good             | 1535 | 05/01 | SS |
| 0837 | 100 | R Tanzania, Kunduchi, 1 kW only, not audible  |                  |      |       |    |
| 0837 | 080 | R Eritrea, Asmara, s/on, IS+Ids, from 04h Px 2 //7175<br>(listed s/on is 0330)                          | w fpks           | 0356 | 06/01 | SS |
| 0846 | 055 | RAI Rome and no sign from AFS   | good             | 2340 | 07/01 | SS |
| 0855 | 020 | R Rom.Actualitate, Bucuresti//630   | weak             | 0310 | 07/01 | SS |
| 0855 | 080 | R Ethiopia, Harar, Amharic //others, active while listed inactive                                       | weak             | 1537 | 05/01 | SS |
| 0873 | 080 | R Ethiopia, Addis, Amharic //others   | good             | 1540 | 05/01 | SS |
| 0846 | 100 | KBC Nyamnina, Sw GS //others  | good             | 1556 | 05/01 | SS |
| 0882 | 055 | BSKSA Damman//1512, 657, Reshet underneath  | exc              | 0020 | 08/01 | SS |
| 0882 | 100 | KBC Kitale, Sw GS //others  | good             | 1558 | 05/01 | SS |
| 0891 | 055 | LNBS Maseru, vn phone-in, African chorus songs, Id  | f gpks           | 0114 | 10/01 | SS |
| 0891 | 055 | TRT Antalya //others (to be phased for LSO reception)   | f pks            | 0115 | 10/01 | SS |
| 0891 | 055 | IRIB Yasuj, Farsi //others fading in and out  | weak             | 0120 | 10/01 | SS |
| 0900 | 100 | KBC Marania, E GS //others  | good             | 1602 | 05/01 | SS |
| 0909 | 080 | R Uganda, Kampala +729 irregular / all other stns silent!   | Exc              | 1550 | 05/01 | SS |
| 0918 | 055 | CBC Paphos //603 Nicosia Greek songs  | w fpk            | 0012 | 10/01 | SS |
| 0927 | 100 | KBC Malindi, Sw GS //others   | good             | 1553 | 05/01 | SS |
| 0945 | 055 | R Sao Tome, Pinheira, P slow songs, “em sintonia Sao Tome”<br>and “Radio Nacional”, France to be phased | f gpks           | 0035 | 10/01 | SS |
| 0945 | 330 | FI Toulouse, //various  | good             | 0036 | 10/01 | SS |
| 0945 | 055 | BSKSA 2 Hall //1089   | weak             | 0047 | 10/01 | SS |
| 0945 | 080 | R Eritrea, Asmara, s/on, IS+Ids, from 04h Px 1 //7100<br>(listed s/on is 0330)                          | w fpks           | 0350 | 06/01 | SS |
| 0954 | 055 | QBS Doha, A just Id under heavy QRN   | weak             | 0030 | 09/01 | SS |
| 0954 | 100 | KBC Nymnina, E GS //1107, irregular broadcasts  | good             | 0513 | 04/01 | SS |
| 0963 | 080 | R Kuwait, A //1134  | fair             | 0022 | 07/01 | SS |
| 0963 | 055 | Peace R, Khartoum, A tlk, ID , no SW// at present   | good             | 1910 | 08/01 | SS |
| 0972 | 080 | R Ethiopia, Robe, Amharic //others  | good             | 1540 | 05/01 | SS |
| 0972 | 080 | R Aap di Dunyaa, Orzu //1539, QRM Spain   | fair             | 2259 | 06/01 | SS |
| 0981 | 100 | KBC Voj, E GS //others  | fair             | 1603 | 05/01 | SS |
| 0990 | 100 | R Tanzania, Songea, Sw GS //others  | good             | 0352 | 06/01 | SS |
| 0990 | 055 | R Sawa Cape Greco, A Id, nx, comments //1170, xmtr 180 degr.  | good             | 0350 | 06/01 | SS |
| 0999 | xxx | R Uganda, Kabale, Blue Network  | <b>INACTIVE</b>  |      |       |    |
| 1008 | 290 | SER Las Palmas, S “Cadena SER”, no prop to Spain at that time   | weak             | 1600 | 08/01 | SS |
| 1017 | 080 | SWR G anns, E song  | weak             | 2313 | 06/01 | SS |
| 1026 | 330 | Sudan R Al-Damazin, A songs, loc Id by 2 OM simultaneously  | fair             | 0418 | 10/01 | SS |
| 1035 | 100 | R Tanzania, Kunduchi, E GS  | <b>INACTIVE?</b> |      |       |    |
| 1044 | 080 | R Ethiopia, Mekele, reported in EU but <b>INACTIVE</b> at present                                       |                  |      |       |    |
| 1044 | 100 | KBC Malindi, E GS //others  | good             | 1604 | 05/01 | SS |
| 1080 | 055 | R Fana, Addis //6110, 7210 listed 3kW, pres.stronger  | good             | 0330 | 08/01 | SS |
| 1080 | 080 | IRIB Mashahr, Farsi in daylight, amazing 2 1/2h after sunrise   | weak             | 0505 | 04/01 | SS |
| 1088 | 020 | RNA Mulvenos//945 (fair),<br>played song abt RNA “R Nac – primera banda”, thought jingle only first     | fair             | 2320 | 06/01 | SS |
| 1089 | 080 | BSKSA 2 Qurrayat, A songs, TS, Id, nx//1098 unknown site(fair)  | fair             | 2350 | 06/01 | SS |
| 1098 | 055 | VOIRI Zabol, Urdu px by OM ment IRN   | good             | 1550 | 08/01 | SS |
| 1107 | 100 | KBC Maralal, E GS //1152  | fair             | 0500 | 04/01 | SS |
| 1116 | 080 | R Djibouti, //4780 daylight! stable until 0515h groundwave?   | Vy w             | 0452 | 04/01 | SS |
| 1134 | 100 | KBC Kitale, Sw GS //1233  | good             | 0447 | 04/01 | SS |

|        |      |  |                 |      |       |    |
|--------|------|--|-----------------|------|-------|----|
| 1134   | 080  | CNR1 var.sites //4800, Croatia QRM   | f gpk           | 2252 | 06/01 | SS |
| 1134   | 080  | R Kuwait, A OM rpt, Id   | f gpk           | 0018 | 07/01 | SS |
| 1140   | 290  | UNID Bras P YL anns, light song  | weak            | 0024 | 07/01 | SS |
| 1152   | 100  | KBC Wajir, Sw GS //1233  | good            | 0442 | 04/01 | SS |
| 1152   | 100! | RNE R5 var.sites, S daylight, 330 degrees worse!   | Weak            | 0444 | 04/01 | SS |
| 1170   | 055  | VoR Minsk, R Id when looking for AGL   | good            | 0400 | 09/01 | SS |
| 1179   | 330! | R Mocambique Zambezia (Qelimane), P "ultima Jornal", Id, NA  | f gpk           | 2151 | 07/01 | SS |
| 1188   | 055  | R Payam, Tehran, non-stop instr. mx, Id at 0000  | good            | 2350 | 07/01 | SS |
| 1196,9 | 055  | EP da Malanje pres, P anns, instr. mx, to weak for more  | vy w            | 2255 | 09/01 | SS |
| 1197   | 055  | Egyptian R Alexandria, A loc Id, Quran, no sign from LSO   | f gpk           | 2159 | 09/01 | SS |
| 1197   | 330  | Family R Maseru, E usual WYFR px, Id, addr   | weak            | 2228 | 04/01 | SS |
| 1197   | 330  | Virgin R //1215 struggling with Family R   | fair            | 2238 | 07/01 | SS |
| 1197   | 100  | UNID IS repeated again and again 2302 – 0100h  | f gpk           | 2302 | daily | SS |
| 1200   | 055  | EP da Benguela, P slow songs+YL anns, rel.px 2342, Id, off w/out NA at 2300h, B stn and pres ARG on same channel | f gpk           | 2207 | 07/01 | SS |
| 1215   | 100  | R Tanzania, Arusha, Sw Id, Malaria, ads  | good            | 0410 | 04/01 | SS |
| 1215   | 055  | BSKSA unknown site //1521  | weak            | 1515 | 08/01 | SS |
| 1224   | 020  | R Bulgaria, Bulg. greyline reception   | fair            | 0407 | 04/01 | SS |
| 1224   | 080  | VOIRI Kermanshar //7350  | good            | 0406 | 04/01 | SS |
| 1233   | 055  | TWR Cape Greco, IS A www.arabicprogramme.com KBC QRM   | good            | 0253 | 10/01 | SS |
| 1233   | 100  | KBC Marsabit, E GS //1134  | good            | 0350 | 04/01 | SS |
| 1233   | 055  | RMC Doualiya, A nx, corr rpt, Id, KBC QRM  | good            | 0405 | 09/01 | SS |
| 1251   | 055  | IRIB Sari //others   | weak            | 1510 | 08/01 | SS |
| 1260   | 100  | R Moc.Niassa, Lichinga, P 6 min birthday greetings, Ids, loc px  | good            | 0330 | 04/01 | SS |
| 1260   | 080  | BSKSA Damman, A GS//1512   | fair            | 0240 | 06/01 | SS |
| 1269   | 100  | KBC Ngong, vn px nx, part NA, Id   | fair            | 0405 | 08/01 | SS |
| 1269   | 080  | R Kuwait, A mx channel, UAE not audible  | fair            | 0322 | 04/01 | SS |
| 1269   | 080  | R Asia, Ras-al-Khaiman, Mayalaam pres, songs, Id, not//1539!   | weak            | 0235 | 06/01 | SS |
| 1278   | 080  | IRIB Kermanshahr //various   | w / f           | 0320 | 04/01 | SS |
| 1278   | 055  | FI Strassbourg //1557  | good            | 2233 | 07/01 | SS |
| 1280   | 290  | R Tupi pres, P OM rpt  | weak            | 0318 | 04/01 | SS |
| 1296   | 020  | R Omdurman, A comments, Ids  | good            | 0315 | 04/01 | SS |
| 1296   | 055  | R Free Afghanistan, Dari YL rpts under SDN   | weak            | 1545 | 07/01 | SS |
| 1305   | 100  | KBC Wajir, E GS, Nairobi Id, Hiphop  | good            | 0312 | 04/01 | SS |
| 1314   | 020  | R Romania Act, Rom var sites //1332 (fair)   | fair            | 0308 | 04/01 | SS |
| 1314   | 055  | IRIB Ardabil //others  | f gpk           | 1543 | 07/01 | SS |
| 1314   | 055  | Golos Rossii, Gavar, R nx, Id, songs   | fair            | 2101 | 08/01 | SS |
| 1323   | 055  | BBC Zyyi, E Id, sign off   | fair            | 2259 | 08/01 | SS |
| 1323   | 100  | R One, Moshi (TZA), Swahili non-stop pop, Id   | good            | 0147 | 04/01 | SS |
| 1332   | 055  | IRIB Tehran not //others, own px   | fair            | 1541 | 07/01 | SS |
| 1340   | 290  | UNID Bras P OM anns, instr. mx   | weak            | 0226 | 06/01 | SS |
| 1341   | 020  | Magyar Kat. R, Hung. Rel px  | fair            | 0252 | 04/01 | SS |
| 1341   | 055  | Egyptian R various // 819 (weak!), QRM KWT pres  | fair            | 1539 | 07/01 | SS |
| 1350   | 290  | UNID Bras, P talk by OM  | fair            | 0250 | 04/01 | SS |
| 1350   | 055  | Egyptian R Quseir // 819 (weak!)   | good            | 1536 | 07/01 | SS |
| 1359   | 330  | RNE Madrid, S OM talk, song  | fair            | 0247 | 04/01 | SS |
| 1368   | 080  | Galei Zahal, Negev, Hebr //1287  | fair            | 0255 | 04/01 | SS |
| 1368   | 080  | IRIB Sari //1503, nothing from SEY at s/on, nothing afternoon  | fair            | 0159 | 04/01 | SS |
| 1368   | xxx  | R Seychelles, checked all times but presume  | <b>INACTIVE</b> |      |       |    |
| 1370   | 290  | UNID Bras, P songs, every night  | weak            | 0242 | 04/01 | SS |
| 1377   | 330  | FI Lille, F //1557   | fair            | 0240 | 04/01 | SS |
| 1377   | 080  | CNR1 Henna //4800 + 1359 (fair)  | good            | 1532 | 07/01 | SS |
| 1377   | 055  | VoR Gavar, R //SW  | good            | 2140 | 09/01 | SS |
| 1386   | 100  | KBC Maralal, Sw GS //1134  | good            | 0239 | 04/01 | SS |
| 1386   | 055  | CRI via Baltic Waves, E //SW   | good            | 2115 | 09/01 | SS |

|      |      |  |                 |      |       |    |
|------|------|--|-----------------|------|-------|----|
| 1395 | 330  | Big L, E pop, Id   | f gpks          | 0236 | 04/01 | SS |
| 1395 | 020  | TWR Cerrick, IS  | good            | 2030 | 04/01 | SS |
| 1400 | 290  | Harbour Light, Grenada, E Gospel mx, Id  | fair            | 0225 | 04/01 | SS |
| 1404 | 055  | EP do Bie, P R Nacional Id but not// Px 'A', later px in loc lang QRM F, MWI, ROM    | weak            | 0415 | 10/01 | SS |
| 1404 | 055  | Galei Tzahal, Jerusalem, Hebr //1287   | weak            | 1521 | 07/01 | SS |
| 1404 | 330  | MBC 1 Chitipa, Chichewa long px abt Ruanda 2214 E Id, NA                             | weak            | 2152 | 04/01 | SS |
| 1413 | 020  | CRI Grigoripol, R px, nx   | f gpk           | 1602 | 04/01 | SS |
| 1413 | 080  | BBC Oman E WS //SW   | good            | 0221 | 04/01 | SS |
| 1422 | 055  | IRIB Bakhtaran, Farsi //1503   | fair            | 1517 | 07/01 | SS |
| 1422 | 330  | MBC 1 Matiya, Chichewa long px abt Ruanda 2214 E Id, NA                              | weak            | 2155 | 04/01 | SS |
| 1431 | 080  | R Sawa. Jibouti, A YL nx, IRN QRM  | good            | 0215 | 04/01 | SS |
| 1431 | 080  | VoA Jibouti, Somali px. Id, VoR UKR QRM  | good            | 1600 | 04/01 | SS |
| 1431 | 055  | VoR Kopani, R YL anns, Russian songs //SWs   | f pks           | 1605 | 07/01 | SS |
| 1440 | 100  | R One, Dar-es-Salaam, E non-stop pop, ID not//1323+LUX DRM                           | good            | 0145 | 04/01 | SS |
| 1449 | 055  | VOIRI Turkmen px, YL rpt   | fair            | 1511 | 07/01 | SS |
| 1458 | 330  | Sunrise R, Ldn usual mx, Id  | f gpks          | 0140 | 04/01 | SS |
| 1458 | 100  | R Mayotte, F pres RFI 0140 Quran, 02h "R Mayotte", F nx                              | w fpks          | 0135 | 06/01 | SS |
| 1458 | 055  | R Rom Actualitate, Constanza //855   | f gpks          | 0000 | 08/01 | SS |
| 1467 | 080  | IRIB Isfahan //1476  | good            | 0137 | 04/01 | SS |
| 1476 | 055  | Lamphun, Thailand, vn tlk, tribal song   | weak            | 1506 | 07/01 | SS |
| 1476 | 080  | IRIB Marivan //1503  | fair            | 0132 | 04/01 | SS |
| 1480 | 290  | UNID SAm, S rel mx, stable but to weak   | vy w            | 0123 | 04/01 | SS |
| 1485 | xxx  | R Uganda, Arua, Blue Network   | <b>INACTIVE</b> |      |       |    |
| 1485 | 330  | SER var sites, S talk  | w fpk           | 0120 | 04/01 | SS |
| 1485 | 055  | Sudan R Al-Gadarif, A Id, Quran, nx  | wfpk            | 0353 | 10/01 | SS |
| 1485 | 100  | EGY R, 2 sites, no loc Id  | w fpk           | 1540 | 04/01 | SS |
| 1494 | 330  | France Inter var. sites //1557   | weak            | 0117 | 04/01 | SS |
| 1503 | 330  | RNE 5 var sites, S talk, Id, IRIB not audible  | w f pk          | 0114 | 04/01 | SS |
| 1503 | 080  | IRIB Bushehr //1476  | good            | 0133 | 04/01 | SS |
| 1512 | 080  | BSKSA Jeddah, Call of Islam, Quran Id cont Quran                                     | good            | 0108 | 04/01 | SS |
| 1521 | 080  | BSKSA Juba Gen px, A Quran   | good            | 0105 | 04/01 | SS |
| 1539 | 080  | R Aap di Dunyaa, Al-Dhabbiya, Id, Urdu nx  | good            | 0100 | 04/01 | SS |
| 1539 | 080  | R Djibouti A Quran//1116+4780, then Afar px 0312 not // afternoon //4780 until 1600h | fair            | 0302 | 06/01 | SS |
| 1539 | 080  | R Asia, Sadiyat, Mayalaam pres, IND songs, Id  | fair            | 0303 | 06/01 | SS |
| 1548 | 080  | R Sawa. Kuwait, A pop, Id  | fair            | 0051 | 04/01 | SS |
| 1557 | 100! | FI Marseille, F Id, OM/YL tlk, IRN QRM   | fair            | 0040 | 04/01 | SS |
| 1557 | 080  | IRIB Zabol, Farsi chants   | weak            | 0042 | 04/01 | SS |
| 1557 | 020  | WYFR Kouhu E rel px  | weak            | 1515 | 04/01 | SS |
| 1566 | 080  | AIR Nagpur, Hindi nx, E Id   | fair            | 0032 | 04/01 | SS |
| 1566 | 080  | IRIB Ardabil? Farsi instr. Mx  | w f ps          | 0037 | 04/01 | SS |
| 1575 | 080  | R Farda, Al Dhabbiya, Farsi pop, Id +jammer, also 0430                               | fair good       | 0025 | 04/01 | SS |
| 1584 | 080  | Egyptian R, Idfu, A loc px, pres., no Id   | f gpks          | 0415 | 07/01 | SS |

I hope this list of loggings could be a little bit of help when African radio stations are being listened to in Europe or to avoid to try to much hunting for those ones which had been switched off obviously. When I will be there the next time I hopefully will not face that many problems when getting started, have some more time to go after listening and also hope to have some better and longer antennas in place. Please feel free to get in contact with me when you have any kind of questions or comments regarding this article: stefan.schliephacke@gmx.de

# THE SONY SRF-59 again

Ultralight DX with Kevin Schanilec

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The Sony SRF-59, a small and inexpensive pocket radio, has started what can only be called revolution within the MW-DX community. Starting with Gary DeBock's review in late 2007, found on the dxer.ca Web site, use of this and other so-called "UltraLight" radios has caught on like wildfire, spreading through North America and now making its way to other corners of the globe.

In the first three weeks of it being used by handful of DXers, multiple transatlantic and transpacific stations were heard, and many have now logged well over 100 stations (one in just a three day weekend!). At last count, at least 40-50 long-time DXers have purchased this little gem and are actively using it as one of their main receivers. Many have pulled in stations which had never been heard by them before...on any receiver or antenna combination! Contests are now underway for distance records and the first to hear a station in a particular category. All this capability, and all this excitement, for under \$20.00!



To help those who may be interested in an UltraLight Radio like the SRF-59, or for those who want to get tips on how to use theirs to get more DX, here is a summary of what is known about the SRF-59 and various ways in which this fine little receiver can be used as a true DX receiver.

## The Lineage of the SRF-59

The SRF-59 is but the latest variation on a theme that Sony started in approximately 1992 with the SRF-39, which also came in a clear plastic version for prison users, and the sports model SRF-85. The SRF-49 debuted in 1997, followed by the stylish PSY-03 in 1999 (available in various colors, such as purple), and finally the SRF-59 in 2001. All of these models are very similar, having essentially the same circuit board and controls. Each sells (or sold) for less than \$20.00.

### The Sony SRF-59 Family



**The SRF-39**  
1992

**The SRF-85**  
1992

**The SRF-49**  
1997

**The PSY-03**  
1999

**The SRF-59**  
2001

Cosmetic and other changes along the way include:

- The form factor of earlier models was more square, while the SRF-59's lines are more curved.
- The SRF-39 had a useful 0-10 log strip, whereas the later versions have unlabeled log strip.
- The SRF-39 came with a guard chain, apparently unique among these models.
- There was a European SRF-39L model, with longwave
- The recessed area for the tuning thumbwheel was more generous on the earlier models, whereas on the SRF-59 the thumbwheel sticks out less, making it more difficult to make fine adjustments. The tuning and volume controls on the SRF-85 are on the outside of the case, making tuning a bit easier.
- The SRF-85 featured an automatic level control to keep the volume at either 85 or 95 db for joggers.
- Finally, the belt clip on the earlier models required that it be flexed and slid to the side to remove it, whereas it pops off much easier on the SRF-59.

The SRF-59 is widely available in retail stores and online. A quick Web search showed that new units of the SRF-39FP and SRF-49 are still available, and of course any one of these models might show up on eBay. Experience to date has shown that the earlier models were usually well-aligned at birth, while the SRF-59 shows some variability (see *Maintaining Your SRF-59*, below). While the PSY-03 was apparently manufactured for import to the U.S., I have not been able to locate one.

## What Makes It Tick

The heart of the SRF-59 family is Sony's proprietary CXA1129N integrated circuit. As can be seen in the manual for the PSY-03, this 30 pin nerve center includes all of the circuitry needed for a complete AM/FM Stereo receiver. Lacking only the final audio amplification stage, it forms the foundation of a remarkably sensitive and selective receiver. Perhaps not surprisingly, Sony keeps the secrets of the CXA1129N under wraps, and does not sell the chip for OEM applications.

The reference for the CXA1129N is a 1992 paper entitled "Advanced Low Voltage Single Chip Radio IC". Among the highlights, excellent selectivity was made possible through the use of a low intermediate frequency on AM (55 khz), and the use of quadrature mixing with a phase shift network provides an extremely effective image canceling circuit. The IC operates at voltages as low as 0.95 volts, enabling it to run for extended periods of time on a single AA battery. Depending on volume levels, a single alkaline cell may last more than 100-200 hours!

In addition to the five receivers above, the CXA1129N has also been used in four even tinier models, the SRF-S80,- S83, -S84 and -87. These lighter--sized units have smaller ferrite loop antennae, leading to different selectivity, sensitivity and nulling capabilities, but are still remarkable performers for their size.

### "MicroLighter"-Sized Models



SRF-S80



SRF-S83



SRF-S84



SRF-87

## Features and Performance of the SRF-59

There have been numerous testimonials from once-skeptical DXers that proclaim with amazement the capabilities of this tiny marvel. In addition to Gary DeBock's pioneering review mentioned above, various other reviews and comparisons have further clarified the capabilities and limitations of the SRF-59. Below I attempt to summarize how it performs in the various categories important to DXers.

1. Sensitivity – with its 1-3/4" ferrite bar loop antenna, the SRF-59 is able to pull in a remarkable amount of DX. In the UltraLight Radio category, it is second only to the Sony SRF-T615 (which uses the CXA1111N IC) in this category. A comparison with some of its larger brothers, such as the ICF-SW7600GR and ICF-2010, shows that one can only expect so much from a smaller antenna. However, a properly aligned SRF-59 can hold its own against most any other UltraLight Radio.
2. Selectivity – here is where the SRF-59 really shines. It is simply unmatched by any other UltraLight Radio! According to the 1992 technical document, the integrated IF filtering provides a nominal bandwidth of approximately 5 khz at six decibels down: however, its shape factor is not as tight as one would find in a communications receiver, and so it sounds more like a 6 or 7 khz filter. In any event, it provides a degree of selectivity superior to any other UltraLight Radio tested to date.
3. Nulling – again, the SRF-59 is “Best In Class” when it comes to nulling. Owing to the placement of the ferrite loop antenna at the very top of the casing, away from other components, the nulls on this receiver are phenomenal. Strong local stations which had previously thought to be immune to nulling can be made to fade or even disappear. Note that the null may exist only when the receiver's antenna is nearly vertical, which may hinder the reception of weak DX targets. Owing to its small size, the null is easy to maintain as well, especially if you are sitting in the comfort of your favorite chair! The Sony SRF-T615 is the only other UltraLight Radio to match the SRF-59's capabilities in this category.
4. AGC – the automatic gain control is excellent on the SRF-59, allowing a very constant level of audio as one tunes up and down the band.
5. Audio fidelity – in listening to music and voice, most have found the level of fidelity to be quite remarkable. Its filtering allows a bit less high-frequency through than the Wide filter on the Sony ICF-2010, but it is still a major step above what one often gets in an AM radio. There are no tone controls, so units like the Sangean DT-210V, which have a “bass boost” feature, can sound more full-bodied. I located a review which compared the FM audio on the SRF-59 and the Sangean DT-200V (essentially the same as the DT-210V), and the reviewer concluded that the DT-200V was much better on the FM band. Still, the SRF-59 really sounds good!
6. Images - because of the IC design, there are simply no images on this receiver. Period!
7. Tuning and accuracy: this is the one area in which other UltraLight Radios have an advantage. Unless one lives in an urban setting or other area with several “signpost” stations scattered throughout the dial which let you know where you are, the small analog tuning scale can make finding a station difficult at times, especially at the upper end of the dial. As discussed above, the three earliest models are easier to tune given their increased access to the thumbwheel. If there was a PLL version of the SRF-59, it would be UltraLight Radio heaven!
8. Circuit noise – there is some noise generated within the receiver, although it is typically not audible without using ear “buds” or sitting in a very quiet room. I found the circuit noise to be nearly the

same as that generated within the Sony ICF-2010. At any rate, at normal listening volume, the noise fades into the background, and I find it to be a non-issue.

9. Spurs/birdies – Gary DeBock noticed a spur near 730 khz during one of his tests, although I have not noticed this on my receivers, nor any other such noise anywhere else on the dial. I'm sure a detailed examination could uncover some here and there, but I simply don't notice them during normal strolling up and down the band.

10. Overloading – even when coupled with a large outboard loop antenna, strong locals don't cause much distortion. Living in a strong RF urban setting, I find this particularly valuable!

11. Stability – I have not noticed any drift during my listening sessions.

12. Quality control – in general, quality control is very good. Earlier models such as the SRF-39 have consistently been found to be well-aligned out of the box, whereas the SRF-59 has occasionally required alignment. One other consideration is that the variable capacitor used for tuning the SRF-59 has been reported to have occasionally failed, apparently due to the breakdown of the sheet material used in its construction; the result is a scratching sound and a tuning wheel that is more difficult to turn.

## What the SRF-59 Can Hear

As a result of these features and capabilities, DXers who have been in this hobby for many years have been stunned at what they are able to hear on the SRF-59. Whether the targets are domestic and foreign, this little gem can hear just about anything. Here are some of the current long distance records:

| Power (watts) | Target                     | Heard in               | Distance (miles) |
|---------------|----------------------------|------------------------|------------------|
| Unlimited     | BSKSA-1521 Saudi Arabia    | St. John's, NF         | 5,424            |
| 50,000        | RVC-530 Turks & Caicos     | Victoria, BC           | 3,403            |
| 10,000        | WKAQ-580, San Juan, PR     | Savannah, GA           | 1,350            |
| 5,000         | KABC-970, Los Angeles, CA  | Salmon Creek, WA       | 831              |
| 1,000         | KVNS-1700, Brownsville, TX | Bainbridge Island, WA. | 2,016            |
| 500           | KLSQ-870, Whitney, NV      | Bainbridge Island, WA  | 893              |
| 250           | XEUACH-1610, Chapingo, MX  | Krum TX                | 957              |

## Augmenting The SRF-59

Though it is a capable receiver out of the box, with a little imagination, the limitations of the SRF-59 can be largely overcome, and its strengths can be further exploited.

To increase sensitivity, a passively coupled outboard loop antenna is an outstanding accessory. Whether homebrew or commercial, most any design will work with the SRF-59. I have a 28-by-42 inch box loop, which really makes the SRF-59 come alive. For air core loops, maximum signal transfer is generally found when the SRF-59 is inside the loop at the exact center; however, placing the SRF-59 outside a certain distance away allows for increased selectivity.

A design for a very compact homebrew ferrite rod loop antenna has been published by Gil Stacy on the dxer.ca UltraLight Radio download page, which can be referred to if you are inclined to build your

own, and he has since adapted it to act as a coupling device between his SRF-59 and a EWE antenna. A more recent design combines the two functions in an UltraLight-sized container. Finally, simply placing two SRF-59's side-by-side and tuning them both to the same frequency allows one unit to passively couple with the other; the signal boost isn't as great as with a Terk loop or similar, but it is still appreciable.

If one has a Quantum Loop or similar, the SRF-59 can be affixed to the loop head, allowing for full 360 degree orientation for nulling (note: the influence of the loop head seems to detract from the depth of the null). With the loop powered down, the passive tuning network is still active, and you can substantially boost the signal on the SRF-59. Finally, with a Quantum Loop, by turning it on and engaging the Q Multiplier, you can REALLY narrow the IF bandwidth, since the output from the Quantum Loop head overpowers the SRF-59's ferrite loop and dictates the IF bandwidth.

Speaking of orienting for nulls, I have found that placing the SRF-59 on a small plastic tripod, typically sold for camera usage, allows one to precisely orient the unit in order to find and hold a deep null. Care must be taken to ensure that the influence of one's hands and body don't spoil the null once you take your hands away: try affixing the SRF-59 to a piece of thin plywood, which can then be mounted to the tripod, and adjust the null by gripping the plywood. Gary DeBock has also had success with simply placing shims under the receiver to orient to the receiver for nulls. Many have found that one's hands and body also help boost the signal, and apparently also affect nulling. In fact, I have found that, while holding a null (and the SRF-59) in one hand, waving my other hand around the ferrite loop antenna portion of the receiver can help fine-tune the null.

As for dial calibration and tuning ease and accuracy, in his homebrew ferrite loop antenna article, Gil Stacy also describes how a simple plastic disc attached to the SRF-59's tuning thumbwheel can be used to make a much more detailed tuning scale. You have to have the unit's case open, but if you're comfortable doing this, it allows for easier tuning. The tuning wheels on the SRF-39 and SRF-49 are more accessible than the wheel on the SRF-59, which also makes tuning easier.

For audio reproduction, most DXers have likely been using their own favorite headphones rather than the plastic headset supplied with the SRF-59, although there are likely already some purists who insist on using the factory equipment! The audio output is sufficient to drive any headphones that I have tried. I also use an Olympus WS3xxM-series audio recorder, which allows me to archive all the files in WMA format, and it has a headphone jack so you can monitor what is being recorded: very compact and handy!

For those that want to modify the SRF-59's audio circuit, Xin Feng's Web site discusses the changes he recommends to selected capacitors and resistors which can extend the bass and treble response of these receivers.

As with all receivers with a ferrite loop antenna, passive phasing with a box loop or another ferrite loop antenna is quite straightforward, and the native sensitivity of the SRF-59 allows for some excellent results. With the advent of the UltraLight Age, Audio Phasing has also become a potent weapon against co-channel pests: check out the dxer.ca Web site for more details.

## **Maintaining Your SRF-59**

Generally, other than replacing the battery every 100 hours or so, there simply isn't much to do! As discussed above, a single alkaline battery should last well over 100 hours, depending on volume level.



However, if an alignment is needed, a full description of maintenance procedures are described in the PSY-03 service manual. Gary DeBock has performed many such operations, and has published a more detailed guide to alignments, again on the dxer.ca Web site.

Given the small size of the SRF-59, this is not necessarily for the inexperienced technician! Getting your hands on an SRF-39FP might be helpful, since you will be able to look inside the case and see what you're about to try before actually cracking the case open.

## Conclusion

Why has the SRF-59 captured the hearts and imaginations of so many DXers? There are probably many reasons for its allure:

- the amount of DX that can come from such a small and inexpensive unit
- the lack of any sophisticated controls, pitting one directly against the AM band
- the size and convenience, making DXing available anywhere one might be
- the excellent audio reproduction
- the energy and enthusiasm engendered by a new and different way of pursuing the DX hobby

Take a tip from me – buy an SRF-59 or two and discover the reasons for yourself!

## Resources

Gary DeBock's pioneering review, as well as other reviews of the SRF-59 and comparisons to various receivers, may be found in the UltraLight File Area of the dxer.ca Web site. Ferrite loop designs, a detailed manual on Audio Phasing, and many other resources may also be found there.

Manuals for most models are freely available on-line:

SRF-49 Owner's Manual - [www.sony-asia.com/support/manual/product/srf-49?site=hp\\_en\\_AP\\_iSize, weight, output](http://www.sony-asia.com/support/manual/product/srf-49?site=hp_en_AP_iSize,weight,output)

PSY-03 Service Manual - [www.electronica.ro/service\\_manuals/sony/radio/srf-psy03/](http://www.electronica.ro/service_manuals/sony/radio/srf-psy03/)

SRF-59 Owner's Manual - <http://pdf.crse.com/manuals/3232334121.pdf>

SRF-85 Owner's Manual - <http://www.amazon.com/Sony-SRF85-Sports-Walkman-Stereo/dp/B00001YVIR>

A full description of the theory and construction of the CXA1129N IC can be found in "Advanced Low Voltage Single Chip Radio IC" by Okanobu, Tomiyama, and Arimoto, IEEE Transactions on Consumer Electronics, Vol. 38, No. 3, August 1992, pp. 465-475. The full article may be purchased at the [ieeexplore.ieee.org](http://ieeexplore.ieee.org) Web site, while Robert Culter's summary of the article is reprinted at the dxer.ca Web site in the UltraLight Files area. A good summary of the functionality of the CXA1129N may be found in the PSY-03 service manual.

The review which compared the FM fidelity of the SRF-59 and the Sangean DT-200V can be found at <http://www.head-fi.org/forums/f15/side-side-comparison-sangean-dt-200v-sony-srf-59-a-182003/>.

Xin Feng's discussion of audio modifications to the SRF-49, applicable to any of these models, may be found at [www.fixup.net/tips/srf49/srf49.htm](http://www.fixup.net/tips/srf49/srf49.htm)

# NORTH AMERICAN NEWS

✉ 20 Ryehill Park, Kirklington, Carlisle CA6 6BH

with Barry Davies

e-mail: [na-news@mwcircle.org](mailto:na-news@mwcircle.org)

Welcome to another round up of what's been happening on the North American AM dial. May I express my gratitude to the organisations which make this resume possible? Thanks this month to: - ABDX, DX-mid-America, NERW, Scott Fybush(SF), NRC, RadioandRecords.com, North American Radio Logbook, IRCA



- 740 WQTM** Orlando FL. This Fox sports talk station flips to SS "La Preciosa" network featuring Latino Music. (Josh Robbins)
- 960 WEAV** Plattsburgh NY. This news talk station has been sold. Nothing on format flips.
- 960 CFFX** Kingston ON. This oldies station switched to FM only.
- 1070 WFNI** Indianapolis IN. Call changes from WIBC Format now ESPN sports talk.
- 1160 WCCS** Homer City PA. Station drops soft pops and flips to Fox Sports Radio.
- 1230 WSBB** New Smyrna Beach FL. This nostalgia station sold. No news on format changes.
- 1380 CKLC** Kingston ON. This nostalgia station has switched to FM only.
- 1470 WLAM** Lewiston ME. The 850 WEEI deal has fallen through & ESPN remains here.(SF)
- 1540 WNWR** Bala Cynwyd PA This multi-language day timer has a new city of licence, ex Philadelphia. Bala Cynwyd is the home of many other radio stations.
- 1540 KGBC** Galveston TX. Flips from Catholic religion to ethnic programming.

Here is a general round up of what's been happening on the North American AM dial courtesy of our friends at the **International Radio Club of America.**

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### CALL LETTER CHANGES

| FREQ | OLD CALL | CITY              | NEW CALL |
|------|----------|-------------------|----------|
| 740  | WRWB     | Harrogate, TN     | WCXZ     |
| 860  | WFFF     | Fairhope, AL      | WXQW     |
| 930  | KLCY     | East Missoula, MT | KMPT     |
| 1170 | KUGT     | Jackson, MO       | KJXX     |
| 1490 | WFKY     | Frankfort, KY     | WKYW     |
| 1570 | KMUR     | Pryor, OK         | KZLI     |
| 1600 | KXTA     | Centerville, UT   | KTUB     |

### FORMAT CHANGES

| FREQ | CALL | CITY         | OLD INFO | NEW INFO |
|------|------|--------------|----------|----------|
| 600  | WVAR | Richwood, WV | oldies   | silent   |

|      |      |                     |                       |                                |
|------|------|---------------------|-----------------------|--------------------------------|
| 700  | WJOE | Orange-Athol, MA    | oldies                | ESPN sports                    |
| 710  | KAPZ | Bald Knob, AR       | talk                  | silent                         |
| 740  | WQTM | Orlando, FL         | sports                | Spanish adult hits             |
| 800  | KVOM | Morrilton, AR       | news-talk             | sports                         |
| 870  | KFJZ | Ft. Worth, TX       | Spanish hits          | Spanish contemporary Christian |
| 890  | KDJQ | Meridian, ID        | silent                | variety                        |
| 920  | WPHY | Trenton, NJ         | sports                | religious teaching             |
| 930  | KMPT | East Missoula, MT   | KLCY, adult standards | progressive talk               |
| 1020 | WJEP | Ochlocknee, GA      | southern gospel       | silent                         |
| 1060 | KDYL | South Salt Lake, UT | adult standards       | oldies                         |
| 1060 | WGGQ | Newport, TN         | country               | southern gospel                |
| 1070 | WFNI | Indianapolis, IN    | WIBC, talk            | sports                         |
| 1070 | WNCT | Greenville, NC      | talk                  | contemporary Christian         |
| 1080 | WKGX | Lenoir, NC          | sports                | bluegrass                      |
| 1100 | KWWN | Las Vegas, NV       | new                   | Spanish sports                 |
| 1110 | WKDZ | Cadiz, KY           | talk                  | oldies                         |
| 1130 | WECR | Newland, NC         | country               | southern gospel                |
| 1160 | WCCS | Homer City, PA      | adult contemporary    | talk                           |
| 1170 | WKFL | Bushnell, FL        | talk                  | silent                         |
| 1190 | KRFT | De Soto, MO         | talk                  | ESPN sports                    |
| 1230 | KFPW | Ft. Smith, AR       | adult standards       | talk                           |
| 1270 | WMPM | Smithfield, NC      | silent                | country, southern gospel       |
| 1310 | WADB | Ashbury Park, NJ    | Spanish sports        | sports                         |
| 1310 | WBFD | Philadelphia, PA    | oldies                | talk                           |
| 1320 | WAGF | Dothan, AL          | black gospel          | talk                           |
| 1350 | WHWH | Princeton, NJ       | business news         | format not available           |
| 1370 | WGHN | Grand Haven, MI     | soft AC               | ESPN sports                    |
| 1380 | KSLG | St. Louis, MO       | ESPN sports           | Fox sports                     |
| 1390 | WLUA | Belton, SC          | format not available  | adult standards                |
| 1400 | KGVL | Greenville, TX      | classic country       | talk                           |
| 1400 | KNNN | Cottage Grove, OR   | country               | oldies                         |
| 1400 | WZHR | Zephyrillis, FL     | contemporary Xtian    | black gospel                   |
| 1430 | WQOQ | Durand, WI          | classic country       | country                        |
| 1450 | KNET | Palestine, TX       | sports                | talk                           |
| 1460 | WZNZ | Jacksonville, FL    | religious teaching    | progressive talk               |
| 1490 | WSYL | Sylvania, GA        | country               | classic rock                   |
| 1510 | WBSG | Lajas, PR           | Spanish news-talk     | silent                         |
| 1570 | WCRL | Oneonta, AL         | Spanish               | adult standards                |
| 1580 | KHGG | Van Buren, AR       | sports                | Spanish sports                 |
| 1580 | WVZN | Columbia, PA        | silent                | Spanish                        |
| 1600 | WMHG | Muskegon, MI        | adult standards       | silent                         |

**FACILITY AND PARAMETER APPLICATIONS**

|     |      |                 |   |
|-----|------|-----------------|---|
| 550 | WASG | Atmore, AL      | 10000/143 ND to 2500/19 ND              |
| 570 | WAAX | Gadsden, AL     | 5000/500 DA-N to 4000/840 DA-2          |
| 690 | WIST | New Orleans, LA | 10000/5000 DA-2 to 8000/2000 DA-N       |
| 710 | KIRO | Seattle, WA     | 50000/50000 DA-N to 50000/50000 DAN     |
| 780 | KCEG | Pueblo, CO      | 3000/760 DA-2 to 1900/490 DA-2 (new CP) |
| 830 | KOTC | Kennett, MO     | 10000 ND-D to 10000 ND                  |

|      |      |                |                                  |
|------|------|----------------|----------------------------------|
| 890  | KJME | Fountain, CO   | 5500/500 DA-2 to 4500/550 DA-2   |
| 1110 | WUAT | Pikeville, TN  | 250 ND-D to 1000 ND              |
| 1130 | KTMR | Edna, TX       | 10000 DA-D to 45000 DA-D         |
| 1160 | WJFT | Tryon, NC      | 10000/500 DA-N to 25000/500 DA-N |
| 1200 | KFNW | West Fargo, ND | 10000/700 DA-N to 13000          |
| 1230 | WESX | Salem, MA      | 1000/1000 ND to 450/450 ND       |
| 1250 | KCST | Florence, OR   | 1000/68 ND to 900/37 ND          |
| 1270 | KTFI | Twin Falls, ID | 5000/1000 ND to 10000 ND-D       |
| 1510 | WYOZ | Highland, IL   | 1000 DA-D to 5000 DA-D           |

**FACILITY AND PARAMETER GRANTS**

|      |      |                     |                                |
|------|------|---------------------|--------------------------------|
| 650  | KGAB | Orchard Valley, WY  | 8600/500 DA-N to 8500/500 DA-N |
| 1170 | WPLX | Germantown, TN      | 1000 ND-D to 5000/26 DA-3      |
| 1450 | WOL  | Washington, DC      | 1000/1000 ND to 370/370 ND     |
| 1600 | WCGW | Chicago Heights, IL | 1000/23 DA-2 to 10000 DA-D     |
| 1600 | WMCW | Aurora, IL          | 250/250 DA-2 to 1400/1000 DA-2 |

**PUBLIC LISTINGS COURTESY OF THERADIOJOURNAL.COM AND 10000WATTS.COM:**

800: KVOM 800 Morrillton AR flips from news-talk to sports "ESPN 800."

870: KFJZ 870 Fort Worth TX flips from Spanish AC "La Pantera" to Spanish Christian "Radio Ayo."

890: KDJQ 890 Meridian/Boise ID returns to the air, briefly, with Christmas music.

930: KLCY 930 Missoula MT flips from standards "Classy 930" to progressive talk under new calls KMPT ("Missoula's Progressive Talk").

1100: KWWN 1100 Las Vegas NV signs on with ESPN Deportes Spanish sports talk.

1310: WADB 1310 Asbury Park NJ flips from "ESPN Deportes" Spanish Sports to Fox sports.

1380: KSLG 1380 St. Louis MO flips from ESPN sports to Fox sports as "Team 1380."

1490: WFKY 1490 Frankfort KY and WKYW 104.9 Frankfort KY swap calls.

Contributors:

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That just about clears my "In Tray" for another month so I'll sign off with best wishes for some good DX all around The Circle.

*Barry*

# SOUTH AMERICAN NEWS

✉ Kirkåsveien 15, NO-1850 Mysen, Norway

with Tore B. Vik

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## Brasil

- 690 ZYH453 R. Cultura, Ilhéus – Rua Joana Angélica, 125 Centro, 45653-640 Ilhéus, BA  
DX Clube do Brasil
- 770 ZYI412 R. Caiuás, Dourados - moved to 1250 (MS11)  
DX Clube do Brasil
- 790 ZYH899 R. Rio Flores, Tuntum - ex CP (MA30)  
DX Clube do Brasil
- 800 ZYH256 R. Palmares, Maceió - ex CP (AL17)  
DX Clube do Brasil
- 840 ZYH253 R. Quilombo, União dos Palmares - moved to 1460 - new name (AL13)  
DX Clube do Brasil
- 950 ZYH764 R. Dif., Itumbiara - ex 960 (GO21)  
DX Clube do Brasil
- 1080 ZYI824 R. Voluntários da Pátria, Ouricuri - moved to 1540 (PE33)  
DX Clube do Brasil
- 1160 R. São José Canção Nova - ex CP (BA94)  
DX Clube do Brasil
- 1170 ZYH205 R. Difusora, Feijó - ex CP (AC1)  
DX Clube do Brasil
- 1170 ZYJ360 R. Voz do Sudoeste, Coronel Vivida (PR143) (ex 690 - R. Voz)  
DX Clube do Brasil
- 1250 ZYI412 R. Caiuás, Dourados - ex 770 (MS11)  
DX Clube do Brasil
- 1260 ZYL273 R. Record - moved to 1290 - also new name (MG77)  
DX Clube do Brasil
- 1290 ZYL273 R. Uberlândia - ex 1260 - ex. R. Record (MG77)  
DX Clube do Brasil
- 1390 ZYK376 R. Educadora, São João da Urtiga - ex 1510 (RS170)  
DX Clube do Brasil
- 1390 ZYH907 R. Cultura do Rio Jordão, Coroaá - moved to 1570 (MA22)  
DX Clube do Brasil
- 1460 ZYH253 R. Canavieira, União dos Palmares - ex 840 - R. Quilombo (AL13)  
DX Clube do Brasil
- 1470 R. Panorama, Itapejara d'Oeste - ex CP (PR172)  
DX Clube do Brasil
- 1470 R. Tradição, Rio Branco do Sul - ex CP (PR173)  
DX Clube do Brasil
- 1510 ZYK376 R. Educadora, São João da Urtiga - moved to 1390 (RS170)  
DX Clube do Brasil
- 1510 ZYH493 R. Dif. do Descobrimento, Porto Seguro - ex 1500 (BA52)  
DX Clube do Brasil
- 1540 ZYI824 R. Voluntários da Pátria, Ouricuri - ex 1080 (PE33)  
DX Clube do Brasil
- 1560 R. Barigüi - Rua José Carlos Colodel, 306 V/S Terezinha, 83501-140  
Almirante Tamandaré  
DX Clube do Brasil
- 1570 ZYH907 R. Cultura do Rio Jordão, Coroaá - ex 1390 (MA22)  
DX Clube do Brasil
- 1570 R. Tangará, Tangará - ex CP (SC107)  
DX Clube do Brasil
- 1590 R. Novo Tempo, Cachoeiro de Itapemirim - ex CP (ES22)  
DX Clube do Brasil

## Colombia (ed: TL)

Radio Nacional de Colombia announces a new web address: [radionacionaldecolombia.gov.co](http://radionacionaldecolombia.gov.co)

Andrew Brade via MWC e-mail news 27.12.2007

- 860 HJNJ LV del Cañaguatè, Valledupar - identified by Henrik Klemetz on a clip sent in by Pekka Kostianen, Finland, the refurbished La Voz del Cañaguatè, now a Caracol affiliate. The station reportedly uses a Continental-Lensa K5A12 transmitter with 12 kW of power supplied by Kappa Ltda.

Henrik Klemetz via MWC e-mail news 17.12.2007

# WORLD NEWS

(Europe, Asia, Africa)  
with Ton Timmerman

H. Heijmanspln 10, 2024 JJ Haarlem, The Netherlands  
e-mail:world-news@mwcircle.org

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Hello DX-friends,

A well-filled World News this time with many newsitems from Afrika. I received an e-mail from Stefan Schliephacke who visited Uganda and listened a lot around there. The result is a lot of updated info. The EMWG of Herman Boel proved to be very accurate! Let's go to the info.

## Benin

After several years of preparation, Trans World Radio will begin broadcasting programmes from their new transmitting station in Benin on 1 February 2008. Last week saw TWR staff working hard to solve several technical issues with the new equipment before the transmitter could be officially switched on by Nautel's commissioning engineer, Tim Oaks.



TWR-Africa's Regional Engineer, James Burnett, says, "The testing and commissioning of the transmitter hasn't gone entirely smoothly. There have been technical challenges, but these have not been of a nature that will prevent us from going on air."

Following the initial switching on of the transmitter, further testing has been carried out. The transmitting station will be used to broadcast programmes that have been produced by pastors, Christian organizations and church leaders in West Africa and has the potential to reach up to 63 million people. (<http://www.twrafrica.org/0125.asp> via Steve Whitt)

TWR Benin is now testing on 1566 kHz with an ident in various languages + some music first noted Monday 21st Jan at 18.00GMT & putting in quite a good signal into Southern Portugal. They confirm that the start of transmissions will be on the 1st February. (Michael Hoover visiting the Algarve)

## Cyprus

With their antenna pattern of 205 degrees the RMC Doualiya and TWR signals are radiating much better into Uganda of course, as they do towards Northern Europe. In the morning hours the signal is even better than the one from KBC Marsabit which is situated about 450km north-east of Kampala. The TWR programmes are aired during the time spans listed in the WRTH. They have a website which is [www.arabicprogramme.org](http://www.arabicprogramme.org) and the email-address is [info@arabicprogramme.com](mailto:info@arabicprogramme.com). (Stefan Schliephacke visiting Uganda)

## EMWG

In the coming months the EMWG will celebrate its 10th anniversary. On this occasion a quiz contest will be held, open to everybody, regardless of location or club membership. The quiz, 21 questions, will deal with many radio aspects, and will not solely cover medium wave. A special web site has been set up for the contest: [www.emwg-contest.org](http://www.emwg-contest.org). Please feel free to have a look. There you will find the information on schedule, prizes (for now), sponsors, etc.

As participating is (really) more important than winning, some prizes are given randomly to entrants. You have an item you would like to contribute as a prize? Thank you in advance and please contact me. Please watch this mailing list for more information as the start date of the

contest grows near. Finally, I would already like to thank the following sponsors: Medium Wave Circle, Danish Shortwave Clubs International, RadioVisie, NASWA.

The contest dates have been set to 1 March 2008 through 30 April 2008. So as of 1 March you will be able to see/download the quiz from the web site. Until then you can see what prizes have been added

## Djibuti

Since the agreement made with the US government concerning the R Sawa broadcasts from this little country, the usage of 1170 MW was stopped – a good decision because 1170 is blocked from the Sawa station in Al-Dhabbiya / UAE all day long anyway nowadays. The broadcasts are aired in Arabic on 1116 MW in // to 4780. When signing on at 0300 there is Qur`an in // with 1539 MW which afterwards has Afar programme. I cannot say anything in regard of the programme during the day, but in the afternoon both channels have Arabic until 1600 when 1539 MW goes into Afar again and 1116 MW remains with Arabic. I did not make out any trace of the French programme listed, but this might be on the air later on, because due to local power supply shortage, I was not able to listen at 1615-2100 (*Stefan Schliephacke, visiting Uganda*)

## Eritrea

837 and 945 MW. These are both active. The schedule is slightly different however, because the morning sign off is at 0400 instead of the 0330 listed in EMWG and WRTH. This makes it even harder to catch these stations in Europe due to propagation (*Stefan Schliephacke, visiting Uganda*)  
Jan 23 via DXLD)

## Germany

AFN Würzburg update --- Radio operations of AFN Würzburg ("AFN Franconia") are still up, but meanwhile they announced on air that the farewell programme will go out on Jan 31. Probably only the morning show is still on air, recently only automated programming without real content had been heard during their drivetime slot anymore.

<http://forum.mysnip.de/read.php?8773.485588.page=2> (*Kai Ludwig via DXLD*)

## Italy

RAI on air in DRM on 846 kHz. As many DXers reported RAI started to broadcast in DRM also on 846 kHz from Santa Palomba. According to Andrea Borgnino it is on air with a 25 kW Transradio transmitter. On his blog you can find several images of RAI Santa Palomba, made by the Dutch photographer Peter Vrakking:

<http://www.mediasuk.org/archive/palomba.html>  
(*Giampiero Bernardini via EMWG*)



## Kenya

All frequencies checked when in Uganda. Programmes, times and usage of frequencies a listed in the WRTH and in EMWG. The one and only exception is the General Service in English from the city of Garissa on 639 kHz which is off the air at present. During the whole period of time by the beginning of January 2008 the programme format seemed not to be effected from the actual crisis in this country. It was only once on a Sunday morning when a discussion programme in English with youngster participants was aired for 60 minutes around midday talking about the political situation (*Stefan Schliephacke, visiting Uganda*)

## Laos

A friend of mine recently returned from a trip to Vietnam & Laos. The feedback from Vietnam will probably be published in the next DXLD (is currently in the message area of Glenn's Yahoo Group).

Regarding Laos from my friend's feedback: This a country, unlike Vietnam, where you can find many people who do speak some English. Usage of the French language is quickly nearing extinction in Laos. I was informed, as my friend's bus travelled past the suspected LNR transmitter near the airport, that he was only able to see a couple of mediumwave towers on the antenna site. I had hoped he might have been able to see some shortwave antennas on the site; I recall these certainly weren't seen on the Google Earth image (this site was discussed within our group message area previously).

He was later able to contact LNR & was told that this was their mediumwave site, but the SW site descriptions of Ban Chommany Neuk, KM6 was correct for the SW transmitter site as was the site of Transmitter Hill in Sam Neua for 4678 kHz. Attempts to obtain coordinates proved fruitless, unfortunately. It appears transmitter installation dates for the following frequencies are as follows: 6130 kHz – 1995, 7145 kHz – 2001, 4678 kHz - 1980?

LNR confirms that only two SW sites now exist with Laos. Transmitter manufacturers: 567 kHz - Harris DX-200 (USA), 6130 kHz - Continental (USA), 7145 kHz - JRC (Japan) So it "appears(?)" that the SW site is not where we thought it was; co-located with the MW site - so where is it?

'Viang Chan' seems to be the appropriate name for the capital given that the name 'Vientiane' is a relic from the French colonial era.[later] Vientiane - further clarification. Just realised that some of the information that was posted about LNR was previously posted by Wolfgang in BCDX-795 Feb 2007 issue from the LNR website; apologies for the repeat.

[km 49 Harris MW tx site] Anyway the MW site near the airport must be for 640 kHz as the site for 567 kHz is definitely around 50 km north-ish of this site, (maybe closer to 45 km) as mentioned in BCDX & WRTH 2007. Area not Hi-Res at the moment. *(Ian Baxter via BC-DX via DXLD)*

## Mayotte

1458 MW, RFO Mayotte. This was the only one from these little islands in the Indian Ocean which I managed to log. I just heard a Qur'an programme on Jan 04 and 05 just prior 0100, but did not pay to much attention to it. But on Jan 06 there was RFI in French at 0035 on the same frequency – as listed in EMWG. This relay stopped at 0040 and without further announcement, they went into Qur'an recitations. This lasted until 0100 when they went into local programming in French simply ID-ing as "Radio Mayotte" *(Stefan Schliephacke, visiting Uganda)*

## Moldavia

Radio Moldova has moved from 1494 to 1485 kHz. Heard November 23 from 2120 UT and again November 25 from 1720 with "Radio Moldova Actualitatsi" - news, weather and sports. Probably this is to avoid QRM from the Russian High Power Station at Krasnyy Bor near Petersburg carrying VOR programs on 1494 kHz *(Ullmar Qvick via BC-DX via DXLD)*

## Mozambique

When I was in Uganda I could make record of three stations only: R Moc. Manica via Chimoio, pres. only (50kW), R Moc. Zambezia via Quelimane on 1179 kHz (50 kW) and R Moc. Niassa via Lichinga on 1260 kHz (50 kW). I never heard these stations idying as "emissora provincial" but "Radio Mocambique" +State / Department instead i.e. "Radio Mocambique Niassa". I wondered why the other stations did not show up. The Niassa station just by the way radiates a very powerful signal and they were audible until 04:30h UTC =07:30h local time, what is perfect daylight in Uganda already. *(Stefan Schliephacke visting Ugandal)*



## Myanmar

It seems that a new service of Myanmar Radio has recently begun on 594 kHz, and is relayed on 5986v in the local early morning. I've traced the new service on 5986v kHz from around 0000-0130 UT daily, but it probably operates for longer than that. 594 kHz is also heard with the new service in the local evening. However, in the local evening 5986v is still in parallel with 576 kHz, as has been the case for many years, rather than in parallel with the new service on 594 kHz. The new service is in parallel on 576 and 594 kHz around 2230 UT, so presumably 576 kHz breaks away to carry separate programming from 0030 UT in parallel with 7185 kHz.

I haven't yet found any other shortwave frequencies for the new service apart from 5986v kHz in the local morning. 594 kHz is quite a strong signal in Malaysia after dark and for a couple of hours after sunrise. It gives much better reception than Myanmar Radio's longstanding MW frequency of 576 kHz. I don't know the official name for the new service, but it sounds like it's aimed at young adults. It carries a lot of pop music, especially covers of Western and Chinese pop songs sung with Burmese lyrics, interspersed with short announcements and occasional drama sketches all in Burmese. (*Alan Davies (the above mostly based on listening in Penang, Malaysia) via DXLD*)

## Netherlands

Dutch Radio Maria to start tests on 675 kHz from 1 February. The repeats of old programmes from Dutch commercial broadcaster Arrow Classic Rock on 675 kHz will cease at the end of January, to be replaced from 1 February by test transmissions from religious station, Radio Maria, based in



Italy but now active in various parts of the world. An official start date for Radio Maria, which will be based in Den Bosch, has not yet been announced. (*Source: DutchMedia Weblog via Media Network Blogs*)

## Nigeria

Most of the time available by the beginning of January I invested to check the MW frequencies from Nigeria. I scanned the channels between 2115 (after sign off from Kenya, Tanzania and Uganda) until 2330 and again in the morning at their listed sign on time 0430. The result was very poor – only one station came through: Borno State Broadcasting on 756 MW at around 2245 until sign off at 2300, quality was fair. Afterwards the other station listed from Niger State (to sign off at 2330) was not there. The time to check frequencies when in Uganda was limited to one week, too short to have evidence, but I am still of the opinion, that a number of these stations are either silent or work on very much reduced powers and not on their nominals 25/50/100 kW. This might also explain, why a investment plan for re-organizing the MW usage along with a Japanese company was decided from the Nigerian government recently as reported in MWN (*Stefan Schliephacke visiting Ugandal*)

## Pacific

Endangered AM Radio Watchlist: Meanwhile, a growing number of countries are now on the Radio Heritage Foundation's Endangered AM Radio Watchlist, having just one mediumwave station known to be on air. These countries are American Samoa, Diego Garcia [British Indian Ocean Territory], Christmas Island [Indian Ocean], Cook Islands, French Polynesia, Kiribati, Macau, Malaysia [West], Maldives, Myanmar, Norfolk Island, Northern Mariana Islands, Palau and Tonga.

In the last year or so, the following countries across the region have ceased broadcasting on mediumwave: Easter Island, Cocos [Keeling] Islands, Lord Howe Island, Nauru, Tuvalu and Wallis et Futuna. All of these countries now broadcast only on FM. ([www.radioheritage.net](http://www.radioheritage.net) via *Steve Whitt*)

## Pakistan

Radio Pakistan suffered FM mania for about 8 years. Now we are being informed of installation of new 1000 kW MW transmitters at Lahore and Umerkot (Sindh). Furthermore, there are plans for setting up 100 kW transmitters at Parachinar (NWFP) and Chaman (Baluchistan) along border with Afghanistan and at Gawadar near Iranian border. These transmitters are meant for sending signals to the neighbouring countries. (*Aslam Javaid, REVIEW OF INTERNATIONAL BROADCASTING via DXLD*)

## Slovakia

Almost all MW txs left the band in Slovakia. Since January 20 2008 there are only three active MW transmitters: 702 kHz - Presov 100kW, 1017 kHz - Rimavska Sobota 50kW, 1098 kHz - Nitra 50kW (F.Pl. 100kW). Schedule (UTC): Mon-Fri 0700-1700, Sat 0600-1800, Sun 0600-1900 Program: Patria (for national minorities).

A swift decision made by the Slovak government in January, ceased operation of the following transmitters: 567 kHz Rimavsk=E1 Sobota, 567 kHz Zilina, 621 kHz Horn (Lehota (Orava), 864 kHz Cadca, 864 kHz Snina, 900 kHz Velky Slavkov (Tatry), 927 kHz Cizatice, 1017 kHz Bratislava, 1035 kHz Bansk=E1 Bystrica (*Karel Honzik*)

## Sudan

From my listening post next to Kampala, I checked the frequencies of the Sudanese Radio as well. Reception in Kampala is of course "local-like" and I did not pay too much attention to these stations. The EMWG is accurate, I found all stations active, sometimes being a bit "off channel". Worth mentioning: R Peace in Arabic on 963 MW from Khartoum with a 100 kW, I checked if there is an English Programme as it was on SW (no longer active there) in the 1800-1900 time span, but only Arabic programmes aired. Southern Sudan R is a station from Juba. They broadcast in local African languages, not Arabic or Sudanese Arabic at least at the time I listened. They have English news along with messages to NGO people etc. aired 1430-1445, the English sounds a little bit "Pidgin"-like though (*Stefan Schliephacke, visiting Uganda*)

## Tajikistan

972 MW, Orzu radiates a signal towards south / south-west and I was never able to pick it up when being in Denmark. Over there in Uganda it is a standard station. I doubt that the programmes from various stations as listed in the Asian-Pacific-Log are still aired via this station. From afternoon until around 0400 I got R Aap ki Dunyaa (VoA Urdu programme) only (*Stefan Schliephacke, visiting Uganda*)

## Tanzania

The situation regarding the usage of the MW seems to be quite stable, transmitters from almost every site are active like listed in WRTH and EMWG. Only exception is the FS frequency 1035 MW which is not in use. I doubt that there is any FS any longer at all. The Radio One channels 1440 MW in English and 1323 MW in Swahili are also there and both very powerful even just radiating 10 kW (*Stefan Schliephacke, visiting Uganda*)

## Uganda

Being in Kampala, I checked the Ugandan MW frequencies of the Uganda Broadcasting Corporation. While almost all of the neighbouring countries, Kenya and Tanzania's stations are active, the situation in Uganda is totally different. From the listed transmitters only two are active which are as follows: Butebo 729 MW Blue network (listed as Red network 100 kW), but irregularly, and Kampala Red Network as listed (20 kW) (909 MW ? DSWCI Ed) in // with 7195 (daylight) and 4976 (evening and mornings). This might explain that there is an investment plan existing with a Japanese company to reorganize the usage of the MW and invest in new transmitters as reported in MWN recently (*Stefan Schliephacke, visiting Uganda*)

# UTILITY DESK

The home of non-broadcast news  
with Andy Robins KB8QGF

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## A New Year Begins

I hope everyone had a good holiday and has started the New Year off on the right foot. Unfortunately, Mr. Sun was not in a cooperative mood during the last half of January as far as LF/MF beacon enthusiasts are concerned. He battered the earth with the backwash from a coronal hole that depressed propagation. Here in snowy west Michigan it was often been a struggle to hear NDBs more than a few hundred miles away. Even so, there have been interesting openings from time to time and the propagation forecasts look somewhat more encouraging. The next year could be a very interesting time for beacon chasers as we begin the new solar cycle. Historically the beginning of a new cycle has often seen really outstanding DX on the lower frequencies. We all hope Cycle 24 is no exception!

## Beacon News

Courtesy of Michael Oexner in Germany we have news of some NDB changes in Europe. He reports that the following Dutch beacons are scheduled to be permanently decommissioned (effective dates shown in parentheses): THN 434.0 kHz Thorn (17 January 2008); ZL 339.0 kHz Maastricht/Zuid-Limberg (13 March 2008); GG 342.0 kHz Eelde/Groningen (13 March 2008); and STK 315.0 kHz Stadskanaal (13 March 2008). Reports on the status of these are encouraged as actual shutdown dates do not always match those published.

Michael also reports that the IDs and frequencies of some NDBs in Poland have changed or will do so in the near future. All were to be effective on 20 January 2007 except as noted: NA 297.0 kHz Mirosławiec (ex A 703.0 kHz); NAL 342.0 kHz Mirosławiec (ex AL); ND 280.0 kHz Swidwin (ex D 327.0 kHz; 14 February 2008); NFR 465.0 kHz Minsk Mazowiecki/"Faktor" (ex FR 579.0 kHz); NG 968.0 kHz Powidz (ex G); NGT 478.0 kHz Powidz (ex GT); NKA 303.0 kHz Poznan/Krzesiny/"Kamera" (ex KA); NRF 465.0 kHz Minsk Mazowiecki/"Faktor" (ex RF 579.0 kHz); NT 423.0 kHz Lask (ex T 664.0 kHz); NT 968.0 kHz Powidz (ex T); NTG-478.0 kHz Powidz (ex TG); and NTZ 664.0 kHz Lask/"Transit" (ex TZ).

Michael comments further on the Polish changes: "The NOTAM (Notice to Airmen) concerning AL 342 kHz says it would change to NAR. This might be a typo in the NOTAM as following the new system the call sign would more likely become NAL. A couple of reverse runway usage beacons are not (yet) mentioned in the NOTAMs, e. g. AK 303 kHz that would mutate into NAK."

Finally, Don Tomkinson in California discovered a NOTAM announcing that PPF 258.0 kHz Parsons, Kansas, in the United States has been decommissioned. It still appears on the latest sectional chart but not on the Aeronav Web page. (*NDB List*)

## Logs

Despite the up and down propagation in January there were still quite a few interesting beacons to be heard. I am still refining my approach to this section, so this time we'll organize them by location of the beacon rather than the listener. (*All logs courtesy of the NDB List*)

Listeners in both Europe and North America continue to report good results with South and Central American NDBs. Don Ward in North Carolina heard TOY 260.0 kHz Tongoy in **Chile** at 0930 UTC on January 12<sup>th</sup> with an offset of -1024 Hz. The same night on that frequency, Don caught FLZ Fortaleza (+1013 Hz) and CZS Cruzeiro do Sul (+1027 Hz), both in **Brazil**. He also reports

hearing EPL 237.0 kHz El Pinal in **Venezuela** on the odd offset of +904 Hz. Reports of Venezuelan NDBs have been very sparse lately, other than the “Old Standby” HOT 353.0 kHz Higuero, which also has a non-standard offset around +/-950 Hz. Finally, Don had AQ 264.0 kHz Barranquilla, **Colombia**, at +1026 Hz with two IDs, then a gap and two more IDs, etc.

In Nova Scotia, Vernon Matheson VE1VDM found CON 405.0 kHz in **Paraguay** (+1030 Hz) at 0010 UTC on the 21<sup>st</sup>. This is one of the nicer deep South Americans as yet unreported by European and UK listeners, as far as I know. Vernon also reports hearing FXC 327.0 kHz in **French Guiana**; MG 376.0 kHz **Guadeloupe**; and SLU 415.0 kHz **Saint Lucia** (+1019 Hz). Note that FXC and MG are A1A (regular CW) beacons, not A2A modulated signals, per usual French practice in overseas territories.

Over on the U.S. “Left Coast”, Steve Ratzlaff AA7U in Oregon found CHE 440.0 kHz Chitre in **Panama** (-1015 Hz) on the 17<sup>th</sup> at 0710 UTC.

South American beacons are also still crossing the Atlantic. Alan Gale G4TMV in England heard his first Brazilian on 13 January and tells an interesting tale: “Having decided to ditch my nightly T/A hunt for a while and go back to my old technique of just checking for 1020 Hz offsets again, I have been working my way down the band...I started my check from 350 kHz downwards, where I had left off the night before and the first signal I heard (at 0443 UTC) was the lower sideband of STM 350.0 kHz in Santarem (around -1020 Hz) - my first ever Brazilian! I didn't realise what this was at first as I wasn't using my usual T/A hit list, and when I couldn't find it in my ENDBH (European NDB Handbook) I consulted REU ([www.classaxe.com/dx/ndb/rna/index.php](http://www.classaxe.com/dx/ndb/rna/index.php)) and the penny finally dropped about what it was I was hearing - what a great way to start the night off!

“Interestingly I was using my ‘almost but not quite a EWE’ antenna, which favours the north east/south west direction (it is usually very good for Scandinavians) and there was no trace of the signal at all on my big ALA100 which favours the east/west paths. When the weather improves I will re-orientate the big loop towards South America for a few months and hopefully get around to building that new PA0RDT preamp for the EWE. That might increase my chances of hearing more signals from what is usually a poor direction for me.”

Alan was not the only European listener having success in this direction, however. Peter Conway G3UFI, also in England, caught CVL 365.0 kHz Caravelas, **Brazil** (-1029 Hz) on the 23<sup>rd</sup> at 0517 UTC.

Europe and Africa produced their usual crop of interesting beacons in January. Here is just a selection: Quite a number of European listeners reported hearing a new beacon HBC 343.0 kHz on offsets of -928 and +931 Hz. This was quickly identified by Herman Schoemaker in the Netherlands as emanating from the Danish *Halfdan B (Maersk)* oil platform in the **North Sea**. This beacon does not operate continuously. After doing some Internet legwork, Tjaerand Bauge in Norway says the position of this beacon is 55:32:19N 005:02:00E in grid square JO25mm.

Herman also reports hearing another new **Danish** NDB – VO 321.0 kHz Vojens/Skrydstrup.

Roelof Bakker PA0RDT in Holland and Peter Conway in England, among others, are hearing several **Turkish** beacons lately. Both found KAD 330.0 kHz Izmir/Kadifekale (-1051 Hz) around the middle of the month. Peter also reports hearing CIG 363.0 kHz Izmir/Cigli (-1034 Hz) and ARF 383.5 kHz Arifiye/Topel (+1027 Hz) as well as MOK 304.0 kHz Bordj Mokhtar in **Algeria**.

Dominique Kremp in France caught unidentified beacon LGT 500.0 kHz (+1030 Hz) which may also be in Algeria. That is an odd frequency for a NDB. Although it is no longer the primary marine distress and calling (CW) frequency, I don't think it is often used for regular beacons, although there are now some experimental amateur 600-meter beacons in that general area. I hope

to have more on those soon. From other directions, Dominique heard S 374.0 kHz Mikkeli in **Finland**, which apparently has a rather weak signal and isn't reported by distant DXers very often.

We'll wrap of the log section with North America and the Pacific. The big news in January was reception of LT 305.0 kHz Alert, Nunavut, in far northern **Canada** by two North American DXers. As far as anyone knows this is the most northerly NDB in the world. European listeners report hearing it fairly often but, ironically, it is extremely rare for DXers to the south on its own continent. However, Bill Hohnstein K0HA near Seward, Nebraska, and Herb Balfour VE3OHH in Richmond Hill, Ontario, near Toronto, did log it. Herb used a very interesting new piece of computer software called *NDB Finder* which can pull IDs from very weak signals. We'll have more about that program next time. Herb's reception of LT occurred on 19 January at 0459 UTC.

Elsewhere, Steve McDonald VE7SL in British Columbia logged rarely reported FOX 356.0 kHz in Fairbanks, **Alaska**, on the 12<sup>th</sup> at 1330 UTC. Don Ward in North Carolina reports hearing another rarity – XRK 251.0 kHz Fort Rucker, **Alabama** (-1042/+1043 Hz). Craig LeRoy N2AZL in Albany, New York, says TE 214.0 kHz Lyndhurst, **New Jersey**, recently added a DAID (“dash after ID”) to its ID cycle, extending it by about 0.6 seconds. This may be the only U.S. NDB now doing this, although almost all Canadian beacons have this feature. Some of the old U.S. marine NDBs had DAIDs but they were all decommissioned years ago.

Quite a few North American listeners are again hearing the interesting “mystery” beacon NEED 505.0 kHz with offsets of -1012 Hz and +1018 Hz. The location and purpose of this are not known for sure. However it may be a test of a new version of the AN/TRN-30 portable NDB system being developed for the U.S. Army. It is possible, but not confirmed, that some of these tests may be at Fort Rucker, Alabama, although there may be more than one test site.

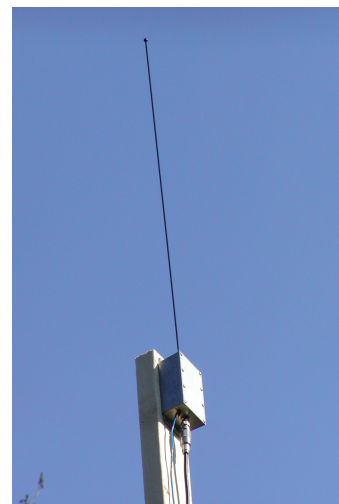
The DGPS and Navtex scene has also been interesting. The DGPS beacon on 314.5 kHz at Quseir, **Egypt** (Ref ID 325) made its way to Vincent Lecler's antenna in France on 20 January at 2202 UTC. Up the band on the Navtex channels, Vernon Matheson in Nova Scotia, heard the 490.0 kHz transmitter at Mar del Plata, **Argentina**, on the 6<sup>th</sup> at 0242 UTC at a distance of 9,292 km. Vernon, Chris Black N1CP in Massachusetts, and Dick Palmer W7KAM in Arizona, all heard the Puerto Ayora Navtex station in the **Galapagos Islands** (Ecuador) on 490.0 kHz, also on the 6<sup>th</sup>.

Finally, your editor managed to log two noteworthy beacons last month, the first being YMU 230.0 kHz Umiujaq, **Quebec** (+394 Hz) on the 5<sup>th</sup> at 0231 UTC. YMU is listed as running a mere 25 watts and sounded like it. Then on the 15<sup>th</sup> at 0853 UTC came the “Big One”: LLD 353.0 kHz Lanai, **Hawaii** (-404 Hz). I had been after this one for years and frankly never really thought I would ever hear it.



I leave you with a study in visual contrast. On the left is a picture of my former ten-foot “monster” loop built from plans by Steve McDonald VE7SL. This worked great but was well named as it was a bear to use. It finally decomposed into a heap. I replaced it with the relatively tiny active whip antenna system built by Steve Ratzlaff AA7U shown to the right. This uses a whip element only about three feet (one meter) long.

73, Andy



# THE HOME FRONT

[British & Irish News]  
with John Williams

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## Ofcom News

### New AM Community station

**10 January, 2008**

**Penistone Community Radio** has been awarded a full time community radio licence to broadcast for 5 years on the AM band. Penistone Community Radio will serve the community of Penistone in Yorkshire. The station broadcasts online and has run an RSL, and in addition the board is experienced at running small-scale radio on modest budgets through work with Barnsley Hospital Radio and RSL's. The group has strong community links, collaborating with local groups and getting the support of local businesses. The station will encourage debate on air and seek to report a range of viewpoints; it will also run a 'community action desk' – a telephone and online directory of relevant community activity. <http://www.penistonecommunityradio.co.uk/> (Dave Kenny BDXC-UK)

## Commercial Radio News

### GCap Media spurns takeover approach from Global Radio

**5 January, 2008**

Global Radio has approached GCap Media about a potential takeover of Britain's largest commercial radio group in a move that could combine the country's most popular commercial radio stations.



It is understood that advisers to Global Radio put a proposal to GCap but that GCap's board rejected it. The plan is understood to have been presented last month, soon after Global failed to win an auction for the radio assets of Emap in early December, when it lost out to Bauer, of Germany. GCap decided not to tell shareholders of the discussions, believing that the offer undervalued the company.

Privately held Global Radio, headed by Charles Allen, the former ITV chief executive, is keen to extend its presence in British commercial radio.

Although GCap and Global Radio, which owns Heart 106.2, Galaxy and LBC, are now not believed to be in active discussions, the approach confirms Global's interest in acquiring the owner of Capital 95.8, Xfm and Classic FM and could lead to further discussions at a later date.

### Virgin to sell National AM station?

**21 January 2008.**

Virgin Radio owner SMG have confirmed they have received several approaches for the national AM and London FM licence. The offers come after the Scottish broadcaster announced plans to concentrate on television, saying that Virgin Radio is non-core to its business.

SMG is now exploring its options, and an announcement is expected shortly.



Amongst those rumoured to be in the running are GMG Radio, Global Radio and the private equity firm Vitruvian. Reports over the weekend suggest the highest offer is in the region of £58m - a big difference compared to the £225m SMG paid for the company in March 2000.

## RSL & LPAM News

The following clubs' broadcast their home games as follows:

| Football Club        | Station                       | Feb fixtures                                    | March fixtures  |
|----------------------|-------------------------------|---|---|
| Crystal Palace       | Palace Radio 1278 kHz         | 2 Southampton<br>12 Ipswich<br>23 Wolverhampton | 4 Cardiff*<br>8 Colchester<br>15 Barnsley<br>29 Blackpool |
| Blackburn            | Radio Rovers 1404 kHz         | 2 Everton<br>23 Bolton                          | 8 Fulham<br>22 Wigan                                      |
| Manchester Utd       | Manchester Utd Radio 1413 kHz | 9 Man City                                      | 8 Bolton<br>22 Liverpool<br>29 Aston Villa                |
| Barnsley             | Oakwell 1575 kHz              | 9 West Brom<br>16 QPR                           | 1 Sheffield Wed<br>11 Ipswich<br>22 Sheffield Utd         |
| Rushden and Diamonds | Radio Diamonds 1503 kHz       | 9 Halifax<br>16 Altrincham                      | 1 Woking<br>15 Torquay<br>29 Droylesdon                   |

\* Evening game

In addition Cup Games will be played over this period the details of which are not yet known.

**Celtic Music Radio** launches from Glasgow, with a Community Radio Licence, on 1530 kHz at 3 pm on 16 January 2008 Address Email – [studio@celticmusicradio.net](mailto:studio@celticmusicradio.net) Celtic Music Radio studio phone-in 0141 548 4041 Celtic Music Radio (Studio), Hunter Centre for Entrepreneurship, University of Strathclyde, Livingstone Tower, 26 Richmond Street, Glasgow G1 1XH [www.celticmusicradio.net/\(Paul Crankshaw\)](http://www.celticmusicradio.net/(Paul%20Crankshaw))



**BFBS Radio** have now been allocated FM frequencies for their three new radio stations in Holywood, Antrim/Aldergrove and Ballykinler. These areas are currently served by 1287 AM but will switch to FM stereo within the next few weeks. (Dave Kenny BDXC-UK)

University of Reading student station **Junction 11** has been silent on 1287 kHz since early 2007 when the feeder to its aerial mast was damaged by a bulldozer. The station is currently broadcasting on the internet, and it is not clear whether the AM transmitter will be reactivated. (Dave Kenny BDXC-UK)

## IRISH NEWS

### Anger as RTE to switch off medium wave band

It's being billed as "goodbye to an old friend". RTE is to axe Radio 1's medium-wave services, in a move which has drawn political criticism and which is set to provoke outrage among churchgoers. Since 1926, the much-loved service has been a mainstay for people living in rural areas where FM reception is poor and a vital tool to broadcast church services.

But station executives believe that modern technology, has signed medium wave's death warrant, and it will switch off on March 24. RTE also believes the transmission costs of supplying the service no longer justifies its existence, since the content is now available elsewhere. Medium-wave shares almost all its content with the FM version of Radio 1, except for Sunday religious services and a mid-week soccer game.



There is to be a public information campaign ahead of the switch-off date. This will highlight the fact that the full Radio 1 MW services will remain available on long-wave radio. The broadcaster is also talking to charities about providing subsidised radios for those who don't have sets with FM or long-wave frequencies.

The station's research shows that one in 10 radio listeners use the medium-wave version of Radio 1, with the service particularly popular with the elderly and those living in remote areas. Fine Gael communications spokesman Simon Coveney said shutting down medium wave transmissions has implications for people in rural parts of the country and at sea. "This is a public service broadcaster and this shouldn't be abandoned," he said.

Labour communications and marine spokesman Michael McCarthy said the decision would have the biggest implications for fishermen working 50 or 100 miles off the coast and relying on the broadcasts for weather reports and for farmers. (<http://www.independent.ie/national-news/anger-as-rte-to-switch-off-medium-wave-band-1269254.html> via Paul Crankshaw)

## OTHER NEWS

### **Strong Sales for DAB Radio**

**22 January, 2008**

DAB digital radio continued its Christmas tradition of strong sales, with one million products bought in quarter four, 2007. More than 550,000 DAB radios were sold in December alone, up 22% on December 2006. Best sellers were portable kitchen radios, MP3/DAB personals, DAB hi-fi systems and, with a particularly strong result, DAB clock radios.



The DRDB (Digital Radio Development Bureau) says figures from GfK put cumulative sales of DAB sets at 6.45 million at the end of 2007, up from 4.4 million in 2006. The DRDB's own research, based on more than 14,000 DAB owners, shows 27% of owners have more than one DAB radio at home; and overall satisfaction levels have risen from 85% to 88%.

In 2008, the DRDB forecasts sales of 2.6 million bringing the cumulative total to 9.1 million sets and household penetration to 30%. (<http://www.radiotoday.co.uk/news.php?extend.2950.5>)

# EUROLOG

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with John Williams

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| <b>kHz</b> | <b>Station, location; details heard etc</b>       | <b>SIO</b> | <b>UTC</b> | <b>Date</b> | <b>Who</b> |
|------------|---|------------|------------|-------------|------------|
| 540        | Onda Cero Radio Cataluna Barcelona, ID, News      | 333        | 0000       | 7/ 1        | FW         |
| 567        | RTE 1 Cork; Music                                 | 443        | 2225       | 12/1        | JS         |
| 585        | RNE 1, Majadahonda (Madrid), News                 | 333        | 0200       | 8/ 1        | FW         |
| 612        | BH Radio 1, Donje Moštre, Music                   | 444        | 0158       | 9/ 1        | FW         |
| 621        | Radio Nacional 1, various, News                   | 333        | 0205       | 11/ 1       | FW         |
| 639        | Ceský rozhlas 2/6, various, Nat. Anth., S/off     | 444        | 2258       | 11/ 1       | FW         |
| 639        | Radio Nacional 1, various, News                   | 322        | 2303       | 11/ 1       | FW         |
| 666        | SER R. Barcelona, St Boi de Llobregat, Football   | 433        | 2300       | 12/ 1       | FW         |
| 666        | Antena 1, various, Music                          | 222        | 2312       | 12/ 1       | FW         |
| 675        | Arrow Classic Rock NL; Rock music                 | 222        | 2240       | 14/1        | JS         |
| 711        | France Info, Rennes-Thourie, talk, news, ID       | 433        | 2258       | 13/ 1       | FW         |
| 711        | COPE Radio Murcia, MurciaNews                     | 322        | 2303       | 13/ 1       | FW         |
| 738        | TruckRadio, Hirschlanden, News via Deutsche Welle | 333        | 2300       | 14/ 1       | FW         |
| 738        | RNE 1, Palau de Plegamans (Barcelona), ID, News   | 333        | 2300       | 15/ 1       | FW         |
| 774        | Radio Nacional 1, various, ID, News, Talk         | 433        | 0200       | 17/ 1       | FW         |
| 774        | BBC Radio Kent, Littlebourne, Px Five Live        | 222        | 0205       | 17/ 1       | FW         |
| 792        | NDR Info, Lingen, Talk, ID, News                  | 433        | 2258       | 17/ 1       | FW         |
| 792        | SER Radio Sevilla, Sevilla, News                  | 222        | 2303       | 17/ 1       | FW         |
| 792        | France Info, Limoges-Nieul, Infos                 | 222        | 2310       | 17/ 1       | FW         |



| kHz  | Station, location; details heard etc                          | SIO | UTC  | Date  | Who |
|------|---|-----|------|-------|-----|
| 819  | Radio Euskadi, San Sebastián, Talk                            | 222 | 1925 | 18/ 1 | FW  |
| 819  | Rai Radio 1, Trieste, ID, Nat. Ath., S/off                    | 433 | 2259 | 18/ 1 | FW  |
| 846  | Radio North, Redcastle, Music "Honey Come Back"               | 333 | 0210 | 20/ 1 | FW  |
| 918  | Radio Slovenia; Music mix                                     | 434 | 2225 | 14/1  | JS  |
| 954  | Onda Cero Radio Madrid, ID, News                              | 433 | 0000 | 2/ 1  | FW  |
| 954  | ERA 2 Heraklion, Greek Music, ID, News                        | 222 | 2355 | 2/ 1  | FW  |
| 981  | Radio Star Country Co Monaghan; Ads for Amagh and ID          | F   | 0904 | 16/1  | JW  |
| 1017 | SWR Cont.Ra, Wolfsheim, ID, News                              | 333 | 2310 | 8/ 1  | FW  |
| 1017 | Radio Nacional 5, various, Talk YL                            | 222 | 2315 | 8/ 1  | FW  |
| 1026 | BBC R. Cambridgeshire, News                                   | 222 | 2305 | 10/ 1 | FW  |
| 1062 | RAI R. Sardegna, Local News, ID "RAI Sardenga"                | 222 | 0620 | 1/ 1  | FW  |
| 1071 | TalkSPORT, various, News (Sport Marion Jones)                 | 433 | 0200 | 12/ 1 | FW  |
| 1152 | LBC News 1152, Saffron Green, Talk, ID, News YL               | 333 | 0158 | 13/ 1 | FW  |
| 1152 | Gold 1152, Langley Mill (Birmingham), Music "Pretty Flamingo" | 222 | 0210 | 13/ 1 | FW  |
| 1161 | Tay AM, Greenside Scalp (Dundee), News about Dundee           | 333 | 2300 | 7/ 1  | FW  |
| 1161 | Magic 1161 AM, Goxhill, Info, Oldies                          | 333 | 2310 | 7/ 1  | FW  |
| 1170 | R. Capodistria/R.Slovenia Int'l, Beli Kriz, Px Slovenia Int.  | 433 | 0200 | 14/ 1 | FW  |
| 1170 | Radio Sawa, Al-Dhabbaya, Music, Talk                          | 222 | 0205 | 14/ 1 | FW  |
| 1170 | Belaruskaye Radio 1, Sasnovy, Px Voice of Russia              | 322 | 0210 | 14/ 1 | FW  |
| 1179 | România Actualitata, various, Music from Olivia Newton-John   | 444 | 0158 | 7/ 1  | FW  |
| 1179 | SER Radio Valencia/Rioja, News                                | 222 | 0205 | 7/ 1  | FW  |
| 1197 | Virgin 1215, various, ID, Infos, Music                        | 433 | 0200 | 16/ 1 | FW  |
| 1224 | Radio Bulgaria, Serbian ID "Radio Bugarska", S/off            | 444 | 2258 | 16/ 1 | FW  |
| 1224 | COPE various, News  | 222 | 2303 | 16/ 1 | FW  |
| 1269 | Deutschlandfunk, Neumünster, Classic Music, ID                | 444 | 0155 | 18/ 1 | FW  |
| 1269 | COPE Radio various, News OM                                   | 222 | 0202 | 18/ 1 | FW  |
| 1296 | R Cope Valencia; Football commentary                          | 333 | 1751 | 13/1  | JS  |
| 1314 | Radio Nacional 5, various, ID, News                           | 433 | 2300 | 19/ 1 | FW  |
| 1332 | BBC Radio Wiltshire Swindon; Music and talk prog              | 444 | 1950 | 15/1  | JS  |
| 1368 | Manx Radio IOM; Pop music ID                                  | 211 | 2245 | 12/1  | JS  |
| 1503 | BBC Radio Stoke; Pop music ID.                                | 444 | 2226 | 15/1  | JS  |
| 1539 | SER Radio Elche/Manresa, ID, News                             | 433 | 0200 | 5/ 1  | FW  |
| 1584 | R Tay Perth; Music and ID                                     | 212 | 2054 | 15/1  | JS  |

Many thanks to:

- FW      Friedhelm Wittlieb, Grundig Satellite 700, Martens-Fram Dortmund Germany
- JW      John Williams Hemel Hempstead AOR 7030 +40m long wire
- JS      John Robert Sadler Bishops Stortford \*details of receiver not given

I would like to thank JS for sending me his first contribution to my column. Unfortunately his handwritten list detailed over 60 stations - and I just do not have the time to type them.

Thanks also to Harry Richards for his note.

The closing date for the next issue is **24 February, 2008**

73's John

# DX LOGGINGS

✉ Glackin, 199 Clashmore, Lochinver, Lairg, Sutherland IV27 4JQ, Scotland  
with Martin Hall e-mail: dxlogs@mwcircle.org ☎ 01571-855360

| kHz | Callsign | Station, location; details heard etc   | SIO    | UTC  | Date  | Who   |
|-----|----------|--|--------|------|-------|-------|
| 261 |          | R Mayak, Chita, Russia; peaked mixing with Bulgaria (presume 0115 is local sunrise); <i>I checked using DX Atlas, and local sunrise is 0033 on this day, so peaking 42 minutes later - mah</i> |        | 0115 | 6/1   | TB    |
| 279 |          | Turkmen Radio, Ashgabat; Turkmen mx  | P      | 0052 | 6/1   | TB    |
| 540 |          | Main Arabic Programme, Sulaiyah, Kuwait; Arabic music, talk  | 222    | 0010 | 7/1   | FW    |
| 540 | CBT      | Grand Falls-Windsor NL; // 640 kHz, YL "CBC Radio One"   | Clr    | 0043 | 13/12 | BR    |
| 540 | CBT      | Grand Falls-Windsor NL; Deutsche Welle programme // 1140   | F      | 0824 | 10/1  | PC    |
| 550 | CHLN     | Trois Rivières QC; FF studio discussion  | W/F    | 0816 | 5/1   | PC    |
| 550 | CHLN     | Trois-Rivières QC; FF recorded announcement repeated "La station CHLN .. diffuse maintenant ... la bande FM ..." etc   | F/G    | 0923 | 13/1  | mah   |
| 550 | HJ--     | RN de Colombia, 2 sites listed; SS anns, "Radio Nacional de Colombia", "Música colombiana" – lively LA mx; at 0756 anns "radionacionaldecolombia.gov.com" etc; // 680 kHz                      | F/Gpks | 0741 | 6/1   | mah   |
| 555 | ZIZ      | Basseterre, St Kitts; BBC World Service  | F      | 0819 | 6/1   | PC    |
| 555 | ZIZ      | Radio ZIZ, St Kitts; BBCWS relay   | F      | 0705 | 8/1   | HPDK  |
| 560 | CHVO     | Spaniard's Bay NL; VOXM IDs; also CHVO ID 2311 5/11  | W      | 2118 | 4/1   | PC    |
| 560 | CHVO     | Spaniard's Bay NL; new ID "103.9 FM Kixx Country"  | F      | 0756 | 10/1  | PC    |
| 560 | WGAN     | Portland ME; for a short time equal/under CHVO – US tlk  | W      | 0736 | 11/1  | Rha   |
| 570 | CMDC     | R Reloj, Santa Clara; SS political tlk   | W/F    | 0730 | 8/1   | HPDK  |
| 580 | CKUA     | Edmonton AB; educational talk, phone-in  | W      | 1125 | 31/12 | DX183 |
| 580 | CFRA     | Ottawa ON; "We are news talk radio 5-80 CFRA" (P)  | W/F    | 0800 | 10/1  | PC    |
| 580 | WKAQ     | San Juan PR; SS talk on economy  | F      | 0745 | 10/1  | HPDK  |
| 580 | HJHP     | R Nacional, Cali (pres); light romántica mx & chants   | W      | 0748 | 11/1  | Rha   |
| 590 | VOXM     | St John's NL; ID, "Information and news", MOR mx   | F      | 2125 | 2/1   | OH    |
| 590 | VOXM     | St John's NL; end of phone in, mention of VOXM then into local ads (P)   | F      | 0000 | 4/1   | PC    |
| 590 | VOXM     | St John's NL; country music  | W      | 2258 | 9/1   | JW    |
| 590 | VOXM     | St John's NL; "You're listening to 5-90 VOXM St John's Newfoundland"   | F/G    | 0730 | 20/1  | JWe   |
| 600 | CBNA     | St Anthony NL; "This is the CBC News" (P)  | F      | 0000 | 4/1   | PC    |
| 600 | CBNA     | St Anthony NL; CBC ID, BBCWS relay   | W/F    | 0735 | 8/1   | HPDK  |
| 600 | CMKV     | R Rebelde, Urbano Noris; SS noticias, ID "Rebelde La Habana, emisora de la revolución"   | F      | 0701 | 7/1   | mah   |
| 610 | CHNC     | New Carlisle QC; jazz, FF announcement and FF song (P)   | W/F    | 0000 | 4/1   | PC    |
| 610 | CHNC     | New Carlisle QC; sombre French OM talking slowly // 1150   | F      | 0637 | 9/1   | JF    |
| 610 | ZYL268   | R Itatiaia, Belo Horizonte; talk   | W      | 0110 | 31/12 | DX183 |
| 620 | CKCM     | Grand Falls NL; country mx "5-90 VOXM"   | F      | 0713 | 3/1   | PC    |
| 620 | CKCM     | Grand Falls NL; VOXM C&W mx/songs, anns  | W/Fpks | 0720 | 12/1  | Rha   |
| 621 |          | Voice of the Arabs, Batrah, Egypt; ID "Sawt al-arab min a-qahira"  | 222    | 0200 | 11/1  | FW    |
| 640 | CBN      | St John's NL; "This is CBC News" (P)   | F      | 0000 | 4/1   | PC    |
| 640 | CBN      | St John's NL; CBC Overnight talk "... this is CBC Radio One"   | W/F    | 0725 | 12/1  | Rha   |

| <b>kHz</b> | <b>Callsign</b> | <b>Station, location; details heard etc</b>   | <b>SIO</b> | <b>UTC</b> | <b>Date</b> | <b>Who</b> |
|------------|-----------------|---|------------|------------|-------------|------------|
| 650        | CKGA            | Gander NL; end of phone in // 590 kHz but then into local ads for Gander (P)  | F          | 0000       | 4/1         | PC         |
| 660        | KFAR            | Fairbanks AK; talk, phone-in  | W          | 1440       | 31/12       | DX183      |
| 660        | WFAN            | New York NY; "20/20 Sports on WFAN"   | G          | 0806       | 10/1        | PC         |
| 660        | WFAN            | New York City NY; "Your flagship station for college football and Superbowl ... The Fan Sports Radio 66, WFAN and WFAN-HD New York"           | F          | 0400       | 19/1        | AB         |
| 666        |                 | IRIB 1, Shushtar, Iran; music   | 222        | 2310       | 12/1        | FW         |
| 670        | CMBA            | R Rebelde, Arroyo Arenas; mx // 5025kHz   | F          | 0352       | 10/1        | AB         |
| 680.01     | KBRW            | Barrow AK; pop music audible & anns to "KBRW & kbrw.org worldwide-web"; 360° antenna  | W/Fpks     | 1024       | 4/1         | Rha        |
| 680        | WRKO            | Boston MA (pres); C2C talk; only on 290°; also W 0733 12/1  | W          | 0737       | 6/1         | Rha        |
| 680        | WRKO            | Boston MA; tlk on Kennedy ID "We are AM 6-80 WRKO"  | F          | 0725       | 10/1        | HPDK       |
| 680        | CJOB            | Winnipeg MB; CJOB ID heard just before toth   | W          | 0900       | 31/12       | PC         |
| 680        | CFTR            | Toronto ON; "6-80 News time, 2.18"  | F          | 0718       | 30/12       | PC         |
| 680        | CFTR            | Toronto ON; YL with five day forecast then ID "All news radio 6-80"   | F          | 0619       | 4/1         | AB         |
| 680        | CM--            | R Progreso, 3 sites listed; SS rumba mx   | F          | 0730       | 13/1        | HPDK       |
| 690        | CINF            | Montréal QC (pres); FF talk   | W/F        | 2342       | 2/1         | PC         |
| 690        | CINF            | Montréal QC; OM & YL alternating in talk // internet stream   | F          | 2153       | 5/1         | JF         |
| 700        | WLW             | Cincinnati OH; America's Trucking Network then "You're listening to the Home of the Reds - News Radio 700 WLW" (P)                            | W/F        | 0800       | 10/1        | PC         |
| 700        | WLW             | Cincinnati OH (presumed); traces of talk, "trucker's talkshow"- 699,98 better   | W          | 0807       | 11/1        | Rha        |
| 700        |                 | Nationwide R, Hague, Jamaica; discussion about relationship problems and being a victim of love; // internet with only a very short lag       | F          | 0250       | 7/1         | JF         |
| 700        |                 | Hague, Jamaica; "Nationwide Radio on the (RBI?) digital AM band" IDs  | F/Gpk      | 0812       | 7/1         | mah        |
| 700        |                 | RJR R Jamaica (tent); BBCWS relay   | F          | 0650       | 8/1         | HPDK       |
| 700        |                 | Nationwide Radio, Montego Bay; news, "That's the news from JBC" then sports news with emphasis on cricket mentioning many West Indies islands | W/F        | 2250       | 8/1         | PC         |
| 700        | HCRS2           | R Sucre, Guayaquil; tuned in to catch SS "... en Radio Sucre"   | Fpk        | 0841       | 23/1        | mah        |
| 710        | WOR             | New York, NY; "... A good neighbour message from your friends at WOR"   | G          | 2256       | 5/1         | PC         |
| 710        | KIRO            | Seattle WA; "This is the Dave Ross Show on News Talk 7-10 Kiro"   | Fpk        | 1008       | 4/1         | mah        |
| 710        | CKVO            | Clarenville NL; country mx // 620 kHz   | W          | 0717       | 3/1         | PC         |
| 710        | CKVO            | Clarenville NL; soft pops // 740 kHz  | W          | 2256       | 14/1        | BD         |
| 710        | CMW             | R Rebelde, La Julia; SS ID, news; also G 0721 8/1   | F          | 0659       | 7/1         | HPDK       |
| 710        | CM--            | R Rebelde; 4 sites listed; operatic music // 610, 1180 and 5025kHz  | F          | 0745       | 10/1        | SW         |
| 710        | CM--            | Radio Rebelde, 4 sites listed; SS news // 670 kHz; usual 'bird' interval sign (P)   | F          | 0800       | 10/1        | PC         |
| 711        |                 | RTM A, various sites, Morocco; Arabic music, talk   | 222        | 2310       | 13/1        | FW         |
| 730        | CKAC            | Montréal QC; FF talk  | F          | 0825       | 5/1         | PC         |
| 730        | HJCU            | Radio Lider, Bogotá; "En Radio Lider esta ..(??) las ultimas noticias" (P)  | W/F        | 0101       | 11/1        | PC         |

| kHz    | Callsign | Station, location; details heard etc  | SIO    | UTC  | Date  | Who   |
|--------|----------|---|--------|------|-------|-------|
| 730    | HJCU     | R Líder, SF de Bogotá; SS anns “En Radio Líder las ultimas noticias, informativos el mundo y cultura R Líder 730 AM”  | W/F    | 0800 | 11/1  | Rha   |
| 740    | CBX      | Edmonton AB; talk, CBC Radio One News   | W      | 1155 | 31/12 | DX183 |
| 740    | CHCM     | Marystown NL; promo for VOXM Morning Show   | F      | 2336 | 29/12 | PC    |
| 740    | CHCM     | Marystown NL; VOXM pops   | W/F    | 0759 | 9/1   | BD    |
| 740    | CHCM     | Marystown NL; VOXM satellite weather and VOXM sung jingle   | F      | 0608 | 20/1  | AB    |
| 740    | CMKO     | R Angulo, Holguín; 6 tone IS, overmodulated YL in SS with TC “... , 3, 30 minutos”; IS is the same as my log of 29 Oct 06 and AB’s log of 28 Dec 07                               | F/G    | 0830 | 7/1   | mah   |
| 740    | ZYH446   | R Soc de Bahia, Salvador; PP OM tlk mention Bahia   | F      | 0625 | 10/1  | HPDK  |
| 750    | KFQD     | Anchorage AK (pres); promo talk, xd oldie station; CKJH ? No ID - 360° antenna  | v/W    | 1050 | 4/1   | Rha   |
| 750    | WSB      | Atlanta GA; “Newstalk 7-50 WSB Atlanta” (P)   | W/F    | 0900 | 5/1   | PC    |
| 750    | CMHV     | Radio Progreso, Trinidad, Sancti Spiritus; “Radio Progreso, Cadena Nacional la onda de la alegría transmitiendo desde La Habana, Cuba. 3 y 30 minutos” (P); <b>personal first</b> | F      | 0830 | 10/1  | PC    |
| 750    | ZYL213   | R América, Belo Horizonte; tlk, anns  | W      | 0420 | 8/1   | DX183 |
| 750    | YVKS     | RCR, Caracas; “”RCR” IDs in SS announcements (P)  | F/G    | 0000 | 4/1   | PC    |
| 750    | YVKS     | RCR, Caracas; jingle and “RCR” IDs after news   | F      | 0205 | 16/1  | JF    |
| 760    | WJR      | Detroit MI; ABC News, ID “In the WJR newsroom”  | Clr    | 2305 | 6/1   | BR    |
| 760    | WJR      | Detroit MI; ad followed by link back into more “Moral Dilemmas” on Newstalk 7-60 WJR  | G      | 0400 | 10/1  | AB    |
| 760    | WJR      | Detroit, MI; “This is the Great Voice of the Great Lakes, News Talk 7-60” then sung “WJR” (P)   | W/F    | 0800 | 10/1  | PC    |
| 760    | WCHP     | Champlain NY (pres); Bible talk   | F      | 2123 | 4/1   | PC    |
| 760    | ZYH588   | R Uirapuru, Fortaleza (pres); PP talk – early appearance  | W/F    | 2038 | 14/1  | PC    |
| 760    | HJAJ     | RCN, Barranquilla; program trailers; possibly “RCN” then definitely “la radio de Colombia”  | W/F    | 0206 | 21/1  | PC    |
| 770    | WABC     | New York NY; ID at toth “...WABC New York City, it’s 3 o’ clock”, then ABC News (P)   | W/F    | 0800 | 10/1  | PC    |
| 770    | CHQR     | Calgary AB; news  | W      | 1205 | 31/12 | DX183 |
| 770    | CMKB     | R Rebelde; Latin mx, // 5025 kHz  | W/F    | 0705 | 7/1   | HPDK  |
| 770    | CM--     | R Rebelde, unknown location; “Rebelde, al ritmo de la vida”   | G      | 0849 | 7/1   | mah   |
| 774    |          | Middle East Radio, Abis, Egypt; music, ID, news   | 222    | 0155 | 17/1  | FW    |
| 780.01 | KNOM     | Nome AK (pres); light music in noise/splatter; 360° antenna   | W      | 1040 | 4/1   | Rha   |
| 780    | WBBM     | Chicago IL; nx  | W      | 0830 | 29/12 | DX183 |
| 780    | WBBM     | Chicago IL; news reports, “WBBM News time2.24”  | F/G    | 0824 | 4/1   | mah   |
| 780    | CFDR     | Dartmouth NS; country songs   | W      | 2326 | 3/1   | JW    |
| 780    | CFDR     | Dartmouth NS; good but splattered; C&W, “Kixx Classic Country”  | G      | 0225 | 8/1   | JF    |
| 780    | CFDR     | Halifax NS; “CFDR 7-80 AM Halifax is Classic Country 7-80 Kixx” (P)   | F/G    | 0800 | 10/1  | PC    |
| 780    | YVMN     | Radio Coro; MOR Latin rhythms & “Radio Coro” ID   | W      | 0756 | 9/1   | BD    |
| 789.99 | KCAM     | <b>Glenallen AK (pres); religious tlk &amp; “Back to the Bible” lessons; dominant over CFCW, 360° antenna</b>   | W/Fpks | 1043 | 4/1   | Rha   |
| 790    | WAXY     | South Miami FL Fox Sport tlk on NY Giants; F 0430 8/1   | F/G    | 0805 | 7/1   | HPDK  |
| 790    | WAXY     | South Miami FL; usual sports programming “We’re the Fox Sports Station for the Florida Panthers Radio network, WAXY 7-90 The Ticket”  | F      | 0600 | 10/1  | AB    |

| kHz   | Callsign    | Station, location; details heard etc  | SIO    | UTC  | Date  | Who   |
|-------|-------------|---|--------|------|-------|-------|
| 790   | WAXY        | South Miami FL; Fox sports tk, ID "The Ticket 7-90"   | W      | 0740 | 12/1  | Rha   |
| 790   | WAXY        | South Miami FL; Florida Panthers Radio Network. "W-A-X-Y South Miami" ID (P)  | W      | 0000 | 21/1  | PC    |
| 790   | CFCW        | Camrose AB; country mx  | F      | 1140 | 31/12 | DX183 |
| 790   | CFCW        | Camrose AB; country mx, "7-90 CFCW"   | F/G    | 0914 | 4/1   | mah   |
| 790.1 | CFCW        | Camrose AB; easy C&W music/songs& anns "CFCW Country on Newcap Radio"; also W/Fpks 0750 12/1                                      | W/Fpks | 1047 | 4/1   | Rha   |
| 790   | CMAQ        | R Reloj, Pinar del Rio, SS news "RR" CW ID  | W/F    | 0709 | 7/1   | HPDK  |
| 800   | VOWR        | St John's NL; local notices for St John's (P)   | W/F    | 0000 | 4/1   | PC    |
| 800   | VOWR        | St John's NL; light music, Irish folk also  | W      | 0657 | 5/1   | Rha   |
| 800   | VOWR        | St John's NL; VOWR ID + dot org ID, country mx  | F      | 0740 | 8/1   | HPDK  |
| 800   | VOWR        | St John's NL; ID & slogan   | F      | 0803 | 12/1  | SW    |
| 800   | VOWR        | St John's NL; romantic folk mx  | W      | 2245 | 14/1  | BD    |
| 800   | CKLW        | Windsor ON; "AM 800 CKLW The Information Station"   | F      | 0911 | 4/1   | mah   |
| 800   | CKLW        | Windsor ON; C2C talk show // 870 kHz  | W      | 0825 | 10/12 | BD    |
| 800   | CHRC        | Québec QC; FF talk xf VOWR  | W/F    | 0753 | 5/1   | PC    |
| 800   | CHRC        | Québec QC; French news // 730 kHz   | F      | 0801 | 12/1  | SW    |
| 800   | PJB         | TWR, Bonaire (pres); Bible study program rising above VOWR (P)  | F      | 0001 | 4/1   | PC    |
| 819   |             | General Programme, Batra, Egypt; Arabic talk, music   | 433    | 1933 | 18/1  | FW    |
| 820   | WBAP        | Fort Worth TX; anns "News Talk 8-20 WBAP -WBAP newstime 2 o'clock"  | W/Fpks | 0800 | 6/1   | Rha   |
| 820   | CHAM        | Hamilton ON; old C&W music/songs  | W      | 0815 | 7/1   | Rha   |
| 820   | CM--        | R Reloj, Contraestre; "RR" CW ID  | W/F    | 0715 | 9/1   | HPDK  |
| 820   |             | TBN Charlestown, Nevis; OM "Welcome to TBN"   | Clr    | 2254 | 27/11 | BR    |
| 820   |             | TBN Charlestown, Nevis; The Dino Show, matching sched (P)   | F      | 0000 | 4/1   | PC    |
| 830   | WCRN        | Worcester MA; OM "Weather is 40 degrees in Worcester"   | Clr    | 2310 | 27/11 | BR    |
| 830   | WCRN        | Worcester MA; promo for right wing talk programme; "8-30 WCRN"  | F/G    | 0823 | 30/12 | PC    |
| 830   | WCRN        | Worcester MA; "Peter Blute weekday mornings at 6 on True Talk 8-30 WCRN"  | F/G    | 0834 | 9/1   | mah   |
| 830   | WCRN        | Worcester MA; ad for medical hair, WCRN ID  | W/F    | 0815 | 12/1  | HPDK  |
| 830   | WCCO        | Minneapolis MN; WCCO jingle. "2.35 here on 8-3-0 WCCO"; above WCRN  | F      | 0835 | 31/12 | PC    |
| 830   | WCCO        | Minneapolis MN (pres); sports talk  | W      | 0846 | 11/1  | Rha   |
| 830   | CKKY        | Wainwright AB; country  | W      | 0850 | 1/1   | DX183 |
| 840   | WHAS        | Louisville KY; "News Radio 84 WHAS"   | W      | 0830 | 5/1   | PC    |
| 840   | CMHW        | Doblevé, Santa Clara; Cuban mx, SS anns   | W      | 0804 | 4/1   | Rha   |
| 840   | CMHW        | Doblevé, Santa Clara; SS light songs  | W/F    | 0744 | 8/1   | HPDK  |
| 840   | CMHW        | Doblevé, Santa Clara; SS nx, TC "3, 4 minutos en Doblevé al ritmo de la noche ..."; also F 0908 10/1                              | F      | 0802 | 14/1  | mah   |
| 840   | <b>4VEH</b> | <b>Cap Haitien, Haiti</b> ; religious programme with choral songs and talk checked in // with internet stream for several minutes | F      | 0233 | 8/1   | JF    |
| 850   | WFTL        | West Palm Beach FL; ID "Hi, I am ... on WFTL"   | W/F    | 0948 | 10/1  | HPDK  |
| 850   | WFTL        | West Palm Beach FL; weak sports "... sports station Newstalk 8-5-0 WFTL"  | W      | 0807 | 13/1  | AB    |
| 850   | WEEI        | Boston MA; WEEI ID at toth, local ads (P)   | W/F    | 0000 | 4/1   | PC    |
| 850   | WEEI        | Boston MA; "Sports Radio 8-50 WEEI" and Fox National Sports Report  | F      | 0800 | 10/1  | SW    |

| <b>kHz</b> | <b>Callsign</b> | <b>Station, location; details heard etc</b>   | <b>SIO</b> | <b>UTC</b> | <b>Date</b> | <b>Who</b> |
|------------|-----------------|---|------------|------------|-------------|------------|
| 860        | CFPR            | Prince Rupert BC; tlk, "Radio One" (CBC)  | W          | 1420       | 31/12       | DX183      |
| 860        | CJBC            | Toronto ON; FF nostalgia songs  | W          | 0830       | 10/12       | BD         |
| 860        | CJBC            | Toronto ON; FF song – Cajun fiddle music  | G          | 0829       | 31/12       | PC         |
| 860        | CJBC            | Toronto ON; CBC programme & FF announcements  | W          | 0752       | 7/1         | Rha        |
| 860        | XECTL           | R Chetumal (pres); pop music/songs & SS anns  | W          | 0740       | 7/1         | Rha        |
| 870        | WWL             | New Orleans LA; C2C talk show // 1700 kHz   | F          | 0755       | 10/12       | BD         |
| 870        | WWL             | New Orleans LA; just caught "WWL" as I tuned to frequency. Music then handover to C2C at 0736   | G          | 0734       | 30/12       | PC         |
| 870        | WWL             | New Orleans LA C2C talks  | W          | 0712       | 10/1        | HPDK       |
| 870        | WWL             | New Orleans LA; 2 x WWL IDs after advert. Strongest North American on the band!   | F          | 0218       | 16/1        | JF         |
| 870        | CMDT            | R Reloj, Sancti Spiritus; nx, // 960 kHz  | F          | 0810       | 7/1         | DX183      |
| 870        | CMDT            | R Reloj, Sancti Spiritus; SS ID, tlks   | F          | 0810       | 7/1         | HPDK       |
| 880        | WCBS            | New York NY; "WCBS news time 6.55"  | F/G        | 2335       | 29/12       | PC         |
| 880        | WCBS            | New York NY; jewellery valuations commercial followed by WCBS News traffic report   | F          | 0609       | 4/1         | AB         |
| 890        | WLS             | Chicago IL (pres); Coast to Coast   | F          | 0851       | 31/12       | PC         |
| 890        | WAMG            | Dedham MA (pres); ESPN Sports (P)   | W          | 0000       | 4/1         | PC         |
| 890        | WAMG            | Dedham MA; ESPN sports talk   | F          | 2138       | 4/1         | BD         |
| 890        | WAMG            | Dedham MA; faint and difficult to get all the words, but "8-90 ESPN, we're WAMG Dedham Boston, 1400 WLLH Lowell..." then ESPN Radio Sports Centre | W          | 0400       | 6/1         | AB         |
| 890        | WAMG            | Dedham MA; ESPN Radio ID  | W          | 0708       | 10/1        | HPDK       |
| 900        | CMKP            | Radio Progreso, Cacocum; ID at toth "Radio Progreso Cadena Nacional, la onda de la (??) , desde La Habana, Cuba. Tres de la madrugada" (P)        | W/F        | 0800       | 10/1        | PC         |
| 900        | YVMD            | R Mara Ritmo 900, Maracaibo; "...Venezuela, Mara Ritmo 900 AM" and then "8-30" in a different voice (P)   | F          | 0100       | 11/1        | PC         |
| 900        | UNID            | Latinamerican tlk station with SS tlks; equal/under RAI; no ID caught   | W          | 0813       | 4/1         | Rha        |
| 910        | CMFA            | R Cadena Agramonte, Camagüey; nx, rumba, Latin songs  | F          | 0800       | 7/1         | DX183      |
| 910        | CMFA            | R Cadena Agramonte, Camagüey; "... transmite Radio Cadena Agramonte, Camagüey, Cuba"  | F/Gpks     | 0901       | 7/1         | mah        |
| 920        | CJCH            | Halifax NS; pops and "This is 92 CJCH. All music, all the time"   | F          | 0800       | 6/1         | AB         |
| 920        | CJCH            | Halifax NS; "This is 92 CJCH, all oldies all the time" (P)  | W/F        | 0800       | 9/1         | PC         |
| 920        | CKNX            | Wingham ON; "Hometown Radio 9-20 CKNX"  | Wpks       | 0840       | 4/1         | mah        |
| 920        | CKNX            | Wingham ON; "This is the information leader of Midwestern Ontario. AM 9-20 CKNX. And now the news" (P)  | F          | 0800       | 10/1        | PC         |
| 930        | WBEN            | Buffalo NY; "WBEN news time 6 o' clock"   | F          | 2300       | 10/1        | PC         |
| 930        | WBEN            | Buffalo NY; C2C tlk & WBEN anns; then another full ID "News Radio 9-30 WBEN"  | W/Fpks     | 0855       | 11/1        | Rha        |
| 930        | CFBC            | Saint John NB; non-stop oldies and "CFBC" ID  | Clr        | 2222       | 5/11        | BR         |
| 930        | CFBC            | Saint John NB; "Good time Oldies – 93 CFBC"   | W          | 0912       | 31/12       | PC         |
| 930        | CFBC            | Saint John NB; ID, 70s Oldie  | W/F        | 0605       | 10/1        | HPDK       |
| 930        | CFBC            | Saint John NB; "Good Time Oldies" ID  | G          | 0020       | 17/1        | SW         |
| 930        | CJYQ            | St John's NL; Newfoundland folk music   | Clr        | 2222       | 5/11        | BR         |
| 930        | CJYQ            | St John's NL; ID "Radio Newfoundland", local ad   | 222        | 2255       | 3/1         | FW         |
| 930        | CJYQ            | St John's NL; "Our music, our heritage, Radio Newfoundland"   | F/G        | 0800       | 10/1        | PC         |

| kHz  | Callsign | Station, location; details heard etc   | SIO  | UTC  | Date  | Who   |
|------|----------|--|------|------|-------|-------|
| 930  | CJYQ     | St John's NL; Newfoundland fiddle mx, wx, ID CJYQ 9-30 AM  | W/F  | 0829 | 14/1  | HPDK  |
| 930  | CJYQ     | St John's NL; folk mx  | F    | 2240 | 14/1  | BD    |
| 930  | UNID     | OM "Back to the Bible" tlk about faith; deep QSB   | Clr  | 2222 | 5/11  | BR    |
| 940  | WINZ     | Miami FL; "WINZ Miami" and "This is 9-40 Winz"   | W/F  | 0800 | 6/1   | mah   |
| 940  | CINW     | Montreal QC; local ads for Montreal  | G    | 0732 | 30/12 | PC    |
| 950  | CFAM     | Altona MB; classical music – // and stronger than 1250 kHz   | F    | 0837 | 31/12 | PC    |
| 950  | CKNB     | Campbellton NB; "Your community, your radio station, 95 CKNB"  | F    | 0801 | 30/12 | PC    |
| 950  | CKNB     | Campbellton NB; very weak "... your radio station 95 CKNB", vW music following   |      | 0809 | 13/1  | AB    |
| 950  | CM--     | Radio Reloj, 2 sites listed; Rolling SS news with "RR" ID  | W    | 0807 | 30/12 | PC    |
| 960  | WEAV     | Plattsburgh NY (presumed); NFL News mixing CFFX  | W    | 2321 | 5/1   | JF    |
| 960  | WEAV     | Plattsburgh NY; ID "You're listening to The Zone 96.7 FM, 9-60 AM, 13-20 AM"   | Fpk  | 0934 | 22/1  | mah   |
| 960  | CFFX     | Kingston ON; various songs // internet stream  | W    | 2153 | 5/1   | JF    |
| 960  | CFFX     | Kingston ON; DX test with Morse code, sweep tones etc "CFFX" repeated and "KINGSTON". Commemorating MW closure of the station. Rec: <a href="http://paulc.mediumwaveradio.org/audio/cffxmorse.mp3">http://paulc.mediumwaveradio.org/audio/cffxmorse.mp3</a>  | W    | 0601 | 15/1  | PC    |
| 960  | CM--     | R Reloj, 2 sites listed; usual rolling SS news with time announcements and "Radio Reloj" ID. Strong  | G    | 0751 | 6/1   | PC    |
| 970  | WDAY     | Fargo ND; re my previous logging of WDAY 970 reported last month: apparently a couple of members have queried my logging (no need to do this anonymously !!) so I went back & re-listened to my recordings and also enlisted the ears of Andrew Brade & Martin Hall for 2nd and 3rd opinions. These gents think I heard WZAN, but I think one of my two recorded IDs sounds like WDAY; the second less so. However, since my recordings can't convince other experienced DXers, <b>I'll withdraw the log entry for WDAY.</b> | Fpks | 0058 | 7/12  | SW    |
| 970  | WZAN     | Portland ME; weather news "9-70 WZAN"  | F    | 0027 | 4/1   | PC    |
| 970  | WZAN     | Portland ME; promo for John & Jeff Show and local IDs  | Fpk  | 0806 | 10/1  | SW    |
| 970  | WZAN     | Portland ME; man-talk phone-in & ID "Radio for men, 9-70 WZAN"   | W    | 0918 | 11/1  | Rha   |
| 970  | WSTX     | Christiansted USVI (pres); light music & Caribbean sounds under noise/splatter; no ID, but I guess it was WSTX; only on 280° antenna   | vW   | 0924 | 11/1  | Rha   |
| 970  | YV--     | R Mundial Oriente, Barcelona; several "Mundial Nueve Sesenta" IDs; lively Latin rhythms  | F    | 0243 | 8/1   | JF    |
| 980  | WHSR     | Pompano Beach FL; Haitian programming; English ID at 0715 "This is WHSR Pompano Beach"; <b>personal first!</b>   | F    | 0715 | 9/1   | JF    |
| 980  | WHSR     | Pompano Beach FL OM FF/Creole tlks   | W    | 0846 | 9/1   | HPDK  |
| 980  | WHSR     | Pompano Beach FL; FF/Creole tlk  | W    | 0850 | 9/1   | DX183 |
| 980  | CKRU     | Peterborough ON; "9-80 Cruise" ID and oldies   | F    | 0706 | 9/1   | JF    |
| 990  | CBY      | Corner Brook NL (pres); anns, CBC overnight tlk  | W    | 0927 | 11/1  | Rha   |
| 1000 | WMVP     | Chicago IL; ESPN Sports  | W    | 0755 | 30/12 | DX183 |
| 1000 | WMVP     | Chicago IL; "ESPN Radio Sports Centre"   | F    | 0722 | 4/1   | mah   |
| 1000 | KOMO     | Seattle WA; "Komo Radio" info, ads   | F    | 0750 | 30/12 | DX183 |

| <b>kHz</b> | <b>Call sign</b> | <b>Station, location; details heard etc</b>   | <b>SIO</b> | <b>UTC</b> | <b>Date</b> | <b>Who</b> |
|------------|------------------|---|------------|------------|-------------|------------|
| 1000       | <b>CMDF</b>      | <b>R Granma, Manzanillo;</b> “Esta es Radio Granma, mil kiloHertz AM, 96.5 MHz FM, Manzanillo, Cuba”; <b>UK FIRST</b>           | Fpk        | 0829       | 14/1        | mah        |
| 1000       | HJAQ             | RCN Cartagena; SS anns “Colombia la Nuestra, de RCN 28 años”, “La Radio de Colombia” jingle; 0830 “RCN Noticias”                | Fpks       | 0827       | 14/1        | mah        |
| 1000       | UNID             | PP announcements with addresses. No ID at toth. Probably R Record but didn’t sound like it. Will seek advice                    | W/F        | 0700       | 30/12       | PC         |
| 1010       | WINS             | New York NY; “Wins news time 6.41”  | F          | 2341       | 30/12       | PC         |
| 1010       | WINS             | New York NY; 10-10 IDs, wx  | W/F        | 0600       | 10/1        | HPDK       |
| 1010       | WINS             | New York NY; OM “3.15 time for the 10-10 WINS Sports news”  | F          | 0815       | 10/1        | JW         |
| 1010       | WINS             | New York City NY; 10-10 WINS weather  | W          | 0833       | 20/1        | AB         |
| 1010       | CFRB             | Montreal QC; “News talk 10-10 CFRB”   | G          | 0758       | 30/12       | PC         |
| 1010       | CFRB             | Toronto ON; YL ID “Newstalk 10-10 CFRB”   | F          | 2318       | 3/1         | JW         |
| 1010       | CFRB             | Toronto ON; CFRB national news  | W/F        | 0903       | 9/1         | BD         |
| 1010       | CFRB             | Toronto ON; “CFRB News, I’m John Erskine”; also “On Newstalk 1010 in Toronto and CJAD 800 in Montreal”                          | G          | 0609       | 10/1        | AB         |
| 1010       | CFRB             | Toronto ON; several IDs & slogans; dominant on 1010   | G          | 0041       | 16/1        | SW         |
| 1017       |                  | TRT-1, Mudanya, Turkey; ID "Radio Bir"  | 222        | 2300       | 8/1         | FW         |
| 1020       | WRHB             | Kendall FL; Creole/FF tlk noted for about 10 minutes from 0957 in and out of the mix; poor EE “WRHB 10-20 AM ...” noted at 1000 | Fpks       | 0957       | 6/1         | mah        |
| 1020       | KDKA             | Pittsburgh, PA; weak “KDKA” ID then hand over to talk show  | W          | 0736       | 3/1         | PC         |
| 1020       | KDKA             | Pittsburgh PA; “On News Radio 10-20 KDKA” followed by weather   | W          | 0607       | 4/1         | AB         |
| 1020       | CM--             | R Reloj, 3 sites listed (WRTH 2008 shows Jorobo as the Reloj site); usual SS rolling news, IDs, ticks, pips, Morse “RR”         | Fpks       | 0940       | 6/1         | mah        |
| 1020       |                  | Caribbean Christian Radio, Grand Turk (tent); EE Christian mx   | W/F        | 0810       | 14/1        | HPDK       |
| 1026       |                  | IRIB 1, Tabriz, Iran; music, ID, news   | 333        | 2255       | 10/1        | FW         |
| 1030       | WBZ              | Boston MA; with WBZ news & reports  | W/F        | 0728       | 4/1         | Rha        |
| 1030       | WBZ              | Boston MA; WBZ-HD and online IDs followed by wx   | F          | 0258       | 10/1        | AB         |
| 1030       | WBZ              | Boston MA; ID “WBZ News”; brief appearance  | Fpk        | 0805       | 10/1        | SW         |
| 1040       | CKST             | Vancouver BC; sports talk   | F          | 1110       | 31/12       | DX183      |
| 1050       | WEPN             | New York NY; “10-50 ESPN New York” repeated   | F/G        | 0820       | 31/12       | PC         |
| 1050       | WEPN             | New York NY; ESPN Magazine  | W          | 2325       | 3/1         | JW         |
| 1050       | WEPN             | New York NY; “ESPN 10-50” with sports & reports   | W/F        | 0732       | 4/1         | Rha        |
| 1050       | WEPN             | New York City NY; local basketball promotion ending “tune in to 10-50 ESPN New York” then ESPN Sports Centre                    | Fpks       | 0642       | 13/1        | AB         |
| 1050       | CHUM             | Toronto ON; mixing with WEPN. Oldies ‘Heard it through the Grapevine’ matching playlist on website                              | F          | 0823       | 31/12       | PC         |
| 1050       | CHUM             | Toronto ON; “The Boogie Man” with quiz noted at this time   | G          | 2337       | 5/1         | JF         |
| 1050       | CHUM             | Toronto ON (pres); DJ discussing hits of the sixties  | Fpk        | 2341       | 11/1        | SW         |
| 1050       | ZYI203           | R Capixaba, Vitória; PP reports   | W          | 0020       | 31/12       | DX183      |
| 1060       | WBIX             | Natick MA; several good “WBIX” IDs  | F          | 2116       | 5/1         | PC         |
| 1060       | XEEP             | R Educación, México DF; jazz version of ‘I’m in the mood for love’ // 6185 kHz  | W/F        | 0728       | 30/12       | PC         |
| 1060       | XEEP             | R Educación, México DF; lots of piano music and “Radio Educación” mentioned during discussion between tracks                    | F          | 0156       | 12/1        | AB         |
| 1060       | XEEP             | R Educación, Mexico City; full ID nice and clear  | G          | 0100       | 17/1        | SW         |
| 1060       | ZYL278           | R Grande Belo Horizonte, Pedro Leopoldo; PP tlk   | W          | 0025       | 31/12       | DX183      |



| kHz     | Callsign    | Station, location; details heard etc  | SIO    | UTC  | Date  | Who   |
|---------|-------------|---|--------|------|-------|-------|
| 1070    | CBA         | Moncton NB; light pops, CBC promos into CBC News and CBC News Forum   | F/G    | 0542 | 19/11 | MM    |
| 1070    | CBA         | Moncton NB; CBC programme about S Africa  | F/F    | 2343 | 30/12 | PC    |
| 1070    | CBA         | Moncton NB; CBC current affairs   | W      | 2308 | 7/1   | BD    |
| 1071    |             | General Arabic Programme, various sites; Koran; <i>is this Saudi Arabia? - mah</i>  | 322    | 0210 | 12/1  | FW    |
| 1080    | WTIC        | Hartford CT (pres); Coast to Coast  | F      | 0819 | 31/12 | PC    |
| 1080    | WTIC        | Hartford CT; CBS News; ID; local temperature; local news  | Exc    | 0803 | 10/1  | SW    |
| 1080    | CMCH        | R Cadena Habana, Güines; SS anns, "... de la Cadena Habana" and then seemed to be playing tangos! – xf station with EE tlk about child development (WTIC?) and another, weaker EE station | W      | 1031 | 6/1   | mah   |
| 1090    | <b>KPTK</b> | <b>Seattle WA</b> ; national progressive talk on "Seattle's progressive tlk AM 10-90"; <b>personal first</b>  | W      | 0750 | 4/1   | Rha   |
| 1098    | BED97       | CBS Kouhu, Taiwan; CC YL and OM tlks  | W/F    | 1325 | 10/1  | HPDK  |
| 1100    | WTAM        | Cleveland OH (pres); Coast to Coast   | W/F    | 0817 | 31/12 | PC    |
| 1100    | WTAM        | Cleveland OH; "on news radio WTAM eleven-hundred" heard weakly  | W      | 0606 | 4/1   | AB    |
| 1110    | WBT         | Charlotte, NC (pres); Coast to Coast  | F      | 0817 | 31/12 | PC    |
| 1110    | WBT         | Charlotte NC; ID "Newsradio 11-10 W-B-T"  | F      | 0401 | 9/1   | HPDK  |
| 1120    | KMOX        | St Louis MO; Old time comedy theatre  | W/F    | 0810 | 30/12 | PC    |
| 1120    | KMOX        | St Louis MO; C2C talk and phone-in  | W/Fpks | 0740 | 4/1   | Rha   |
| 1120    | WMSW        | Hatillo PR; LA mx, SS anns/ID "... por Unica Radio 12-30 AM/F/G y Radio Once 11-20 AM"  | AMF/G  | 0819 | 6/1   | mah   |
| 1130    | WBBR        | New York NY; "Bloomberg 11-3-0" Financial news  | F      | 0818 | 30/12 | PC    |
| 1130    | WBBR        | New York NY; finance news on Emerging markets – China, India  | F      | 0825 | 4/1   | JW    |
| 1130    | WBBR        | New York NY; business nx  | W      | 0908 | 9/1   | BD    |
| 1130    | CKWX        | Vancouver BC; news and reports  | F      | 1210 | 31/12 | DX183 |
| 1130    | CKWX        | Vancouver BC; "News 11-30 time 3.28"  | Wpks   | 1128 | 4/1   | mah   |
| 1140    | WQBA        | Coral Gables FL; two "WQBA" calls among SS talk   | W      | 0802 | 6/1   | AB    |
| 1140    | CHRB        | High River AB; preacher "The Gospel Hour"   | S      | 0850 | 31/12 | DX183 |
| 1140    | CHRB        | High River AB; easy C&W music/songs in noise/splatter and ID "30years on air we're southern Alberta's community station"; 345° antenna  | W      | 1058 | 4/1   | Rha   |
| 1140    | CBI         | Sydney NS; programme about S Africa // 1070 kHz   | G      | 2345 | 30/12 | PC    |
| 1150    | CKOC        | Hamilton ON (pres); oldies audible & not FF tlk of Gaspé  | W      | 0830 | 11/1  | Rha   |
| 1150    | CJRC        | Gatineau QC (pres); FF; French talking phone-in   | W      | 0825 | 4/1   | Rha   |
| 1150    | CHGM        | Gaspé QC; sombre French OM talking slowly // 610 kHz  | F      | 0637 | 9/1   | JF    |
| 1152    |             | Radio Farhang, Tabriz, Iran; talk and music   | 222    | 0207 | 13/1  | FW    |
| 1160    | WYLL        | Chicago IL; "Chicago's Christian Talk AM 11-60 WYLL"  | Fpks   | 0726 | 4/1   | mah   |
| 1160    | WYLL        | Chicago IL; 1-888 210 4144 number, Googled to "The Kingdom of Christ"; then "AM 11-60 WYLL" ID  | F      |      | 5/1   | JF    |
| 1160    | <b>WDJO</b> | <b>Florence KY</b> ; anns "wjdo.com" & "Oldies 11-60 WDJO the great oldie station ... all oldies all the time"; <b>personal first</b> ; ten minutes later ESPN-1160 dominating!           | W/Fpks | 0815 | 11/1  | Rha   |
| 1159.99 | <b>KSL</b>  | <b>Salt Lake City UT</b> ; "Newsradio 102.7 FM and 11-60AM", with sports comments & infos of Utah; in the background of UK stations; only audible on 345° antenna                         | W      | 0835 | 4/1   | Rha   |

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|------------|-----------------|--|------------|------------|-------------|------------|
| 1160       |                 | <b>St John's, Antigua</b> ; TS, EE ID "Broadcasting on 11-60 AM this is Radio Lighthouse in Antigua"; tnx AB for picking out the ID on the clip  | vW         | 0000       | 8/1         | mah        |
| 1160       | <b>WBQN</b>     | <b>Barceloneta-Manatí PR</b> ; SS ID "A Manatí llegó, y en Manatí se quedó: Radio Maravilla, la luz del mundo en Manatí a través de Borinquen Radio 11-60 AM, como un soldado de guerra o de dos en batalla con el arma más poderosa, la palabra de dios, rescatando a los que están en las tinieblas para la luz. Escúchalo, de domingo a jueves de seis de la tarde a doce de la medianoche. Producciones Maravilla les invita. Radio Maravilla la luz del mundo en Manatí, y pronto tendremos más sorpresas para el pueblo"; tnx to Henrik Klemetz for the transcript of my clip, and to AB for assistance; <b>personal first</b> | F          | 2353       | 7/1         | mah        |
| 1170       | DWVA            | VoA Poro Point; Cantonese YL / OM // 7390 kHz  | F          | 1320       | 13/1        | HPDK       |
| 1170       |                 | Radio Sawa, Al-Dhabbaya, UAE; Arabic music and talk  | 222        | 0205       | 14/1        | FW         |
| 1170       | WWVA            | Wheeling WV; Sports commentary "11-70 WWVA Wheeling" ID (P)  | W          | 0000       | 8/1         | PC         |
| 1180       | WHAM            | Rochester NY (pres); Coast to Coast  | F          | 0814       | 31/12       | PC         |
| 1180       | CM--            | R Rebelde, 2 sites listed; significant echo. "Rebelde" IDs "Buena semana laboral" (P)  | F          | 0800       | 6/1         | PC         |
| 1190       | WLIB            | New York NY; praise/gospel singing; 21/01 0417 program trailer with mention of "WLIB"  | F          | 2151       | 5/1         | PC         |
| 1190       | WLIB            | New York NY; religious/Christian tlk-male/female px  | W/Fpks     | 0835       | 11/1        | Rha        |
| 1190       | WLIB            | New York NY; PSA for organ donation in New York, then "?? praise and inspiration, WLIB"  | Fpks       | 0825       | 13/1        | AB         |
| 1190       | CFSL            | Weyburn SK (pres); traces of C&W mx/songs in splatter  | W          | 0837       | 11/1        | Rha        |
| 1200       | CFGO            | Ottawa ON; "Sports Radio The Team 12-hundred, CFGO Ottawa"   | W          | 2200       | 4/1         | PC         |
| 1200       | CFGO            | Ottawa ON; "...Sports Radio The Team 12-hundred"   | F          | 0530       | 9/1         | WoS        |
| 1200       | CFGO            | Ottawa ON; usual sports; "The Team" IDs  | vG         | 0702       | 9/1         | JF         |
| 1205.97    |                 | Yanbien RGD, China; CC talk& ID "Yanbien Guangbo Dientai"  | W/F        | 1522       | 11/1        | Rha        |
| 1210       | WPHT            | Philadelphia PA; promo "... weekday mornings 5 'til 9 on The Big Talker 12-10 WPHT"  | Fpks       | 0931       | 10/1        | mah        |
| 1210       | VOAR            | Mount Pearl NL; "You're listening to VOAR Christian Family Radio"  | F          | 0923       | 10/1        | mah        |
| 1220       | ZYJ458          | R Globo, Rio de Janeiro; "Radio Globo" and "noticias" made out - struggling against 1215 (P)   | F          | 0000       | 11/1        | PC         |
| 1230       | <b>CFFB</b>     | <b>Iquluit NU</b> ; EE,CBC anns & cbc.ca/north.com, followed by news & tlk; only 345°  | W          | 0840       | 4/1         | Rha        |
| 1242       | JOLF            | Nippon Hoso, Tokyo; JJ feature   | W          | 1450       | 16/1        | HP         |
| 1250       | WGAM            | Manchester NH; Fox Sports, WAGM ID heard later "This is WGAM Manchester ... ", also mentioning another station on the network; fair peaks  | F          | 0634       | 9/1         | JF         |
| 1250       | WGAM            | Manchester NH; Just tuned in to hear "...on Sports radio WGAM, The Game"   | W          | 0846       | 10/1        | PC         |
| 1250       | CHSM            | Steinbach MB; classical music // 950 kHz   | W          | 0837       | 31/12       | PC         |
| 1250       | CHSM            | Steinbach MB; classical mx, instrumentals and chorus   | S          | 0840       | 31/12       | DX183      |

| kHz  | Callsign    | Station, location; details heard etc  | SIO  | UTC  | Date  | Who   |
|------|-------------|---|------|------|-------|-------|
| 1250 | CJYE        | Oakville ON; promo for a book "Never Say Diet". "Furnished and paid for by Waterbrook Press on your Friendly Family Station"                                      | G    | 0837 | 30/12 | PC    |
| 1250 | CJYE        | Oakville ON; usual godsongs   | F    | 0221 | 8/1   | JF    |
| 1270 | CJCB        | Sydney NS; country type song, "Cape Breton Radio" ID  | F    | 0654 | 9/1   | JF    |
| 1280 | WFAU        | Gardiner ME; usual very fast ID at toth mentioning several affiliated stations – "The Fox (?) Sports Report" (P)  | W    | 2200 | 4/1   | PC    |
| 1280 | CFMB        | Montréal QC; FF service   | W    | 2336 | 8/12  | BD    |
| 1280 | VSB2        | BBN, Hamilton, Bermuda (pres); "Old Rugged Cross" then Bible talk   | W    | 0201 | 15/1  | PC    |
| 1280 | WCMN        | Arecibo PR; "WUNO NotiUno 6-30" News  | F    | 0818 | 4/1   | PC    |
| 1290 | WRNI        | Providence RI (pres); BBC World Service   | W    | 0859 | 14/1  | PC    |
| 1290 | CFRW        | Winnipeg MB; oldies, jingle "You're listening to CFRW"  | F    | 0830 | 31/12 | DX183 |
| 1290 | CJBK        | London ON; Broadcast News & C2C talk show   | W/F  | 0803 | 10/12 | BD    |
| 1290 | ZYH888      | R Timbira de Maranhão, São Luís; sports   | W    | 0055 | 31/12 | DX183 |
| 1290 | YVLF        | Radio Puerto Cabello; music up to toth "Radio Puerto Cabello no duerme!" (P)  | F    | 0800 | 9/1   | PC    |
| 1296 |             | VOA Afghanistan, Pol-e-Charkhi; Radio Ashna IDs, rpts, VOA F/G news web address   |      | 1520 | 8/1   | HPDK  |
| 1300 | WOOD        | Grand Rapids MI; OM w wx 49 degrees and ID "WOOD"   | Clr  | 0927 | 15/10 | BR    |
| 1300 | WOOD        | Grand Rapids MI; gospel px, OM w ID "WOOD"  | Clr  | 0959 | 9/12  | BR    |
| 1300 | WOOD        | Grand Rapids MI; program promos prior to return to C2C; "woodradio.com" and "News radio Wood 13-hundred" heard  | F/G  | 0906 | 30/12 | PC    |
| 1300 | WOOD        | Grand Rapids MI; ads, "From the AT&T studios in downtown Grand Rapids, to west Michigan and the world, this is News Radio 1300 WOOD"                              | Fpks | 0732 | 4/1   | mah   |
| 1300 | WJMO        | Cleveland OH; C2C phone-in; <i>unlikely to be WJMO - gospel mx scheduled at this time and not C2C - mah</i>   | F    | 0825 | 31/12 | DX183 |
| 1300 | WJMO        | Cleveland OH; "Cleveland's inspirational station Praise 1300 AM"  | Fpks | 0727 | 4/1   | mah   |
| 1310 | <b>WICH</b> | <b>Norwich CT</b> ; hits and oldies, 0701 ID  | W/F  | 0648 | 9/1   | HPDK  |
| 1310 | <b>WICH</b> | <b>Norwich CT</b> ; NOS, ID "WICH AM 13-10"; <b>personal first</b>  | W    | 1042 | 10/1  | mah   |
| 1310 | WLOB        | Portland ME; "News Talk 9-6-3 WLOB"   | Wpk  | 1105 | 10/1  | mah   |
| 1310 | <b>WDTW</b> | <b>Dearborn MI</b> ; news, info, phone-in "Detroit's Progressive Talk Radio 13-10"; also W 0820 31/12   | W    | 0855 | 30/12 | DX183 |
| 1310 | <b>WDTW</b> | <b>Dearborn MI</b> ; promo "... Keep Hope Alive, every Sunday morning at 11 AM on 13-10 WDTW the ?? of Progressive Talk"  | Wpk  | 1023 | 11/1  | mah   |
| 1310 | CHLW        | St Paul-Bonnyville AB; country music, "Cat country"   | F    | 0815 | 31/12 | DX183 |
| 1310 | CHLW        | St Paul-Bonnyville AB; wx, ads, PSA, ID "CHLW"  | vW   | 1136 | 4/1   | mah   |
| 1310 | CIWW        | Ottawa ON; "Top 40 Classics – Oldies 13-10"   | F/G  | 2133 | 4/1   | PC    |
| 1310 | CIWW        | Ottawa ON; "Oldies 13-10" non-stop oldies!  | F    | 0650 | 9/1   | JF    |
| 1310 | CIWW        | Ottawa ON; oldies, "In Ottawa there's only one oldies specialist, Oldies 13-10"; also Fpks 2211 3/1, Fpks 0301 11/1, Fpks 1040 13/1, Fpk 2219 22/1, Fpk 0258 23/1 | Fpk  | 1015 | 23/1  | mah   |
| 1310 |             | Fort-de-France, Martinique (presumed); FF tlk noted for a few minutes on top of the mix; also briefly F 0301 22/1   | F    | 2141 | 22/1  | mah   |

| kHz     | Call sign   | Station, location; details heard etc   | SIO  | UTC  | Date  | Who   |
|---------|-------------|--|------|------|-------|-------|
| 1310    | UNID        | “Third Shift on Fox - Jack’s late night sports talk ... your world of sports” – BD advises that WTTL carries Fox, though Jan Alvestad thinks “that possibility doesn't appear to be very likely. I would think WADB should be considered as a more likely station. Actually that's the first station that comes up if you Google for Fox Sports on 1310”. <i>Thanks for your thoughts, gentlemen - mah</i> | Wpk  | 0906 | 17/1  | mah   |
| 1310    | UNID        | “This is 13-10 ESPN Radio”; ESPN Radio often heard with brief peaks, e.g. Fpks 0942 11/1, Fpk 1016 23/1, but no call ID or detail to give definitive location; I presume this is WCCW, but there are several other possibilities   | Fpk  | 1040 | 22/1  | mah   |
| 1320    | CKEC        | New Glasgow NS; “94.1 East Coast FM” ID  | F    | 2326 | 2/1   | PC    |
| 1320    | CKEC        | New Glasgow NS; pops ID “... FM”   | F    | 2330 | 5/1   | JW    |
| 1320    | CKEC        | New Glasgow NS; “94.1 Weather” followed by announcement “Broadcasting from studios in downtown New Glasgow, CKEC 94.1 East Coast FM”   | G    | 0803 | 6/1   | AB    |
| 1320    | CJMR        | Mississauga ON; Indian talk xf CKEC  | F/G  | 2328 | 2/1   | PC    |
| 1320    | WSKN        | Radio Isla, Pegala, PR; “Buenas noches Puerto Rico ...esta es Radio Isla 13-20”; <b>personal first</b> ; recording: <a href="http://paulc.mediumwaveradio.org/audio/wskn.mp3">http://paulc.mediumwaveradio.org/audio/wskn.mp3</a>  | W/F  | 0002 | 10/1  | PC    |
| 1330    | WRCA        | Waltham MA; FF religious talk. TOH parts of the Beasley Broadcasting disclaimer were heard, including the words “This is Beasley Broadcasting”   | Fpks | 0600 | 4/1   | AB    |
| 1330    | WRCA        | Waltham MA (pres); accented FF talk  | F    | 0830 | 14/1  | PC    |
| 1330    | WFAN        | Erie PA; “Fox Sports Radio AM 13-30 The Fan. WFAN Erie” (P)  | W/F  | 0900 | 10/1  | PC    |
| 1330    | <b>WLOL</b> | <b>Minneapolis MN</b> ; “Relevant Radio 13-30” followed by a church notice with telephone number with Area Code 763 (the code for north west Minneapolis); tnx to mah for confirmation   | W    | 0446 | 4/1   | AB    |
| 1330    | WFNN        | Erie PA; sports talk & “Fox Sports Radio AM 13-30 The Fan”   | W/F  | 2322 | 9/12  | BD    |
| 1340    | WMID        | Atlantic City NJ; “Crying” by Don McLean or Roy Orbison then announcement including “AM 13-40 Classic Oldies WMID”; thanks to SW for identifying the music and mah for the ID. The signal was only there for about half a minute!  | W    | 0839 | 13/1  | AB    |
| 1350    | WOYK        | York PA (presumed); ESPN Sports, briefly over semi-local R Nightingale. No trace of France at this time  | F    | 0055 | 9/1   | JF    |
| 1360    | KSCJ        | Sioux City IA; news and info, “Talk Radio 13-60”; <i>several other stations use this slogan – did you hear additional detail to confirm you were actually hearing KSCJ? - mah</i>  | W    | 0845 | 30/12 | DX183 |
| 1360    | WYOS        | Binghamton NY; “Binghamton’s ESPN Radio 13-60 AM”  | Fpks | 1041 | 4/1   | mah   |
| 1360    | WYOS        | Binghamton NY; “ESPN Radio 13-60”; Red Sox   | W/F  | 0748 | 6/1   | Rha   |
| 1370    | WDEA        | Ellsworth MA; “WDEA Ellsworth” at toth   | W/F  | 0000 | 12/1  | PC    |
| 1380    | WSYB        | Rutland VT; Dennis Miller Show on Westwood One. Weak WSYB ID (P)   | W/F  | 2300 | 3/1   | PC    |
| 1380    | KRKO        | Everett WA; ESPN talk  | F    | 0840 | 30/12 | DX183 |
| 1380    | CB138       | R Corporación, Santiago (pres); rlgS tlk px or preaching in SS   | W    | 0510 | 14/1  | Rha   |
| 1385.91 |             | R Rurale, Labé, Guinea; VV OM talk mention Labé and Rurale until s/off 2335  | F    | 2316 | 19/1  | HP    |
| 1390    | WGRB        | Chicago IL; “You’re listening to Gospel Radio W-G-R-B”   | W    | 0755 | 31/12 | DX183 |
| 1390    | WEGP        | Presque Isle ME; ID “news and information station W-E-G-P”   | F    | 0550 | 28/12 | HP    |

| kHz     | Callsign    | Station, location; details heard etc  | SIO  | UTC  | Date  | Who   |
|---------|-------------|---|------|------|-------|-------|
| 1390    | WEGP        | Presque Isle ME; "The Talk of the County, 13-90 WEGP  | F    | 0930 | 3/1   | PC    |
| 1390    | WEGP        | Presque Isle ME; news and WEGP wx   | F    | 0307 | 4/1   | AB    |
| 1390    | WEGP        | Presque Isle ME; C2C talk show, "The talk of the county 13-90 WEGP" & Fox News  | F    | 0727 | 12/1  | BD    |
| 1390    | WFBL        | Syracuse NY; "Real Talk Radio 13-90 WFBL Syracuse" in convenient WEGP fade  | W    | 2200 | 3/1   | mah   |
| 1390    | WXTC        | Charleston SC; "Heaven 13-90 WXTC... inspiration ... new age ... every day Heaven 13-90" then more Gospel; first time heard since March 06  | W    | 0130 | 4/1   | AB    |
| 1390    | YVZA        | R Fé y Alegría, Caracas (presumed); tape scrutiny revealed SS YL/OM xf WEGP   |      | 0102 | 6/12  | TB    |
| 1390    | YVZA        | Radio Fé y Alegría, Caracas; traditional Venezuelan mx & "Fé y Alegría" ID  | W    | 0725 | 19/1  | BD    |
| 1400    |             | Harbour Light of the Windwards, Carriacou; gospel singing // webcast  | W    | 2320 | 15/1  | PC    |
| 1410    | WPOP        | Hartford CT; ESPN Radio IDs   | W/F  | 0620 | 6/1   | HPDK  |
| 1410    | WPOP        | Hartford CT ; "ESPN 14-10 AM" sports reports, sports talk   | W    | 0737 | 6/1   | Rha   |
| 1410    | WPOP        | Hartford CT; "ESPN Radio 14-10" (P)   | W    | 0800 | 7/1   | PC    |
| 1410    | WPOP        | Hartford CT; ESPN Sports; "Sportsradio 14-10 WPOP" ID   | W    | 0500 | 8/1   | JF    |
| 1410    | CFUN        | Vancouver BC; nx and info   | F    | 0815 | 26/12 | DX183 |
| 1410    | XEBS        | México DF; ranchera, "La Mas Perrona"   | F    | 0810 | 1/1   | DX183 |
| 1410    | XEBS        | R Sinfonola, Mexico City; ID after c&w song; <b>personal first</b> ; thanks to Henrik Klemetz for confirming my recording   | W    | 0247 | 8/1   | JF    |
| 1413    | JOIF        | KBC Fukuoka, JJ YL fast speaking, KBC web address given   | W/F  | 1425 | 14/1  | HPDK  |
| 1413    | JOIF        | KBC Fukuoka; JJ talk and laugh  | W    | 1455 | 16/1  | HP    |
| 1420    | CKDY        | Digby NS; "We play the best country music – AVR"  | Clr  | 2157 | 23/10 | BR    |
| 1420    | CKDY        | Digby NS; music with a couple of mentions of <a href="http://www.avrnetwork.com">www.avrnetwork.com</a> between tracks  | W    | 0608 | 8/1   | AB    |
| 1420    | CKDY        | Digby NS; "AVR" ID between country mx tracks  | W    | 0904 | 15/1  | PC    |
| 1420.01 | YVNZ        | Radio Marabina, Maracaibo; discos romanticos, "Marabina 14-20" ID & TC  | W    | 0804 | 16/1  | BD    |
| 1430    | WENE        | Endicott NY; "Fox Sports Radio 14-30" & Fox sports talk   | W/F  | 0728 | 6/1   | BD    |
| 1430    | WENE        | Endicott ME; "Sports Radio 14-30 The Team" (P)  | W    | 0800 | 7/1   | PC    |
| 1430    | WENE        | Endicott NY; ad for "Southern New York Neurosurgical Group" then "Sports Radio 14-30 The Team"  | Fpks | 0406 | 10/1  | AB    |
| 1440    | WJAE        | Westbrook ME (pres); "Sporting News Radio" ID   | F    | 0845 | 4/1   | PC    |
| 1450    | WENJ        | Atlantic City NJ; ESPN sports talk  | W    | 0759 | 4/1   | BD    |
| 1450    | WENJ        | Atlantic City NJ (pres); ESPN radio – brief peak  | Fpk  | 0020 | 8/1   | PC    |
| 1450    | WENJ        | Atlantic City NJ; ESPN sports talk  | W    | 0825 | 9/1   | DX183 |
| 1460    | <b>KXNO</b> | <b>Des Moines IA</b> ; "... 14-60 KXNO"; clip checked by mah and AB; <b>UK/Ireland FIRST</b>  | W    | 0900 | 2/1   | BR    |
| 1460    | WDDY        | Albany NY; Radio Disney – brief peak  | Fpk  | 0022 | 8/1   | PC    |
| 1460    | <b>WHIC</b> | <b>Rochester NY</b> ; list of church services in Rochester. Then web address "thestationofthecross.com" . "You're listening to Catholic Radio....The Station of the Cross on WHIC AM 14-60 Rochester, New York" | W/F  | 0959 | 31/12 | PC    |
| 1460    | CJOY        | Guelph ON; 60's mx, 'That's Not the Way to Have Fun'  | Clr  | 0935 | 2/1   | BR    |
| 1460    | CJOY        | Guelph ON; CJOY ID noted in the mix   | W/P  | 0833 | 4/1   | mah   |
| 1467    |             | TWR Bishkek, Kyrgyzstan; EE Christian pops, IDs   | F/G  | 1455 | 11/1  | HPDK  |
| 1470    | WLAM        | Lewiston ME; ads mention ESPN   | W    | 0741 | 7/1   | JW    |

| kHz     | Call sign   | Station, location; details heard etc   | SIO    | UTC  | Date  | Who   |
|---------|-------------|--|--------|------|-------|-------|
| 1470    | WLAM        | Lewiston ME; "... 8-70 and 14-70 ESPN"   | W      | 0403 | 8/1   | WoS   |
| 1470    | WLAM        | Lewiston ME; ESPN sports talk  | W/F    | 0834 | 9/1   | BD    |
| 1470    | WKAP        | Allentown PA (pres); WW1 oldies probably "Oldies 14-70"; YVSY Vibración in the background                    | W/Fpks | 0732 | 5/1   | Rha   |
| 1470    | WLMC        | Georgetown SC; "14-70 WLMC" noted in the mix   | Wpk    | 0713 | 14/1  | mah   |
| 1470    | CJVB        | Vancouver BC; CC tk  | F      | 0810 | 26/12 | DX183 |
| 1470    | CJVB        | Vancouver BC (pres); was the last I heard this morning with Chinese music in noise                           | W      | 1115 | 4/1   | Rha   |
| 1470    | XEAI        | R Fórmula, México DF; YL Fórmula ID, beautiful SS mx   | F      | 0659 | 10/1  | HPDK  |
| 1470    | XEAI        | Radio Fórmula, México City, DF; talk programme with ID "Radio Fórmula XEAI 14-70 AM" at bottom of the hour   | F      | 0530 | 21/1  | AB    |
| 1470    | HJNT        | R Restauración, Cali; SS tk, ID  | F      | 0534 | 6/1   | HPDK  |
| 1470    | YVSY        | R Vibración, Carúpano; "En Vibración son las 12 y 32 minutos"  | W      | 0502 | 8/1   | PC    |
| 1470    | YVSY        | R Vibración, Carúpano; beautiful folk mx   | P      | 0716 | 10/1  | TB    |
| 1476    |             | R Thailand, Lamphun; Thai YL tk  | W/F    | 1405 | 6/1   | HPDK  |
| 1480    | WSAR        | Fall River MA; "We are 14-80 WSAR, Fall River"   | F      | 0000 | 31/12 | PC    |
| 1480    | WHBC        | Canton OH; "Newstalk 14-80 WHBC" possibly suffixed with "Canton" hrd u/heavy QRM from BBC Humberside on 1485 | W      | 0400 | 4/1   | AB    |
| 1480    | WHBC        | Canton OH; end of talk show then "News talk 14-80"   | W      | 0746 | 7/1   | JW    |
| 1480    | WHBC        | Canton OH; "If you're talking about it, we're talking about it, News Talk 14-80 WHBC" (P)                    | W      | 0800 | 7/1   | PC    |
| 1480    | UNID        | "This is the Roy Kent .....Show" WSAR?   | W      | 0758 | 9/1   | JW    |
| 1490    | WMBM        | Miami Beach FL; "WMBM" noted in the mix, gospel  | Wpks   | 0106 | 10/1  | mah   |
| 1490    | WBAE        | Portland ME; nostalgia   | W      | 0815 | 9/1   | DX183 |
| 1490    | WBAE        | Portland ME; "One great song after another, the songs you remember, 1400 and 14-90 The Bay", NOS             | Wpk    | 0823 | 10/1  | mah   |
| 1490    | <b>WSWW</b> | <b>Charleston WV</b> ; "ESPN Radio 14-90 WSWW Charleston"; tnx AB for checking the clip; <b>UK FIRST</b>     | vWpk   | 0900 | 9/1   | mah   |
| 1500    | WWWT        | Washington DC; "Talk radio 3WT"  | F      | 2350 | 3/1   | PC    |
| 1500    | WWWT        | Washington DC; tlks, ad, 3 WT ID   | W/F    | 0642 | 4/1   | HP    |
| 1500    | WWWT        | Washington DC; "... on 3-WT, roads traffic and weather ..."  | F      | 0806 | 6/1   | AB    |
| 1500    | WWWT        | Washington DC (tent); phone-in, Washington mentioned   | F      | 0649 | 7/1   | OH    |
| 1500    | WWWT        | Washington DC; YL ID "3 WT Radio 1500AM"   | F      | 0759 | 7/1   | JW    |
| 1500    | WWWT        | Washington DC; round table discussion  | W      | 0828 | 9/1   | BD    |
| 1500    | KSTP        | St Paul MN; news and info  | F      | 0830 | 30/12 | DX183 |
| 1500    | XEDF        | Radio Fórmula, México City, DF; "Radio Fórmula" ID, YL talk  | F      | 0558 | 21/1  | AB    |
| 1500    | YVRS        | R Dos Mil, Cumaná; ID, NA, anns, LA mx, TCs  | G      | 0400 | 5/12  | MM    |
| 1500    | UNID        | OM Bible talk, "Jesus Christ of Latter Day Saints"   | W      | 0728 | 14/10 | BR    |
| 1510    | WWZN        | Boston MA; preaching from Bro Stair  | F/G    | 0803 | 31/12 | PC    |
| 1510    | WWZN        | Boston MA; live basketball commentary, ID "On Boston's Sports Station 15-10 The Zone"                        | Exc    | 2326 | 5/1   | JW    |
| 1510    | WWZN        | Boston MA; sports nx, ID "The Zone WWZN"   | F      | 0000 | 6/1   | OH    |
| 1510    | WWZN        | Boston MA; with more non-sport programming; legal ID then music show called Total Access Live Radio          | Exc    | 0200 | 7/1   | SW    |
| 1510.02 | WWZN        | Boston MA; religious talk  | F      | 0836 | 9/1   | BD    |
| 1510    | KGA         | Spokane WA; news and reports, local wx, traffic news   | F      | 0900 | 31/12 | DX183 |
| 1510    | KGA         | Spokane WA; Phil Hendrie Show, "15-10 KGA and 1510kga.com Spokane's news leader"                             | W/F    | 1134 | 4/1   | mah   |

| kHz     | Callsign    | Station, location; details heard etc   | SIO    | UTC  | Date  | Who   |
|---------|-------------|--|--------|------|-------|-------|
| 1510    | HD2IOA      | Instituto Oceanografico de Armada, Guayaquil; time pips  | W/F    | 0455 | 13/1  | HPDK  |
| 1520    | <b>WMLM</b> | <b>St Louis MO</b> ; country songs and “The Big M” ID, short info; <b>personal first</b>   | W      | 0815 | 30/12 | DX183 |
| 1520    | WWKB        | Buffalo NY; Joey Reynolds Show on “The Voice of the New Majority – AM 15-20”   | G      | 0806 | 31/12 | PC    |
| 1520    | WWKB        | Buffalo NY; tlk, WWKB Buffalo ID   | W/F    | 0724 | 4/1   | HP    |
| 1520    | WWKB        | Buffalo NY; “AM 15-20” in talk show  | F      | 0823 | 4/1   | JW    |
| 1520    | WWKB        | Buffalo NY; C2C talk show of Joey Reynolds & ID “This is the Voice of the New Majority WWKB”   | W/F    | 0600 | 5/1   | Rha   |
| 1530    | WCKY        | Cincinnati OH; preacher  | F      | 0810 | 30/12 | DX183 |
| 1540    | KXEL        | Waterloo IA; ABC News  | S      | 0805 | 30/12 | DX183 |
| 1540    | KXEL        | Waterloo IA; “On 15-40 KXEL” heard in sports commentary featuring The Panthers   | G      | 0124 | 3/1   | JF    |
| 1540    | KXEL        | Waterloo IA; “on 15-40 KXEL”, ref to ESPN and motorcycles  | vW     | 0339 | 6/1   | WoS   |
| 1540    | WDCD        | Albany NY; US religious studio talk  | W/F    | 2346 | 9/12  | BD    |
| 1540    | WDCD        | Albany NY; usual religion struggling to compete with KXEL! Trans World Radio feature   | F      | 0125 | 3/1   | JF    |
| 1540    | WDCD        | Albany NY; ID, light mx  | W      | 0131 | 6/1   | WoS   |
| 1540    | WDCD        | Albany NY; Christian pop/rock  | Fpk    | 2318 | 6/1   | TB    |
| 1540    | WDCD        | Albany NY; religious talk  | W      | 0756 | 7/1   | JW    |
| 1540    | WDCD        | Albany NY; legal ID + network station list & website   | F      | 0400 | 8/1   | SW    |
| 1540    | WDCD        | Albany NY; “Life 15-40 WDCD Albany” (P)  | W      | 0901 | 13/1  | PC    |
| 1540    | CHIN        | Toronto ON; Chinese talk   | G      | 2336 | 2/1   | PC    |
| 1540    | CHIN        | Toronto ON; with CRI (a regular signal here); station ID   | G      | 0200 | 8/1   | SW    |
| 1540    | CHIN        | Toronto ON; CHIN ID into RAI relay   | W/F    | 0800 | 8/1   | HPDK  |
| 1550    | CBE         | Windsor ON; CBC overnight tlk & infos  | W/Fpks | 0633 | 5/1   | Rha   |
| 1550    | CBE         | Windsor ON; “CBC Radio 1” then news (P)  | W      | 0800 | 7/1   | PC    |
| 1557    |             | WYFY, Kouhu, Taiwa; “familyradio.com”, religious music   | 211    | 1945 | 2/1   | FW    |
| 1556.99 |             | WYFR, Kouhu, Taiwan; Christian tlk & Bible lessons, also letters from listeners; top of hour the sound of WYFR & ID “Family Radio a good message”                            | vG     | 1500 | 11/1  | Rha   |
| 1557    |             | WYFR, Kouhu, Taiwan; EE, Open Forum, IDs   | F      | 1503 | 16/1  | HP    |
| 1560    | WQEW        | New York NY; Crazy Frog // 1650 kHz  | F      | 2353 | 30/12 | PC    |
| 1560    | WQEW        | New York NY; R Disney pops   | W/F    | 0640 | 4/1   | HP    |
| 1560    | WQEW        | New York NY; R Disney // 1650 kHz  | W      | 0733 | 6/1   | WoS   |
| 1560    | WQEW        | New York NY; Radio Disney pops // 1650 kHz   | F      | 0638 | 7/1   | JW    |
| 1560    | WQEW        | New York NY; Radio Disney // 1650 kHz  | F      | 0654 | 7/1   | OH    |
| 1560    | WQEW        | New York NY; Radio Disney promos & pops  | W/F    | 0837 | 9/1   | BD    |
| 1566    |             | AIR Nagpur, India; classical Indina mx, ID “Ye akashvani he”, ad for mobile phone; also 14/1 1555 excellent  | Exc    | 1510 | 11/1  | HPDK  |
| 1566    |             | AIR Nagpur, India; Hindi song  | G      | 1505 | 16/1  | HP    |
| 1566    |             | AIR Nagpur, India (tent); Indian mx, no news etc at the toh  | F      | 2155 | 21/1  | OH    |
| 1566    |             | <b>TWR Benin (pres)</b> ; African and religious song repeated in intervals, at 1904 short talk (ann?) in African language, heard only in fades of Somerset and Country Sound | Wpks   | 1857 | 22/1  | WoS   |
| 1570    | WECU        | Winterville NC; local ads, ID “We’re 15-70 AM ... WECU”  | Fpks   | 1003 | 8/1   | mah   |
| 1570    | CKMW        | Winkler MB; C&W songs  | F      | 0850 | 29/12 | DX183 |
| 1570    | CKMW        | Winkler MB; C&W; promising start to the evening, then conditions died  | Fpk    | 2300 | 5/1   | TB    |

| kHz  | Call sign   | Station, location; details heard etc  | SIO | UTC  | Date  | Who   |
|------|-------------|---|-----|------|-------|-------|
| 1570 | CFAV        | Laval QC; dominating channel all night with some good peaks. Three other stations also heard on channel. "Radio Boomer Quinz-Soixante-Dix" IDs. Still fair levels at 1000.  | G   | 0630 | 3/1   | JF    |
| 1570 | CFAV        | Lava, QC; "Radio Boomer AM 15-70"   | G   | 0855 | 3/1   | PC    |
| 1570 | CFAV        | Laval PQ; usual music and "CFAV, la radio de votre nostalgie" - the last word presumed due to QRM   | F   | 0609 | 9/1   | AB    |
| 1570 | CFAV        | Laval QC; pops and country music, "Boomer" ID   | F   | 0657 | 9/1   | JWe   |
| 1570 | CFAV        | Laval QC; OM with FF pops   | W   | 0840 | 9/1   | BD    |
| 1570 | CFAV        | Laval QC; pop mx, IDs   | F   | 0609 | 26/1  | MM    |
| 1570 | HRRA        | R Cadena Noticias, Tegucigalpa; SS talk, "RCN Radio Cadena Noticias - todo noticias" ID, QRGs given   | W/F | 0630 | 6/1   | HPDK  |
| 1570 | XERF        | Cd Acuña; politics, phone-in, address in California, cuckoo, "X-E-R-F La Poderosa"  | F   | 0900 | 1/1   | DX183 |
| 1570 | XERF        | La Poderosa, Ciudad Acuña; "XERF, La Poderosa" etc. ID at top of hour struggling against CFAV   | F   | 0601 | 3/1   | JF    |
| 1570 | XERF        | Ciudad Acuña; SS ID, tlk mention "Instituto Mexicano"   | W   | 0758 | 10/1  | HPDK  |
| 1570 | XERF        | Ciudad Acuña; toh ID "XERF" followed later by NA  | W   | 0600 | 21/1  | AB    |
| 1570 | XERF        | Ciudad Acuña; upbeat SS mx, usual cuckoo tone; TC "las dos"   | F   | 0800 | 21/1  | PC    |
| 1580 | CKDO        | Oshawa ON; CKDO IDs; oldies   | F/G | 0844 | 30/12 | PC    |
| 1580 | CKDO        | Oshawa ON (tentative); oldies, no ID heard  | W   | 0753 | 7/1   | JWe   |
| 1580 | CKDO        | Oshawa ON; CKDO ID; Danny & The Juniors "At The Hop"  | F   | 0210 | 8/1   | JF    |
| 1580 | CKDO        | Oshawa ON; oldies heard   | W   | 0749 | 9/1   | JW    |
| 1590 | <b>WZRX</b> | <b>Jackson MS</b> ; "The drama on the world stage plays on your radio.....CNN news team exclusively on News Plus 15-90 WZRX Jackson" (P); <b>UK FIRST</b>   | W   | 0800 | 21/1  | PC    |
| 1590 | WAKR        | Akron OH; Music with "15-90 WAKR" ID between tracks   | W/F | 0857 | 13/1  | PC    |
| 1590 | XEVOZ       | México DF; "Radio Tráfico 15-90 AM"   | F   | 0823 | 8/1   | PC    |
| 1600 | WKWF        | Key West FL; "Sports Radio 16-hundred the Home of the Conchs" (P)   | W/F | 0800 | 21/1  | PC    |
| 1600 | WUNR        | Brookline MA; SS ID "WUNR.....1600 AM"  | F   | 0500 | 31/12 | PC    |
| 1600 | WUNR        | Brookline MA; in French at the top of the hour? This is the station playing what sounds like the bassline to Queen's "Another One Bites The Dust" English ID heard at 03:04 "This is WUNR AM Sixteen Hundred"   | F   | 0304 | 8/1   | JF    |
| 1600 | WUNR        | Brookline MA; LA mx, EE PSA, ID "This is WUNR Brookline"  | F/G | 0821 | 8/1   | mah   |
| 1600 | WUNR        | Brookline MA; reggae then rock music. No ID at toh. (JF heard same station which ID'd later); very rare here with Euro splatter   | F   | 0755 | 9/1   | JW    |
| 1600 | WUNR        | Brookline MA; strong this morning with back to back pops from 0800; English ads and ID at 0822  | vG  | 0800 | 9/1   | JF    |
| 1610 | CJWI        | Montréal QC; FF talk and rpts   | W/F | 0631 | 9/1   | HPDK  |
| 1620 | WDHP        | Frederiksted USVI; programming from Radio República, with ID "Radio República transmite un mensaje de libertad aprobado unánimemente (y con el) respaldo de la resistencia cubana dentro de la isla. Aquí promovemos la libre expresión del pueblo cubano"; thanks to HK for filling in some of the missing words | G   | 2327 | 5/1   | AB    |
| 1620 | WDHP        | Frederiksted USVI; full local ID, followed by TS and BBC news   | W   | 0359 | 6/1   | WoS   |



| kHz  | Callsign | Station, location; details heard etc   | SIO | UTC  | Date  | Who  |
|------|----------|--|-----|------|-------|------|
| 1620 | WDHP     | Frederiksted, USVI; full legal ID dropped suddenly into political studio debate  | G   | 0002 | 19/1  | SW   |
| 1630 | WRDW     | Augusta GA (pres); sports also lives ports NHL ice hockey  | W/F | 0646 | 4/1   | Rha  |
| 1630 | WRDW     | Augusta GA; John and Jeff Show, "News talk Sports 16-30 WRDW Augusta" then ABC News (P)  | W/F | 0800 | 7/1   | PC   |
| 1630 | KCJJ     | Iowa City IA; tracks, ABC News on the hour, IDs "Who cares where you live - Mighty 16-30 KCJJ"; <b>first logging for me</b>                          | G   | 0550 | 29/12 | MM   |
| 1630 | KCJJ     | Iowa City IA; live hockey taking an ID break   | F   | 0301 | 31/12 | SW   |
| 1630 | KCJJ     | Iowa City IA; "The New 16-30 KCJJ" and pop music - Eddy Grant's "Electric Avenue"; at 0254 "You're listening to basketball on The Mighty 16-30 KCJJ" | F   | 0231 | 3/1   | JF   |
| 1630 | KCJJ     | Iowa City IA; sung ID "KCJJ", nx   | W   | 0400 | 6/1   | WoS  |
| 1630 | KCJJ     | Iowa City IA; rock mx, adv., ID "16-30 K-C-J-J"  | F   | 0620 | 9/1   | HPDK |
| 1630 | KCJJ     | Iowa City IA; pops and local ads, "KCJJ"   | F   | 0640 | 9/1   | JWe  |
| 1630 | KCJJ     | Iowa City IA; "16-30 KCJJ is the home of Eastern Iowa's (interference) Rock & Roll Oldies Show, only here on 16-30 KCJJ"                             | F   | 0643 | 9/1   | JF   |
| 1630 | KCJJ     | Iowa City IA; "This is Coralville 16-30 KCJJ, Iowa City and Coralville ... I'm Tommy Lang KCJJ News" (P)   | W/F | 0800 | 13/1  | PC   |
| 1630 | KKGM     | Fort Worth TX; ID "...radio 1630 KKGM Fort Worth Dallas" then some good old boys country music   | F   | 0702 | 5/1   | AB   |
| 1630 | KRND     | Fox Farm WY; Mexican songs with one "La Grande" ID heard   | W   | 0501 | 3/1   | JWe  |
| 1630 | KRND     | Fox Farm WY (tent); Mexican songs equal under/over KCJJ, difficult SS ID "La Grande"   | W   | 0706 | 4/1   | Rha  |
| 1640 | WTNI     | Biloxi MS; "News Talk 16-40 WTNI" then ABC News (P)  | W   | 0800 | 7/1   | PC   |
| 1640 | WTNI     | Biloxi MS; sports with frequent "ESPN Radio" IDs   | F   | 0804 | 7/1   | JWe  |
| 1640 | WKSH     | Sussex WI; R Disney pop mx // 1650, 1560 kHz   | W   | 0600 | 7/1   | Rha  |
| 1650 | KWHN     | Fort Smith AR; ID "Newstalk 16-50 KWHN" ID heard in talk programme break; dominating WHKT  | W   | 0413 | 21/1  | JF   |
| 1650 | WHKT     | Portsmouth VA; Radio Disney // 1560; "AM16-50 WHKT Portsmouth"; 13/1 2158  | G   | 2352 | 30/12 | PC   |
| 1650 | WHKT     | Portsmouth VA; Radio Disney IDs + pops   | F   | 0630 | 4/1   | HP   |
| 1650 | WHKT     | Portsmouth VA; mni R Disney IDs, Disney pops   | F/G | 0257 | 6/1   | WoS  |
| 1650 | WHKT     | Portsmouth VA; "Teen Dream On Radio Disney" Five Radio Disney ID's in 15 secs!   | F   | 0731 | 7/1   | JW   |
| 1650 | WHKT     | Portsmouth VA; "AM 16-50 Radio Disney" & Radio Disney promos & pops  | F/G | 2315 | 7/1   | BD   |
| 1650 | WHKT     | Portsmouth VA; Radio Disney local ID insert "AM 16-60 WHKT Portsmouth"   | F   | 0758 | 13/1  | AB   |
| 1650 | WHKT     | Portsmouth VA; legal ID and Disney slogans   | F   | 0800 | 18/1  | SW   |
| 1650 | WHKT     | Portsmouth VA; ID: "Radio Disney Portsmouth", pop mx // 1560 kHz   | F   | 0543 | 22/1  | OH   |
| 1650 | CJRS     | Montreal QC; Radio Shalom ID at 0651; Hebrew, Jewish music/ announcements  | W   | 0614 | 21/1  | OH   |
| 1650 | CJRS     | Montreal QC; "Radio Shalom 16-50" English ID in mix  | Fpk | 2319 | 22/1  | SW   |
| 1660 | WCNZ     | Marco Island FL; rel tlk, "Relevant Radio"   | F/G | 0634 | 24/12 | MM   |
| 1660 | WCNZ     | Marco Island FL; Relevant Radio tlk + ID; 0559 Relevant Radio will no longer be heard in SW Florida ...  | F/G | 0554 | 28/12 | HP   |
| 1660 | WCNZ     | Marco Island FL; religious news followed by several similar Relevant Radio promotions, as if they were filling in time                               | F/G | 0803 | 19/1  | AB   |

| <b>kHz</b> | <b>Callsign</b> | <b>Station, location; details heard etc</b>  | <b>SIO</b> | <b>UTC</b> | <b>Date</b> | <b>Who</b> |
|------------|-----------------|--|------------|------------|-------------|------------|
| 1660       | WQLR            | Kalamazoo MI; sport tlk, ESPN Radio ID; <i>I would be surprised if you had a local ID at this time – how are you sure this wasn't WFNA (or perhaps even KRZI)? - mah</i> | W/F        | 0655       | 4/1         | HP         |
| 1660       | WWRU            | New York City NY; toh legal ID “on WWRU, Jersey City, New York city”   | W          | 0700       | 4/1         | AB         |
| 1660       | WWRU            | Jersey City NJ; EE ID 16-60 WWRU, Korean tlk   | W/F        | 0700       | 4/1         | HP         |
| 1660       | WWRU            | Jersey City NJ; legal EE ID on the stroke of time, then Korean   | F          | 0400       | 6/1         | WoS        |
| 1660       | WWRU            | Jersey City NJ; OM with ID “This is multi-cultural radio broadcasting WWRU Jersey City 16-60AM ”   | F          | 0500       | 7/1         | JW         |
| 1660       | WWRU            | Jersey City NJ; EE ID “New York 16-60 AM WWRU” (P)   | W          | 0800       | 7/1         | PC         |
| 1660       | WWRU            | Jersey City NJ; ID “WWRU- Jersey City worldwide 16-60”, Korean   | F          | 0600       | 9/1         | OH         |
| 1660       | WWRU            | Jersey City NJ; legal ID in English  | F          | 0100       | 15/1        | SW         |
| 1660       | WFNA            | Charlotte NC; “ESPN sports on WFNA Charlotte’s sports station”; xd WCNZ  | W/Fpks     | 0650       | 4/1         | Rha        |
| 1660       | WFNA            | Charlotte NC; fading in after WWRU I heard “Sport News Radio WFNA-AM Charlotte and WFN...” the rest being lost   | W          | 0700       | 4/1         | AB         |
| 1660       | WFNA            | Charlotte NC; sports results   | F          | 0601       | 7/1         | JW         |
| 1660       | WFNA            | Charlotte NC (pres); ESPN Sports (P)   | W          | 0800       | 7/1         | PC         |
| 1660       | KQWB            | West Fargo ND; local ads for Fargo and Moorhead.   | F          | 0256       | 3/1         | JF         |
| 1660       | WGIT            | Canóvanas PR; “La Gigante-16-60” anns and tlk  | W/F        | 0530       | 7/1         | Rha        |
| 1660       | WGIT            | Canóvanas PR; legal ID   | Fpk        | 2359       | 9/1         | SW         |
| 1660       | UNID            | “You’re listening to The ... Hour on Oldies Radio”   | Fpks       | 0915       | 6/1         | mah        |
| 1670       | WVVM            | Dry Gulch GA (tentative); Mexican mx   | F/G        | 0638       | 22/12       | MM         |
| 1670       | WVVM            | Warner Robins GA; soft SS mx, Viva ID  | F          | 0648       | 4/1         | HP         |
| 1670       | WVVM            | Dry Branch GA, mx, ballads/songs; SS ID "Viva 16-70"   | W/Fpks     | 0658       | 4/1         | Rha        |
| 1670       | WVVM            | Dry Branch GA; light songs, EE/SS ID “W-V-V-M ... Radio Vida 16-70”; also F/G for similar ID at 0705   | Fpks       | 0102       | 5/1         | mah        |
| 1670       | WVVM            | Dry Branch GA; LA pops, mni “Viva” IDs   | F          | 0000       | 9/1         | WoS        |
| 1670       | UNID            | WTDY or KNRO? very weak live sports at 0158 xd WVVM; again with Fpks at 0302 “espnradio.com”; Wpks for ESPN promos at 0359; always too weak at ID time; Fpks at 0455     | vW         | 0158       | 5/1         | mah        |
| 1680       | WLAA            | Winter Garden FL Que buena IDs, Mexican mx   | F          | 0634       | 4/1         | HP         |
| 1680       | WLAA            | Winter Garden FL; “Que Buena” slogans amid music   | F          | 0812       | 6/1         | AB         |
| 1680       | WLAA            | Winter Garden FL; “Que Buena 16-80”  | F          | 0001       | 7/1         | SW         |
| 1680       | WLAA            | Winter Garden FL; Mexican style music & songs  | W/G        | 0555       | 7/1         | Rha        |
| 1680       | WLAA            | Winter Garden FL; Mexican-style mx. “La Que Buena” ID (P)  | F          | 0801       | 7/1         | PC         |
| 1690       | WMLB            | Avondale Estates GA; “AM 16-90 the voice of the arts” ID & folk mx   | W/F        | 0740       | 10/12       | BD         |
| 1690       | WPTX            | Lexington Park MD; “News Talk 16-90 WPTX Lexington Park” (P)   | W/F        | 0800       | 7/1         | PC         |
| 1690       | WPTX            | Lexington Park MD; news / talk, hrd to 0600  | F/G        | 0448       | 26/1        | MM         |
| 1690       | CHTO            | Toronto ON (pres); just made out “AM 16-90 Toronto” in poor conditions (P)   | W          | 0800       | 13/1        | PC         |
| 1700       | WEUP            | Huntsville AL; hot gospel  | W          | 0747       | 10/12       | BD         |
| 1700       | WEUP            | Huntsville AL; ad, ID “WEUP Huntsville Alabama”; u/KVNS  | Clr        | 0121       | 25/12       | BR         |
| 1700       | WEUP            | Huntsville AL; gospel and soul mx, ID  | F          | 0720       | 4/1         | HP         |
| 1700       | WJCC            | Miami Springs FL; reggae, Afro-Caribbean mx; <i>the format doesn't seem right for this station, or am I mistaken? - mah</i>  | F          | 0501       | 25/1        | MM         |
| 1700       | WJCC            | Miami Springs FL; legal ID in English and Spanish  | F          | 0800       | 25/1        | SW         |

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|------------|-----------------|---|------------|------------|-------------|------------|
| 1700       | KKLF            | Richardson TX; C2C talk // 870 kHz  | W          | 0754       | 10/12       | BD         |
| 1700       | KVNS            | Brownsville TX; oldies format now on night power!   | W          | 0751       | 10/12       | BD         |
| 1700       | KVNS            | Brownsville TX; Classic rock – Texas  | Clr        | 0121       | 25/12       | BR         |
| 1700       | KVNS            | Brownsville TX; tracks, ABC News on the hour  | G          | 0638       | 29/12       | MM         |
| 1700       | KVNS            | Brownsville TX; oldies ID “... Seventeen hundred KVNS” then into BeeGee’s record                | W          | 0500       | 13/1        | JW         |
| 1700       | KVNS            | Brownsville TX; “We are Oldies Radio 17-hundred KVNS Brownsville and the Rio Grande Valley” (P) | F          | 0900       | 13/1        | PC         |
| 1700       | KVNS            | Brownsville TX (presumed); oldies format & a little bit of rock – no ID                         | W/Fpks     | 0514       | 14/1        | Rha        |
| 1700       | KVNS            | Brownsville TX; "The music you love ... Oldies Radio 1700"                                      | W/F        | 0740       | 20/1        | JWe        |
| 1700       | KVNS            | Brownsville TX; oldies, “Oldies Radio” jingle; 0524 classic Rock n Roll from 60s and 70s ...    | W/F        | 0520       | 21/1        | HP         |
| 1700       | KVNS            | Brownsville TX; ID “Oldie Radio”, Sister Sledge   | G          | 0601       | 21/1        | OH         |

Many thanks to the following reporters:

- AB Andrew Brade, Holme-on-Spalding Moor, East Riding of Yorkshire. AOR AR 7030 plus, 40m EWE at 290°, 305m beverage at 220°. Recording on Sony MZ-NH1 minidisc + Total Recorder.
- BD Barry Davies, Carlisle, Cumbria. AOR AR 7030, 130m longwire.
- BR Brendan Rooney, Glencar, Sligo, Ireland. IC-756 Pro Mk3 w MW mod, 100m beverage at 300 degrees, K9AY loop.
- DX183 Wilhelm Herbst, Fjerritslev, Denmark; 21 beverages.
- FW Friedhelm Wittlieb, Lünen, Germany. Grundig Satellite 700 with martens fram-antenna.
- HP Hans Pammer, Loosdorf, Austria. Icom R75, AOR 7030+, HF-150, MFJ 1026 (modified), K9AY, 75m Beverage at 215°, 65m Beverage at 220°, 27m indoor LW.
- HPDK Hans Pammer at Fjerritslev, Denmark. HF-150, 21 beverages at DX183.
- JF John Faulkner, Sutton-in-Ashfield, Notts. AOR AR7030, ewe antenna, Winrad v1.24, VAC, WaveLab, Cool Edit Pro, RecAll-PRO.
- JW John Williams, Hemel Hempstead. AOR 7030 and 40m long wire.
- JWe Jack Weber, Hertfordshire, WINRADIO G313i, Wellbrook ALA1530 & ALA100
- KB Ken Baird, Ayrshire, in [www.tadx.mediumwaveradio.org](http://www.tadx.mediumwaveradio.org) . NRD545, and Perseus SDR; 500m Beverage at around 320 deg.
- mah Martin Hall, Clashmore, Sutherland. NRD-545, RPA-1 preamp, MFJ-1026 phaser (modified), beverages: 513m at 233 degrees, terminated; 475m at 262 degrees, terminated; 506m at 279 degrees, terminated, 550m at 338 degrees, terminated, 50m at 321 degrees, unterminated; TotalRecorder, Technics RS-BX404 cassette deck as backup.
- MM Martyn Madeley, Malvern Link, Worcestershire. AOR 7030+, McKay Dymek DR101, Wellbrook ALA 1530, Worcester SM2.
- OH Olaf Haenssler; Oldenburg, Germany. Drake R8; 1m2-Loop, LW, Homebrew-Phaser, Zoom H2-Audio recorder.
- PC Paul Crankshaw; Troon, Ayrshire. AR7030; Perseus SDR, EWE, MFJ-1025 Phaser (modified).
- Rha Ronald Hagensen, Ottersberg, Germany. AOR 7030plus, 22m at 315°, 28m at 290°, 243m beverage at 345/360°, coupled with the Mizuho AT-2000, Wellbrook ALA 1530 outdoors.
- SW Steve Whitt, High Catton, near York. AOR7030+, HF225 Europa, with dual loop K9AY.
- TB Tim Bucknall, Congleton, Cheshire. Icom IC-75, Wellbrook ALA 1530 outdoor loop, Panasonic OMR-ES10 DVD recorder.
- WoS Wolfgang Seyfried, Bad Wildbad, South West Germany. AOR7030+, Perseus, SDR-IQ; Wellbrook K9AY.

A warm welcome to **Wolfgang**, and also to **Olaf**, who writes “Here you will find my contribution to MWN. Nice loggings in the first two weeks of the new year and with my new Zoom H2. I have the chance to record some logs without my noise generator (PC)”.

**Wilhelm** writes: “After a long period of silence, here are some logs. I understand that you have no more time to (type up) many logs, but I have no internet. So I tried to cut all my many logs to less than 21. But I had problems, to reach 21 as you can see. Please feel free to delete what you want”. Good to hear from you again, Wilhelm, and thanks for your logs and enclosures. It is very time consuming to have to type up large logs manually, which is why I had to introduce the restriction, but I have included all yours this time. Since you don’t have internet access, but sent a typed contribution on paper, perhaps you might consider sending me a floppy disc or CD with your logs on by post, in an acceptable format – then you can send as many logs as you want! Please also send more details of the IDs you have heard in your future logs, to give confidence in your loggings and avoid readers thinking you are just “logging by listing” – if you don’t hear a positive ID, or unambiguous information or slogan from the station, then logs should be marked “tentative” or “presumed” – mah.

I’ve had a couple of very pleasant chats on the phone during the last month with **Brendan Rooney**, and was delighted to be able to pick out the 1460 KXNO ID on the cassette tape he sent me (subsequently checked and confirmed by AB). Congratulations on another UK/Ireland First! – mah.

**Martyn** tells us “So far this season has been for me at least pretty mediocre, (with) just the “regulars” from the other side of the Atlantic. I continue to have noise on the low band 500 to 1000 kHz creating problems, but did hear a few stations - they are mostly weak with few exceptions”. Good to hear from you again – mah.

**Hans** writes “Since 5 days I’m back from Denmark. Conditions were rather poor during my stay at DX183. Since my return the conditions were poor even here at home. So just three hands full of logs this time”. **John W** notes: “A very disappointing month (again!) - so only a few logs from me”, and **Jack’s** experience is similar: “The combination of generally poor conditions and lack of time make this rather a sparse log, I'm afraid”.

**Paul C:** “Conditions since the turn of the year have been very poor here. It has seemed more like May than January with Central/South America appearing on frequencies where I would expect North American stations to dominate. For example on 740 R Sociedade de Bahia has been a regular in the evenings. I've still to put the Perseus receiver truly through its paces although the wideband recording has come up with a few rarities. In my log I have marked as (P) all stations logged via wideband recording”.

Here in **Clashmore** the good conditions to the western parts of North America at the beginning of January continued until the 4<sup>th</sup>, being followed by a few days of good reception from the Caribbean. From the 8<sup>th</sup> onwards reception has been generally rather poor, with one or two interesting exceptions, reception being mainly from the east coast of North America and the Caribbean region. I’m typing this on the 24<sup>th</sup> January, and only in the last few days has reception from western states and provinces started to improve again - mah.

The **deadline** for the March DX Loggings is **Tuesday 26<sup>th</sup> February**. I look forward to receiving your logs by then, preferably electronically/via e-mail using the Word pro-forma, which I can supply on request. Since contributions that are not received electronically (i.e. via e-mail, floppy disc, or CD/DVD) are very time-consuming to incorporate into DX Loggings, **I regret that I am unable to accept logs of more than 20 stations in manuscript, paper or fax copy**. Please also remember that I don't automatically include loggings sent to the MWC e-List, so please copy me separately if you would like them included in DX Loggings. I’d like to request that you provide details of IDs of stations heard (particularly the less common catches) to give confidence that you have actually heard the stations logged. Many thanks for your help.

73’s Martin