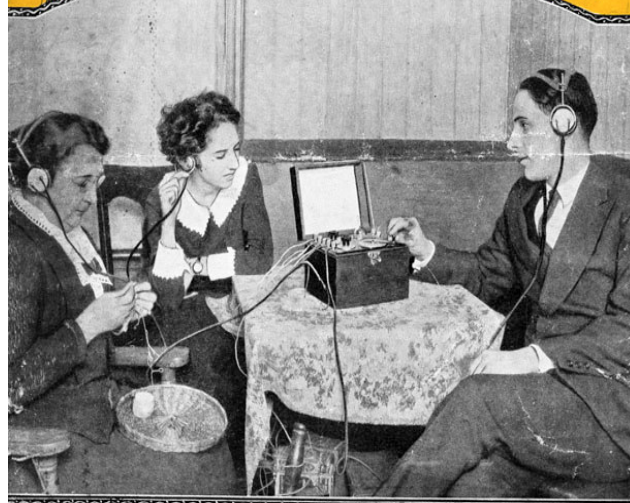


# MEDIUM WAVE NEWS

MEDIUM WAVE CIRCLE

November 2006 Volume 52 No. 6

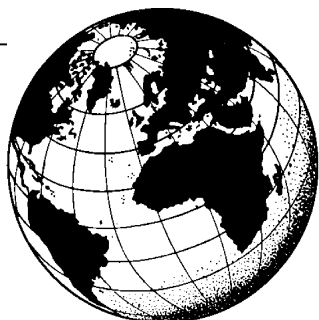
No. 1 'All about Wireless' - A New Paper for ALL  
**POPULAR** 3<sup>d</sup>  
**WIRELESS**  
Weekly



THE WORLD'S  
LATEST HOBBY  
FULLY EXPLAINED

PUBLISHED  
EVERY  
FRIDAY  
—  
ORDER IN  
ADVANCE

PACKED WITH  
PICTURES AND  
EXPERT ADVICE



- ♣ *WRTH/PWBR offer*
- ♣ *Software defined radios*
- ♣ *Tokyo Rose passes on*
- ♣ *Langenberg on MW*
- ♣ *New MWN Archive CDs*
- ♣ *New offshore radio CD*

|   |  |  |
|---|--|--|
| Hon. President*   | Bernard Brown, 130 Ashland Road West, Sutton-in-Ashfield, Notts. NG17 2HS                          |  |
| Treasurer/<br>Secretary*  | Clive Rooms, 59 Moat Lane, Luton LU3 1UU<br>☎ 01582-598989 (after 1800 hours)                      | (all general club enquiries)<br>treasurer@mwcircle.org                         |
| MWN General<br>Editor*  | Steve Whitt, Landsvale, High Catton, Yorkshire YO41 1EH<br>☎ 01759-373704                          | editor@mwcircle.org<br>(editorial & stop press news)                           |
| Membership<br>Secretary   | Paul Crankshaw, 3 North Neuk, Troon, Ayrshire KA10 6TT<br>☎ 01292-316008                           | membership@mwcircle.org<br>(all changes of name or address)                    |
| MWN Despatch  | Peter Wells, 9 Hadlow Way, Lancing, Sussex BN15 9DE<br>☎ 01903 851517                              | despatch@mwcircle.org<br>(printing/ despatch enquiries)                        |
| External<br>Representative  | George Brown, 6 Glassel Park Road, Longniddry, East Lothian, EH32 0NT<br>☎ 01875-852317            | (inter club liaison, advertising, publicity)                                   |
| Reprints Manager  | Clive Rooms  | reprints@mwcircle.org (all orders for club publications & reprints)            |
| MWN Contributing Editors (* = MWC Officer; all addresses are UK unless indicated) |  |  |
| DX Loggings   | Martin Hall, Glackin, 199 Clashmore, Lochinver, Lairg, Sutherland IV27 4JQ<br>☎ 01571-855360       | dxlogs@mwcircle.org  |
| Mailbag   | Herman Boel, Papeveld 3, B-9320 Erembodegem (Aalst), Vlaanderen (Belgium)<br>☎ +32-476-524258      | mailbag@mwcircle.org   |
| Home Front  | John Williams, 100 Gravel Lane, Hemel Hempstead, Herts HP1 1SB<br>☎ 01442-408567                   | homefront@mwcircle.org   |
| Eurolog   | John Williams, 100 Gravel Lane, Hemel Hempstead, Herts HP1 1SB                                     |  |
| World News  | Renato Bruni, Strada Borghetto 43, 43100 Parma, Italy  | world-news@mwcircle.org  |
| Beacons/Utility Desk  | David Towers, 20 Valiant Close Glenfield Leicester LE3 8JH<br>☎                                    | utility@mwcircle.org   |
| Central American<br>Desk  | Tore Larsson, Frejagatan 14A, SE-521 43 Falköping, Sweden<br>☎ +46-515-13702 fax: 00-46-515-723519 | ca-news@mwcircle.org   |
| S. American Desk  | Tore B Vik, Post Box 88, NO-1851 Mysen, Norway<br>☎ +47-69891192                                   | sa-news@mwcircle.org   |
| N. American Desk  | Barry Davies, 20 Ryehill Park, Smithfield, Carlisle CA6 6BH  | na-news@mwcircle.org   |
| Verifications   | Clive Rooms, 59 Moat Lane, Luton LU3 1UU   | verifications@mwcircle.org   |
| KEEP IN TOUCH   | Internet: MWC Web site<br>e-mail news service:   | http://www.mwcircle.org<br>FREE service for members; e-mail postmaster to join |
| Webmaster   | Tony Hudson  | webmaster@mwcircle.org   |
| Postmaster  | Rémy Friess  | postmaster@mwcircle.org  |

## STOP PRESS:

This month we'd like to extend a warm Circle welcome to the following new (and re-joining) members: Hans Ostnell, Norway; Jan Alvestad, Norway – rejoin; David Kent, Burnsville, NC; Cornel van Ravenswaaij, Rotsterhalle, Netherlands; Philip Earnshaw, Scarborough; Michael Hudson, Wingham, Kent – rejoin; Robert Fisher, Bath; Valter Cornuzzi, Italy; Tarmo Kontro, Espoo, Finland; Patrick Healy, ???; Ross Purves, Bedford; and Barry Day, Leigh

## WELCOME TO THE CIRCLE!

Stop Press Deadlines: 26<sup>th</sup> November for December 2006 24<sup>th</sup> December for January 2007

Cover illustration: First Edition of *Popular Wireless* published June 3<sup>rd</sup> 1922

Medium Wave News is published 10 times a year by the Medium Wave Circle

© 2006

# EDITORIAL

with Steve Whitt

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

---

## Welcome

The last six months has seen an explosion in activity at the MWN website and in the on-line store. This has also resulted in welcome publicity in other radio publications and on various websites and a pleasant spin-off has been an in-flux of new members. Much of this has only been possible because of the dedicated effort of Tony Hudson who has really pushed the website ahead.

The reason I mention this is because a club like the Circle can only thrive and grow through the efforts of its members. If Tony had merely paid his membership fee and sat back it's likely that none of this would have happened. Similarly if this month's feature writer Jack Weber had only paid his subscription rather than put pen to paper we would have a much less interesting issue of MWN.

It's been said before, many times I'm afraid, that we really would like to involve as many members as possible in the operation of the club.

With the new website we have the opportunity for more developments but they only are worth instigating if members want them and use them. For instance the Circle now offers free unlimited web space on its servers to all members (how many clubs do that?), we could easily offer a blog facility and are contemplating an on-line second opinion service for any DX catch that you may have recorded.

As for publications, Martin, John, Clive and Dave need your logs and contributions for their columns. For example if every UK member made one typical contribution to the Home Front each year John would have to produce 30 pages more (sorry John!!!!)

This month John Williams is trying to thoroughly research low power AM stations around the UK. There are 80 of them out there but most have never been reported heard in MWN or any other magazine! Why doesn't every member take at least one spin of the dial and let John know exactly which LPAM stations they can hear (local and distant). To get the full picture John needs to cover the whole of the UK but, sadly, past experience suggests that he'll hear from less than 5 members! Why? Does everyone assume that someone else will step forward? Are most people not interested?

Talking of publications, this month we reveal a digital version of Medium Wave News going back to the 1950s! As you'll see we captured every copy of MWN in our paper archive into a digital format. Unfortunately we still have gaps in the 60s and almost nothing pre 1959. So if you know where old copies of Medium Wave News might exist please get in touch with Clive Rooms, Steve Whitt or Tony Hudson. We'd love to close those gaps!

Despite the fact that the Circle is in a financially sound position, despite the fact that we are attracting new members it has to be said that more members need to participate in one way or another to keep the club healthy and dynamic. Please think how you could get involved – and then do it!

## A 21<sup>st</sup> century digital archive

The Medium Wave Circle has been publishing Medium Wave News for more than 50 years but only recently has MWN been available in a fully electronic format.

Now that is all about to change!

The Circle has been extremely busy converting its unique paper archive into electronic form. Sadly, no paper copies survive from the earliest years of the club but now even the rarest paper copies from the 1950s onwards will be accessible to everyone.

We have scanned every issue into pdf files, which are now available on CD to anyone interested in MW listening or indeed in radio history. Looking at copies from 30, 40 or 50 years ago gives a fascinating insight into what was achieved using much more basic equipment than today. It also shows how much has been learned over subsequent years. What is perhaps amazing is that some of the names that pop up in the early issues are still appearing in Medium Wave News in the 21st century.

We are now ready to take advance orders for the seven archive CDs that span four decades. The CDs will be despatched from December 1st so you should have them in good time for Christmas. For full details of these CDs including pricing and how to securely order them online click here <http://mwcircle.org/mcd.htm>

We hope you enjoy this journey through the unique history of the Circle.

### New MWC CD – Offshore Radio Collection

Our latest CD, The Offshore Radio Collection, features several hours of recordings from Radio Caroline North, recordings from Radio Caroline South, Radio Atlanta, Radio City, Radio England & Radio 227. From 1962, there are a couple of shows from the Scandinavian offshore station Radio Nord. There are 3 hours from the 1997 Radio London RSL broadcasting off the Essex coast. From BBC Radio Humberside, there is a feature programme about Radio Northsea International, and from BBC Radio York, there are several hours of their recent tribute programme to Radio 270. Plus much more! Please note these are digital mp3 recordings.



Like all our other CDs this can be ordered from the Circle's online store at our website or directly from Clive Rooms.

### What's in Store?

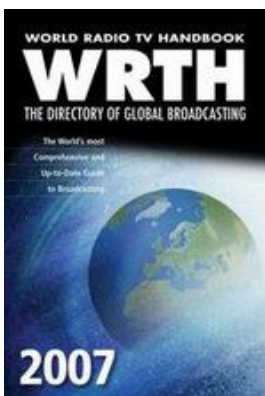
This year has been busy and the Circle's on-line store is getting well stocked. So here is a summary of what's available.

| CD Title                              | UK | Europe | Rest Of World | Availability  |
|---------------------------------------|----|--------|---------------|---------------|
| MWN Volume 49                         | £5 | €10    | US \$12       | Available now |
| MWN Volume 50                         | £5 | €10    | US \$12       | Available now |
| MWN Volume 51                         | £5 | €10    | US \$12       | Available now |
| UK and Ireland LW and MW Transmitters | £5 | €10    | US \$12       | Available now |
| Radio Caroline 1984-1986 Double CD    | £9 | €15    | US \$19       | Available now |
| Laser Radio 1984-1986 Double CD       | £9 | €15    | US \$19       | Available now |
| Sony ICF2010/ICF2001D Archive CD      | £5 | €10    | US \$12       | Available now |
| The Reprint CD                        | £9 | €15    | US \$19       | Available now |

|                                      |    |     |         |                        |
|--------------------------------------|----|-----|---------|------------------------|
| The Offshore Radio Collection CD     | £5 | €10 | US \$12 | Available now          |
| Medium Wave News in the 60's*        | £5 | €10 | US \$12 |                        |
| Medium Wave News in the 70's Part 1  | £5 | €10 | US \$12 |                        |
| Medium Wave News in the 70's Part 2  | £5 | €10 | US \$12 |                        |
| Medium Wave News in the 70's, 2 CD's | £9 | €15 | US \$19 | <b>Pre-order now</b>   |
| Medium Wave News in the 80's Part 1  | £5 | €10 | US \$12 | <b>released</b>        |
| Medium Wave News in the 80's Part 2  | £5 | €10 | US \$12 | <b>1st December 06</b> |
| Medium Wave News in the 80's, 2 CD's | £9 | €15 | US \$19 |                        |
| Medium Wave News in the 90's Part 1  | £5 | €10 | US \$12 |                        |
| Medium Wave News in the 90's Part 2  | £5 | €10 | US \$12 |                        |
| Medium Wave News in the 90's, 2 CD's | £9 | €15 | US \$19 |                        |

Usual means of payment apply for cheques/cash. However if you can order on line it is really convenient and secure.

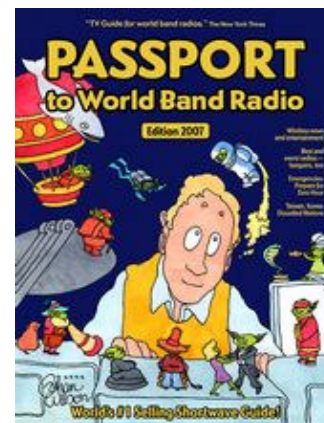
## Book offers



It's that time of year again. Yes we have the 2007 Editions of World Radio TV Handbook and Passport to Worldband Radio available at members-only discount prices.

This year WTH is actually cheaper than last year and a UK member can save £6.50.

But you need to be quick to order; orders must be received by 25<sup>th</sup> November. Turn to the back of this issue for full details and an order form.



## Antenna news

Array Solutions has begun to sell the K9AY AYL-4 once again. This is an innovative design for a 4 direction K9AY antenna and it looks ideal for quick to erect and take-down situations.

<http://www.arrayolutions.com/Products/lowbandrcv.htm#top%20of%20page>

## Tuning into DRM

Have you ever wondered what to make of all that DRM racket on 1440 or 1593kHz? Well you can tune in to this and find out what it sounds like via the Circle web site. There you'll find on-line access to a software defined radio (see article by Jack Weber in this issue of MWN), a Win Radio G313 provided by Tony Hudson. Just go to [www.mwcircle.org](http://www.mwcircle.org) Where else can you use a £850 receiver for free?



## Radio Netherlands Open Day

Radio Netherlands Worldwide will be 60 years old on Sunday 15 April 2007. Ten years ago, our 50th birthday was celebrated with an Open Day, and again for the 60th anniversary we will be opening our doors to everyone who wants to come and have a look around. Details of activities on the day, and a host of other activities planned for 2007, will be published in due course. But if you're thinking of visiting the Netherlands, make a note of the date.



## SOS 100 years old

On November 3rd 1906 at the International Wireless Telegraph Convention held in Berlin, the final agreement was signed by 27 countries. This convention established 500kHz as a maritime radio frequency which subsequently became the international distress and calling frequency and remains so today in some parts of the world. The convention states; "ships in distress shall use the following signal ... -- -... repeated at brief intervals" SOS came into common use on 1st July 1908 but some Marconi manned ships continued to use CQD often as well as SOS. The Titanic was not, as commonly supposed, the first ship to use SOS.

## Get together

DXing isn't always conducted at the dials of a radio in the depth of the night. Once in while DXers dare venture out of their shacks into the real world, with all the risks that entails. A couple of weeks back paparazzi caught up with DXers Martin Hall, Andrew Brade and Steve Whitt who were having, what they thought was a private meal at an excellent Indian restaurant in Yorkshire. Diners at adjacent tables claimed that they overheard plans for DX-peditions being hatched and the waiters said that strange hieroglyphics had been found scribbled on most of the napkins – apparently they've been sent of for further analysis!



## Coming next month

Next month will see a new development for the Circle as we'll be providing a free CD with every copy of printed Medium Wave News. This will contain the entire archive of Medium Wave News from the 1960s. If you don't have a PC at home this CD can be read at virtually any PC, at work or at a public library etc.

## Finally

A huge thank you should go to Tony Hudson for the mammoth task of scanning the fragile MWN archive paperwork. Lest anyone underestimate this task, Tony had to process over 40 years of paper and nearly 400 issues of MWN!

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 |    |   |   |   |   |   |   |   |   |
| 2006 09 23 | 7                                       | 0         | 1 | 1 | 1 | 1 | 1 | 3 | 4                                  | 8         | 0 | 0 | 2 | 3 | 3 | 1 | 2                                | 3         | 9  | 0 | 1 | 2 | 1 | 1 | 1 | 3 | 4 |
| 2006 09 24 | 15                                      | 4         | 4 | 3 | 3 | 3 | 2 | 2 | 2                                  | 29        | 4 | 5 | 4 | 6 | 4 | 3 | 1                                | 1         | 23 | 5 | 5 | 4 | 5 | 3 | 2 | 2 | 2 |
| 2006 09 25 | 6                                       | 1         | 2 | 1 | 3 | 2 | 1 | 1 | 2                                  | 19        | 2 | 1 | 2 | 6 | 5 | 1 | 1                                | 1         | 6  | 1 | 2 | 1 | 3 | 2 | 0 | 1 | 2 |
| 2006 09 26 | 5                                       | 2         | 2 | 1 | 1 | 1 | 1 | 1 | 2                                  | 6         | 1 | 3 | 2 | 1 | 2 | 1 | 1                                | 2         | 6  | 2 | 3 | 2 | 0 | 1 | 1 | 1 | 2 |
| 2006 09 27 | 2                                       | 2         | 1 | 0 | 0 | 1 | 1 | 0 | 0                                  | 2         | 2 | 1 | 0 | 2 | 0 | 0 | 0                                | 0         | 4  | 3 | 2 | 0 | 1 | 1 | 0 | 0 | 1 |
| 2006 09 28 | 2                                       | 0         | 0 | 1 | 1 | 1 | 1 | 1 | 1                                  | 1         | 0 | 0 | 0 | 2 | 1 | 0 | 0                                | 0         | 2  | 0 | 0 | 1 | 1 | 1 | 0 | 0 | 1 |
| 2006 09 29 | 3                                       | 0         | 1 | 0 | 0 | 1 | 2 | 2 | 1                                  | 2         | 0 | 0 | 2 | 1 | 0 | 0 | 1                                | 0         | 3  | 1 | 1 | 0 | 0 | 1 | 2 | 1 | 1 |
| 2006 09 30 | 9                                       | 1         | 3 | 2 | 3 | 2 | 2 | 2 | 2                                  | 18        | 0 | 3 | 4 | 6 | 3 | 1 | 1                                | 1         | 12 | 0 | 3 | 3 | 4 | 2 | 2 | 1 | 3 |
| 2006 10 01 | 14                                      | 4         | 4 | 3 | 3 | 3 | 2 | 1 | 1                                  | 37        | 4 | 4 | 5 | 6 | 6 | 4 | 1                                | 1         | 25 | 5 | 5 | 4 | 3 | 3 | 1 | 3 | 3 |
| 2006 10 02 | 6                                       | 2         | 2 | 3 | 1 | 2 | 1 | 1 | 1                                  | 13        | 2 | 2 | 4 | 4 | 3 | 2 | 2                                | 1         | 7  | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 2 |
| 2006 10 03 | 6                                       | 1         | 3 | 1 | 1 | 2 | 2 | 1 | 1                                  | 9         | 2 | 1 | 1 | 4 | 3 | 3 | 1                                | 0         | 5  | 1 | 2 | 1 | 1 | 2 | 2 | 1 | 2 |
| 2006 10 04 | 2                                       | 0         | 2 | 1 | 0 | 1 | 1 | 1 | 0                                  | 2         | 0 | 1 | 1 | 0 | 1 | 2 | 0                                | 1         | 3  | 1 | 2 | 1 | 0 | 0 | 1 | 1 | 1 |
| 2006 10 05 | 2                                       | 0         | 0 | 1 | 1 | 1 | 1 | 2 | 0                                  | 2         | 0 | 0 | 1 | 1 | 1 | 0 | 1                                | 0         | 3  | 1 | 0 | 1 | 0 | 1 | 1 | 1 | 1 |
| 2006 10 06 | 2                                       | 0         | 0 | 2 | 1 | 0 | 0 | 1 | 0                                  | 3         | 0 | 0 | 1 | 3 | 1 | 0 | 0                                | 0         | 3  | 0 | 0 | 2 | 1 | 1 | 1 | 0 | 1 |
| 2006 10 07 | 7                                       | 0         | 2 | 1 | 0 | 2 | 2 | 3 | 3                                  | 4         | 0 | 0 | 1 | 1 | 2 | 2 | 2                                | 2         | 9  | 0 | 1 | 1 | 0 | 1 | 3 | 3 | 4 |
| 2006 10 08 | 6                                       | 3         | 1 | 1 | 2 | 2 | 2 | 1 | 1                                  | 11        | 3 | 0 | 1 | 5 | 3 | 2 | 1                                | 0         | 7  | 3 | 0 | 0 | 2 | 2 | 2 | 1 | 1 |
| 2006 10 09 | 3                                       | 0         | 3 | 1 | 0 | 1 | 0 | 1 | 0                                  | 2         | 0 | 1 | 2 | 1 | 0 | 0 | 0                                | 0         | 5  | 1 | 3 | 2 | 0 | 1 | 1 | 1 | 2 |
| 2006 10 10 | 0                                       | 1         | 0 | 0 | 0 | 0 | 0 | 0 | 0                                  | 0         | 0 | 0 | 0 | 1 | 0 | 0 | 1                                | 0         | 2  | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| 2006 10 11 | 2                                       | 1         | 1 | 2 | 0 | 1 | 0 | 0 | 0                                  | 2         | 1 | 0 | 1 | 1 | 1 | 0 | 0                                | 0         | 3  | 1 | 0 | 2 | 0 | 1 | 1 | 0 | 1 |
| 2006 10 12 | 3                                       | 2         | 1 | 1 | 0 | 1 | 1 | 0 | 2                                  | 5         | 0 | 0 | 0 | 2 | 3 | 3 | 0                                | 1         | 5  | 2 | 1 | 1 | 1 | 1 | 2 | 0 | 3 |
| 2006 10 13 | 15                                      | 1         | 2 | 3 | 3 | 3 | 2 | 4 | 4                                  | 32        | 1 | 2 | 6 | 4 | 5 | 5 | 3                                | 4         | 24 | 2 | 3 | 4 | 4 | 3 | 3 | 5 | 4 |
| 2006 10 14 | 12                                      | 3         | 3 | 2 | 2 | 2 | 3 | 3 | 3                                  | 32        | 2 | 3 | 5 | 6 | 4 | 5 | 3                                | 3         | 18 | 4 | 4 | 3 | 3 | 2 | 3 | 3 | 4 |
| 2006 10 15 | 9                                       | 3         | 3 | 3 | 2 | 1 | 1 | 2 | 2                                  | 14        | 3 | 2 | 4 | 4 | 3 | 2 | 2                                | 1         | 10 | 3 | 3 | 2 | 3 | 1 | 1 | 1 | 2 |
| 2006 10 16 | 7                                       | 3         | 1 | 2 | 1 | 2 | 1 | 1 | 3                                  | 13        | 1 | 1 | 2 | 3 | 4 | 3 | 1                                | 4         | 8  | 3 | 2 | 2 | 1 | 1 | 1 | 2 | 3 |
| 2006 10 17 | 2                                       | 2         | 0 | 0 | 1 | 1 | 0 | 1 | 0                                  | 2         | 1 | 0 | 1 | 2 | 1 | 1 | 0                                | 0         | 2  | 1 | 0 | 0 | 1 | 0 | 0 | 1 | 0 |
| 2006 10 18 | 2                                       | 2         | 2 | 1 | 0 | 0 | 0 | 1 | 0                                  | 3         | 0 | 1 | 1 | 2 | 2 | 0 | 0                                | 0         | 4  | 1 | 2 | 1 | 0 | 0 | 0 | 1 | 1 |
| 2006 10 19 | 1                                       | 0         | 1 | 0 | 1 | 1 | 0 | 0 | 0                                  | 1         | 0 | 0 | 0 | 2 | 0 | 0 | 0                                | 0         | 2  | 0 | 1 | 0 | 1 | 1 | 0 | 0 | 1 |
| 2006 10 20 | 9                                       | 2         | 0 | 2 | 2 | 3 | 2 | 3 | 3                                  | 10        | 2 | 0 | 1 | 3 | 4 | 3 | 2                                | 2         | 10 | 2 | 0 | 1 | 2 | 3 | 3 | 3 | 3 |
| 2006 10 21 | 10                                      | 3         | 2 | 3 | 2 | 2 | 3 | 2 | 2                                  | 25        | 3 | 3 | 3 | 5 | 5 | 5 | 2                                | 2         | 15 | 3 | 2 | 3 | 3 | 3 | 4 | 3 | 2 |
| 2006 10 22 | 12                                      | 2         | 4 | 2 | 2 | 3 | 2 | 2 | 3                                  | 19        | 3 | 3 | 5 | 1 | 4 | 4 | 2                                | 2         | 13 | 2 | 5 | 3 | 1 | 2 | 2 | 3 | 3 |
| 2006 10 23 | 2                                       | 0         | 0 | 0 | 1 | 0 | 1 | 1 | 1                                  | 3         | 2 | 0 | 0 | 2 | 2 | 1 | 1                                | 0         | 3  | 1 | 0 | 0 | 1 | 1 | 1 | 1 | 1 |
| 2006 10 24 | 3                                       | 0         | 0 | 2 | 1 | 1 | 1 | 1 | 1                                  | 4         | 0 | 0 | 2 | 1 | 3 | 0 | 1                                | 1         | 4  | 0 | 1 | 2 | 1 | 1 | 1 | 1 | 1 |
| 2006 10 25 | 4                                       | 2         | 2 | 2 | 1 | 1 | 1 | 0 | 0                                  | 2         | 0 | 1 | 2 | 1 | 0 | 0 | 0                                | 0         | 4  | 1 | 2 | 2 | 1 | 0 | 0 | 0 | 0 |
| 2006 10 26 | 1                                       | 0         | 0 | 1 | 1 | 1 | 0 | 0 | 0                                  | 3         | 0 | 0 | 1 | 2 | 2 | 1 | 0                                | 0         | 1  | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 |
| 2006 10 27 | 3                                       | 1         | 0 | 0 | 1 | 1 | 1 | 2 | 2                                  | 2         | 0 | 0 | 0 | 2 | 1 | 0 | 1                                | 1         | 2  | 1 | 0 | 0 | 1 | 0 | 0 | 1 | 2 |

| UTC Date    | Radio Flux<br>10.7 cm | Planetary<br>A Index | Largest<br>Kp Index |
|-------------|-----------------------|----------------------|---------------------|
| 2006 Nov 01 | 70                    | 5                    | 2                   |
| 2006 Nov 02 | 70                    | 5                    | 2                   |
| 2006 Nov 03 | 70                    | 8                    | 3                   |
| 2006 Nov 04 | 70                    | 5                    | 2                   |
| 2006 Nov 05 | 70                    | 5                    | 2                   |
| 2006 Nov 06 | 70                    | 5                    | 2                   |
| 2006 Nov 07 | 70                    | 5                    | 2                   |
| 2006 Nov 08 | 70                    | 5                    | 2                   |
| 2006 Nov 09 | 70                    | 20                   | 4                   |
| 2006 Nov 10 | 70                    | 15                   | 3                   |
| 2006 Nov 11 | 70                    | 10                   | 3                   |
| 2006 Nov 12 | 70                    | 8                    | 3                   |
| 2006 Nov 13 | 70                    | 5                    | 2                   |
| 2006 Nov 14 | 75                    | 5                    | 2                   |
| 2006 Nov 15 | 75                    | 5                    | 2                   |
| 2006 Nov 16 | 75                    | 10                   | 3                   |
| 2006 Nov 17 | 75                    | 18                   | 4                   |
| 2006 Nov 18 | 75                    | 10                   | 3                   |

← Short Term Forecast

# TOKYO ROSE PASSES ON

Compiled from various sources

---

Iva Toguri D'Aquino, the Japanese-American convicted of treason in 1949 for broadcasting propaganda from Japan to United States servicemen in World War II as the seductive but sinister Tokyo Rose, died on 26<sup>th</sup> September in Chicago aged 90. Mrs. D'Aquino, served more than six years in prison but steadfastly denied disloyalty and received a presidential pardon in 1977.

Tokyo Rose was a mythical figure. The persona, its origin murky, had been bestowed by American servicemen collectively on a dozen or so women who, broadcast for Radio Tokyo, telling soldiers, sailors and marines in the Pacific that their cause was lost and that their sweethearts back home were betraying them.

The broadcasts did nothing to dim American morale. The servicemen enjoyed the recordings of American popular music, and the United States Navy bestowed a satirical citation on Tokyo Rose at war's end for her entertainment value.

But the identity of Tokyo Rose became attached to Mrs. D'Aquino, a native of Southern California and the only woman broadcasting for Radio Tokyo known to be an American citizen. She emerged as an infamous figure in a rare treason trial.

Convicted in 1949 by a federal jury in San Francisco on one of eight vaguely worded counts, she was sentenced to 10 years in prison and a \$10,000 fine. She served 6 years and 2 months, then lived quietly in Chicago, running a family gift shop.



Iva Ikuko Toguri was born in Los Angeles on the Fourth of July 1916, a daughter of Japanese immigrants who owned a grocery store. She graduated from UCLA in 1940 with a degree in zoology, hoping to become a physician.

She visited an ailing aunt in Tokyo in the summer of 1941 at the request of her mother. But, when the Japanese attacked Pearl Harbour, she was stranded in Tokyo, knowing virtually no Japanese, deprived of a food ration card by the authorities after refusing to become a Japanese citizen and hard-pressed to find work.

In 1942, she obtained a job with the Domei news agency, monitoring American military broadcasts, and late in 1943 she became an announcer and disc jockey for Radio Tokyo's propaganda broadcasts, playing American musical recordings on the "Zero Hour" program beamed to American servicemen. She called herself "Ann" or "Orphan Ann," short for announcer and a play on the Orphan Annie character.

While continuing to work for Radio Tokyo in 1945, she married Felipe D'Aquino, a Domei news agency employee with Portuguese citizenship and Japanese ancestry. When the war ended, several American reporters learned of Mrs. D'Aquino's broadcasts and interviewed her in Japan. She said that she was Tokyo Rose, evidently presuming that no great notoriety would be attached to that and perhaps hoping to embellish an intriguing story for American readers, having been paid for her



account in a magazine article. She subsequently denied ever having called herself Tokyo Rose in her broadcasts, and no evidence was produced to the contrary.

As an outgrowth of the publicity, Mrs. D'Aquino was arrested and questioned by American military occupation authorities and the FBI. The United Press quoted her at the time as saying, "I didn't think I was doing anything disloyal to America."

Mrs. D'Aquino was released in Autumn 1946 from custody in Japan after the Army and the Justice Department concluded that there were no grounds for prosecuting her. But the Justice Department reopened the case in 1948. Loyalty issues were becoming a national political flashpoint, although mainly in the context of the cold war, and the American Legion and the powerful columnist and broadcaster Walter Winchell had spoken out against Mrs. D'Aquino.

Mrs. D'Aquino, who had unsuccessfully sought permission from American authorities to return to California, was arrested on charges of treason, transported to San Francisco, held in a county jail for a year, then put on trial in 1949.

Treason, the only crime outlined in detail in the US Constitution, is defined as "levying war" against the United States or giving "aid and comfort" to its enemies. A defendant may be convicted only "on the testimony of two witnesses to the same overt act, or on confession in open court." Up to the end of World War II, there had only been some 30 treason cases in United States history. When Mrs. D'Aquino went on trial, five Americans had been convicted of treason for actions in the war, four having broadcast for Nazi Germany, most notably Millard Gillars, known as Axis Sally.

Tom DeWolfe, a special assistant attorney general, told the jury that Mrs. D'Aquino had engaged in "nefarious propagandistic broadcasts" without being under duress. Former supervisors for Radio Tokyo testified that she had made propaganda broadcasts willingly, and a few broadcast tapes were played for the jury, though none were identified as containing Mrs. D'Aquino's voice.

Testifying at the 12-week trial, Mrs. D'Aquino denied that she had ever made any disloyal statements on Radio Tokyo. She was supported in testimony from former Allied prisoners of war who had worked in the Japanese broadcasting operation. In a statement that she had given to the F.B.I. in Japan and that was entered in the court record, she said that she had sought to reduce the programs' effectiveness as propaganda by inserting double meanings in some of her broadcasts.

Mrs. D'Aquino was convicted on a single count of treason, relating to a broadcast she was alleged to have made to American servicemen in October 1944, referring to the loss of their ships. According to prosecution testimony, she said: "Orphans of the Pacific, you really are orphans now. How will you get home now that all your ships are lost?"

After her release from the federal penitentiary for women in Alderson, W. Va., Mrs. D'Aquino fought government efforts to deport her. She ran an Asian grocery store and gift shop in Chicago that family members had opened after their release from a wartime internment camp in Arizona. Her husband returned to Japan after her trial, and she never saw him again.

President Ford pardoned Mrs. D'Aquino after she had appealed to him in writing. The decision was supported by a unanimous vote of the California state legislature, the national Japanese-American Citizens League, and S.I. Hayakawa, then a United States Senator-elect from California. "It is hard to believe," Mrs. D'Aquino said on receiving word of President Ford's action. "But I have always maintained my innocence — this pardon is a measure of vindication."

Listen to Tokyo Rose at: [http://www.earthstation1.com/Tokyo\\_Rose.html#The](http://www.earthstation1.com/Tokyo_Rose.html#The)

# SOFTWARE DEFINED RADIO

with Jack Weber

---

What kind of receiver do you use for MW DXing? I'm sure that many MWC members have a communications receiver from AOR, Icom, JRC or one of the other major receiver manufacturers; there'll be a smattering of portables and a handful of older valve-based receivers too. A few of us, though, use something entirely different – a software-defined receiver, or SDR, which runs on a normal domestic PC.

The basic concept of using software, rather than hardware, to carry out the functions of a radio receiver originated in secret military research dating back to the 1970s, though it wasn't publicly acknowledged until the '90s. Today, SDRs are widely used in professional monitoring circles including surveillance, military communications, broadcast monitoring and so on. More specialized versions are also becoming common in mobile telephone base stations and are being developed for wireless computer networks. DXers and radio amateurs haven't been left behind though, and there is now a rapidly growing list of reasonably priced SDRs available to hobby users.

I've owned SDRs for nearly three years now. I've also written receiver reviews for *Monitoring Monthly* magazine (and, before that, for the now-defunct *Short Wave Magazine*), and that's given me the rare opportunity of having been able to use every model of general-coverage SDR that's been released in the UK. Next month, I'll round up what's on offer and see how they compare in MW performance. But first, I'll look at how an SDR works and what it has to offer.



Fig. 1: *The hardware part of most SDRs is fitted into an external box that connects to a USB or other port on the PC. This is the FlexRadio SDR-1000, which is larger than most because it's designed as an amateur transceiver but, with transmit disabled, makes a good general coverage receiver.*

## Basics

The basic idea behind the SDR is remarkably simple, even if it's quite complicated to put into practice. Think of it by analogy to digital music on a CD. The music starts out as analogue sound, but is then digitised to produce a stream of numbers that describes the varying waveform. Once it's been converted to digital form, it can be amplified, filtered, mixed and modified in all sorts of ways simply by manipulating the numbers. Modern recording studios are almost all digital so the music remains in this numerical form throughout the whole production and distribution process and doesn't need to be converted back to analogue until it's time for you to play the CD at home.

SDRs do exactly the same for radio signals. Suppose you could digitise the fluctuating voltage that comes out of your antenna, then all the functions of a receiver, including bandwidth filters, mode setting, passband shift, AGC, notch filters, tone controls, etc, could be done just by manipulating the numbers. The output would only need to become analogue again to drive the speaker or headphones.



Fig. 2: The G3 series of SDRs from Australian company WinRADIO is available either as external boxes or as PCI cards that plug into one of the expansion slots inside the PC.

This kind of pure SDR is possible but isn't often used because it still presents many technical challenges. Instead, most current SDRs start with a fairly conventional hardware front end to amplify the weak signal from the antenna and convert it to a lower intermediate frequency (IF), just as a superhet receiver does. It's this IF signal that is digitised. From that point on, everything is done by computer software until the final stage, where a digital-analogue converter produces the audio output.

The complex work of filtering and demodulation is done by a specialised chip called a Digital Signal Processor (DSP). This is really just another computer processor, but specifically designed for this kind of work. Some SDRs are self-contained and come with their own DSP chip, others take advantage of the convenient fact that the soundcard in your PC already has DSP built into it. By using this familiar and cheaply available PC hardware, SDRs manage to provide a level of

performance that wouldn't normally be available at that price. Especially if you already have a PC and don't include its cost in the equation.

Compared to everyday software such as word processors or web browsers, SDRs make big demands on a PC, largely because they have to handle a continuous stream of real-time data. However just about any PC from the last couple of years should manage this, as will many older ones. A clock speed of 2 GHz or more should present no problems, but even 1 GHz machines will usually be fine so long as you don't ask them to do other things at the same time.

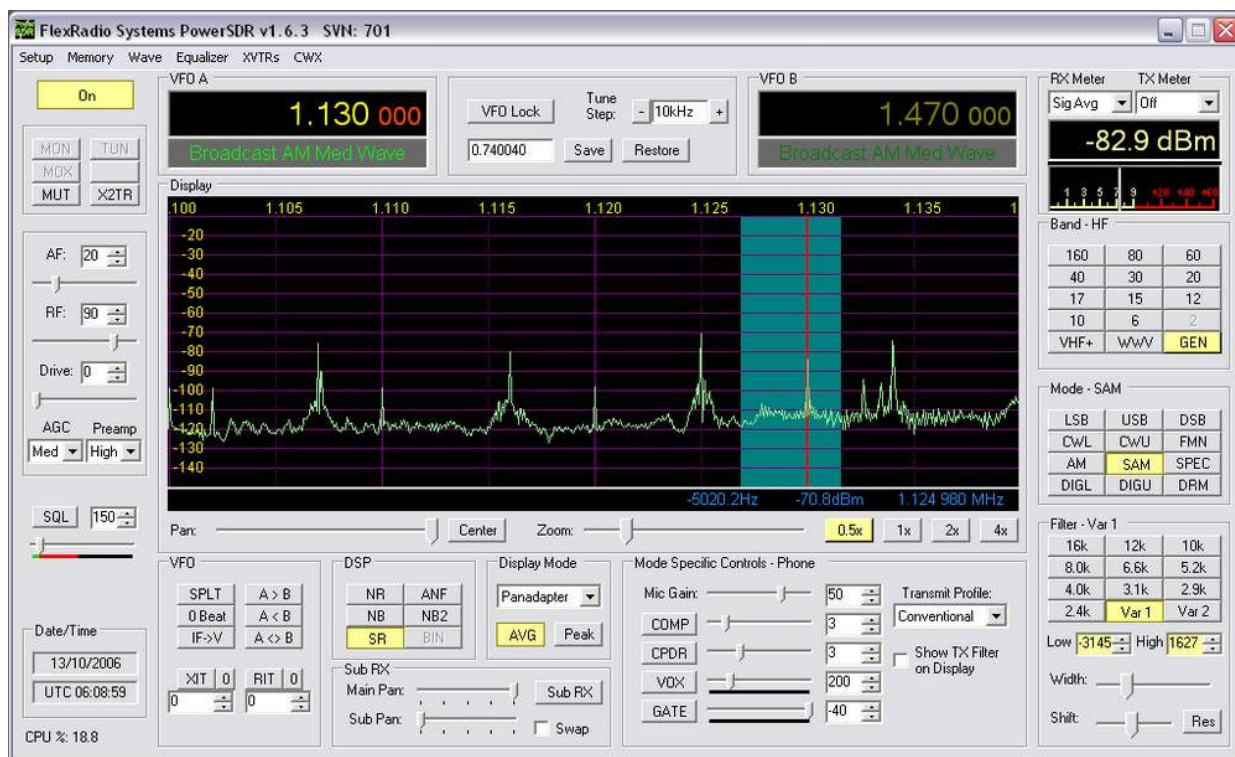


Fig. 3: Every SDR provides a real-time bandscope to display a range of frequencies around the one that you're tuned to. You can see here that there are signals visible on every European and American channel.

As we've seen, the point at which the radio signal is converted from its natural analogue form into a stream of digits is usually in the final IF stage. Unlike a conventional all-hardware superhet, which often has a final IF of around 455 kHz, many SDRs have their final IF at around 11 kHz. This puts it pretty much in the centre of the audio frequency range and so it's well suited to being processed by a computer soundcard or other relatively affordable DSP.

In any situation where an analogue signal needs to be digitised, there are two important parameters that affect the performance. One is sampling rate, the other is bit resolution. Sampling rate refers to how many times per second the ADC (Analogue to Digital Converter) samples the incoming waveform. And bit resolution tells you how many bits (ones and zeroes) are used to describe each sample.

The effects of changing sampling rate are summed up in Nyquist's Theorem which states that the sampling rate must be at least twice the highest frequency you want to digitise. So, in order to digitise music, which has an upper limit of around 20 kHz, you'd need a sampling rate of at least 40 kHz. For various reasons it's much better to allow a margin and not use a sampling frequency that's too close to the Nyquist limit. Hence the 44.1 kHz sampling rate that's used for music CDs and is available on all computer soundcards. Using this, or the next highest rate of 48 kHz, any SDR can digitise 20+ kHz of IF bandwidth at a time.



Many professional soundcards that are designed for music recording now offer 96 and even 192 kHz sampling and some SDRs are able to make use of these higher rates. As we'll see next month, this extends the features that SDRs can offer. Especially as some models make use of the two stereo channels to effectively double the available bandwidth. If you're not tied to using a soundcard, then there are ADCs available that can sample at over 200 MHz. However, they're significantly more expensive and also tend to operate with a lower bit resolution.



← Fig. 4: *The Griffin PowerMate is a stand-alone hardware tuning knob that works with most SDRs*

Bit resolution matters because it defines the dynamic range that any digital processing system can achieve. This is very important in a receiver because it affects the ability to hear weak signals and to cope with nearby strong signals

– exactly the situation we face on MW. By adding more bits we increase the dynamic range and produce a better receiver. The SDRs available to us currently range from 14-bit (corresponding to a dynamic range of 84dB) to 24-bit (corresponding to 144dB). A dynamic range of 84dB is worse than you'd get from a good analogue communications receiver, while 144dB is much better. In fact, the theoretically possible value is never fully achieved, but even so a good SDR should be at least as good in this respect as the best analogue receivers.

## Advantages of SDRs

That apart, there are several other major advantages to implementing a radio in software. The first, which is not unique to SDRs but is particularly easy to implement in an SDR, is that it enables you to use digital filters of a quality that would be impossible to achieve with analogue technology. Not only do the digital filters provide a superb shape factor with very steep sides and minimal ringing, but they are infinitely adjustable over a wide range. Rather than having to choose between, say, a 2.4, 3.5 or 6.0 kHz filter as you may have to on a conventional receiver, you can smoothly vary the bandwidth in steps as small as 1 Hz. Combined with the steep sides, this means that you can slide your bandwidth precisely up to an offending carrier and still cut it out very effectively. It also makes it easy to provide notch filters, synchronous detection and IF Shift – all of them features that can be particularly useful on MW.

Second, it's very easy in an SDR to provide a realtime spectrum analyser (also known as a bandscope or panadaptor) to show a section of bandwidth either side of the tuned frequency. Analogue bandscopes have been around for ages, but they've always been expensive and are generally much less detailed and accurate. With an SDR, you get to see 20 kHz or more of spectrum and this provides a remarkable aid to DXing because you will see the presence of a carrier long before it becomes strong enough to deliver any audio. This is particularly useful if you are looking for stations on the frequency splits because there are obviously no local stations on most of them so you can see instantly if a particular channel is worth listening to or not. It also



provides a very quick indication of where any splatter is coming from and what you might be able to do about it.

The third big advantage of using an SDR is that you can make spectrum recordings. Unlike in a conventional radio, where you can record only the audio output, an SDR lets you record the IF, which effectively means that you're recording a chunk of the radio spectrum. When you play this back, it gets fed into the receiver's DSP system as if it were the IF from live reception and so you can re-receive it in whatever way you want. You can tune around, adjust the filters, even change the demodulation mode, just as if you were receiving the signal at that moment. Again, this can be particularly useful on MW where the settings that seemed best when you started recording in the evening may not be the best ones to use later on in the night.

Obviously there's a limit to the width of spectrum you can record. Currently, it ranges from 15 to 190 kHz in the consumer models (though one SDR doesn't offer this facility at all). Even 15 kHz is enough for two adjacent MW channels if you set the receiver to halfway between them. And 190 kHz is quite a substantial block of frequencies to capture simultaneously. These figures will definitely rise as the hardware evolves. In ten years time, I fully expect that we'll be able to record the whole of MW in one pass and do all our listening later.

The fourth big benefit of the SDR is that it can be upgraded simply by installing a software download. With any conventional receiver, you're stuck with whatever features and performance possibilities it had when you bought it. By contrast, an SDR can have new modes and features added to it and can have faults put right at any time. This marks an important difference between SDRs and receivers, such as the JRC NRD-545 or Ten-Tec RX-340, that have IF DSP with digital filtering and demodulation. These radios share some of the benefits of an SDR, but they don't offer the same potential for continuous improvement. In general, SDR manufacturers have been very good at providing free updates to their radios. They've also been responsive to user feedback. For example, when FlexRadio Systems, who make the SDR-1000, introduced step-tuning, they didn't include a 9kHz step. I logged a request for it on their website, got a reply within hours, and the updated receiver software was made publicly available the next day. With the best will in the world, that sort of responsiveness wouldn't be possible if it involved a hardware re-design.

## Disadvantages

What about disadvantages? The biggest, especially for first time users, is not having a physical front panel with a real tuning knob. Operating the receiver involves a mix of keyboard and mouse that may feel quite alien at first. Of course, if you've already got used to controlling a conventional receiver from your PC or even if you just use the keypad of an AR7030, then this won't too big a transition. One way of restoring some of the traditional feel is to buy a Griffin PowerMate. This is a solid metal knob that connects to the USB port of your PC and can be used for tuning most SDRs. It costs about £35.

A criticism that's sometimes levelled against DSP-based receivers is that they have a characteristic "digital sound" that's less pleasant than analogue. I think this effect does exist and some receivers display it more than others but let's not confuse listening with DXing. For pleasurable listening to a strong local station, a good analogue radio might indeed be better. When you're DXing, intelligibility is more important than fidelity and digital processing is particularly effective at pulling weak signals out of the background. A few years ago, when IF DSP started to appear in hardware receivers, there was a lot of discussion about the poor quality of digital IF filters, in particular their tendency to cause a burbling sound often described as "monkey chatter". That criticism had some justification, but technology has moved on very rapidly and I haven't noticed this effect on any SDRs.

The other potential disadvantage is that you may encounter interference from the PC. In fact, this turns out to be no more of a problem than if you put a PC near to a conventional receiver. SDR manufacturers have done a superb job of shielding their products so, for example, my Winradio G313, which is physically inside the PC casing, suffers less from PC interference than some of my conventional receivers. Attention to earth loops is essential, also make sure you fit ferrites to all cables and keep antenna lead-ins away from all computer cables. However, all of this applies equally if you put a PC next to a conventional receiver, so there's no need to worry that getting an SDR will make it worse.

Despite the need for some initial adjustment in operating technique, I was a complete convert as soon as I used my first SDR. The experience of DXing with a realtime bandscope in front of you is such a revelation that it rapidly becomes very difficult to go back. Although I still have, and use, some very good traditional receivers, I find them quite awkward without that second channel of communication between receiver and brain. It's really as if one starts to tune a receiver more by eye than by ear. The other feature that makes SDRs irresistible for me is the ability to make spectrum recordings. Being able to record more than one channel simultaneously, and then to re-receive them over and over again with different settings, is immensely valuable. Ultimately, though, the crucial factor is that I hear more DX on my SDRs. They're not perfect, and some have annoying quirks that I'd be glad to be rid of, but they simply pull in more DX. And that's a compelling enough reason to use them.

Next month, I'll look at all the different models of SDR that cover MW and that are available in the UK, and I'll try to pick out some of their strengths and weakness for the MW DXer.

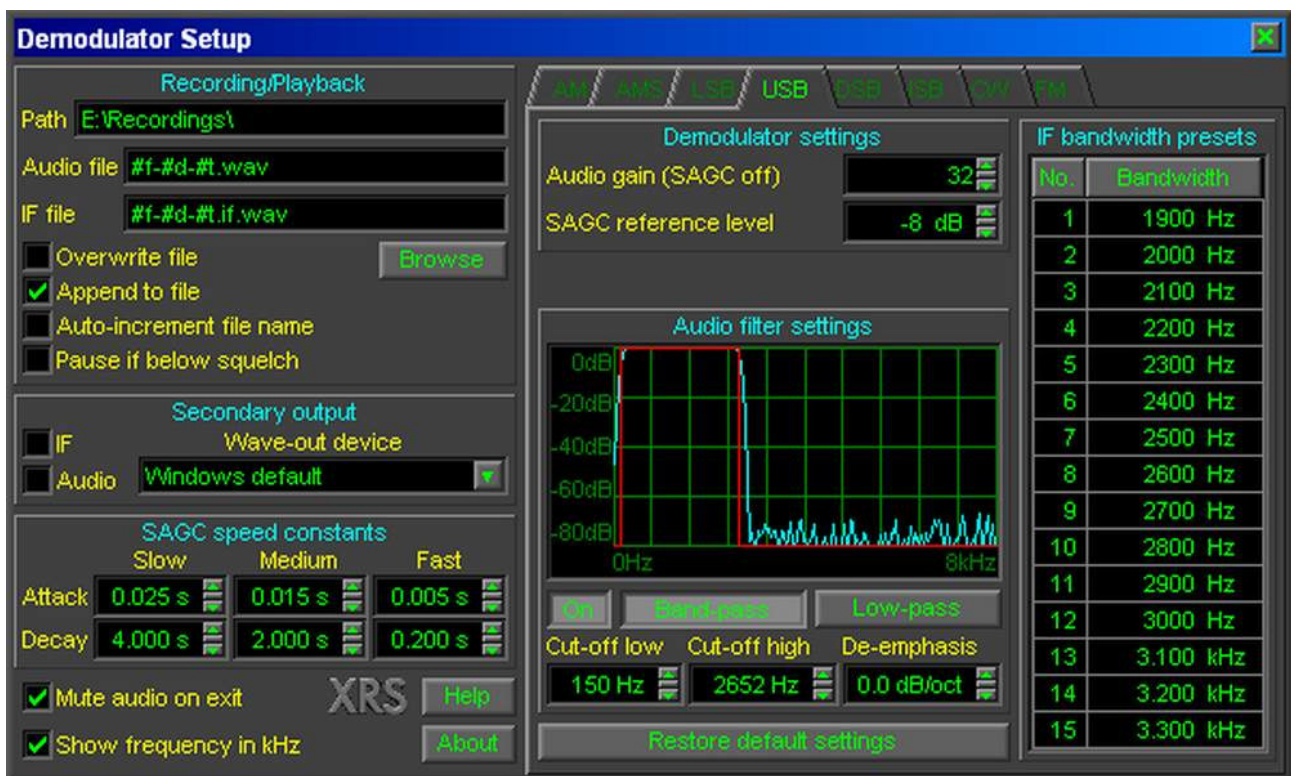


Fig. 5 This Setup window belongs to the WinRADiO G313. Among other things, it can be used control the way that IF or audio recordings will be named and saved.

# LANGENBERG ON MW

with TransRadio

Transradio required only 9 month for the successful final commissioning of the MW transmitters for the WDR (Westdeutsche Rundfunk) in Langenberg (Germany). The final acceptance test took place punctually on the 09.06.2006 for the start of the football World Cup. A special challenge for the project was keeping the station on air during the modernisation of the transmitters. Hence, the commissioning of the two TRAM 50 (50kW) transmitters and the TRAM 100 (100 kW) transmitter \*was carried out in several stages. Furthermore, the transmitters are designed for two frequencies (720kHz + 1593kHz).

At present, the TRAM 100 transmitter broadcasts on 720kHz in AM (antenna Rommel) and is

combined with a TRAM 50 transmitter in a passive reserve system. The second TRAM 50 transmitter broadcasts DRM-Tests on 1593 kHz (antenna Hordt). For future projects both TRAM 50 transmitters may be combined to 100 kW via a paralleling unit.

← TRAM 100 transmitter (100kW) and two TRAM 50 transmitters (50kW) at

WDR- station Langenberg (Germany)



Antenna "Hordt" (301m)

Antenna "Rommel" (170 m) →



# UTILITY COLUMN

The home of non-broadcast news  
with David Towers

20 Valiant Close Glenfield, Leicester LE38JH  
e-mail:utility@mwcircle.org

---

## Beacon News

The "Madrid beacon (EA4BVZ)" 137.250kHz, is currently off air. You can view more details about it in this web page:<http://usuarios.lycos.es/ea3ghs/vlf/ea4bvz/>

His power is about 20mW. It will be on air soon. I have seen RF damage in my time, but the insulators are really badly burned. Shows how dangerous RF can be if not controlled. Please, keep an eye on RSGB longwave list. Any reception reports welcomed here on MWN.

## NAVTEX

Extracts from a very interesting document which is far too large to reproduce in full.

[http://www.fma.fi/e/functions/safety/bbrc/BALTICO\\_meeting\\_report\\_2006.pdf](http://www.fma.fi/e/functions/safety/bbrc/BALTICO_meeting_report_2006.pdf)

### **BALTICO MEETING 2006 21-09:**

**Oerlandet interfered by Alexandria.** Make the Egyptians aware of the problem and ask them to reduce power. *CLOSED – Egyptians have reduced power – no problems are experienced now.*

**Navtex co-ordination panel** Poor coverage of Navtex in the eastern part of Gulf of Finland. Ask Russia for clarification.. Increase power output from Tallinn Radio. *Tallinn Radio has increased power after last meeting and the following field measurements showed good coverage except in the St. Petersburg port area.*

“Lack of time problem” Decide a date for moving Grimeton from [D} to [I] and inform Navtex Co-ord. Panel. Include info. in NotaM in good time. *CLOSED – [D] is available to the Faeroe Islands transmitter.*

BALTICO/Stockholm Radio will find out whether they can provide 490 kHz service and inform adjacent nations. *CLOSED – Baltico can provide if national co-ordinators should be interested.*

Each nation will find out whether they intend to utilize the national Navtex frequency. *CLOSED – Only Denmark was partly interested in transmitting on 490 kHz. Each nation can decide what to broadcast on frequency. NAVAREA I Co-ordinator can provide timeslot.* Nations who intend to carry out the 490 kHz broadcasts with own equipment makes reservation of time at the Navtex Co-ord. Panel.

As Iceland does not transmit on frequency 490 kHz Mr. Thordarsson, Icelandic Maritime Administration gave a presentation to the new setup for NAVTEX transmissions around Iceland. To obtain better coverage a new transmitter will be established on the North-coast of Iceland in the beginning of 2007. At the same time the transmitter in Reykjavik will be moved to South West. When Faroe Islands starts transmissions in the end of 2006 the waters around Iceland will be well covered by NAVTEX.

## Amateur news: 600metre band opens for business

Following the launch of this new “medium wave” amateur band several US stations have got on air and many listeners have been either hearing or monitoring their signals.

WD2XSH stations reported on-the-air:

| <u>Call</u> | <u>Operator</u> | <u>State</u> |
|-------------|-----------------|--------------|
|-------------|-----------------|--------------|



|           |       |    |
|-----------|-------|----|
| WD2XSH/1  | W1NZR | RI |
| WD2XSH/5  | KW1I  | NH |
| WD2XSH/10 | W4DEX | NC |
| WD2XSH/11 | WS4S  | TN |
| WD2XSH/14 | W1FR  | VT |
| WD2XSH/17 | AA1A  | MA |
| WD2XSH/19 | K9EUI | IL |
| WD2XSH/20 | N6LF  | OR |

See [http://www.500kc.com/downloads/technical\\_data\\_about\\_station\\_locations.pdf](http://www.500kc.com/downloads/technical_data_about_station_locations.pdf) for station operators and locations. A map is available at <http://www.500kc.com/>.

Approximate reported reception distances over 1000mi:

|                           |   |
|---------------------------|---|
| WD2XSH/10 > Hartmut Wolff | 4,369mi [North Carolina > Germany - Call sign via QRSS3]      |
| WD2XSH/10 > EA1PX         | 3,766mi [North Carolina > Spain - confirmed timed carrier]    |
| WD2XSH/20 > WY3B/KH6      | 2,495mi [Oregon > Hawaii]                                     |
| WD2XSH/10 > VE7TIL        | 2,359mi [North Carolina > British Columbia - timed carrier]   |
| WD2XSH/20 > VE3MGY        | 2,166mi [Oregon > Ontario]                                    |
| WD2XSH/11 > VE7SL         | 2,088mi [Tennessee > British Columbia - 3-letter ID via QRSS] |
| WD2XSH/20 > W9XT          | 1,742mi [Oregon > Wisconsin]                                  |
| WD2XSH/20 > W9RB          | 1,692mi [Oregon > Illinois]                                   |
| WD2XSH/20 > KA5WRL        | 1,627mi [Oregon > Arkansas]                                   |
| WD2XSH/20 > AA5AM         | 1,602mi [Oregon > Texas]                                      |
| WD2XSH/20 > W0RPK         | 1,511mi [Oregon > Iowa]                                       |
| WD2XSH/20 > WE0H          | 1,472mi [Oregon > Minnesota]                                  |
| WD2XSH/20 > K0NG          | 1,369mi [Oregon > Nebraska]                                   |
| WD2XSH/20 > KG0LD         | 1,369mi [Oregon > Nebraska]                                   |
| WD2XSH/20 > W0EEA         | 1,024mi [Oregon > Colorado]                                   |
| WD2XSH/20 > W0RW          | 1,006mi [Oregon > Colorado]                                   |

All WD2XSH/20 reports in this list have been complete CW ID receptions by ear. Compiled by Ralph Wallio, W0RPK

## Equipment news

### W&G SPM30 Selective Level Meter

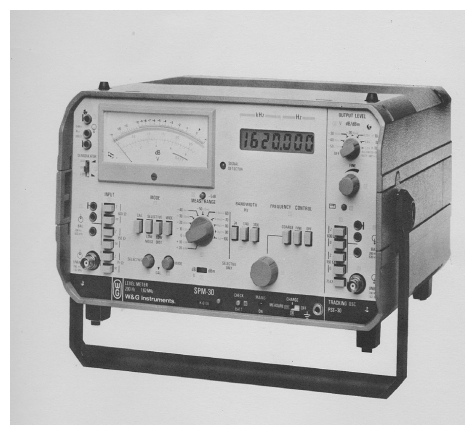
Continuing the use of test equipment as NDB receivers, it was found that the SPM30 output was unsuitable for NDB monitoring.

One of MWC members Tracey Gardner, studied the circuit and suggested replacing a crystal to enable a 500Hz output.

Such a simple modification allowed the equipment to be used with a tone more easy on the ear. Crystals were bulk ordered and fitted, and allowed the SPM30 to be used as an NDB monitor. Some preferred a 400Hz tone, and was accomplished with a different crystal.

The crystal XL8301 6.744MHz was replaced with a 8.064MHz crystal for a 500Hz beat note.

This equipment is so useful with it having an internal rechargeable battery pack supplying 12volts. Thus allowing portable operation in areas away from local electronic smog, enabling many more beacons to be heard. So don't be afraid to modify "other gear" to suit your listening needs. There





are many members willing to share their knowledge and offer assistance. Web searches for data is also available for many items.

I will feature other FSLM receivers as time allows me to get the information together. Any contributions on your favourite receivers and aerial ideas for LF, MF are welcome.

## Logs

I would appreciate your logs to include in the list. These will assist others in identifying those they receive during their monitoring and also give insight into what is there to be caught. Possibly in a mobile situation or a weekend away.

| kHz   | Call | Station, location; details heard etc   | SIO  | UTC Date   | Who |
|-------|------|--|------|------------|-----|
| 274.0 | SAL  | Cape Verde Islands nice signal only on my SW antenna; SAL followed by long tone  | good | 2259 9/10  | SW  |
| 499.5 | D    | very slow morse repeating every 5.1 seconds best from NW direction but with very long fading cycle (mystery station.)  | good | 2255 9/10  | SW  |
| 504.0 |      | UNID signal with German audio on it; I found this was // DLF 207kHz. The signal fluctuated in strength and once reached S7. It noticeable was better reception on USB rather than LSB. And I double checked reception using both my Europa and AOR to confirm it was not a receiver problem. | weak | 2122 9/10  | SW  |
| 508.0 | Z    | Slovakia repeating every 9 seconds   | fair | 2230 8/10  | SW  |
| 512.0 | NA   | Kostanay, Kazakhstan; odd keying pattern NA repeated twice with small gap then 10 second gap   | weak | 1806 11/10 | SW  |
| 517.0 | ARD  | Arad Romania   | fair | 2109 9/10  | SW  |
| 579.0 | FR   | Poland   | weak | 1634 20/10 | SW  |
| 1630  | UNID | USB Simplex comms between fishing boats in Galician language; odd choice of frequency  | good | 2020 29/9  | SW  |

I was mainly investigating the 500kHz region because of the new US 600metre amateur band -SW SW Steve Whitt, High Catton near York. AOR7030+ and HF225 Europa with dual loop K9AY.

### Light Reading and Information.

I have recently obtained from SELDEC Publications a series of books and a CD showing the locations of beacons and waypoints. For those who monitor the airlines they assist in identifying those weird and wonderful names given to reporting points. Full colour publications which contain maps and map references for major VOR's and NDBs certainly remove the mysteries of these names and allow one to follow a flight more easily. [WWW.seldec.com](http://WWW.seldec.com)

During my periods of incapacity I read a fair number of books and a favourite was **Prospero's Wireless**. A biography of PP Eckersley by his brother Miles and a foreward by Asa Briggs.

Following reading about the early days of the BBC and early years broadcasting in the UK I found references to a Mr R Keen, B.Eng. His work "Wireless Direction Finding" intrigued me enough to search the world for a copy.

I obtained a 3<sup>rd</sup> edition 1940 from Canada and was money well spent. It is a complete study with practical examples of how they built and used MF loops on land, in ships and aircraft. Definitely a good 800 pages of riveting reading. Possibly available for loan from specialist technical libraries of University or Colleges.

Dave G8SZX

# NORTH AMERICAN NEWS

✉ 20 Ryehill Park, Kirklington, Carlisle CA6 6BH

with Barry Davies

e-mail: na-news@mwcircle.org

Welcome to another round up of what's been happening on the North America AM dial. My grateful thanks to the organisations which provide the news. Thanks this month to: - KOJE, North American Radio Logbook, IRCA, Ohio Media Watch, DX-midAMerica, NRC, NERW and Upper Midwest Broadcasting,



- 630 CHLT** Sherbrooke QC. This FF station has asked to move to 109.9 FM.
- 760 WCHP** Champlain NY. The station drops FF religion for English religion.
- 780 CFDR** Halifax NS. This dominant country station wants to move to 88.9 FM. If the move is approved WBBM Chicago IL should become a regular and possibly KNOM South of the Scottish border!
- 850 WKNR** Cleveland OH. This sports station switches from ESPN to Fox Sports Radio.
- 950 KMTX** Helena MT. "Unforgettable 95" switches format from nostalgia to oldies.
- 1200 CJRJ** Vancouver BC. This new 25kW ethnic station is now on air. (Pete Taylor)
- 1270 WKBF** Rock Island IL. Plans to leave Air America shortly and flip to Christian Talk.
- 1380 CKLC** Kingston ON. This nostalgia station has asked for a move to 98.9 FM. If the station leaves 1380 it would open up the channel for interesting stations such as KOTA Rapid City SD and WTMC Wilmington DE!
- 1420 CKPT** Peterborough ON. This nostalgia station has applied for a move to 99.3 FM.
- 1440 CKJR** Wetaskinin AB. Drops C&W for an oldies format.
- 1590 KKAY** White Castle LA. The oldies are dropped in favour of a talk format.
- 1600 KZGX** Watertown MN. Format flips from SS to more prominent Hmong CC dialect.
- 1640 WTNI** Biloxi MS. The Coast to Coast AM over night talk show has been replaced, weekdays, by ESPN sports radio. ESPN sports radio is also on sister station 1490 WXBD! (ed) C2C can still be heard on WTNI at weekends.
- 1640 KDIA** Vallejo CA. "The light for San Francisco" is now running **10kW full time**.
- 1650 C\*\*\*** Mississauga ON. Application in for a new multi-ethnic station with 1kW full time.
- 1690 CHTO** Toronto ON. Calls now allocated to Greek station reported in May MWN. (SW)

**Air America Radio** has filed for Chapter 11 bankruptcy. The network will stay on the air while it resolves money problems. (Art Folsom) The network said it plans to stay on the air while it reorganizes. In a filing with the U.S. bankruptcy court in Manhattan, Air America said it lost about \$40.9 million since the spring of 2004, including \$13.1 million so far in 2006.

More possible Canadian closures this month. QSL them while you can hi! But what will we hear after their demise I wonder?

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

# CENTRAL AMERICAN NEWS

✉ Frejagatan 14A, SE-521 43 Falköping, Sweden  
e-mail: ca-news@mwcircle.org ☎ +46-515-13702

with Tore Larsson

## Cuba

530 Radio Cadena Habana

Last night I found a loud signal on 530 kHz, not with the usual Radio Visión Cristiana religious programming, but techno-dance music in both English and Spanish. Then at 0400 UTC an ID for Radio Cadena Habana with their usual slogan "La Frecuencia Popular." Huge signal – if RVC was there anywhere I couldn't hear it. Cadena Habana sounded all alone on the channel.  
Randy Stewart, NRC

## México

The Mexican government is planning a whole mess of X-banders along the US/Mexican border in the future covering about all channels and all running 10 KW ND day & night. I am trying to remember where I read that but it has been a couple of years at least. If it does come to pass, I am sure the FCC will not like it one bit.  
Patrick Martin, IRCA via DXLD

Several years ago, someone published a list of the following allocations, all of which could be classified as "along the border" more or less (though 1650 Chiapas would be for the other border...). The fact that two of these allocations turned into real stations would seem to give the list some credibility:

|  |                                     |
|--|-------------------------------------|
| <u>1610</u> Ojinaga, Chih              | <u>1660</u> Agua Prieta, Son        |
| <u>1610</u> Nogales, Son               | <u>1670</u> Janos, Chih             |
| <u>1620</u> Cd. Juárez, Chih           | <u>1670</u> Reynosa, Tama           |
| <u>1620</u> Anahuac, NL                | <u>1680</u> Piedras Negras, Coah    |
| <u>1620</u> San Luis Rio Colorado, Son | <u>1680</u> Caborca, Son            |
| <u>1630</u> Tijuana, BCN (XEUT)        | <u>1690</u> Mexicali, BCN           |
| <u>1630</u> Cd. Acuña, Coah            | <u>1690</u> Nuevo Laredo, Tama      |
| <u>1630</u> Matamoros, Tama            | <u>1700</u> Tecate, BCN (XEPE)      |
| <u>1650</u> Tuxtla Gutiérrez, Chia     | <u>1700</u> Praxedis Guerrero, Chih |
| <u>1650</u> Puerto Peñasco, Son        | <u>1700</u> Ocampo, Coah            |

I'd like to credit the source, but I don't recall where this data came from or how it was obtained.

Tim Hall, IRCA via DXLD

1590 XEVOZ R. Tráfico 1590 AM, México, DF ex R. Reloj

Paul Crankshaw, MWC

1630 XEUT Tijuana and

1700 XEPE Tecate:

According to a recent verie from XEPE, this is the current status on 1700 and 1630: "XEPE operated with 10 kW non-DA at the time of your reception. Normally there is a two tower directional array at night. The transmitter site is near the US/Mexico border, near the Tijuana airport. There is also a Mexico University Educational 10/1 kW station a mile or so away on 1630 kHz. They power down to 1 kW non-DA at night."

Bjarne Mjelde, Coastal Roundtable via NRC IDXD 74/2

# SOUTH AMERICAN NEWS

with Tore B. Vik ✉ Kirkåsveien 15, NO-1850 Mysen, Norway  
e-mail: [sa-news@mwcircle.org](mailto:sa-news@mwcircle.org) ☎ +47-69891192

---

## Argentina

- 1260 R. Oliva – new station - ☎ Calle Fonroque 76, Ciudad Autónoma de Buenos Aires.  
Operated by Iglesia Pentecostal Unida de Argentina Marcelo A. Cornachioni in ConDig
- 1430 R. Pasión – new station - ☎ Calle 803 No 1430, Barrio Dos Avenidas, (B1879MXJ)  
Quilmes Oeste, BA Marcelo A. Cornachioni in ConDig
- 1490 R. Melody, Remedios de Escalada (ex 680) Marcelo A. Cornachioni in ConDig
- 1640 R. Hosanna AM 1640 – new station from Isidro Casanova. QTH: Calle Coronel Isleño  
1918, Gregorio de Laferrere, Partido de la Matanza, Buenos Aires.  
Marcelo A. Cornachioni in ConDig

## Brazil

- 810 ZYJ261 R. Educadora, Cornélio Procópio (PR49) – ex 1080 Cláudio Moraes
- 890 ZYK346R. Cassino, Rio Grande (RS132) – ex 1450 Cláudio Moraes

## Bolivia

- 1390 CP... Radio Mancomunidad Andina, Cochabamba – new station first heard by Torolf Johnsson and identified by Henrik Klemetz and friends in Ecuador, Peru and Bolivia. Web: [www.cepra-bo.org](http://www.cepra-bo.org). – e-mail: [cepra@supernet.com.bo](mailto:cepra@supernet.com.bo) - ☎ Casilla 1986, Cochabamba – street address: Calle Tumusla esquina Ecuador No 310, Plaza Cobija, aerea Oeste, Cochabamba. For the complete story see report from Henrik Klemetz in [Dxing.info](http://Dxing.info), Community Forum, South America. Torolf Johnsson, Henrik Klemetz and HCDX

## Paraguay

A new station "1300 AM" has begun operations, in Asunción.

The signal is not terribly strong, and the station seems to operate during daylight hours, only.

For the moment, they play non-stop Paraguayan music, with Guaraní- and Spanish- language announcements. Typical of the announcements, in translation are:

"1300 AM Welcomes the Spring Season!" - "More Music on 1300 AM".

There are no other, formal identifications, nor telephone numbers, nor addresses given. Adán Mur

*Emisora Paraguay reactivated? Ed*

- 1330 ZP4 R. Chaco Boreal, Asunción. Studio address: en Alejo García 2589, casi de Río de la Plata, Asunción. Web: [www.chacoboreal.com.py](http://www.chacoboreal.com.py) - e-mail: [info@chacoboreal.com.py](mailto:info@chacoboreal.com.py)  
Tel 421-900 and 425-726. Tetsuya Hirahara, visiting Asunción, Paraguay 24.8–7.9 2006

## Uruguay

CAMBIOS DE HORA EN URUGUAY - Las horas de luz se alargan (sic) por decreto. A las 2 de la mañana del primer domingo de octubre de cada año, la hora legal se adelantará sesenta minutos, volviendo a la normalidad el segundo domingo del mes de marzo. Horacio A. Nigro via DXLD

# WORLD NEWS

[Europe, Asia, Africa]  
with Renato Bruni

Strada Borghetto 43, 43100 Parma, Italy  
e-mail:world-news@mwcircle.org

---

## Afghanistan

There is probability that VOA's Deewa Radio will be transmitted also on the medium waves at the frequency of 621 kHz through a transmitter located on the territory of Afghanistan not far from the boundary with Pakistan. *Chris Greenway-UK via DXLD via <http://finndxer.wordpress.com>*

## Albania

Rumours say on usage of Fllake superpower mw txs in Albania in future. Maybe moslem progs of TRT Ankara will relief VOA/DWL/TWR, and conquer Bosnia, Hercogovina, Kosovo, and Europe, survive on 1215 /1395[co-ch BigL! pop]/1458 kHz MW beasts soon. (*W. Büschel, BC-DX #778*)

## Angola

As reported last month, Broadcast Electronics (BE) announced that it has shipped to Rádio Nacional de Angola a new 4MX 100 kW medium-wave transmitter. BE has separately advised me that this transmitter will be operating on 702kHz. *Steve Whitt.*

## Belarus

LW / MW site at Sosnovy Lapichy LW 279 / MW 1170 kHz, latter Zaryia antenna in 244 degr direction, has a 2.25 kilometers length directional antenna towards Europe.

Visible via Google Earth imagery, location is centered at 53 24 30 N 28 32 E; 85 km south-east of Minsk, 15 km north-west of Osipovich; 27 kms south-east of Marina Gorka. *Via Mauno Ritola and Olle Alm.*

## Benin

1566 TWR's new MW outlet (which has been mis-reported in some quarters) not detected this past Fri. or Sat. evening on the SW coast, just the two tiny UK stns of 500 & 800 watt, AIR and stn HLAZ in So. Korea. *Carlos Goncalves-POR, wwdxc BC-DX Oct 16*

## Germany

**ERF/TWR Mainflingen** 1539 kHz antenna. Bernd Waniewski has added an illustrated description of the new 1539 kHz cross dipole at Mainflingen (NVIS antenna for nighttime operation with 700kW; during daytime it's still 120 kW into a single mast) to his website:

<http://www.waniewski.de/id330.htm>

(*Kai Ludwig-D, dxld Oct 23*)

**DLF Neumuenster** 1269 kHz has been off air since 0027 hours on 26.10.2006 due to major damage to transmitter and power distribution system. <http://www.dradio.de/dlf/sendungen/dlf-mw-lw/557046/> via Günter Lorenz. (Returned 1640hrs on 28/10 after repairs.)

## India

Here are some observations of interest observed this time. (Note: Timing of Indian stations are mostly in IST unless mentioned in UTC. All others in UTC) It was observed that the low power 1 kW AIR MW stations in the area started their broadcasts only in the evenings. Several of them were heard starting their programs with Vanthe Matharam sign on routine as follows:

5.00 pm 1602 kHz AIR Pauri

5.15 pm 1602 kHz AIR Pithorgarh (Relay of Almora)

5.30 pm 1584 khz AIR Kalpa?



5.39 pm 1602 kHz AIR Uttarkashi  
5.40 pm 1485 kHz AIR Gopeshwar?

At 4.55 pm 1602 kHz an unidentified AIR station was heard with Vanthe Matharam sign on. Being very close to Jammu & Kashmir State, the stations from there were monitored clearly.

684 kHz Radio Kashmir, Srinagar Yuv Vani program noted in evenings/night. No id of the new station AIR Kargil observed.

1089 kHz AIR Naushera noted with relay of Radio Kashmir Jammu only in the mornings. They used to start abruptly in the middle of the programs at various times and rarely started the relay on time at 5.55 am.

1350 kHz AIR Kupwara, Kashmir noted sign off at 10 pm, co-channel interference from AIR Jalandhar B (Vividh Bharathi)

Radio Kashmir Srinagar was heard on 1116 4950 & 6110. In the late evenings severe co-channel interference was noted from a Chinese station. They were also noted with the special programs for Ramadan from 4.15 to 5.15 am on 1116 & 4950. Radio Kashmir Leh was noted very well on 1053, 4760 & 6000 (full sked with changes observed given else where) Radio Kashmir, Jammu was noted back on SW (4830 5965) on 29 Sept 2006 after being off air for some time. Their MW freq of 990 kHz was also very clear in darkness hours. *Jose Jacob-IND VU2JOS <www.niar.org> in Himalayas via wwdxc BC-DX Oct 6*

## Japan

Apparently NHK2 has a different schedule these days. After signing off a bit after 1505 for years. I find the sked varies from day to day. Yesterday 10/23, JOUB 774 / JOIK 747 / JOBB 828 all signed off at 1507 like they used to. But this morning 10/24, I found them all on after even 1530. The 2006 WRTH shows them on until 1640 now. Has anyone else noted different hours on different days? NHK 1 still seems 24/7 as far as I can tell, as they have been. *Patrick Martin*

NHK 2 has been running different time sign offs on different days for a few years - Sunday and Monday is 2030 to 1500ut and Tuesday to Saturday 2030 to 1640ut. From memory NHK1 network gives its local ID after the anthem at sign off and NHK2 network gives its local ID before the anthem at signoff. *Tony Magon VK2IC*

NHK2 gives a local ID also after the weather forecast at 1319:50 UTC. This is often the best time for identifications in North Scandinavia. *Hakan Sundman, Helsinki*

## Lithuania

Starting from November 1, 2007, Radio Racja relay via Lithuania at 1700-1900 UTC will be shifted from 666 kHz to 1386 kHz. (*Rimantas Pleikys-LTU via Mauno Ritola-FIN, via ARC MV-Eko via WWDXC Top News*)

## New Zealand

Expansion of the Radio New Zealand AM Network is expected to result in the following changes:

576 Hamilton NZ's Rhema to move here ex 855

657 Tauranga New, expected on air shortly. Will carry AM Network and Southern Star Network // Wellington 657.

855 Hamilton ex NZ's Rhema, new arrangements TBA

1026 Invercargill NZ's Rhema to move here ex 1404

1314 Invercargill New, expected on air shortly. Will carry AM Network and Southern Star Network ex 1026

1368 Tauranga 1XT Village Radio expands hours to M-F 2100-0300 UTC, Sat-Sun 2000-0400 UTC. Power remains 1kW. No DX tests outside these hours permitted because two currently silent stations are allocated 1368 as well. Go figure!

1404 Invercargill ex NZ's Rhema, new arrangements TBA

1494 Hamilton New, expected on air shortly. Will carry AM Network and Southern Star Network ex 576

This should leave 855 Hamilton and 1404 Invercargill silent, but these frequencies may be leased to other stations.

The Pacific Asia Log and NZ @ A Glance Radio Guides will be updated as soon as possible with these changes once operating powers and dates of operation are known. Check [www.radioheritage.net](http://www.radioheritage.net) for updates. Radio Heritage Foundation [www.radioheritage.net](http://www.radioheritage.net)

## Pakistan

The 10 kW mediumwave transmitter of Radio Pakistan at Larnaka on 1305 kHz, listed as Future Plans in the World Radio TV Handbook, started regular broadcasts last Wednesday. Programmes are in parallel with an FM transmitter on 101 MHz which has been on the air for the last 11 years. Broadcasting time is 18 hours a day. *Media Network weblog 3/10/2006*

The following stations of Radio Pakistan (may be new ones) were heard which is unlisted in their official website or in WRTH 2006: 1134, 1170, 1332. 936 Azad Kashmir Radio was noted from 0040 UTC with separate AKR Mirpur ID. 1080 Lahore was heard only one day in the morning.

English nx was observed at 0300 1100 and 1600 UTC on all their MW stations. (Eg at 1600 UTC English nx was observed on 540 585 630 756 828 927 936 1035 1134 1152 1170 1332 1341 1557 etc.). The other channels monitored were 567 729 1008 1080 1404 1476 1512.

The Nx & Current Affairs channel was heard well on 1152 1170 1332 At 0311 UTC in English they announce that this sce is being heard in Ladak (India), Afghanistan and Tajikistan.

792 AKR Muzzafarrabad was not heard. This freq was dominated by Radio Nepal. The other MW stations not heard : 612 639 855 1098 1260. The Home Service SW schedules were irregular with normally very rough audio, hum etc. (*Jose Jacob-IND in Himalayas, via DXIndia via WWDXC Top News*)

## Portugal

Média Capital Rádio MW freqs. of 783 Canidelo 10 kW & 1035 Belmonte 100 kW. The announced new format of talk/news stn for September didn't materialize after all; the stn identified as "R.Nacional" returned from the dead after the 10th July last as already reported by me, and the music they air is Portuguese only (no problem about that), the 1035 kHz tx problems continue, the new 100 kW Avanca tx for 783 is taking its time, so instead of taking the air in Summer, 2006, maybe in 2007..., I don't know.

While that, the Canidelo tx is a lament... vy. weak modulation. Last but not least, the MCR group decided to pump one of its local stns, viz. Foxx FM, into the MW txs for a few days' time last week, but by this past Sat. however, R.Nacional was back, alive & kicking! *Carlos Goncalves, Portugal (16/10-2006) via mediumwave.info*

## Russia

There's new Russian station broadcasting from Olgino, St. Petersburg on 1323 kHz. It's called Novoye Radio, and it's replacing Radio Grad Petrov that used to broadcast several years on this freq. Logged in Finland at 0800-1000 UTC. (*Mauno Ritola via HCDX*). Transmitter power is 10 kW, antenna non-directional. The address: pr. Chkalovskiy 60-40, 197022 St. Petersburg, Russia. (*A. A. Serebrushkin via MIDXB*)

## Spain

Many SER network stations are placing ads or ID's at minute .59 to .00 during night time at least from past September. *M.Molano via HCDX*

## Syria

783 kHz, R. Damascus, Tartus, flattening all the audible stations on this frequency, 1825-1847, 26 Oct, Russian program, pops, ID prior to 1830 newscast followed by feature "Totchka Vremya", piano tunes and an international politics magazine; 54444 (*Carlos Gonçaves*). Yes, their Russian external service to Europe is only on MW 783 and 1125; 300 and 200 kW respectively per WRTH 2006, 1830-1900 (*Glenn Hause via DXLD*)

## Thailand

Following the military coup in Thailand, the Voice of America has increased its Thai broadcast from 15 to 60 minutes daily. The broadcast is now available on shortwave at 2300-2400 UTC on 7215 and 9685 kHz. There is also special coverage of the situation in Thailand in VOA English broadcast at 1130-1200 UTC on 1575 kHz, and the Special English broadcast at 1530-1600 UTC on 1575, 6160, 9590, 9760, 12040 and 15550 kHz, replacing regular programming. This situation will continue until further notice. *Media Network weblog*

## Ukraine

RCI via UR-3 on 837 kHz! On Oct 7th I heard the Ukrainian Programme of Radio Canada International via UR-3 on medium wave 837 kHz at 1602 UT with IDs and a report about Saskatchewan (at 1620). According to the RCI schedule, this is only a Sat/Sun broadcast. *Patrick Robic, Austria, DXLD 6-150 (8/10-2006) via mediumwave.info*

## United Arab Emirates

On 648 kHz Radio Asia was heard at night in Malayalam, my mother tongue. News Hour was heard at 1930 UT with detailed information about the happenings in my native state Kerala. It's one of the many stations for the Indian migrants in the Gulf.

They used to operate on 1557 kHz till very recently. *Jose Jacob, Mussoorie DX-pedition, North India, dx\_india via DXLD 6-150 (8/10-2006)*

## Europe/DRM

RTL plans to broadcast in DRM from different European countries. The company has already registered the following frequencies:

279 kHz for the south of Germany with 100 kW transmitter

738 kHz for France with 250 kW transmitter

567 kHz and 1098 for the Netherlands with 250 kW transmitter (*RadioVisie via*

<http://finndxer.wordpress.com>)

# THE HOME FRONT

[British & Irish News]  
with John Williams

✉ 100 Gravel Lane, Hemel Hempstead, Herts HP1 1SB, UK  
e-mail: [homefront@mwcircle.org](mailto:homefront@mwcircle.org) ☎ 01442 408567

---

## Commercial Radio News

### **Virgin reveals huge cash giveaway**

**25 September, 2006**

Virgin Radio: one listener an hour will get to guess the amount of money inside the star. The last time Virgin Radio gave away a huge pile of cash, Chris Evans was still at the station, Tony Blair had brown hair and the world was wondering what havoc the Millennium Bug might wreak.

But this morning a 20ft plastic star stuffed with cash hangs above Regent Street in London as the station attempts to lure new listeners with Big Star, one of its biggest promotions since Evans handed out £1m in 1999.

One listener an hour, around the clock, will get to guess the amount of money inside the star - which is actually pretend money, as it was deemed too much of a security risk to suspend hard cash above one of London's main shopping streets. The competition will run until a listener guesses the exact amount, when Virgin's funny money will be converted into the cash equivalent and deposited in their bank account. If no one has guessed by the end of the first week DJs will start giving out clues on air.

In order to get the chance to guess on air, listeners have to register on Virgin's website, which the company hopes will drive new and existing listeners to its relaunched online service. People can view the star on the Virgin site via a webcam and a computer will choose guessers at random.

The Virgin programme director, Paul Jackson, said: "The promotion is fundamentally a call to action to say, 'we're here, come and try us'. "We're trying to get the excitement back in, to give people an added reason to listen, and hopefully a certain amount of them will stay with us." However, Mr Jackson refused to be drawn on the size of the star prize, saying only "it's a lot of money".

### **Radio boss calls for further deregulation**

**26 September, 2006**

Commercial radio regulation needs to be further liberalised in order for the sector to "thrive and make money", according to the new head of the industry's trade body RadioCentre.

Andrew Harrison, a former marketer with Nestlé and Procter and Gamble, described commercial radio as "over-regulated" and said he would lobby media regulator Ofcom on station formats and programming and sponsorship rules. The move comes as the BBC continues to increase its lead over commercial radio and the internet has overtaken radio in terms of share of advertising spend.



"There is no doubt that if you look at the number of regulators working in radio and the sector's size that - compared with TV - radio has a high regulatory burden," Mr Harrison said in an interview today with the Financial Times. "What we need is for Ofcom to set a liberal environment so licence holders can thrive and make money. That is in the listeners' interests. "The broad thrust we want is for less regulation, less format restriction and more opportunity to secure long-term revenues."

Radio operator UKRD last week handed back to Ofcom its licence for a station in Stroud after the regulator rejected its request to simulcast its output with its sister station in Cheltenham.

Ofcom plans to launch a review of the radio sector next year.

### **Emap merges radio stations**

**28 September, 2006**

Emap is merging the management of its Magic AM and Big City FM radio stations and adding a new tier of regional executives. The 8 Magic stations will join Emap's Big City network to create a

group of 32 local AM and FM services across the north of England, Scotland and Northern Ireland. But the on-air branding of the Magic and Big City stations will not change.

Travis Baxter, who will oversee all 32 stations, will remain managing director of the enlarged Big City network, with seven regional managing directors to be appointed below him, overseeing clusters of stations.



The seven new Big City network regions are: Northern Ireland, West Scotland, East Scotland, Grampian, North-East England, Yorkshire and North-West England. ([www.media guardian.co.uk](http://www.media.guardian.co.uk))

### **GCap counts cost of Capital revamp**

**28 September, 2006**

GCap Media said its revenues for the first half of the year would fall by 9%, as it suffered from changes in its advertising policy at flagship London station Capital Radio. Since January the radio group has reduced the number of the ads on Capital to protect the premium paid by advertisers, running no more than two commercials back to back.

The strategy, pioneered in Australia by dance music station Nova, is designed to please advertisers and build listeners in the long term but so far has damaged revenues. Excluding Capital and the effect of launching XFM Manchester in March, revenues for the six months ending on September 30 are set to fall by 4%, GCap said.

The company also said the market remained weak and visibility poor, though forecast advertising revenue, excluding Capital, would be in line with the radio sector as a whole for September and October. "As anticipated, July trading proved to be particularly difficult, however more recent months have shown an improvement on that performance," the firm said today in a trading update to the City. The group said its priority was to enhance the performance of Capital, once London's top commercial station but now lagging behind Emap's Magic and Chrysalis' Heart in audience ratings. It said it would soon start marketing the station for the first time since 2005, hoping to see an improvement in the new year.



"Since the beginning of the year we have streamlined the station's operations, strengthened the on-air talent, positioned Capital firmly as London's hit music station, and introduced the new inventory policy which enhances the overall experience for listeners."

Ralph Bernard, the chief executive of embattled radio group GCap Media, has issued the equivalent of a 'put up or shut up' challenge to the private equity bidders that are said to be circling the UK's largest commercial radio broadcaster.

Mr Bernard said that GCap, formed by the £711m merger between Capital and GWR, has finally "turned the corner in terms of the way we are trading in line with the rest of the market" and that is "the first time we feel we have been able to say that since GCap started". In a trading update, GCap said revenues for the six months to the end of September are expected to be down 9%, as a result of its decision to reduce the frequency of adverts on flagship London station Capital Radio.

GCap is planning an advertising campaign to try to resuscitate Capital, which has lost market share to rivals Magic and Heart. The adverts - to be based around the theme "Come back to Capital" - will be launched later this year and marks the station's first major marketing investment since last year's campaign alongside the arrival of Johnny Vaughan in the station's morning slot. ([www.mediaguardian.co.uk](http://www.mediaguardian.co.uk))

### **Revenues dip at Emap**

**29 September, 2006**

Media group Emap is expecting a 2% revenue decline in the first half of its financial year, the company said today. Emap, the owner of the Magic and Kiss radio stations and magazines including Heat and Closer, said total revenues would be up 6% over the period. But on an underlying basis, excluding the effect of acquisitions and launches, there would be a 2% decline.

In radio, underlying revenues are expected to be up 5%, outperforming the market, while the company's digital music television stations are set to record an 11% increase. Emap is continuing to invest in developing new products, spending about £15m of an annual £27m budget in the first half of the year. ([www.mediaguardian.co.uk](http://www.mediaguardian.co.uk))

### **BBC loses stranglehold on radio commentaries**

**11 October, 2006**

The nation may hear a little less from Alan Green next season because BBC Radio Five Live has lost its exclusive right to broadcast live Premiership matches. From August 2007, listeners will be able to tune to talkSPORT and hear live commentary, breaking a BBC stranglehold on national coverage of the top flight that has existed since the first match was broadcast in 1927.

Anti-monopoly rules by the European Union forced the matches to be divided into packages. The BBC is believed to have paid about £40 million to win six of the seven available.

So, Green, the Marmite of the microphone for his ability to provoke extreme reactions in listeners, and the rest of the BBC team will still have plenty to describe. However, talkSPORT will go head to head with the corporation by broadcasting 32 matches a season on Saturday afternoons at 3pm. The BBC will do the same but has first pick of the matches.



“For the first time, people will be able to hear a very different style of top-flight English football commentary from the traditional sound of the BBC that they have been listening to for 80 years,” Scott Taunton, the managing director of UTV Radio, talkSPORT’s owner, said. He promised a “distinctive, passionate and energetic approach”. ([www.thetimes.co.uk](http://www.thetimes.co.uk))

### **UK radio Listening figures released**

**October 26th**

UK radio audience quarterly data, compiled by RAJAR Ltd (Radio Joint Audience Research) and released today, reveals that the percentage of people tuning into their radios in Quarter 3, 2006 has dipped marginally by 155,000, when compared to Quarter 2, 2006, to 89% of the UK population (15+), with 44.4 million listeners now tuning in each week\*.

Nevertheless, the total number of hours that listeners spend tuned in to their favourite stations has increased quarter on quarter from 1.047 million in Q2, 2006 to 1.063 million in Q3, 2006; as has the average number of hours per listener, which is also up quarter on quarter (Q3, 2006: 23.9 hours v. Q2, 2006: 23.5 hours).

Digital-only radio listening: Additional data compiled by RAJAR reveals that Quarter 3, 2006 delivered record figures for listening to digital-only stations: with weekly reach increasing by 4% quarter on quarter and 16.7% year on year to 4.8 million listeners. In addition, the total number of hours spent listening to digital-only stations increased by 3.5% quarter on quarter and 14.7% year on year to 27.9 million hours.

Radio listening via the Internet: Listening to the radio via the Internet is up by 13% year on year (22.3% in Q3, 2006 v. 19.7% in Q2, 2006); while listening at least once a week has increased by 28% when compared to the same quarter last year (11.9% in Q3, 2006 v. 9.3% in Q3, 2005).

Radio listening via DTV (digital television): Similarly, radio listening via DTV is also up by 10% year on year (38.7% in Q3, 2006 v 35.1% in Q3, 2005) and listening at least once a week has risen to 21.6% (21.5% in Q2, 2006 v 19.9% in Q3, 2005).

Radio listening via mobile phone: RAJAR research released today also reveals that 7.1% of the UK adult population (15+) listen to the radio via mobile phones. This compares with 7% in Q2, 2006 and 6.1% in Q3, 2005.



Radio listening via podcast: Further research, this quarter, in to radio listening via podcast shows that 2 million adults (15.2% of mp3 player owners) now use their mp3 player to listen to podcasts of their preferred radio programmes. This is a rise from 1.9 million (14.8%) in Q2, 2006.

Detailed data and individual radio station data, for both BBC and Commercial Radio stations, is available on the RAJAR web site at [www.rajar.co.uk](http://www.rajar.co.uk). [http://www.rajar.co.uk/]

\*) This weekly reach figure is the number of people (adults 15+) in the UK who listened to a radio station for at least five minutes in the course of an average week during the quarter.

## RSL & LPAM News

Details of the football club's broadcasting their home games are as follows: (the Ofcom web site lists NO stations broadcasting!)

| Football Club  | Station                       | Nov fixtures                             | Dec fixtures   |
|----------------|-------------------------------|--|--|
| Crystal Palace | Palace Radio 1278 kHz         | 11 Stoke<br>18 Barnsley                  | 2 QPR<br>9 Colchester<br>23 Sunderland                       |
| Blackburn      | Radio Rovers 1404 kHz         | 11 Man Utd<br>18 Tottenham               | 2 Fulham<br>9 Newcastle<br>26 Liverpool<br>30 Middlesborough |
| Manchester Utd | Manchester Utd Radio 1413 kHz | 4 Portsmouth<br>25 Chelsea<br>29 Everton | 9 Manchester City<br>26 Wigan<br>30 Reading                  |
| Barnsley       | Oakwell 1575 kHz              | 4 Leeds<br>25 Ipswich<br>28* Southend    | 9 West Brom<br>26 Burnley<br>30 Sheffield Wed                |

\*Evening game.

## New LPAM stations.

**Knutsford AM now broadcasting on 1350 kHz** from Knutsford High School. Web site.

<http://www.school-portal.co.uk/GroupHomepage.asp?GroupID=51102> Postal address Media

Centre Upper School, Bexton Road, Knutsford WA 16 0EA; telephone 01565 632777. According

to Andrew Appleby who is in charge of the station replied to

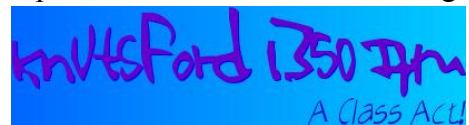
my email saying "We broadcast mainly through the school

hours and 7 days a week. Our broadcasts are student based

and often have entertainment news, school news and that

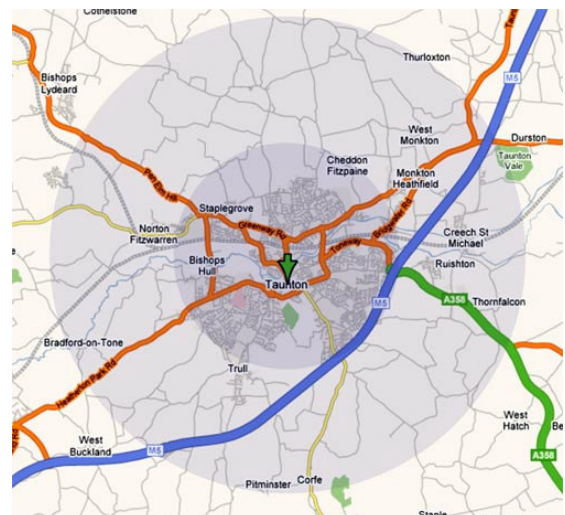
sort of chit chat. We are relatively new having just re-launched to the whole school so are building

pupils shows, from the ground up".



**Pinesbury AM 1278 kHz** from Pinehurst Junior School Swindon. Although I have contacted the school no one returned my call.

**Taunton School 1449 kHz.** According to the station's website tests have started in preparation for broadcasts from November. They claim the coverage area in the map. [www.tauntonschoolam.com/](http://www.tauntonschoolam.com/) Taunton School Radio, c/o Simon Smith, Taunton School, Taunton, Somerset TA2 6AD.



## LPAM Stations – YOUR HELP NEEDED!

One of the difficulties I have mentioned previously is in establishing – beyond doubt – that the LPAM stations currently listed by OFCOM etc are actually broadcasting! Over 80 stations are listed – but quite a few have never been reported in MWN or other similar radio publications. I would like to “tick off” all the stations currently broadcasting, can you let me know which LPAM stations you can hear where you live? Also if you are out on the highways & byeways what can you hear on your car radio? Either send me an email or telephone/ write to my details at the heading. Many thanks in anticipation...! **Please respond to John before the end of November**

## Ireland

The Broadcasting Commission of Ireland (BCI) said on October 26th that it has received five applications for the provision of a new quasi-national Christian and religious sound broadcasting service on the AM band. One of the applications is from United Christian Broadcasters, who previously operated an unlicensed station on mediumwave in Ireland. All applications will be made available for public inspection from Monday 13th November. From that date, they can be viewed online at <http://www.bci.ie/> (via Andy Sennitt)

# EUROLOG

100 Gravel Lane Hemel Hempstead, Herts. HP1 1SB, UK

with John Williams

e-mail: [eurolog@mwcircle.org](mailto:eurolog@mwcircle.org) ☎ 01442 408567

| <b>kHz</b> | <b>Station, location; details heard etc</b>                                      | <b>SIO</b> | <b>UTC</b> | <b>Date</b> | <b>Who</b> |
|------------|--|------------|------------|-------------|------------|
| 207        | RUV, Iceland; surprisingly clear with Germany nulled; // 189 which was excellent | Fair       | 2020       | 20/10       | SW         |
| 603        | Capital Gold, Littlebourne, ID, pop mx: Blondie                                  | 333        | 1418       | 15/10       | OH         |
| 612        | Narodnoye Radio, Kurkino, ID, russian pop mx, //630                              | 143        | 1426       | 15/10       | OH         |
| 630        | NRK 1 Vigra, News  | 444        | 2300       | 19/10       | FM         |
| 630        | Romania Actualitata, News  | 222        | 2303       | 19/10       | FM         |
| 639        | RNE 1, Sport talk about Real Madrid  | 333        | 2310       | 25/09       | FM         |
| 639        | CR 2/6, News   | 444        | 0200       | 26/09       | FM         |
| 666        | RDP Antena 1, Lisboa, ID, Information  | 121        | 0200       | 25/09       | FM         |
| 666        | R. Vilnius, Report   | 333        | 1750       | 24/09       | FM         |
| 666        | SWR Rohrdorf (Bodensea), Program „SWR Contra“                                    | 333        | 1810       | 24/09       | FM         |
| 666        | SER R. Barcelona, News   | 444        | 2300       | 24/09       | FM         |
| 774        | BBC R. Kent, Littlebourne, Nx, ID, Wx  | 243        | 0905       | 18/10       | OH         |
| 810        | BBC R. Schottland, Report  | 222        | 0520       | 27/09       | FM         |
| 846        | Radio North. Music   | 121        | 2045       | 28/09       | FM         |
| 855        | BBC R. Norfolk, Postwick, Travel nx, ID  | 132        | 0905       | 18/10       | OH         |
| 882        | BBC R. Wales, Talk about Football  | 333        | 0520       | 27/09       | FM         |
| 981        | Radio Star Country, Talk   | 121        | 2310       | 20/10       | FM         |
| 1035       | Tartu Family Radio, ID, News in Russian Language                                 | 444        | 0000       | 20/10       | FM         |
| 1035       | BBC Asia Network Sheffield, News in Asian Language                               | 222        | 0003       | 20/10       | FM         |
| 1035       | Northsound Two, Aberdeen, Music ID   | 333        | 0413       | 19/10       | FM         |
| 1062       | RAI Uno various, Information   | 333        | 0415       | 19/10       | FM         |
| 1062       | DR 3 / 4, News. Music  | 444        | 1702       | 16/10       | FM         |
| 1116       | BBC R. Derby, ID, Talk   | 121        | 0730       | 20/10       | FM         |
| 1161       | ? BBC S. Counties, Bexhill – phone-in, local info                                | 444        | 1422       | 22/9        | NH         |
| 1197       | Virgin R, multi-site UK; running a distinct audio echo tonight                   | Good       | 2209       | 10/10       | SW         |

| kHz    | Station, location; details heard etc   | SIO    | UTC  | Date  | Who |
|--------|--|--------|------|-------|-----|
| 1251   | Classic Gold Amber, Bury St, Edmunds- ads, ID  | 443    | 1500 | 23/9  | NH  |
| 1314   | Loisirs AM, Villebon-sur-Yvette, ID: "Loisirs", nouvelle pop mx  | 444    | 2002 | 4/10  | OH  |
| 1269   | Cadena COPE multi-site, Spain; dominating channel with DLF off air for a few days due to serious technical problems                                | Good   | 2100 | 26/10 | SW  |
| 1287   | Garrison Radio Aldershot; Plenty of Garrison Radio ID's (Not yet moved to FM)  | F      | 1700 | 24/10 | JW  |
| 1341   | BBC R. Ulster, Information   | 444    | 0525 | 27/09 | FM  |
| 1350   | URY York returned to air with three days of test transmission recorded loop including IDs; sweep tones etc- making identification for DXers easier | Local  | 2336 | 4/10  | SW  |
| 1386   | Blast 1386, Reading; dominant signal YL with full ID   | Fair   | 2159 | 10/10 | SW  |
| 1386   | Energy Live 1395, Dublin; 80s pop music; canned IDs etc all refer to 1395; moved presumably to avoid returning Big L                               | Fair   | 0836 | 22/10 | SW  |
| 1386   | Manx Radio, Foxdale, ID, Jingle, ads, mx   | 333    | 1922 | 4/10  | OH  |
| 1395   | BIG L, Music, ID   | 555    | 0530 | 22/09 | FM  |
| 1404   | France Blue various, Talk  | 333    | 0538 | 22/09 | FM  |
| 1449   | BBC R4, Redmoss – int.re new UN Sec? General . //R.4 FM  | 333    | 1610 | 3/10  | NH  |
| 1467.5 | Radio Nova [...]; Dutch pirate with very traditional music; off at 0830; not recorded so could not check rest of name                              | Fair   | 0819 | 22/10 | SW  |
| 1476   | R Britannia, Yorkshire with Ken Crescendo; on most Friday evenings and Sunday mornings   | Good   | 2242 | 19/10 | SW  |
| 1485   | Classic Gold 1431/1485 Newbury – ID  | 322    | 1402 | 12/10 | NH  |
| 1485   | BBC R., Humberside, Hull – Local traffic, weather, ID (in null)  | 333    | 1405 | 12/10 | NH  |
| 1494   | France Info- FF - news, ID (but bearing wrong for C- Ferrand)  | 555LSB | 1505 | 14/10 | NH  |
| 1503   | BBC Radio in the Midlands, Stoke-on-Trent, ID, mx: Nostalgia   | 333    | 1900 | 30/9  | OH  |
| 1521   | Classic Gold, Duxhurst, ads, ID "Classic Gold", Surrey mentioned   | 343    | 0857 | 16/10 | OH  |
| 1575   | R. Nouveaux Talents, Paris – ID – FF OM/YL   | 333    | 1559 | 25/9  | NH  |
| 1584   | BBC Hereford and Worcester, Wooferton – ID, news   | 433    | 1530 | 25/9  | NH  |
| 1584   | London Turkish R., London- OM, YL – "London" refs ( ?Turkish)  | 433    | 1510 | 13/10 | NH  |
| 1503   | BBC R. Stoke, Music (Robbie Williams)  | 222    | 0530 | 27/09 | FM  |
| 1530   | R. Vatican, religious News   | 444    | 0300 | 22/10 | FM  |
| 1530   | Classic Gold, Music "Oh Julie"   | 121    | 0310 | 22/10 | FM  |
| 1539   | SER R. Elche / Manrese, ID, News   | 333    | 0200 | 21/10 | FM  |
| 1584   | RMC Info various, Talk   | 322    | 0200 | 18/10 | FM  |
| 1584   | SER R. Grandia / Orense, Music   | 222    | 0210 | 19/10 | FM  |

Many thanks to:

- NH Norman Hixson, Poole Rx- Palstar R.30CC; and 1m hexagonal loop
- OH Olaf C. Haenssler; Oldenburg; Germany; Drake R8E; 1m2-Passive-Loop
- FW Friedhelm Wittlieb, Grundig Satellite 700, Martens-Fram Dortmund Germany
- JW John Williams Hemel Hempstead AOR 7030 + 40m long wire
- SW Steve Whitt High Catton AOR7030 + dual crossed K9AY antenna (Wellbrook

The **deadline** for the next issue is **22 November 2006**

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 |
|-----|-------------|--|------|------|-------|-----|
| 171 |             | Radio Rossii, Oyash, Siberia or Yakutsk FE weak but clear; // 216 kHz (216 was the poorer signal; 5500km versus Oyash's 5000km); clear ID  | W    | 2256 | 8/10  | SW  |
| 209 | UNID        | Carrier causing good het against 207; Mongolia???  | W    | 2300 | 8/10  | SW  |
| 216 |             | Radio Rossii, Krasnoyarsk, Siberia + Birobidzhan FE  | W    | 2256 | 8/10  | SW  |
| 243 |             | TRT Erzurum; Turkish music with amazing reception only on my NE antenna  | Exc  | 2215 | 8/10  | SW  |
| 530 |             | RVCI, South Caicos; religion, OM in SS talk  | G    | 0640 | 6/10  | PL  |
| 530 |             | R Visión Cristiana, South Caicos (presumed); end of programme in Spanish giving address in Orlando, Florida; at one point sounded like 2 stations here though; at 0630 "La Voz de Salvación"; fair stable signal                               | G    | 0628 | 10/10 | SW  |
| 540 | CBT         | Grand Falls NL; "CBC Radio 1 in Labrador and Newfoundland"; ID behind Onda Cero Barcelona  | W    | 0106 | 4/10  | AB  |
| 540 | CBT         | Grand Falls NL; 540 // 1070 & 1140 mixing through Belgium; (nulled on K9AY of course); personal first  | Fpk  | 0633 | 10/10 | SW  |
| 550 | CHLN        | Trois Rivières QC (pres); FF telephone discussion  | W    | 0238 | 23/9  | PC  |
| 550 | CHLN        | Trois Rivières QC; OM/YL on phone // 730 CKAC  | G    | 0638 | 7/10  | PL  |
| 550 | YVKE        | R Mundial, Caracas (pres); SS Discussion with many mentions of Venezuela   | W/F  | 0548 | 20/9  | PC  |
| 550 | CW1         | Radio Colonia, Colonia; "...mucho mas importante en Colonia, Sporting Colonia" then news with mention of Montevideo; second SS station below this one  | W    | 0550 | 23/9  | PC  |
| 555 | ZIZ         | Basseterre, St Kitts; BBC World Service arts talk  | W    | 0542 | 23/9  | PC  |
| 555 | ZIZ         | Basseterre, St Kitts; local programming; OM "To contact our newsroom ring 465 2623"; YL "Now ZIZ will hear your point of view"   | F    | 0457 | 26/9  | jw  |
| 555 | ZIZ         | Basseterre, St Kitts; BBC W/S several seconds behind 648 kHz   | W/F  | 0550 | 27/9  | BD  |
| 555 | ZIZ         | Basseterre, St Kitts; promo for "Prime Talk on ZIZ Radio", followed by poorer full ID by YL  | F    | 0529 | 3/10  | mah |
| 555 | ZIZ         | Basseterre, St Kitts; BBC World Service  | F    | 0620 | 18/10 | PL  |
| 560 | <b>WQAM</b> | <b>Miami FL</b> ; ESPN Radio promos, brief jingle ID "WQAM Miami" at the toth; equal/over CHVO for a while; tnx to AB and SW for checking the clip – finally confirmed by checking against website jingle; <b>last reported in UK pre-1965</b> | Fpks | 0700 | 4/10  | mah |
| 560 | WGAN        | Portland ME; "News Radio 5-60 WGAN" IDs in CHVO fade   | Fpks | 0659 | 5/10  | mah |
| 560 | CHVO        | Spaniard's Bay NL; VOXM country pops // 710 kHz  | W    | 0544 | 27/9  | BD  |
| 560 | CHVO        | Spaniard's Bay NL; VOXM // 590 kHz; also 2250 11/10 "here on 5-60 CHVO Country" F  | W    | 2235 | 27/9  | PC  |
| 560 | CHVO        | Spaniard's Bay NL; ads for a care home followed by VOXM wx   | W    | 0547 | 3/10  | AB  |
| 560 | CHVO        | Spaniard's Bay NL; VOXM ID, ads  | G    | 0048 | 6/10  | PL  |
| 560 | YVRH        | RNV, Cd Guyana; SS political speech, under CHVO; anns, ID at 0627 "Radio Nacional de Venezuela ... en revolución"  | Fpks | 0619 | 23/9  | mah |

| <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> |
|------------|-----------------|--|------------|------------|-------------|------------|
| 560        | UNID            | Coast to Coast xf CHVO   | F          | 0640       | 13/10       | PL         |
| 570        | CFCB            | Corner Brook NL; local ads, ID "... stay with CFCB"  | W/F        | 0644       | 5/10        | mah        |
| 580        | CFRA            | Ottawa ON; "Newstalk Radio 580 CFRA" rolling news over WKAQ  | G          | 0631       | 10/10       | PL         |
| 580        | WKAQ            | R Reloj, San Juan, PR; "WKAQ" ID; also 0619 21/10  | W          | 0553       | 23/9        | PC         |
| 580        | WKAQ            | San Juan PR; "WKAQ 5-80" IDs   | W          | 0701       | 26/9        | mah        |
| 580        | WKAQ            | San Juan PR; thanks to Henrik Klemetz for solving this one! HeF says "Info related to Univisión TV net, "por Univisión" and lengthy advice of insulin intake for diabetes ends with phone number starting 787". Univisión owns the station.  | HeF        | 0558       | 4/10        | AB         |
| 580        | WKAQ            | San Juan PR; "Escucha WKAQ 5-80" rolling news. CFRA dropped right out leaving this in the clear -gorgeous copy   | vG         | 0633       | 10/10       | PL         |
| 585        |                 | AIR Nagpur A, India; Indian mx // 846.918 kHz  | G          | 1722       | 15/10       | chm        |
| 590        | KHAR            | Anchorage AK (tentative); light songs, tentative very weak ID  | W          | 0947       | 19/10       | mah        |
| 590        | WEZE            | Boston MA (presumed); rlg programme closing anns, equal to VOXM, but faded before the toth; weak mention of something like "WKPQ Boston" at 0759, with the "WKPQ" repeated a few seconds later – was this a toth ID or a reference to sister station WTTT? – call letters not clear and may have been misheard | Fpk        | 0756       | 20/10       | mah        |
| 590        | VOXM            | St John's, NL; // 620, 740 kHz   | W          | 0555       | 22/9        | AB         |
| 590        | VOXM            | St John's NL; // 620 kHz, but with much more splatter  | W          | 2221       | 22/9        | PC         |
| 590        | VOXM            | St John's NL; promo & ID // 620 710, 740 kHz   | F          | 2210       | 7/10        | SW         |
| 590        | VOXM            | St John's NL; weather report then ID "VOXM" then ID sung   | F          | 0608       | 11/10       | JW         |
| 590        | CKRS            | Jonquiére QC (presumed); FF talk xf VOXM   | F          | 0706       | 12/10       | PL         |
| 590        | CMHI            | R Musical, Santa Clara (presumed); SS anns, TC "3, 30 minutos de la madrugada", classical mx and more anns, but no ID noted  | Gpks       | 0732       | 24/10       | mah        |
| 590        | HOH3            | RPC Radio, Chitré (tentative); LA mx, SS anns "... Panamá"   | F/Gpk      | 0651       | 25/9        | mah        |
| 590        | LS9             | R Continental, Buenos Aires; SS tlk, ID  | F          | 0504       | 25/9        | mah        |
| 600        | CBNA            | St Anthony NL; "CBC Radio 1"   | W          | 2328       | 22/9        | PC         |
| 600        | CBNA            | St Anthony NL; less regular CBC outlet; // 1070, 1140 kHz  | F          | 2209       | 7/10        | SW         |
| 600        | CMKV            | R Rebelde, Urbano Noris; Latin mx, under CBNA  | G          | 0639       | 10/10       | PL         |
| 600        | CMKV            | Radio Rebelde, Urbano Noris; musical programme // 5025, 1180   | F          | 0652       | 16/10       | SW         |
| 600        | CMKV            | R Rebelde, Urbano Noris; SS ballads // 5025 kHz  | W/F        | 0643       | 21/10       | PC         |
| 610        | WIOD            | Miami FL; IDs "Coming up WIOD weather ... 5:04 on 6-10 WIOD"; also Wpk 0737 18/10  | W/F        | 0904       | 22/10       | mah        |
| 610        | CHNC            | New Carlisle QC; mostly mx but FF ann "CHNC-CHGM"  | W          | 0435       | 23/9        | AB         |
| 610        | CHNC            | New Carlisle QC (pres); YL reading FF news   | F          | 2249       | 28/9        | PC         |
| 610        | CHNC            | New Carlisle QC (presumed); with pops // 1150 kHz  | F          | 0453       | 4/10        | JF         |
| 610        | CHNC            | New Carlisle QC; soft FF pops & announcements  | W/F        | 0629       | 4/10        | BD         |
| 610        | CHNC            | New Carlisle QC; ID, pop   | G          | 0705       | 13/10       | PL         |
| 610        | CM--            | R Rebelde, 2 sites listed; music from Cuba // 1180, 710, 5025  | W          | 0603       | 3/10        | SW         |
| 620        | WDAE            | Saint Petersburg FL; Fox Sports Radio; local insert "6-20 wdae.com"; also F/Gpks 0706 4/10   | Fpks       | 0748       | 7/10        | mah        |
| 620        | WZON            | Portland ME; "6-20 WZON" ID noted under weak CKCM  | W          | 0848       | 22/10       | mah        |
| 620        | CKCM            | Grand Falls NL; trailer for "VOXM Open Line"   | W/F        | 2220       | 22/9        | PC         |
| 620        | CKCM            | Grand Falls NL; advertisements for Grand Falls businesses, then ID "VOXM All Newfoundland and Labrador Network"  | F          | 0204       | 28/9        | 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> |
|------------|-----------------|---|------------|------------|-------------|------------|
| 620        | CKCM            | Grand Falls NL; advert & website // 740 kHz   | F          | 2208       | 7/10        | SW         |
| 620        | CKCM            | Grand Falls NL; ads for Tetley tea and ID   | G          | 0449       | 10/10       | PL         |
| 630        | CFCY            | Charlottetown PE; ID "... on Island Country 95-1 FM CFCY"   | Wpk        | 0656       | 8/10        | mah        |
| 630        | WUNO            | San Juan PR (presumed); Latin talker while WKAQ 580 was strong; dominant over Norway etc  | F          | 0640       | 10/10       | PL         |
| 630        | YVKA            | Radio Nacional (Canal Informativo), Caracas; assembly praising Hugo Chavez (like a bible station) later "Informacion, educacion, ?,?, participacion forman parte de nuestra responsibilidad social. RNV Canal Informativo."         | W/F        | 0558       | 23/9        | PC         |
| 630        | YVKA            | R Nacional, Caracas; SS ID "RNV, Canal Informativo ... de Radio Nacional de Venezuela, la voz de Venezuela y el mundo"  | F/G        | 0559       | 14/10       | mah        |
| 639        |                 | CNR1, multiple sites; // 1134 // SW   | W          | 1540       | 6/10        | chm        |
| 640        | CBN             | St John's NL; stronger than // 1070 and 1400 kHz  | F          | 2255       | 20/9        | PC         |
| 640        | CBN             | St John's NL; news at TOH - "You're listening to CBC1 in Newfoundland and Labrador. I'm Giles Kenny in St John's"   | F          | 0000       | 6/10        | AB         |
| 640        | CBN             | St John's NL // 1070 kHz  | F          | 2209       | 7/10        | SW         |
| 640        | CFMJ            | Richmond Hill ON; "On AM 6-40 Toronto Radio" ID from YL   | F/G        | 0702       | 10/10       | PL         |
| 640        | CM--            | R Progreso, 3 sites listed; SS anns, "RP" ID  | W/F        | 0731       | 23/9        | mah        |
| 640        | CM--            | Radio Progreso, 3 sites listed; news item on Cuba railing against US at the UN for hypocritical attitude towards terrorism. Thanks to Henrik for transcribing the news item for me. Later, Progreso ID (Radio Progreso Información) | Fpks       | 0126       | 6/10        | AB         |
| 640        | CM--            | R Progreso, 3 sites listed; Latin mx // 890; distinct echo heard 0628 next morning with 2 tx's audible  | F          | 0740       | 10/10       | PL         |
| 640        | CM--            | Radio Progreso, 3 locations listed; YL ballad // webcast  | W/F        | 0648       | 21/10       | PC         |
| 640        |                 | Radio Guadeloupe Point-à-Pitre; FF nx magazine // 162 kHz   | W          | 0631       | 4/10        | BD         |
| 648        |                 | Asianet R, UAE (presumed); moving here from 657 kHz; Indian style singing behind BBC WS   | W          | 2024       | 3/10        | SW         |
| 650        | KENI            | Anchorage AK; C2C, poor "News Radio 6-50 KENI"; xf KNR  | Fpks       | 1031       | 20/10       | mah        |
| 650        | WSM             | Nashville TN; "Nashville's Country Legend - 6-50 AM - WSM", country mx  | G          | 0639       | 6/10        | PL         |
| 650        | CKGA            | Gander NL; VOXM country pops // 710 kHz   | W/F        | 0540       | 27/9        | BD         |
| 650        | CKGA            | Gander NL; VOXM ID; not commonly heard here   | G          | 0545       | 3/10        | AB         |
| 650        | CKGA            | Gander NL; VOXM IDs and C&W music   | W          | 0420       | 5/10        | JF         |
| 650        | CKGA            | Gander NL; // 590 VOXM weather  | F          | 2213       | 7/10        | SW         |
| 650        | CKGA            | Gander NL; "You're listening to Radio Newfoundland ..... on stations of the VOXM radio service"   | F          | 2122       | 11/10       | PC         |
| 650        | CKGA            | Gander NL; "VOXM - Depend on it!"   | G          | 0229       | 23/10       | PL         |
| 650        |                 | KNR Qeqertarsuaq, Greenland; film mx then nx in Greenlandic   | F/G        | 2231       | 28/9        | PC         |
| 650        |                 | KNR Qeqertarsuaq, Greenland; pop and OM in Greenlandic  | F          | 2340       | 6/10        | PL         |
| 650        |                 | KNR Qeqertarsuaq, Greenland; Greenlandic talks equal under BBC  | W          | 2009       | 9/10        | Rha        |
| 650        | HJKH            | RCN Antena 2, SF de Bogotá; "Antena 2" ID after Latin mx  | F          | 0522       | 10/10       | PL         |
| 650        | HJKH            | RCN Antena 2, SF de Bogotá; SS ID "Antena Dos"  | W/F        | 0609       | 14/10       | mah        |
| 657        |                 | Henan RGD, China; CC IDs  | W          | 1436       | 19/10       | chm        |
| 660        | KFAR            | Fairbanks AK; Talk Radio Count Down Show, "KFAR is the home of Fox News Radio in Fairbanks - Fox News 6-60 AM"  | F/G        | 0930       | 19/10       | mah        |
| 660        | WFAN            | New York NY; sports phone in show   | F          | 0532       | 21/9        | BD         |

| <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> |
|------------|-----------------|---|------------|------------|-------------|------------|
| 660        | WFAN            | New York City, NY; Sports talk – “You’re listening to ... on the WFAN ... Radio Network”  | W          | 0231       | 23/9        | AB         |
| 660        | WFAN            | New York NY; sung jingle at toth “Sports Radio, The Fan, WFAN”  | W/F        | 0600       | 3/10        | PC         |
| 660        | WFAN            | New York NY; “Sports Radio The Fan” sports report   | G          | 0029       | 6/10        | JF         |
| 660        | WFAN            | New York NY; sports   | G          | 0450       | 10/10       | PL         |
| 660        | WFAN            | New York NY; plenty of sports talk  | W          | 0609       | 11/10       | JW         |
| 660        | WFAN            | New York NY; sports news and ID   | G          | 0630       | 22/10       | JWe        |
| 660        | CFFR            | Calgary AB; promo, IDs as “6-60 News”, rolling news format  | Fpks       | 0708       | 10/10       | mah        |
| 670        | WSCR            | Chicago IL; difficult “The Score” IDs, SNR  | W/P        | 0606       | 10/10       | mah        |
| 670        | CMBA            | Radio Rebelde, Arroya Arenas; SS ballads // 710, 770, 1180  | W          | 0637       | 25/9        | PC         |
| 670        | CMBA            | Radio Rebelde, Arroyo Arenas; news headlines & "Rebelde La Habana" ID // 5025 kHz   | F          | 0600       | 3/10        | BD         |
| 680        | CFTR            | Toronto ON; Canadian temperatures then ID “6-80 News time 1:30”; frequent “6-80 News” IDs   | F          | 0530       | 7/10        | JF         |
| 680        | CFTR            | Toronto ON; “6-80 News time 4.21”; also Fpks 0634 9/10  | Fpk        | 0821       | 10/10       | mah        |
| 680        | CFTR            | Toronto ON; travel reports, mixing WRKO   | G          | 0630       | 12/10       | PL         |
| 680        | CFTR            | Toronto ON; Toronto traffic and weather news; “6-80 News time 2.42”   | F          | 0642       | 12/10       | PC         |
| 680        | CJOB            | Winnipeg MB; “This is CJOB Sports”; xf WRKO   | Fpks       | 0631       | 10/10       | mah        |
| 680        | HJZO            | R Nacional, Sabanagrande; “Radio Nacional de Colombia” IDs  | F          | 0503       | 22/9        | mah        |
| 680        | HJZO            | RN de Colombia, Sabanagrande; a weak ID followed by a slightly stronger “la Radio Nacional de Colombia”<br>Recording: <a href="http://paulc.mwcircle.org/rnc680.mp3">http://paulc.mwcircle.org/rnc680.mp3</a>   | W          | 0606       | 2/10        | PC         |
| 680        | KBRW            | Barrow AK (pres); weak levels of choir songs & preaching  | W          | 1952       | 9/10        | Rha        |
| 680        | KBRW            | Barrow AK; oldies first noted at 0839 on the Alaskan beverage; ID at 0900 “From Barrow Alaska we are KBRW and kbrw.org”, then wx; at 0907 “... now returning you to KBRW Radio” and local events in EE/Inuit; back to oldies at 0911; ID again at 1001, then wx; no other Alaskans noted; also W/F 0828 9/10, Gpks 0912 19/10, vWpks 0853 23/10 | F/Gpks     | 0900       | 24/10       | mah        |
| 680        | WRKO            | Boston MA; Boston PSAs, "right here on Boston's talk station AM 6-80 WRKO" C2C talk show  | W          | 0606       | 5/10        | BD         |
| 680        | WRKO            | Boston MA; “news on 6-80 WRKO” ID; later C2C talk   | W/Fpks     | 0503       | 7/10        | Rha        |
| 680        | WRKO            | Boston MA; ID at top of hour - “You’re listening to Boston’s Talk Station – WRKO”   | F          | 0600       | 7/10        | JF         |
| 680        | WRKO            | Boston MA; “WRKO Weather”   | F          | 0602       | 7/10        | PC         |
| 680        | WRKO            | Boston MA; " Bostons talk station is WRKO" nx rpt; xd CFTR  | G          | 0630       | 12/10       | PL         |
| 680        | WRKO            | Boston MA; traffic, “WRKO weather channel meteorologist ...”; also W 0733 23/9, W/F 0806 10/10  | F          | 0906       | 20/10       | mah        |
| 680        | YVQR            | R Continente, Cumaná; SS anns, ID “Radio Continente 6-80”   | W/P        | 0549       | 25/9        | mah        |
| 690        | CINF            | Montréal QC; FF talk, phone interview   | W          | 0554       | 5/10        | PC         |
| 700        | WLW             | Cincinnati OH; “700 WLW” ID faded in and out  | W          | 0241       | 23/9        | AB         |
| 700        | WLW             | Cincinnati OH; “700 WLW Newstime ...”   | W          | 0504       | 6/10        | PC         |
| 700        | WLW             | Cincinnati OH; "wlw.com" ads, news and ID, struggle against local 693   | F          | 0104       | 7/10        | PL         |
| 700        | WLW             | Cincinnati OH; poor ID “700 WLW”  | Fpks       | 0700       | 8/10        | mah        |
| 700        | WLW             | Cincinnati OH; "News Radio 700 WLW" ID, wx, nx & truckers talk show   | W/F        | 0730       | 10/10       | BD         |

| <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> |
|------------|-----------------|---|------------|------------|-------------|------------|
| 700        | ZYK686          | Rádio Eldorado, São Paulo; "Rádio Eldorado" ID & YL/OM chat show  | W          | 0530       | 24/9        | BD         |
| 700        | ZYK686          | R Eldorado, São Paulo; PP ID "Rádio Eldorado AM 700 kHz uma emissora de grupo ... Rádio Eldorado AM ..."  | Fpks       | 0601       | 26/9        | mah        |
| 700        | ZYK686          | R Eldorado, São Paulo (tent); PP with mentions of São Paulo   | W          | 2150       | 20/10       | PC         |
| 700        | HCRS2           | Radio Sucre, Guayaquil; "Radio Sucre 700 AM" ID, chat & Andean style songs  | W/F        | 0545       | 25/9        | BD         |
| 700        | YVMH            | Radio Popular, Maracaibo (tentative); US style "fire & brimstone" preacher in SS; OM Henrik K picked out "estado Zulia" in my audio clip. Thank you again OM    | W/F        | 0547       | 25/9        | BD         |
| 700        | UNID            | LA songs, SS anns, ID sounding like "Radio Super" – R Sucre, or R Sur, perhaps?; xd another Latin   | Wpks       | 0631       | 23/9        | mah        |
| 710        | WOR             | New York NY; Joey Reynolds Show // 1520 kHz "Real People, Real Talk Radio"  | F          | 0639       | 6/10        | SW         |
| 710        | WOR             | New York NY; "...from your good friends at WOR". "This is "7-10 WOR"  | F          | 0551       | 7/10        | PC         |
| 710        | WOR             | New York NY; talk programme then ID "Right here on WOR"   | F          | 0458       | 10/10       | JW         |
| 710        | KIRO            | Seattle WA; ads, ID "News Radio 7-10 Kiro"; quiet channel – no other west coast stations audible  | Wpk        | 1004       | 24/10       | mah        |
| 710        | CKVO            | Clarenville NL; weather and then VOXM jingle  | W/F        | 2222       | 22/9        | PC         |
| 710        | CKVO            | Clarenville NL; VOXM country pops   | W          | 0550       | 24/9        | BD         |
| 710        | CKVO            | Clarenville NL; country music   | W          | 0358       | 10/10       | JW         |
| 710        | CKVO            | Clarenville NL; progs // 590 mixing with Rebelde  | F/G        | 0453       | 10/10       | PL         |
| 710        | CKVO            | Clarenville NL; // 590 VOXM talk show with female host  | F          | 2246       | 12/10       | SW         |
| 710        | CKVO            | Clarenville NL; relaying VOXM oldies programme "brought to you by ... magazine ... on VOXM"   | F          | 0303       | 17/10       | AB         |
| 710        | CM--            | Radio Rebelde, 4 sites listed; SS ballads // 670, 770, 1180 kHz   | W          | 0639       | 25/9        | PC         |
| 710        | CM--            | R Rebelde, 4 sites listed; // 5025 & 1180 kHz   | F          | 0637       | 2/10        | SW         |
| 710        | CM--            | Radio Rebelde, 4 sites listed; OM, YL with info & Cuban mx // 5025 kHz  | W/F        | 0628       | 3/10        | BD         |
| 710        | CM--            | R Rebelde, 4 sites listed; OM in talk // 5025 mixing CKVO   | F/G        | 0453       | 10/10       | PL         |
| 720        | CHTN            | Charlottetown PE; "The New Ocean 100" behind local 720, good peak; also Good 0627 10/10   | G          | 0634       | 7/10        | PL         |
| 720        | CHTN            | Charlottetown PE; "Up to date weather on the new Ocean 100"; under/over Euros   | Gpks       | 0543       | 10/10       | mah        |
| 730        | CKAC            | Montréal QC; FF tele-talk show with mentions of Montréal  | W          | 0618       | 29/9        | BD         |
| 730        | CKAC            | Montréal QC; FF news with mentions of Montreal and Quebec   | F          | 0517       | 6/10        | PC         |
| 730        | CKAC            | Montréal QC; OM/YL on phone // 550 CHLN   | vG         | 0638       | 7/10        | PL         |
| 730        | CKAC            | Montréal QC (pres); French talk & mention Quebec  | G          | 0615       | 8/10        | SW         |
| 730        | CMBB            | R Progreso, Nuevo Gerona; over CKAC // 890 light Latin pop  | F          | 0700       | 11/10       | PL         |
| 730        |                 | Inspirational 7-30 AM, Port of Spain, Trinidad; correction from Inspirational 7-90 loggings of 23/8 and 24/8 – thanks to Glen Hauser for pointing out this typo |            |            |             | mah        |
| 730        | HJCU            | R Lider, SF de Bogotá; SS IDs "En Radio Lider estas fueron las ultimas noticias"  | F/G        | 0615       | 4/10        | mah        |
| 730        | UNID            | Brazilian above CKAC for a couple of minutes  | F          | 0606       | 6/10        | PC         |
| 738        |                 | Xinjang RGD; CC ID "Xinjang Renmin Guangbo Dientai", also hrd w IDs1600 7/10 // 7155; 1508 21/10  | G          | 1630       | 6/10        | chm        |
| 738        |                 | Xinjang PBS China (pres); Chinese talk from 1608-1648   | Fks        | 1608       | 20/10       | SW         |

| kHz    | Callsign | Station, location; details heard etc  | SIO  | UTC  | Date  | Who |
|--------|----------|---|------|------|-------|-----|
| 740    | CBX      | Edmonton AB (presumed); sounded like R Nederland overnight<br>px // 1010 kHz  | Gpks | 0712 | 10/10 | mah |
| 740    | CHCM     | Marystown NL; VOXM country pops   | W/F  | 0542 | 22/9  | BD  |
| 740    | CHCM     | Marystown NL; // 590, 620 kHz; "VOXM 20-20 weather; 20<br>past, 20 to and on the hour, only on VOXM, Newfoundland's<br>weather authority"; also 0610 2/10   | F    | 0555 | 22/9  | AB  |
| 740    | CHCM     | Marystown NL; VOXM news and weather   | W    | 0535 | 23/9  | PC  |
| 740    | CHCM     | Marystown NL; // 620 VOXM   | F    | 2208 | 7/10  | SW  |
| 740    | CHWO     | Toronto ON; nostalgia / light pops; also 0608 13/10   | G    | 0626 | 10/10 | PL  |
| 740    | ZYH446   | R Sociedade de Bahia; music and talk mix with a handful of<br>'Sociedade' IDs and a Sociedade jingle  | W    | 0032 | 20/9  | AB  |
| 740    | ZYH446   | R Sociedade da Bahia, Salvador; "Rádio Sociedade da Bahia"  | W    | 2155 | 26/9  | PC  |
| 740    | ZYH446   | Rádio Sociedade da Bahia, Salvador; ads and ID  | W    | 2320 | 29/9  | JWe |
| 740    | ZYH446   | Rádio Sociedade da Bahia, Salvador; ID just past hour, OM tlk   | F    | 0101 | 9/10  | PL  |
| 740.01 | ZYH446   | Rádio Soc da Bahia Salvador; "Voz do Brasil" nx & info //<br>11815 kHz  | W    | 2202 | 9/10  | BD  |
| 740    | ZYH446   | R Sociedade da Bahia, Salvador; talks   | F    | 2350 | 23/10 | BOC |
| 750    | KFQD     | Anchorage AK; promo "... on AM 7-50 KFQD"   | Fpks | 1006 | 20/10 | mah |
| 750    | CBGY     | Bonavista Bay NL; CBC Overnight Radio Netherlands relay,<br>then "This is CBC Radio 1"  | F    | 0500 | 28/9  | AB  |
| 750    | CBGY     | Bonavista Bay NL; YL in talk // 640 kHz   | G    | 0007 | 7/10  | PL  |
| 750    | CBGY     | Bonavista Bay NL; YL/OM discussion // 1400 kHz  | W    | 2108 | 8/10  | PC  |
| 750    | CBGY     | Bonavista Bay NL; CBC o/n // 1070 kHz   | W    | 0633 | 15/10 | BD  |
| 750    | YVKS     | Radio Caracas, Caracas; "RCR-ay" ID OM in talk  | F    | 0200 | 9/10  | PL  |
| 760    | WJR      | Detroit MI; talk, "Newstalk 760 - WJR"  | G    | 0625 | 10/10 | PL  |
| 760    | WJR      | Detroit MI (pres); Midnight Radio Network   | G    | 0644 | 12/10 | PC  |
| 760    | WCHP     | Champlain NY; Woman preaching. "Sold out for Jesus"<br>program as per sked, WCHP IDs "WCHP operates ... at 7-60<br>kHz by authority of the Federal Communications Commission<br>... We invite you to tune in ... when WCHP will again .....",<br>then disappeared 2217; <b>daytimer</b> | F    | 2213 | 23/10 | PC  |
| 760    | HJAJ     | RCN, Barranquilla; references to 'fórmula uno, Radio Uno<br>RCN and Toyota' according to Henrik Klemetz, to whom<br>thanks are extended   | Fpks | 0618 | 7/10  | AB  |
| 760    | HJAJ     | RCN, Barranquilla; Colombian football match reports with fine<br>'golazo' from Santa Fé match   | W/F  | 0052 | 9/10  | PC  |
| 760    | HJAJ     | RCN Barranquilla; OM talk, "RCN" ID   | F    | 0145 | 9/10  | PL  |
| 770    | WABC     | New York NY; "This is News Talk Radio 77, WABC"   | W    | 0200 | 20/9  | PC  |
| 770    | WABC     | New York NY; C2C tlk at full hour "News Talk Radio 77<br>WABC" ID, followed by ads & Laura Ingraham Show  | W/F  | 0454 | 7/10  | Rha |
| 770    | WABC     | New York NY; C2C talk show  | W/F  | 0650 | 13/10 | BD  |
| 770    | CHQR     | Calgary AB; C2C, "... everything you need in Calgary ...it's<br>AM 7-70 CHQR"   | F/G  | 0730 | 10/10 | mah |
| 770    | CM--     | Radio Rebelde, location unknown; SS ballads // 670, 710, 1180   | W    | 0640 | 25/9  | PC  |
| 774    |          | Hubei RGD, China; EE, ID "Hubei Renmin Guangbo Dientai"   | F    | 1537 | 15/10 | chm |
| 774    |          | AIR Shimla, India; Indian mx // 585.918 kHz   | G    | 1636 | 15/10 | chm |
| 774    | JOUB     | NHK2, Akita; closedown musical-box-style mx // 1386 kHz,<br>s/off 1505  | F    | 1502 | 23/10 | chm |
| 780    | KNOM     | Nome AK; light mx, ID "KNOM AM and FM in Nome it's 3<br>o'clock"  | Fpks | 1000 | 19/10 | mah |

| kHz   | Callsign    | Station, location; details heard etc  | SIO    | UTC  | Date  | Who |
|-------|-------------|---|--------|------|-------|-----|
| 780   | WBBM        | Chicago IL; "This is Chicago's all news station News Radio 7-80 WBBM"; xf CFDR  | Fpks   | 0618 | 10/10 | mah |
| 780   | CFDR        | Halifax NS; still playing classic country mx  | F      | 0548 | 28/9  | BD  |
| 780   | CFDR        | Dartmouth NS; "Classic Country, 7-80 Kixx"  | W/F    | 0641 | 3/10  | PC  |
| 780   | CFDR        | Dartmouth NS; lots of country music with "Classic Country 7-80 KIXX" between tracks   | G      | 0540 | 4/10  | AB  |
| 780   | CFDR        | Dartmouth NS; non-stop "Classic Country" on 7-80  | F/G    | 0458 | 7/10  | Rha |
| 780   | YVMN        | Radio Coro, Coro; bright Latin mx & "Radio Coro" IDs  | W      | 0604 | 22/9  | BD  |
| 780   | YVMN        | Radio Coro; songs, full ID at 0628  | F      | 0625 | 22/10 | JWe |
| 790   | KCAM        | Glenallen AK; light mx, rlg's anns, poor ID "This is KCAM Glenallen"  | Fpks   | 0959 | 19/10 | mah |
| 790   | WAXY        | South Miami FL ; sports anns, ID "Sports Talk 7-90 The Ticket"  | W      | 0400 | 26/9  | Rha |
| 790   | WAXY        | South Miami FL; "You're listening to Fox Sports Radio on WAXY South Miami, Sports talk 7-90 The Ticket"   | W      | 0500 | 2/10  | JF  |
| 790   | WAXY        | South Miami FL; sports news; "You're listening to Fox Sports Radio on Sports Talk 7-90, The Ticket"   | F      | 0549 | 2/10  | AB  |
| 790   | WAXY        | South Miami FL; Fox Sports Radio  | F      | 0643 | 6/10  | PC  |
| 790   | WAXY        | South Miami FL; Fox Sports Radio  | W/F    | 0625 | 15/10 | BD  |
| 790   | <b>KFGO</b> | <b>Fargo ND</b> ; farm reports, "KFGO Weather", with reference to "Fargo Moorhead"; promo "... on 7-90 KFGO"; <b>UK FIRST</b>                       | F/Gpks | 0633 | 10/10 | mah |
| 790   | CFCW        | Camrose AB; country mx, "CFCW" IDs at 0727  | W/Fpks | 0723 | 10/10 | mah |
| 790   | CFNW        | Port au Choix NL, country mx // 740 dominant signal   | G      | 0629 | 13/10 | PL  |
| 790   | CMAQ        | Radio Reloj, Pinar del Río; SS talk including mentions of Radio Reloj, single tones marking each minute followed about 1 second later by 'RR' in CW | F      | 0617 | 5/10  | AB  |
| 789.9 |             | Starcom Gospel 7-90, Bridgetown, Barbados (presumed); EE rlg's px, only there for a few minutes, then gone  | Fpks   | 0650 | 26/9  | mah |
| 790   | CMAQ        | R. Reloj, Pinar Del Rio; usual pips, mixing WAXY  | F      | 0545 | 11/10 | PL  |
| 790   | UNID        | Fox Sports phone 877-99-ON-FOX  | F      | 0628 | 7/10  | SW  |
| 792   |             | Guanxi Satellite, Nanning, China; CC, ID?, jingle bells, s/off 1600   | F      | 1559 | 15/10 | chm |
| 792   |             | AIR Pune A, India; Indian mx // 585.918 kHz   | F/G    | 1617 | 15/10 | chm |
| 800   | VOWR        | St John's NL; ID, "Early Morning on 800 on your radio dial"   | G      | 0548 | 24/9  | SW  |
| 800   | VOWR        | St John's NL; melancholy folk songs   | W      | 0555 | 24/9  | BD  |
| 800   | VOWR        | St John's NL; "Folk Favourites on VOWR Radio"   | Gpks   | 0604 | 29/9  | mah |
| 800   | VOWR        | St John's NL; some religious talk followed by "Your choice for Easy Listening Favourites, VOWR Newfoundland"  | Fpks   | 0308 | 5/10  | AB  |
| 800   | VOWR        | St John's NL; Classical music (Bach) // webcast   | W      | 2111 | 8/10  | PC  |
| 800   | VOWR        | St John's NL; really bad ceilidh record which then went on to skip.... Ouch!  | G      | 0651 | 9/10  | PL  |
| 800   | VOWR        | St John's NL (presumed); folk music   | W      | 0641 | 23/10 | JW  |
| 800   | CKLW        | Windsor ON; C2C with George Noorey, Windsor ads, mentioning "AM 800"; no sign of VOWR   | F/G    | 0557 | 10/10 | mah |
| 800   | CKLW        | Windsor ON (presumed); C2C, talk about the Nephelim   | G      | 0720 | 13/10 | PL  |
| 800   | CHRC        | Québec QC (pres); FF talk level with VOWR   | W      | 0646 | 7/10  | PC  |
| 800   | UNID        | FF programming  | F      | 0640 | 6/10  | PL  |
| 810   | CJVA        | Caraquet NB (presumed); FF OM with country mx same level as R Scotland  | F/G    | 0649 | 7/10  | PL  |
| 810   | UNID        | C2C behind Radio Scotland   | F      | 0630 | 6/10  | PL  |



| <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> |
|------------|-----------------|--|------------|------------|-------------|------------|
| 819        |                 | Shanxi RGD (pres); CC YL talk  | F          | 1515       | 6/10        | chm        |
| 819        |                 | ERTU Batra, Egypt; music   | 333        | 2020       | 26/9        | FW         |
| 819        |                 | AIR Rajkot A, India; // 3365 kHz   | F/G        | 1516       | 15/10       | chm        |
| 820        | KCBF            | Fairbanks AK; peaking fair at 0725 with ESPN Radio; weaker by 0800 for ID "8-20 Sports is on KCBF 8-20 AM Fairbanks – we're in The Game"; also G 0856 19/10  | W          | 0800       | 20/10       | mah        |
| 820        | WNYC            | New York NY; politics & government, news reports on top of the mix WNYC & BBC World Service  | F/G        | 0503       | 29/9        | Rha        |
| 820        | WNYC            | New York NY; "... public radio AM 8-20 WNYC New York", wx, and "This is WNYC New York and wnyc.org"; xf TBN  | Fpk        | 0559       | 7/10        | mah        |
| 820        | CHAM            | Hamilton ON (presumed); country music  | G          | 0650       | 7/10        | PL         |
| 820        |                 | TBN Charlestown, Nevis; US religious studio talk   | W/F        | 0603       | 24/9        | BD         |
| 820        |                 | TBN Charlestown, Nevis; US studio talk-religious   | W/F        | 0403       | 26/9        | Rha        |
| 820        |                 | TBN Charlestown, Nevis; "This is the Trinity Broadcasting Network"   | F          | 2300       | 2/10        | PC         |
| 820        |                 | TBN Charlestown, Nevis; end of religious programme from TV Fpks "call the telephone number at the bottom of your screen"   |            | 2357       | 4/10        | SW         |
| 820        |                 | TBN Charlestown, Nevis; Bible Talk with OM/YL  | F          | 0607       | 6/10        | JW         |
| 820        |                 | TBN Charlestown, Nevis; continuity announcement mentioning vW website, tbn.org, followed by "This is Trinity Broadcasting"   |            | 0630       | 21/10       | AB         |
| 820        | HJED            | Caracol, Cali; SS ID "Porque las noticias con Caracol Radio", TC "En Caracol Radio 2 de la madrugada 9 minutos"  | Gpk        | 0709       | 22/10       | mah        |
| 830        | KSDP            | Sand Point AK; long wx forecast, anns/ID "... Weather Service and KSDP. Our programming on KSDP is brought to you by ... bed and breakfast in Sand Point, Alaska" etc  | W/Fpks     | 0911       | 19/10       | mah        |
| 830        | WCRN            | Worcester MA; "The Jerry Doyle Show" as per schedule, Chat Show (no longer True Oldies) "Great Talk 8-30 WCRN" later; also daytimer, 2150 23/10  | W/F        | 0519       | 21/9        | PC         |
| 830        | WCRN            | Worcester MA; ads for Worcester insert during talk show from Las Vegas   | F/G        | 0703       | 13/10       | PL         |
| 830        | WCRN            | Worcester MA; ads, "WCRN" jingle, Talk Radio Countdown Show; also W/F 0706 18/10   | F/G        | 0907       | 20/10       | mah        |
| 830        | YVLT            | Radio Sensación, Caracas; "Es la 1 y 48 minutos...Atención. La buena suerte. Esta con Radio Sensación"   | F          | 0548       | 21/9        | PC         |
| 830        | YVLT            | R Sensación, Caracas; SS anns, ID  | Fpks       | 0645       | 27/9        | mah        |
| 840        | WHAS            | Louisville KY; "on line at whas.com and on the air in high definition digital" ... WHAS jingle...."it's now 3 o'clock on News Radio 84 WHAS"   | W/F        | 0701       | 9/10        | PC         |
| 840        | WHAS            | Louisville KY; storm centre wx forecast and ID   | G          | 0605       | 10/10       | PL         |
| 840        | WHAS            | Louisville KY; "News Radio 84 WHAS"  | W/F        | 0733       | 10/10       | mah        |
| 840        | WHAS            | Louisville KY; "News Radio 84" (very rare here)  | W          | 0638       | 12/10       | SW         |
| 840        | CMHW            | Doblevé, Santa Clara; SS, Cuban popular mx   | W          | 0355       | 26/9        | Rha        |
| 840        | CMHW            | Doblevé, Santa Clara (presumed); light Latin mx, think I caught a "Doblevé" ID; over WHAS  | G          | 0638       | 10/10       | PL         |
| 840        | 4VEH            | Cap Haitien, Haïti (tentative); serious FF tlk appearing from time to time; unusual here, since the channel is normally dominated by Cuba when the band is open to the Caribbean; quite a mix on the channel today | Fpks       | 0811       | 20/10       | mah        |

| kHz | Callsign | Station, location; details heard etc   | SIO    | UTC  | Date  | Who |
|-----|----------|--|--------|------|-------|-----|
| 840 | HIAB     | R Isabel de Torres, Puerto Plata (tentative); SS anns "... república Dominicana ..."; xf music from presumed CMHW; unfortunately not recorded, so unable to check for more detail  | Fpk    | 0830 | 20/10 | mah |
| 840 | UNID     | I guess it was a US-station, still playing oldies; only on 315°; I didn't catch an ID; and I must go to work! WHAS was this time not audible   | W/Fpks | 0353 | 11/10 | Rha |
| 846 |          | Kenya BC; songs  | G      | 0225 | 21/10 | BOC |
| 846 |          | AIR Ahmedabad, India; Indian mx // 585.918 kHz   | F      | 1721 | 15/10 | chm |
| 850 | WEEI     | Boston MA; sports talk & "Sports radio WEEI" ID  | W      | 0556 | 3/10  | BD  |
| 850 | WEEI     | Boston MA; ID heard in phone in show   | F      | 0506 | 4/10  | JF  |
| 850 | WEEI     | Boston MA; Fox Sports  | G      | 0622 | 5/10  | PL  |
| 850 | WEEI     | Boston MA; "...here on Sports Radio 8-50, WEEI"  | W/F    | 2332 | 6/10  | PC  |
| 850 | WEEI     | Boston MA; sports reporting – "This is Sports Radio 8-50 WEEI in Boston" ID  | F      | 0201 | 21/10 | AB  |
| 850 | YVZC     | R Fé y Alegría, Maracaibo; LA mx, SS ID "... en Fé y Alegría, la 8-50"   |        | 0656 | 14/10 | mah |
| 850 | UNID     | Fox Sports 877-99-ON-FOX   | F      | 0640 | 13/10 | SW  |
| 860 | CHAK     | Inuvik NT; CBC News ongoing to past 1011   | Wpks   | 1003 | 19/10 | mah |
| 870 | WWL      | New Orleans LA; phone in show "Bob Dickin ? show on WWL 8-70 ID  | F      | 0242 | 4/10  | JF  |
| 870 | WWL      | New Orleans LA; phone in show, "Jim, thanks for calling WWL"   | F      | 0425 | 5/10  | AB  |
| 870 | WWL      | New Orleans LA; ID "This is WWL 8-70 New Orleans - The Big One now"  | W/Fpks | 0500 | 7/10  | Rha |
| 870 | WWL      | New Orleans LA; C2C "Full Moon Friday" than "WWL AM 8-70" ID   | F/G    | 0558 | 7/10  | PC  |
| 870 | WWL      | New Orleans LA; OM with station web site details "wwl.com" - details repeated 3 times!   | W      | 0632 | 23/10 | JW  |
| 880 | WCBS     | New York NY; WCBS ID in talk   | W      | 0643 | 3/10  | PC  |
| 880 | WCBS     | New York NY; NYC advert and "WCBS news-time 2-18"  | F      | 0618 | 4/10  | SW  |
| 880 | WCBS     | New York NY; news listening on 8-80; also W/F 0445 29/9  | W/F    | 0440 | 9/10  | Rha |
| 880 | WCBS     | New York NY; rolling news, just getting past local 873 and Wales 882   | F      | 0655 | 9/10  | PL  |
| 882 |          | AIR Imphal, India; Indian mx xd TWR  | F      | 1632 | 15/10 | chm |
| 882 | JO--     | UNID; JJ? talk   | F      | 1542 | 21/10 | chm |
| 882 |          | <b>TWR Puttalam, Sri Lanka</b> ; EE, YL anns, rel-px; also hrd 1615 23/10 with ID "Radio Vishva Vani"  | G      | 1644 | 15/10 | chm |
| 890 | WLS      | Chicago IL; ads and ID   | F/G    | 0713 | 9/10  | PL  |
| 890 | WAMG     | Dedham MA; ESPN Radio  | F      | 0604 | 7/10  | PC  |
| 890 | WAMG     | Dedham MA ESPN, struggling past locals; good 0622 12/10  | F      | 0518 | 10/10 | PL  |
| 890 | WAMG     | Dedham MA; ESPN sports talk  | W      | 0625 | 11/10 | BD  |
| 890 | WAMG     | Dedham MA (presumed); ads, "8-90 ESPN", ESPN Radio   | W/F    | 0721 | 19/10 | mah |
| 890 | CM--     | Radio Progreso, 2 sites listed; unusually for me a proper "Radio Progreso de La Habana" ID   | G      | 0327 | 1/10  | AB  |
| 890 | CM--     | 2 sites listed, Cuba; "Desde Venezuela, Rosa María Roque, Conrado Rodríguez y Elsy Tere Cruz, Sistema Informativo de la Televisión Cubana"; then, Cuban-accented man inviting listeners to a "Mesa redonda", roundtable discussion. Which means that this was Cuba with the soundtrack from a local TV channel. (Thanks, Henrik) | Exc    | 0605 | 3/10  | SW  |

| kHz | Call sign   | Station, location; details heard etc   | SIO  | UTC  | Date  | Who |
|-----|-------------|--|------|------|-------|-----|
| 890 | CM--        | Radio Progreso, 2 sites listed; I just caught last part of announcement at toth "..... desde La Habana, Cuba"; also 0719 21/10 //webcast   | W/F  | 2300 | 8/10  | PC  |
| 890 | CM--        | R Progreso, 2 sites listed; OM in talk, loud; regular  | G    | 0456 | 10/10 | PL  |
| 890 | CM--        | Radio Progreso, 2 sites listed; speeches and comment abt Cuba  | F    | 0629 | 11/10 | BD  |
| 891 |             | Ninxia RGD, China (tentative); CC adv  | F    | 1537 | 12/10 | chm |
| 900 | CMKP        | R Progreso, Cacocum; SS talk & Cuban px  | W/F  | 0520 | 29/9  | Rha |
| 900 | CMKP        | R Progreso, Cacocum; Latin mx // 890, amid several stations  | F    | 0610 | 10/10 | PL  |
| 900 | CMKP        | Radio Progreso, Cacocum; melancholy mx & OM with "Radio Progreso" ID   | W/F  | 0630 | 18/10 | BD  |
| 900 | CMKP        | R Progreso, Cacocum; upbeat SS song // webcast (under presumed YVMD)   | W    | 0712 | 21/10 | PC  |
| 900 | XEW         | México DF; OM mentions of Mexico, a bus crash, and reference to prog name ""Los Amos del Camino" huge signal, thought it was European at first                                     | vG   | 0632 | 6/10  | PL  |
| 900 | <b>XEWB</b> | <b>Veracruz</b> ; OM in talk with mentions of Mexico // behind XEW delay in signal; <b>UK FIRST, perhaps? - mah</b>  | F/G  | 0632 | 6/10  | PL  |
| 900 | YVMD        | R Mara Ritmo 900, Maracaibo; "Mara Ritmo 900" ID; announcement over music  | W/F  | 0608 | 23/9  | PC  |
| 900 | YVMD        | Radio Venezuela, Maracaibo; "Venezuela Mara Ritmo presenta" ID & disco romantico   | W/F  | 0605 | 24/9  | BD  |
| 918 |             | Syria, 1 <sup>st</sup> programme, Al Hassake; AA tlk mention Damascus  | F    | 1650 | 7/10  | HP  |
| 918 |             | AIR Suragarh, India; Indian mx // 585.792 kHz  | G    | 1632 | 15/10 | chm |
| 920 | WHJJ        | Providence RI; "Talk Radio 9-20 WHJJ" IDs in CJCH fade   | Fpks | 0559 | 5/10  | mah |
| 920 | WHJJ        | Providence RI; "Newstalk Radio ? WHJJ Providence", followed by news including the sentencing of the Enron CEO  | F    | 0300 | 24/10 | AB  |
| 920 | CFRY        | Portage La Prairie MB; wx, "CFRY" jingle, country  | F/G  | 0643 | 10/10 | mah |
| 920 | CJCH        | Halifax NS; advertisement for window company, "... now on both sides of the Bay, Metro Windows and Doors, (6040) Almon Street, Halifax." (their other premises being in Dartmouth) | F    | 0553 | 22/9  | AB  |
| 920 | CJCH        | Halifax, NS; "This is AM 9-20 CJCH"  | W    | 2222 | 26/9  | PC  |
| 920 | CJCH        | Halifax NS; Honda car spot, "CJCH" jingle & talk show  | W    | 0553 | 29/9  | BD  |
| 920 | CJCH        | Halifax NS; ads, music "AM 92 CJCH" and weather  | F    | 0606 | 4/10  | SW  |
| 920 | CJCH        | Halifax NS; news and ads.  | G    | 0504 | 10/10 | PL  |
| 920 | UNID        | Not CJCH; talk programme about ghosts – sounding like C2C  | F    | 0639 | 16/10 | SW  |
| 930 | WBEN        | Buffalo; NY; mixing with CJYQ, end of news, clear ID   | F    | 0006 | 7/10  | PL  |
| 930 | CJYQ        | St John's NL; Pubic Service Announcement "A Message from Safe Work Newfoundland and Labrador"  | F    | 2247 | 20/9  | PC  |
| 930 | CJYQ        | St John's NL; Gaelic folk music and ID as Radio Newfoundland; + weather & ads; still carries Back to the Bible at 2115 12/10   | F    | 2128 | 28/9  | SW  |
| 930 | CJYQ        | St John's NL; Ontario v Newfoundland sports commentary   | F    | 2140 | 8/10  | BD  |
| 930 | CJYQ        | St John's NL; folk music programme   | F    | 2145 | 22/10 | JW  |
| 930 | CX20        | Radio Montecarlo, Montevideo; songs  | F    | 0025 | 24/10 | BOC |
| 940 | WINZ        | Miami FL; "AM 9-40 South Florida's Progressive Talk"   | W    | 0646 | 23/10 | PC  |
| 940 | CINW        | Montreal QC; "You're listening to the New 9-40 Montreal"   | W    | 0100 | 5/10  | PC  |
| 940 | CINW        | Montreal QC; talk, sounded like C2C  | G    | 0608 | 6/10  | PL  |
| 945 |             | CNR1, various sites, China; CC // 981...   | W    | 1703 | 7/10  | chm |

| kHz | Callsign | Station, location; details heard etc   | SIO    | UTC  | Date  | Who |
|-----|----------|--|--------|------|-------|-----|
| 950 | WROL     | Boston MA; promos by OM "... 9.57 on AM 9-50 WROL Boston" and mentioning "Voice of Understanding"; tnx to SW and AB for checking the clip; on top of the mix; I believe this one was <b>last reported in the UK pre-1965</b> | W      | 0517 | 9/10  | mah |
| 950 | CFAM     | Altona MB; wx, "Now more Classics 'til Dawn on CFAM Radio 9-50"  | F/G    | 0642 | 10/10 | mah |
| 950 | CKNB     | Campbellton NB; rock mx station & OM with "95 CKNB" ID   | W/F    | 0601 | 28/9  | BD  |
| 950 | CKNB     | Campbellton NB; "95 - CKNB" down in mix, ID then pop; also Good 0554 10/10 and most mornings.  | F      | 0005 | 7/10  | PL  |
| 950 | CKNB     | Campbellton NB; "You're in the middle of a more music hour, a better variety 95 CKNB"  | G      | 2245 | 8/10  | SW  |
| 950 | CKNB     | Campellton NB(pres); soft pop music programme  | W/Fpks | 0349 | 11/10 | Rha |
| 950 | CHER     | Sydney NS; "Classic Hits of the 60s, 70s and 80s" and "Max 9-50"   | W      | 2232 | 26/9  | PC  |
| 950 | CHER     | Sydney NS; ID "Welcome to the home of Cape Breton's favourites of the 60s, 70s and 80s, Max 9-50"  | Fpks   | 0531 | 9/10  | mah |
| 950 | CM--     | Radio Reloj, 2 sites listed; SS talk tip pips and morse RR   | F      | 0615 | 3/10  | SW  |
| 950 | CM--     | R Reloj, 2 sites listed; usual SS rolling news, "Radio Reloj" ID   | Fpks   | 0550 | 9/10  | mah |
| 950 | CM--     | R Reloj, La Habana; usual rolling news, IDs, pips, "RR"  | F/G    | 0850 | 18/10 | mah |
| 950 | CM--     | R Reloj, Mayarí Arriba; underneath La Habana; same programming and a fraction of a second later, particularly noticeable during the "RR"   | W      | 0850 | 18/10 | mah |
| 950 | CM--     | R Reloj, 2 sites listed; "Radio Reloj" ID heard twice; rolling news with mentions of Cuba  | W      | 0720 | 21/10 | PC  |
| 950 | LR3      | La 950, Buenos Aires; talks  | G      | 0033 | 24/10 | BOC |
| 950 | UNID     | Classic hits & Oldies - presumed CHER  | W/Fpks | 0510 | 7/10  | Rha |
| 960 | WEAV     | Plattsburgh NY; "The Zone 96.7 FM, 9-60 AM. On the web at thezonefm.com. The Champlain(?) Valley News and Newstalk 9-60 AM"  | W      | 0606 | 7/10  | PC  |
| 960 | CFAC     | Calgary AB; ESPN Radio; caught partial ID at 0800 "... 9-60 AM Calgary"  | F/Gpks | 0735 | 10/10 | mah |
| 960 | CHNS     | Halifax NS; still simulcasting FM with rock mx & "89-9 Hal FM" ID  | F      | 0604 | 28/9  | BD  |
| 960 | CHNS     | Halifax, NS; "Classic Rock 89-9 Hal FM"  | F      | 0607 | 3/10  | PC  |
| 960 | CHNS     | Halifax NS; some rock on "Classic Rock 89.9 Hal FM"  | W      | 0506 | 7/10  | Rha |
| 960 | CHNS     | Halifax NS; "Nova Scotia has a new home ... Hal 89.9 FM"; relay of their FM station  | W      | 0612 | 8/10  | JF  |
| 960 | CHNS     | Halifax NS; still there with "Nova Scotia has a new home for pure classic rock - 89-9 Hal FM"  | F/G    | 0851 | 8/10  | mah |
| 960 | CHNS     | Halifax NS; "HAL 89.9 on the web" ID for new FM station  | G      | 0544 | 12/10 | PL  |
| 960 | CHNS     | Halifax NS; still on air; "Nova Scotia's new home for pure classic rock 89.9 HAL-FM" music by Tom Petty, Eagles, AC/DC etc   | F      | 0621 | 12/10 | SW  |
| 960 | CMDJ     | Radio Reloj, Guantanamo; "Radio ??, 12 y 3 minutos" followed by 'RR' Morse ID. News with mentions of Cuba. The word following 'Radio' did not sound like 'Reloj'   | W      | 0403 | 2/10  | PC  |
| 960 | CMDJ     | R.Reloj, Guantanamo; likely, usual pips in mix of signals  | F      | 0658 | 11/10 | PL  |
| 960 | YV--     | R Venezuela, Acarigua; SS anns, ID "Venezuela 6-80 ...";   | W      | 0710 | 25/9  | mah |

| <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> |
|------------|-----------------|---|------------|------------|-------------|------------|
| 970        | KFBX            | Fairbanks AK; talk noted at about 0956 on the 340° beverage; vvW ID as “News Radio 9-70 KFBX” and ABC News; KFBX weather at 1006; in and out of the noise, on what is a very quiet channel here; also F/G 0933 19/10, Fpks 1000 20/10 | Fpks       | 1000       | 18/10       | mah        |
| 970        | WFLA            | Tampa FL; weak “WFLA” IDs under WZAN  | W          | 0606       | 5/10        | PC         |
| 970        | WFLA            | Tampa FL; ID, and then into C2C; dominant but later mixing WZAN   | G          | 0606       | 11/10       | PL         |
| 970        | WFLA            | Tampa FL; ads, IDs “... with 970wfla.com” and “This is Fox News Radio 9-70 WFLA Tampa Bay”  | W/F        | 0900       | 18/10       | mah        |
| 970        | WZAN            | Portland ME; spots, programme promo "on 9-70 WZAN" & Open phone talk show   | F          | 0529       | 20/9        | BD         |
| 970        | WZAN            | Portland ME; tele talk show   | W/F        | 0558       | 28/9        | BD         |
| 970        | WZAN            | Portland ME; at TOH “this is 9-70 WZAN” followed by CNN nx; the ID sounded distorted in comparison with the CNN audio   | F          | 0600       | 28/9        | AB         |
| 970        | WZAN            | Portland ME; “9-70 WZAN” ID   | W/F        | 0106       | 5/10        | PC         |
| 970        | WZAN            | Portland ME; “9-70 WGAN” IDs, talk  | F          | 0546       | 7/10        | JF         |
| 970        | WZAN            | Portland ME; ID for the "John and Jeff" show  | G          | 0646       | 10/10       | PL         |
| 970        | WZAN            | Portland ME; promo/ID “... every day on 9-70 WZAN”  | F          | 0852       | 18/10       | mah        |
| 970        | WDAY            | Fargo ND; “AM 9-70 WDAY Fargo Moorhead USA”   | W/F        | 0630       | 10/10       | mah        |
| 970        | UNID            | Fox Sports call 877-99-ON-FOX; welcoming WKNR Cleveland to the Fox Sports Network // CFGO 1200  | G          | 0618       | 9/10        | SW         |
| 972        |                 | IRIB Regional Ilam, Iran; local Farsi songs, no anns  | F/G        | 0440       | 21/9        | Rha        |
| 972        |                 | VoA, Orzu, Tadjikistan; Urdu, “Voice of America”, “...VoA.com”  | G          | 1517       | 22/10       | chm        |
| 980        | WHSR            | Pompano Beach, FL; (tent) FF talk   | W          | 0207       | 6/10        | PC         |
| 980        | WHSR            | Pompano Beach FL (presumed); although mainly in the clear in Creole from 0555 to 0605, I didn't catch an EE ID, only a mention of “West Palm Beach” and several “Radio Haïti Amérique Internationale” IDs heard around 0557           | W/F        | 0557       | 9/10        | mah        |
| 980        | ZYH707          | R Nacional, Brasília; news  | F          | 0055       | 24/10       | BOC        |
| 981        |                 | RTA Alger, Algeria; news in Arabic and French   | 444        | 2300       | 20/10       | FW         |
| 981        |                 | CNR 1, various sites; // SW w echo effect   | F/G        | 1631       | 6/10        | chm        |
| 981        |                 | AIR Rajpur, India; Indian mx // 585 kHz   | F          | 1650       | 15/10       | chm        |
| 990        | CKGM            | Montreal QC; sports talk, Canadian accented presenter, talking about Montreal sport (above CBY)   | F          | 0611       | 7/10        | PC         |
| 1000       | WMPV            | Chicago IL; “Sports Talk” live (presumably recorded) sports commentary and “ESPN Radio”   | W          | 0609       | 6/10        | JW         |
| 1000       | WMVP            | Chicago IL; ESPN sports; good signals later   | W/F        | 0507       | 10/10       | PL         |
| 1000       | WMVP            | Chicago IL; poor “ESPN 1000” ID   | Fpks       | 0603       | 10/10       | mah        |
| 1000       | WMVP            | Chicago IL; ESPN sports talk  | W/F        | 0633       | 10/10       | BD         |
| 1000       | WMVP            | Chicago IL; ESPN Radio sports news and advertisement at 0619 for a Chicago car dealership.  | G          | 0603       | 12/10       | AB         |
| 1000       | WMVP            | Chicago IL; ESPN sports   | F          | 0640       | 12/10       | PC         |
| 1000       | <b>KOMO</b>     | <b>Seattle WA</b> ; "Komo 1000" ID, spots & Seattle traffic report; may be not such a bell weather station in Carlisle with nothing on 1130 or 1470 and no Chicago stations heard   | W/F        | 0542       | 28/9        | BD         |
| 1000       | <b>KOMO</b>     | <b>Seattle WA</b> ; “KOMO 1000 News time 10.18 .....Weather ...KOMO forecast”   | W          | 0518       | 29/9        | PC         |
| 1000       | <b>KOMO</b>     | <b>Seattle WA</b> ; “Komo 1000 News time ...”; also 0505 on Fpks; also W/Fpks 0608 5/10, W/Fpks 0454 6/10   | Wpks       | 0457       | 10/10       | mah        |



| <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> |
|------------|-----------------|---|------------|------------|-------------|------------|
| 1000       | XEOY            | México DF; "Continuamos ...México...en Radio Mil. Viva México!" Jingle mentioning Radio Mil   | F          | 0640       | 30/9        | PC         |
| 1000       | XEOY            | Radio Mil, México City; music followed by promotional announcement (de vale de Mil) ending with <a href="http://www.radiomil.com.mx">www.radiomil.com.mx</a> web address. | F          | 0555       | 6/10        | AB         |
| 1000       | XEOY            | Radio Mil, Mexico City; OM/YL talk format & Radio Mil jingle  | F          | 0558       | 7/10        | BD         |
| 1000       | UNID            | SS tlk, lots of references to "La República Dominicana"   | F          | 0523       | 20/9        | mah        |
| 1000       | ZYK522          | Rádio Record, São Paulo; PP "AM 1000 kHz, Onda Corta 31 e W/F 49 metros" "Rádio Record" sung ID   | W/F        | 0604       | 24/9        | PC         |
| 1010       | WINS            | New York NY; "This is 10-10 Wins, New York's one and only W/F all news station. If you want to set your clock, Wins news time at the tone will be exactly 1.30"           | W/F        | 0530       | 23/9        | PC         |
| 1010       | WINS            | New York NY; "10-10 WINS" in the mix.   | F          | 0551       | 27/9        | AB         |
| 1010       | WINS            | New York NY; "10-10 Wins weather"   | F/G        | 0535       | 28/9        | BD         |
| 1010       | WINS            | New York NY; "Wins newstime 7:43"; rolling news   | F          | 2343       | 1/10        | JF         |
| 1010       | WINS            | New York NY; ID traffic; many nights in October   | F          | 0617       | 4/10        | SW         |
| 1010       | WINS            | New York NY; WINS ID heard (Over CFRB) New York   | W          | 0558       | 6/10        | JW         |
| 1010       | WINS            | New York NY; ID, rolling news   | G          | 0610       | 6/10        | PL         |
| 1010       | CBR             | Calgary AB (presumed); // 740 kHz   | Gpks       | 0713       | 10/10       | mah        |
| 1010       | CFRB            | Toronto ON; "You're listening to the Nightside with Mark Elliot on News Talk 10-10 CFRB"  | G          | 0351       | 29/9        | AB         |
| 1010       | CFRB            | Toronto ON; "CFRB" ID below WINS  | W          | 0645       | 5/10        | PC         |
| 1010       | CFRB            | Toronto ON; talk in mix with NY   | F          | 0610       | 6/10        | PL         |
| 1010       | CFRB            | Toronto ON; dominating WINS; ad break, ID "Contact us at 1-800-561-CFRB"  | G          | 0538       | 10/10       | JF         |
| 1010       | CFRB            | Toronto ON; talk about Iraq; phone callers "Newstalk 10-10" no sign of WINS at this time  | Exc        | 2322       | 12/10       | SW         |
| 1010       | CFRW            | Toronto ON; ID "CFRW weather" then Sports highlights, followed by TC "It's 2.01"  | F          | 0601       | 15/10       | JW         |
| 1020       | KDKA            | Pittsburgh PA; "News Radio 10-20 KDKA"  | W/F        | 0431       | 6/10        | PC         |
| 1020       | KDKA            | Pittsburgh PA; own tele-talk show   | W          | 0631       | 7/10        | BD         |
| 1020       | KDKA            | Pittsburgh PA; YL talk show. "The voice of Pittsburgh - 1020 KDKA"; also good 0624 13/10  | F/G        | 0639       | 9/10        | PL         |
| 1020       | KDKA            | Pittsburgh PA; "News Radio 10-20 KDKA Pittsburgh's most dependable, for the new ... forecast" (wx followed).  | F          | 0306       | 12/10       | AB         |
| 1020       | KDKA            | Pittsburgh PA (presumed); plenty of talking   | W          | 0636       | 23/10       | JW         |
| 1020       | YVMX            | R Continente, Maracaibo; SS ID "Radio Continente, 5-90 AM ... Continente, para toda Venezuela"; also W/F 0649 17/10   | F/G        | 0504       | 4/10        | mah        |
| 1020       | YVMX            | Radio Continente, Maracaibo; MOR SS songs, spots, "Radio Continente" jingle & TC  | W/F        | 0621       | 7/10        | BD         |
| 1030       | WBZ             | Boston MA; "This is WBZ News Radio 10-30"   | W/F        | 2312       | 21/9        | mah        |
| 1030       | WBZ             | Boston MA; "It's 1233 on WBZ" followed by weather forecast.   | W          | 0433       | 27/9        | AB         |
| 1030       | WBZ             | Boston MA; extended WBZ Accuweather forecast (rare)   | G          | 0607       | 4/10        | SW         |
| 1030       | WBZ             | Boston MA; news with mention of 'WBZ' (Personal First!! with 1035 West Sound just a couple of miles from here).   | W          | 0301       | 6/10        | PC         |
| 1030       | WBZ             | Boston MA; ID, ad for eatonapothecary.com, best signal I've ever had from this one  | vG         | 0638       | 9/10        | PL         |
| 1030       | LS10            | AM del Plata, Buenos Aires; sport   | G          | 0310       | 19/10       | BOC        |
| 1040       | WHO             | Des Moines IA; "Newsradio 10-40, WHO" OM with ID  | F          | 0052       | 11/10       | PL         |

| <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> |
|------------|-----------------|---|------------|------------|-------------|------------|
| 1040       | CKST            | Vancouver BC; sports, "The Team 10-40" ID   | W          | 0604       | 6/10        | mah        |
| 1040       | CJMS            | St Constant QC (presumed); OM in FF talk  | F          | 0637       | 9/10        | PL         |
| 1040       | ZYK537          | Radio Capital, São Paulo; talks   | F          | 0015       | 24/10       | BOC        |
| 1050       | WEPN            | New York NY; "This is the ESPN Radio Network's Talk of New York"  | F          | 0638       | 27/9        | PC         |
| 1050       | WEPN            | New York NY; "10-50 ESPN Radio" among sports reports  | W          | 0521       | 28/9        | AB         |
| 1050       | WEPN            | New York NY; getting in at the side of 5Live with usual ESPN sports reports   | F          | 0004       | 30/9        | JF         |
| 1050       | WEPN            | New York NY; ESPN talk show   | F          | 0632       | 7/10        | BD         |
| 1050       | WEPN            | New York NY (pres); sports talk show  | F          | 0620       | 9/10        | SW         |
| 1050       | WEPN            | New York NY; sports talk and ESPN Radio News  | F          | 0540       | 12/10       | JWe        |
| 1050       | CHUM            | Toronto ON; oldies, mixing WEPN   | G          | 0755       | 5/10        | PL         |
| 1060       | WBIX            | Natick MA; business/money talk then "This program is brought to you by WBIX...The Boston Herald"  | F          | 2300       | 28/9        | PC         |
| 1060       | WBIX            | Natick MA; "This is AM 10-60 WBIX"; no sign of WLNO   | W/P        | 0000       | 30/9        | mah        |
| 1060       | WBIX            | Natick MA; talk about employment in south Boston  | F/G        | 0051       | 6/10        | PL         |
| 1060       | XEEP            | R Educación, Mexico City; Spanish talk and phone in. Thanks to Henrik Klemetz for help with this. Almost certainly XEEP - Mentioning an internet blogsite called lacoctelera/?/.com with recipes for drinks! and then there is word of a commentary by Fernando Mejía Barquera /name mentioned by YL who is a fairly well known Mexican media specialist. | F          | 0246       | 4/10        | JF         |
| 1060       | XEEP            | México DF; jazz // 6185 kHz, very good signal   | vG         | 0616       | 6/10        | PL         |
| 1060       | UNID            | Start of programme, "from the NAC(?) studios at Long Island, New York ... and now here is your host, Mr Johnathon Green."   | F          | 0003       | 30/9        | JF         |
| 1070       | KNX             | Los Angeles CA; sports news, "KNX 10-70"; xf CBA  | Fpks       | 0614       | 6/10        | mah        |
| 1070       | CBA             | Moncton NB; "You're listening to Northern Lights on CBC Radio 1 and 2   | F          | 0315       | 19/9        | PC         |
| 1070       | CBA             | Moncton NB; CBC o/n talk px   | F/G        | 0538       | 22/9        | BD         |
| 1070       | CBA             | Moncton NB; discussion about tobacco growing // 1140 kHz  | F          | 0540       | 22/9        | AB         |
| 1070       | CBA             | Moncton NB; wx report   | G          | 2304       | 5/10        | PL         |
| 1070       | CBA             | Moncton NB; YL "CBC Radio One" then OM Here is the CBC hourly news"   | G          | 0600       | 6/10        | JW         |
| 1070       | CBA             | Moncton NB; Regional weather forecast for maritime provinces "CBC Radio 1" //640, 1140  | G          | 2230       | 15/10       | SW         |
| 1070       | HJCG            | Radio Santa Fé, SF de Bogotá; "Radio Santa Fé" ID in middle of a musical piece  | W          | 0541       | 19/9        | PC         |
| 1070       | HJCG            | R Santa Fé, SF de Bogotá; LA mx, ID "Radio Santa Fé" noted in the mix   | W/Fpks     | 0722       | 22/10       | mah        |
| 1080       |                 | VOIRI, Mahshahr, Iran; Arabic talk about Lebanon through toth then martial music. Frequent mentions of Teheran. Dominant at times   | G          | 1700       | 24/10       | PL         |
| 1080       | KUDO            | Anchorage AK (presumed); strong anti-Bush speech noted at 1042, at good level for 3 minutes, then faded into the noise as the ad-break approached; reappeared at 1053 peaking to fair; at 1058 "Air America Radio", then faded again and very weak / poor tentative "KUDO" noted just before the toth   | Gpk        | 1042       | 20/10       | mah        |
| 1080       | WTIC            | Hartford CT; weather forecast, "I'm meteorologist Bob Coss ... WTIC ... forecast", followed by CCR 'Bad Moon Rising'  | G          | 0605       | 27/9        | AB         |
| 1080       | WTIC            | Hartford CT; Coast to Coast show with some phone-in   | W/F        | 0553       | 29/9        | Rha        |

| kHz    | Callsign    | Station, location; details heard etc  | SIO    | UTC  | Date  | Who |
|--------|-------------|---|--------|------|-------|-----|
| 1080   | WTIC        | Hartford CT; C2C with second station underneath.  | G      | 0657 | 6/10  | PL  |
| 1080   | WTIC        | Hartford CT; "WTIC" heard, briefly above Spain  | W      | 2337 | 6/10  | PC  |
| 1080   | WTIC        | Hartford CT; programme promo "WTIC news-team" & C2C talk show   | W/F    | 0634 | 7/10  | BD  |
| 1080   | WTIC        | Hartford CT; news bulletin in break from Coast to Coast   | Exc    | 0631 | 12/10 | SW  |
| 1080   | WTIC        | Hartford CT (presumed); ads then into C2C // 1100 kHz   | W      | 0638 | 23/10 | JW  |
| 1080   | <b>CMCH</b> | <b>R Cadena Habana, Guines</b> ; YL in talk, Latin mx, lots of mentions of Habana // 1100, 1120, mixing WTIC; <b>UK FIRST</b>                                 | F      | 0654 | 6/10  | PL  |
| 1090   | WBAL        | Baltimore MD; "This is AM 10 -90 WBAL Baltimore"  | G      | 0630 | 7/10  | PL  |
| 1098   | BED97       | RTI, Kouhu, Taiwan; CC "R-T-I" ID, s/off 1800   | Exc    | 1600 | 12/10 | chm |
| 1098   | UNID        | Chinese talk also with strong het from 1099.9kHz carrier  | Fpks   | 1634 | 20/10 | SW  |
| 1099.9 | UNID        | Carrier putting big het on 1098 at 1630. Also strong at 2200 utc I can't get any audio from this. Direction is Easterly                                       | Fpks   | 2200 | 21/10 | SW  |
| 1100   | WTAM        | Cleveland OH; C2C talk show   | F      | 0635 | 7/10  | BD  |
| 1100   | WTAM        | Cleveland OH; "Fox News Radio", ad for the Hemorrhoid Relief Center in Cleveland; "Newsradio WTAM" ID   | F      | 0630 | 10/10 | JF  |
| 1100   | WTAM        | Cleveland OH (pres); Coast to Coast talking about fallen angels   | F/G    | 0649 | 10/10 | PC  |
| 1100   | WTAM        | Cleveland OH; Fox News Radio, then later "News Radio WTAM eleven-hundred"   | W      | 0703 | 10/10 | AB  |
| 1100   | WTAM        | Cleveland OH; "WTAM" "Newsradio"  | Fpk    | 0630 | 12/10 | SW  |
| 1100   | WTAM        | Cleveland OH; "ads, "Newsradio ... WTAM" then into C2C  | W      | 0633 | 23/10 | JW  |
| 1100   | <b>CMCH</b> | <b>R Cadena Habana, La Habana</b> ; YL in talk, Latin mx, lots of mentions of Habana // 1080, 1120, in clear good peaks                                       | G      | 0654 | 6/10  | PL  |
| 1100   | ZYK694      | Rádio Globo, São Paulo; brief peak with football commentary //W webcast   |        | 2231 | 8/10  | PC  |
| 1110   | WBT         | Charlotte NC; ID "wbt.com" and "News Talk 11-10 ..."  | F      | 0706 | 29/9  | mah |
| 1110   | WBT         | Charlotte NC; news items fading in and out; at TOH very faint "News Talk 11-10 WBT" then shortly after ref to wbt.com; same ID heard more clearly 0001 23/10. | W/Fpks | 0400 | 3/10  | AB  |
| 1110   | WBT         | Charlotte NC; C2C Talking abt woman disappearing in elevator  | F/G    | 0618 | 7/10  | PC  |
| 1110   | WBT         | Charlotte NC; lots of IDs and weather, then back into C2C; "I'm Bob Larsson on 1110 WBT"  | vG     | 0705 | 7/10  | PL  |
| 1110   | WBT         | Charlotte NC; C2C talk show // 1180 kHz   | W/F    | 0657 | 11/10 | BD  |
| 1110   | WBT         | Charlotte NC; C2C // 1100 kHz   | W      | 0635 | 23/10 | JW  |
| 1120   | KMOX        | St Louis MO; "KMOX, St Louis, it's 2 o' clock"  | W      | 0700 | 9/10  | PC  |
| 1120   | KMOX        | St Louis MO; "News talk KMOX" ID & KMOX News  | W/F    | 0706 | 10/10 | BD  |
| 1120   | KMOX        | St Louis MO; talk show  | F/G    | 0750 | 10/10 | PL  |
| 1120   | KMOX        | St Louis MO; "That was the news on KMOX"  | W      | 0600 | 12/10 | AB  |
| 1120   | KMOX        | St Louis MO; local phone-in; ID by host   | Fpk    | 0629 | 12/10 | SW  |
| 1120   | <b>CMCH</b> | <b>R Cadena Habana, Artemisa</b> ; YL in talk, Latin mx, lots of mentions of Habana // 1080, 1100, very weak  | W      | 0705 | 6/10  | PL  |
| 1120   | <b>CMCH</b> | <b>R Cadena Habana, Artemisa</b> (presumed); very enjoyable non-stop Cuban mx; occasional instability in the modulation                                       | W/G    | 0823 | 19/10 | mah |
| 1120   | ZYK274      | R Rural, Porto Alegre; PP ID "Rádio Rural ..."  | Fpks   | 0554 | 26/9  | mah |
| 1130   | KWKH        | Shreveport LA; "America's Truckin' Network" show, same level as WBBR  | G      | 0641 | 9/10  | PL  |
| 1130   | KFAN        | Minneapolis MN; full ID "This is the flagship station of The Fan Radio Network AM 11-30 KFAN Minneapolis Saint Paul"  | F/Gpks | 0700 | 10/10 | mah |
| 1130   | KFAN        | Minneapolis MN; "On AM 1130 KFAN" ID and sports talk; same level as WBBR  | G      | 0655 | 12/10 | PL  |

| <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> |
|------------|-----------------|---|------------|------------|-------------|------------|
| 1130       | WBBR            | New York NY; "Bloomberg 11-30-0 traffic and weather"  | F          | 0335       | 19/9        | PC         |
| 1130       | WBBR            | New York NY; business news  | F          | 0531       | 22/9        | BD         |
| 1130       | WBBR            | New York NY; "this is Bloomberg Radio", ads after news  | G          | 2305       | 5/10        | PL         |
| 1130       | WBBR            | New York NY; Bloomberg business news  | W          | 0610       | 13/10       | JWe        |
| 1130       | WBBR            | New York NY; unusually Bloomberg was airing an ice hockey full match commentary of New York Islanders vs Nashville Predators; TOH passed with no ID then, once the match was over at 0222, a very comprehensive ID was given. NYI lost 2-1. | vG         | 0222       | 17/10       | AB         |
| 1130       | WBBR            | New York NY; "Bloomberg 11-3-0" sport   | F          | 0844       | 21/10       | SW         |
| 1130       | CKWX            | Vancouver BC; "News 11-30 time 2:11", then "Time now for Rogers Wireless traffic and weather"; also Fpks 0707 5/10, Gpks 0606 6/10  | W          | 0911       | 20/10       | mah        |
| 1130       | HJVA            | La Vida, SF de Bogotá; SS anns, ID "... La Vida. Escucha Vida AM 1,130"   | Fpks       | 0707       | 26/9        | mah        |
| 1130       | CX30            | RN, Montevideo; "11-30 AM ... de ... radionacional.com.uy"  | Fpks       | 0527       | 24/9        | mah        |
| 1130       | YVRL            | R Ideal, Caracas; SS ID "1,130 ... Radio Ideal"   | Wpks       | 0731       | 26/9        | mah        |
| 1134       |                 | CNR-1, Golmud, Qinghai, China; CC px, ID "Zhongyang Renmin Guangbo Diantai, Zhongguo zhi Sheng"   | F/Gpks     | 1535       | 5/10        | mah        |
| 1134       |                 | CNR1, multiple sites; // SW   | F          | 1540       | 6/10        | chm        |
| 1140       | KSLD            | Soldotna AK; local events "... celebrating Alaska Day", "KSLD Weather Forecast" etc   | Fpk        | 1039       | 20/10       | mah        |
| 1140       | WQBA            | Miami FL; SS tlk, EE/SS ID "This is WQBA 11-40 AM Miami. Esta es WQBA ..."  | Fpks       | 0758       | 22/10       | mah        |
| 1140       | WRVA            | Richmond VA; ID "News Radio 11-40 WRVA ... Richmond's morning news is next - you're on 11-40 WRVA"; xf CBI  | Fpks       | 0834       | 5/10        | mah        |
| 1140       | CHRB            | High River AB; "Insight for Living" Christian ad/promo; programme promo "... on AM 11-40. AM 11-40, southern Alberta's community radio station"   | W/F        | 0716       | 10/10       | mah        |
| 1140       | CBI             | Sydney NS; CBC o/n talk px // 1070 kHz  | W/F        | 0537       | 22/9        | BD         |
| 1140       | CBI             | Sydney NS; // 1070 kHz  | F          | 0540       | 22/9        | AB         |
| 1140       | CBI             | Sydney NS; "You're listening to CBC Radio 1"  | W/F        | 2228       | 28/9        | PC         |
| 1140       | CBI             | Sydney NS; Canadian NA,"CBC Cape Breton" local s/on anns  | Gpks       | 0830       | 5/10        | mah        |
| 1140       | CBI             | Sydney NS; news   | G          | 2303       | 5/10        | PL         |
| 1140       | CBI             | Sydney NS; ID "CBC Radio One"; reports  | W/F        | 0433       | 7/10        | Rha        |
| 1150       | CHGM            | Gaspé QC; light mx, FF anns, ID "CHNC - CHGM"   | W/F        | 0514       | 29/9        | mah        |
| 1150       | CHGM            | Gaspé QC (presumed); with pops // 610 kHz   | W          | 0435       | 4/10        | JF         |
| 1150       | CHGM            | Gaspé QC; pop mx // 610 kHz   | F          | 0446       | 10/10       | PL         |
| 1150       | CHGM            | Gaspé QC; FF news, all I can make out is "...bon soir, CHNC-CHGM ... avec vous...vouz avez des information ... nouvelles"   | F          | 0415       | 24/10       | AB         |
| 1150       | CJRC            | Gatineau QC; OM/YL in talk  | G          | 0446       | 10/10       | PL         |
| 1150       | LT9             | Radio LT9, Santa Fé;  | P          | 0115       | 24/10       | BOC        |
| 1160       | WYLL            | Chicago IL; religious talk finishing with mention of "WYLL"   | W          | 0355       | 10/10       | PC         |
| 1160       | WYLL            | Chicago IL; OM in religious talk; usually a better signal toward dawn; also F/G 0714 12/10  | W          | 0322       | 11/10       | PL         |
| 1160       | WSKW            | Skowhegan ME (pres); ESPN Radio   | W          | 0358       | 10/10       | PC         |
| 1160       | KSL             | Salt Lake City UT; weather report from YL, "Utah's news traffic and weather station - KSL newsradio" First for me !   | F          | 0833       | 10/10       | PL         |
| 1160       | VS3             | Hamilton, Bermuda (presumed); BBC World Service, talk about N. Korea // 9410 kHz; also tentative W 0645 9/10  | W/F        | 0638       | 11/10       | PL         |
| 1160       | UNID            | Oldies station playing "Calendar Girl"  | F          | 0640       | 9/10        | PL         |

| <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> |
|------------|-----------------|--|------------|------------|-------------|------------|
| 1161       |                 | VOIRI, Qasr-e-Shirin, Iran; OM in talk ( presume Kurdish) some mentions of Azerbaijan; in mix but dominant at times                        | F/G        | 1706       | 24/10       | PL         |
| 1170       | DWVA            | VoA Poro Point; "And that's the VoA special English economics report written by..." "Welcome to American musee in VoA special English ..." | Exc        | 1645       | 6/10        | chm        |
| 1170       | DWVA            | VoA Poro Point; Special EE news, 1658 "This is VoA" s/off,   | F/G        | 1638       | 9/10        | HP         |
| 1170       | DWVA            | VoA Poro Point; EE news report about Iran  | F/G        | 1604       | 17/10       | HP         |
| 1170       | WWVA            | Wheeling WV; "America's Trucking Network" and "11-70 WWVA"   | G          | 0641       | 4/10        | PC         |
| 1170       | WWVA            | Wheeling WV; "... just log on to wwva.com"; wx   | G          | 0506       | 8/10        | mah        |
| 1180       | WHAM            | Rochester NY; ID and ad break  | F          | 2321       | 28/9        | SW         |
| 1180       | WHAM            | Rochester NY; "News Radio 1180 WHAM", ads  | G          | 0606       | 6/10        | PL         |
| 1180       | WHAM            | Rochester NY; C2C talk show  | W/F        | 0642       | 7/10        | BD         |
| 1180       | WHAM            | Rochester NY; ad for generator sale at Home Power Systems, then "...Bob Matthews on 50,000 Watts, 11-80, WHAM"                             | Exc        | 0635       | 9/10        | AB         |
| 1180       | WHAM            | Rochester NY (pres); Coast to Coast – 5 secs behind WTAM   | F/G        | 0651       | 10/10       | PC         |
| 1180       | WHAM            | Rochester NY (presumed); C2C // 1100 kHz   | W          | 0638       | 23/10       | JW         |
| 1180       | CM--            | Radio Rebelde, 2 sites listed; bright Cuban rhythms // 5025 kHz  | W/F        | 0521       | 21/9        | BD         |
| 1180       | CM--            | Radio Rebelde 2 sites listed; songs, news  | G          | 0600       | 25/9        | JWe        |
| 1180       | CM--            | Radio Rebelde, two sites listed; SS ballads // 670, 710, 770 kHz   | F          | 0642       | 25/9        | PC         |
| 1180       | CM--            | R Rebelde, 2 sites listed; // 5025 kHz often around UK dawn approximately 50% of days in October   | F          | 2340       | 4/10        | SW         |
| 1180       | CM--            | R Rebelde, 2 sites listed; huge signal, Latin mx and OM in talk  | vG         | 0647       | 6/10        | PL         |
| 1190       | WOWO            | Fort Wayne IN (presumed); Coast to Coast same level as WLIB  | F/G        | 0640       | 12/10       | PL         |
| 1190       | WLIB            | New York NY; "11-90 WLIB" at TOH   | F          | 0600       | 6/10        | AB         |
| 1190       | WLIB            | New York NY; "Your praise and inspiration station, 11-90 WLIB"   | F/G        | 0017       | 11/10       | PC         |
| 1190       | WLIB            | New York NY; "24 hours of praise and inspiration – WLIB"   | W/F        | 0625       | 18/10       | mah        |
| 1190       | WBMJ            | San Juan PR; tuned in to catch partial ID "We are the rock radio network"  | W/F        | 0600       | 25/9        | mah        |
| 1190       | LR9             | Radio América, Buenos Aires; news  | G          | 0304       | 19/10       | BOC        |
| 1200       | WOAI            | San Antonio TX (presumed); Coast to Coast mixing with CFGO   | G          | 0707       | 10/10       | PL         |
| 1200       | CFGO            | Ottawa ON; Fox Sports Radio  | F          | 0643       | 5/10        | PC         |
| 1200       | CFGO            | Ottawa ON; sports coverage, lots of mentions of Ottawa   | G          | 2307       | 5/10        | PL         |
| 1200       | CFGO            | Ottawa ON; sports& CFGO anns; also F 0447 29/9   | F/G        | 0512       | 7/10        | Rha        |
| 1200       | CFGO            | Ottawa ON; Fox sports talk   | W          | 0644       | 7/10        | BD         |
| 1200       | CFGO            | Ottawa ON (pres); promos for Ottawa.com and menswear store advert  | F          | 2309       | 8/10        | SW         |
| 1200       | CFGO            | Ottawa ON; "Sports Radio ... hundred ... sport Ottawa's only ..." (fades interfered!)  | F          | 0703       | 10/10       | AB         |
| 1200       | YVOZ            | R Tiempo; LA mx, SS TC, ID   | Fpks       | 2308       | 22/9        | mah        |
| 1210       | WPHT            | Philadelphia PA; "The Big Talker" followed male/female tlk   | W/Fpks     | 0430       | 7/10        | Rha        |
| 1210       | WPHT            | Philadelphia PA; "The Big Talker" ID and talk  | G          | 0705       | 12/10       | PL         |
| 1210       | VOAR            | Mount Pearl NL; Christian talk // webcast  | W/F        | 2305       | 28/9        | PC         |
| 1210       | VOAR            | Mt Pearl NL; still light music, religious px   | W          | 0525       | 29/9        | Rha        |
| 1210       | VOAR            | Mount Pearl NL; very nice ID on hour " VOAR The Christian Family Radio Network"  | G          | 0600       | 10/10       | PL         |
| 1220       | ZYJ458          | Radio Globo, Rio de Janeiro;   | F          | 0000       | 24/10       | BOC        |



| kHz  | Callsign    | Station, location; details heard etc   | SIO  | UTC  | Date  | Who |
|------|-------------|--|------|------|-------|-----|
| 1230 | WCMC        | Wildwood NJ (pres); talks & standards  | W    | 0450 | 29/9  | Rha |
| 1230 | WCMC        | Wildwood NJ (presumed); NOS, "Timeless – great music and the good life"; xf LA mx  | Wpk  | 0827 | 7/10  | mah |
| 1230 | WCMC        | Wildwood NJ; NOS music "Right here on WCMC"  | W    | 0230 | 22/10 | PC  |
| 1230 | WCMC        | Wildwood NJ (tentative); ABC news then "...here on CMC Radio, John Ness..", or something similar   | Fpks | 0702 | 22/10 | AB  |
| 1230 | <b>WHUC</b> | <b>Hudson NY</b> ; oldies, ads and ID; <b>UK FIRST</b>   | F/G  | 0606 | 12/10 | PL  |
| 1230 | ZYK766      | Radio Atual, São Paulo; Portuguese religious px with announcement & "Atual" ID   | vW   | 0530 | 11/10 | BD  |
| 1230 | UNID        | US news, "... daily news, this is Steve ...", ads; faded   | Wpks | 0902 | 5/10  | mah |
| 1240 | CKIM        | Baie Verte NL; folk music //620 VOCM   | W    | 2128 | 10/10 | PC  |
| 1242 |             | AIR Varanasi, India; EE news   | F    | 1515 | 15/10 | chm |
| 1242 | <b>JOLF</b> | <b>Tokyo</b> ; clearly JJ YL tlk, only 3 min readable  | P/F  | 1633 | 9/10  | HP  |
| 1242 | <b>JOLF</b> | <b>NBS, Nippon Hoso, Tokyo</b> ; JJ, "Nippon Hoso" jingle + IDs, also hrd W/F 1635 7/10, 1521 19/10, 1549 21/10  | Exc  | 1622 | 12/10 | chm |
| 1242 |             | VoV, Thoi Long, Vietnam; Vietnamese, IDs, IS   | G    | 1530 | 12/10 | chm |
| 1250 | <b>WGHB</b> | <b>Farmville NC</b> ; weak but clear ID "Pirate Radio 12-50 WGHB Farmville–Greenville, Pirate Radio 9-30 WDLX Washington, Greenville River"; then Sports Centre; <b>UK FIRST</b> | W    | 0900 | 5/10  | mah |
| 1250 | WEAE        | Pittsburgh PA; ESPN sports talk  | W    | 0636 | 6/10  | BD  |
| 1250 | WEAE        | Pittsburgh PA; "ESPN Radio 12-50" heard under CJYE   | vW   | 0700 | 7/10  | PC  |
| 1250 | CHSM        | Steinbach MB; classical mx // 950 kHz  | F/G  | 0647 | 10/10 | mah |
| 1250 | CJYE        | Oakville ON; Christian mx  | G    | 0558 | 13/10 | PL  |
| 1250 | HCJA        | Capital Radio, Bogotá; SS "Capital Radio, ?? Radio 5 AM" I'm F note sure what is said after 'Capital Radio'  | F    | 0625 | 2/10  | PC  |
| 1260 | WMKI        | Boston MA; still pop mx on R Disney equal under Classic Gold W   | W    | 0548 | 29/9  | Rha |
| 1260 | WMKI        | Boston MA; many "Radio Disney" IDs but not // 1560 or 1650   | F    | 2320 | 6/10  | PC  |
| 1260 | WMKI        | Boston MA; "Radio Disney" ID   | G    | 0658 | 10/10 | PL  |
| 1260 | CKHJ        | Fredericton NB; "Today's Country KHJ"; xd Disney   | Fpk  | 0626 | 7/10  | mah |
| 1270 | WTSN        | Dover NH; ads, wx, promo "... here on WTSN AM 12-70"   | Fpks | 0605 | 7/10  | mah |
| 1270 | WTSN        | Dover NH; ABC News, WTSN Weather & talk show   | W    | 0704 | 11/10 | BD  |
| 1270 | CJCB        | Sydney NS; weather, then jingle "12-70 CJCB"   | W/F  | 0626 | 2/10  | PC  |
| 1270 | CJCB        | Sydney NS; in the clear with back to back country hits, including Shania Twain! // checked for a while with their internet stream  | F    | 0620 | 10/10 | JF  |
| 1280 | WFAU        | Gardiner ME; Fox Sports Radio; small ads for local businesses – Hammond Lumber Company, Midcoast Limo  | F    | 0117 | 23/9  | PC  |
| 1280 | WFAU        | Gardiner ME; sportstalk  | W    | 0436 | 29/9  | Rha |
| 1280 | WFAU        | Gardiner ME; "Fox Sports Radio 12-80" ID; mixing gospel and oldies station; also Latin music in here somewhere!  | F    | 0625 | 10/10 | JF  |
| 1280 | VSBI        | Hamilton, Bermuda; BBN semi-operatic religious singing from YL // webcast  | W    | 2210 | 8/10  | PC  |
| 1280 | VSBI        | Hamilton; "You're listening to BBN on ..."   | W/F  | 2300 | 21/9  | mah |
| 1280 | VSBI        | Hamilton, Bermuda; "Helping you keep your world , this is BBN"   | F    | 0628 | 26/9  | jw  |
| 1280 | VSBI        | BBN Hamilton Bermuda; OM in rlg talk then rlg service, ID later as Bible Broadcasting Network  | F    | 2309 | 8/10  | PL  |
| 1280 | WCMN        | Arecibo PR; "WUNO-AM San Juan"   | Fpk  | 2300 | 21/9  | mah |
| 1280 | WCMN        | Arecibo PR (tent); SS xd VSBI; mention of Puerto Rico  | W    | 2215 | 8/10  | PC  |
| 1280 | ZYJ455      | Rádio Tupi, Rio de Janeiro; "Tupi" IDs just after toth   | W/F  | 2301 | 20/9  | PC  |

| kHz     | Call sign   | Station, location; details heard etc  | SIO    | UTC  | Date  | Who |
|---------|-------------|---|--------|------|-------|-----|
| 1280    | UNID        | Fox National Sports Report // CFGO 1200 kHz   | Fpk    | 0621 | 12/10 | SW  |
| 1287    |             | AIR Panaji A, India; EE YL nx   | F      | 1551 | 15/10 | chm |
| 1290    | WJNO        | West Palm Beach FL; ads, ID "wjno.com streaming now. It's 5 Fpks o'clock at News Radio 12-90 WJNO West Palm Beach"; in mix; also Fpks 0632 5/10   | 5 Fpks | 0900 | 22/10 | mah |
| 1290    | WRNI        | Providence RI; ID "... wrni.org, a service of the WRNI Foundation with support from Boston University, WRNI is Rhode Island's NPR News station" etc; xd WJNO; vW on its own with IDs just before 0900                               | W      | 0800 | 5/10  | mah |
| 1290    | CFRW        | Winnipeg MB; oldies, "CFRW" jingle between tracks   | G      | 0648 | 10/10 | mah |
| 1290    | CJBK        | London ON; C2C with Art Bell, "News Talk 12-90 CJBK"  | Fpks   | 0858 | 8/10  | mah |
| 1290    | YVLF        | Radio Puerto Cabello; SS talk with mention of "Puerto Cabello"  | W/F    | 0253 | 25/9  | PC  |
| 1290    | YVLF        | Radio Puerto Cabello; music and ID  | W      | 0550 | 30/9  | JWe |
| 1290    | YVLF        | Radio Puerto Cabello; "Radio Puerto Cabello" ID TC & MOR SS songs   | W      | 0650 | 9/10  | BD  |
| 1296    |             | <b>VOA Kabul, Afghanistan</b> ; in New Dynamic English // 7555 kHz; <b>personal first</b>   | Fpks   | 2308 | 3/10  | SW  |
| 1300    | WOOD        | Grand Rapids MI; programme trailer "...live on news radio 13-hundred WOOD"  | W/F    | 0658 | 10/10 | PC  |
| 1300    | WOOD        | Grand Rapids MI; Fox News toth ID; (over USA radio news from ??)  | G      | 0700 | 12/10 | PL  |
| 1300    | ZY??        | More of the same style of PP preaching reported last month  | W      | 0646 | 22/10 | PC  |
| 1300    | UNID        | ESPN via??, sports  | F      | 0640 | 7/10  | PL  |
| 1305    |             | CNR2, various sites, China; CC talk // 3985 kHz   | W      | 1514 | 19/10 | chm |
| 1305    |             | AIR Parbhani, India; Indian mx // 918,...   | W      | 1618 | 22/10 | chm |
| 1310    | WLOB        | Portland ME; Jerry Doyle Show as per schedule then "Newstalk 13-10 WLOB" ID   | Fpks   | 0628 | 7/10  | PC  |
| 1310    | WLOB        | Portland ME; ID down in the mix and fox news  | W/F    | 0705 | 9/10  | PL  |
| 1310    | WLOB        | Portland ME; "News Talk WLOB AM and FM" and jingle "WLOB 13-10 and 96-3 FM"; Fox News Radio; also F 0453 20/9, Fpks 2227 7/10   | Fpks   | 2300 | 9/10  | mah |
| 1310    | YV--        | Radio Naciona, Barcelona or Guri; "el Canal Internacional de Radio Nacional de Venezuela presenta....."; political talk   | F      | 0618 | 24/9  | PC  |
| 1310.02 | YV--        | Radio Nacional de Venezuela, 3 possible sites; OM & YL with usual studio talk   | W/F    | 0610 | 2/10  | BD  |
| 1314    |             | BBC World Service, Al Dhabbaya, UAE; in Farsi but English used for <a href="mailto:Persian@bbc.co.uk">Persian@bbc.co.uk</a> and "bbcpersian.com" at end of programme at 1628; personal first  | Exc    | 1621 | 20/10 | SW  |
| 1314    |             | BBC WS Al Dhabiya, UAE; familiar BBC jingle and Farsi programming; there every evening at dusk  | F/G    | 1635 | 23/10 | PL  |
| 1320    | <b>WJGR</b> | <b>Jacksonville FL</b> ; very weak "WJGR Jacksonville" ID at 2330, W audible in CKEC fade; thanks to AB and SW for checking the clip and independently concluding that was the one; personal first, last reported in the UK in 1980 | W      | 2255 | 23/10 | mah |
| 1320    | WDER        | Derry NH (presumed); closing anns for programme, mentioning Fpk lote.org website, then faded; the WDER website lists Living on the Edge 2130-2200; xf CKEC  | Fpk    | 2156 | 19/10 | mah |
| 1320    | CKEC        | New Glasgow NS; "CKEC New Glasgow"  | F      | 0500 | 22/9  | PC  |
| 1320    | CKEC        | New Glasgow NS; with East Coast Countdown Show  | G      | 2227 | 29/9  | SW  |

| kHz     | Callsign    | Station, location; details heard etc   | SIO    | UTC  | Date  | Who |
|---------|-------------|--|--------|------|-------|-----|
| 1320.01 | CKEC        | New Glasgow NS; country pops & "CKEC" ID   | W/F    | 2228 | 29/9  | BD  |
| 1320    | CKEC        | New Glasgow NS; some deep fades, allowing another station through, but unfortunately dominant at the toth with ID  | Fpks   | 2257 | 29/9  | mah |
| 1320    | CKEC        | New Glasgow NS; "13-20 CKEC New Glasgow" ID at toh then Broadcast News   | W      | 0100 | 2/10  | JF  |
| 1320    | CKEC        | New Glasgow NS; news   | F/G    | 2300 | 5/10  | PL  |
| 1320    | CKEC        | New Glasgow NS; "CKEC" ID heard in the mix   | W      | 0412 | 8/10  | AB  |
| 1320    | CJMR        | Mississauga ON; Indian talk rising well above CKEC   | F      | 0152 | 23/9  | PC  |
| 1320    | CJMR        | Mississauga ON (presumed); ethnic programming; Asian language, under CKEC  | F      | 0104 | 11/10 | PL  |
| 1320    | <b>WSKN</b> | <b>R Isla, San Juan</b> ; brief SS anns, "... Radio Isla 13-20 ... Puerto Rico ...; xf CKEC; last heard in the UK at Sheigra in 1986; also Wpks 0306 20/10   | Fpk    | 2201 | 19/10 | mah |
| 1323    |             | BBC Zyyi, Cyprus // 648kHz much better than usual (some nights it is completely inaudible due to Capital Radio)  | Exc    | 2324 | 3/10  | SW  |
| 1330    | WRCA        | Waltham MA; talk and 13-30 WRCA ID   | W      | 0432 | 29/9  | Rha |
| 1330    | WRCA        | Waltham MA (pres); FF talk and music; also FF 0752 23/10   | W/F    | 0340 | 5/10  | PC  |
| 1330    | WRCA        | Waltham MA (presumed); French programming  | F/G    | 0604 | 6/10  | PL  |
| 1330    | WRCA        | Waltham MA (presumed); heard from 0200 relaying FM station. ID and address heard 0440, otherwise no IDs at toh's, lengthy serious discussions  | W      | 0440 | 10/10 | JF  |
| 1330    | WRCA        | Waltham MA; TOH disclaimer "This is Beasley Broadcasting. This is (coast to coast?) ... RCA ... are those of the programme producers and do not depict the views of ... WRCA Waltham in Massachusetts" | F      | 0600 | 11/10 | AB  |
| 1330    | WRCA        | Waltham MA; Creole/FF px, EE ID at toth "A member of the Beasley Broadcast Group. This is 13-30 WRCA Waltham Boston" etc   | F/Gpks | 0700 | 20/10 | mah |
| 1330    | WWRL        | New York NY (presumed); "R Visión" IDs; Spanish programming, church organ  | W      | 0120 | 10/10 | JF  |
| 1330    |             | RVCI, unknown location; SS "Radio Visión Cristiana Internacional" ID noted, mixing with US station   | Fpk    | 0608 | 28/9  | mah |
| 1330    | UNID        | Country mx station via??   | F/G    | 0703 | 7/10  | PL  |
| 1330    | UNID        | 1330 brief good signal; promo for Joe Montana's Heart-Healthy Tailgating Recipe Contest at 0626  | W      | 0626 | 10/10 | SW  |
| 1350    | JOER        | Chogoku Hoso, Hiroshima(pres); JJ YL talk  | W      | 1539 | 23/10 | chm |
| 1350    | WOYK        | York PA; "ESPN 13-50 WOYK"; this is one of the few ESPN stations that has a station ID fairly frequently; + Fpks 0842 5/10   | Fpks   | 0818 | 8/10  | mah |
| 1350    | <b>WBLT</b> | <b>Bedford VA</b> ; "AM 13-50 WBLT", briefly on top of the mix; probably on daytime power; <b>UK FIRST</b>   | W      | 0640 | 7/10  | mah |
| 1350    | WGPL        | Portsmouth VA; gospel songs, ID as "Your gospel station playing today's best gospel now – it's Gospel Hit Radio"   | Fpks   | 0830 | 8/10  | mah |
| 1350    | CKAD        | Middleton ON; Canadian ads, wx, "AVR", country   | W/F    | 0723 | 5/10  | mah |
| 1350    | HCVP2       | Teleradio, Guayaquil; echoey SS ID "Teleradio 13-50", only audible on the 265 degree beverage  | F      | 0537 | 27/9  | mah |
| 1359    |             | CNR1, various sites, China; CC, NA, ID, s/off  | G      | 1731 | 7/10  | chm |
| 1359    |             | AIR Bhadravatha, India; EE, Indian accented YL with news   | W      | 1420 | 15/10 | chm |
| 1360    | WDRC        | Hartford CT; "Your are listening to the Talk of Connecticut, AM 13-60, WDRC, Hartford"   | W      | 0300 | 4/10  | PC  |

| kHz     | Callsign | Station, location; details heard etc   | SIO    | UTC  | Date  | Who |
|---------|----------|--|--------|------|-------|-----|
| 1360    | WDRG     | Hartford CT; ID "Welcome to the Joey Reynolds Show, radio's most unpredictable and entertaining night time radio programme, on WDRG, AM 13-60, The Talk of Connecticut"  | Fpks   | 0707 | 22/10 | mah |
| 1360    | WKAT     | North Miami FL (presumed); FF/Creole phone-talk; as per schedule WKAT carries Radio Kalbas overnight   | Fpks   | 0626 | 22/10 | mah |
| 1360    | UNID     | FF talk - Haiti? (probably WKAT, see above – mah)  | W      | 0352 | 3/10  | PC  |
| 1368    |          | IRIB 1, Sari, Iram; mention Iran   | F      | 1541 | 17/10 | HP  |
| 1368    |          | UNID; CC talk  | W      | 1556 | 21/10 | chm |
| 1370    | WDEA     | Ellsworth ME; "AM 13-70 WDEA"; also Fpks 2315 22/9   | W/F    | 2314 | 29/9  | mah |
| 1370    | WDEA     | Ellsworth ME; promo for ball game then ID "13-70 WDEA"   | F      | 2257 | 30/9  | JF  |
| 1370    | WDEA     | Ellsworth ME; "This is Hancock County's original music station, 13-70 WDEA"  | F/G    | 2341 | 4/10  | PC  |
| 1370    | WDEA     | Ellsworth ME; NOS and anns/ID "WDEA"   | W/Fpks | 0425 | 7/10  | Rha |
| 1370    | WDEA     | Ellsworth ME; lots of oldies, little talk; at 0700 just picked out "AM 13-70 WDEA" then possibly "thank you"!  | Fpks   | 0700 | 16/10 | AB  |
| 1377    |          | CNR Henan, China; Chinese info tlk & ID "CNR", jingles & ads   | W      | 1600 | 10/10 | Rha |
| 1377    |          | CNR1, Henan, China; CC ID  | G      | 1516 | 13/10 | chm |
| 1380    | WWMI     | Saint Petersburg FL; Radio Disney anns, promos; ID "Radio Disney WWMI Saint Petersburg Florida"  | P/Wpk  | 0800 | 18/10 | mah |
| 1380    | WMYF     | Portsmouth VA; ID at top of hour; "The Music of Your Life, AM 13-80 WMYF"; poor but clear.   | W      | 0100 | 18/10 | JF  |
| 1380    | WMYF     | Portsmouth NH; ID "AM 13-80 WMYF"; also Fpks 0651 4/10, Wpk Wpks 0606 5/10   | Wpk    | 0750 | 18/10 | mah |
| 1380    | CKLC     | Kingston ON; "13-80 CKLC where it's always prime time with the best of the silver screen and your all time favourites"   | F/Gpks | 0620 | 5/10  | mah |
| 1380    | CKLC     | Kingston ON; oldies and ID   | F      | 0628 | 6/10  | PL  |
| 1380    | CKLC     | Kingston ON (pres); oldies of the 60's – no ID.heard   | W      | 0423 | 7/10  | Rha |
| 1380    | CKLC     | Kingston ON; lots of old standards then at TOH "Coming up another great set of all time favourites on 1380 CKLC"   | F      | 0500 | 12/10 | AB  |
| 1380    | CKLC     | Kingston ON; "Listening to 13-80 CKLC can be healthy ..."  | W      | 0200 | 18/10 | JF  |
| 1380    | CB138    | R Corporación, Santiago; SS, religious light songs   | W      | 0425 | 29/9  | Rha |
| 1380    | CB138    | Radio Corporación, Santiago; parts heard of the usual listing of affiliates by region  | W      | 0400 | 6/10  | PC  |
| 1380    | CB138    | R Corporación, Santiago; full ID at 0001   | W      | 0001 | 18/10 | JF  |
| 1380    | CB138    | Radio Corporación, Santiago; many IDs  | G      | 0300 | 19/10 | BOC |
| 1380    | UNID     | "The Music of Your Life" ID heard twice. Then web address <a href="http://www.musicofyourlife.com">www.musicofyourlife.com</a> Checking the site, I see two possible affiliates – WMYF, Portsmouth NH and WFCL Clintonville WI; probably the former. | W/F    | 0631 | 6/10  | PC  |
| 1380    | YVNG     | Ondas del Mar, Puerto Cabello; MOR SS songs, "Ondas del Mar" ID & TC   | W      | 0558 | 2/10  | BD  |
| 1380    | YVNG     | Ondas Del Mar, Puerto Cabello; clear ID and alone at this time   | W      | 0601 | 18/10 | JF  |
| 1386.19 |          | R Rurale, Labé, Guinea; drifted away from usual frequency back to 1385.908kHz on 2/10  | F      | 2102 | 28/9  | SW  |
| 1386    |          | Radio Rurale, Labé, Guinea; OM with frequent ID's and requests; James Brown and West African music   | vG     | 0020 | 25/10 | PL  |
| 1386    |          | <b>Tianjin Renmin Guangbo Dientai, Tianjin, China</b> ; time pips full ID, following phone-in; 8090km; <b>possible UK FIRST</b>  | Exc    | 2156 | 29/9  | SW  |
| 1386    |          | AIR Gwalior, India; Indian mx // 918,...   | F      | 1623 | 22/10 | chm |

| kHz  | Call sign     | Station, location; details heard etc   | SIO    | UTC  | Date  | Who |
|------|---------------|--|--------|------|-------|-----|
| 1386 |               | NHK2, various sites, Japan; JJ talk; also hrd 1642 19/10 and 1502 23/10 with closedown musical-box-style mx                            | G      | 1542 | 21/10 | chm |
| 1390 | WEGP          | Presque Isle ME; NOT HEARD SINCE BIG L returned to 1395  | ---    | ---  | ---   | SW  |
| 1390 | WPLM          | Plymouth MA; "There's more of Music America coming up ... (inaudible) ...on Easy 99.1"   | W      | 0318 | 9/10  | PC  |
| 1390 | <b>ZYI788</b> | <b>Rádio Jornal O Povo, Pesqueira</b> ; apologies to Andrew - I should have mentioned last month that this was a <b>UK FIRST</b> - mah | Fpks   | 0456 | 7/9   | AB  |
| 1400 | CBG           | Gander NL; NOT HEARD SINCE BIG L returned to 1395  | ----   | ---  | ---   | SW  |
| 1400 | CBG           | Gander NL; "This is CBC News" etc  | Fpks   | 2100 | 4/10  | mah |
| 1400 | CBG           | Gander NL; breaking through the Big L spatter with CBC Radio 1 ID  | W      | 0633 | 11/10 | AB  |
| 1400 | CBG           | Gander NL; CBC News  | G      | 2113 | 11/10 | PC  |
| 1410 | WPOP          | Hartford CT; ESPN Radio with sports talk & reviews   | W/F    | 0518 | 22/9  | Rha |
| 1410 | WPOP          | Hartford CT; "ESPN Radio 14-10"  | W      | 0600 | 22/9  | PC  |
| 1410 | WPOP          | Hartford CT; difficult in 1413 splatter; ESPN IDs, Portland sports, many refs to Portland, Maine                                       | W      | 0009 | 30/9  | JF  |
| 1413 |               | Xinjiang RGD, China; Ug talk // 7195 kHz   | F      | 1415 | 15/10 | chm |
| 1413 | JOIF          | Fukuoka; JJ YL talk, adv, 17:06 phone-in px, also hrd 1548 21/10, 1608 23/10   | W/F    | 1640 | 7/10  | chm |
| 1420 | WDJA          | Delray Beach FL; "WDJA Delray Beach and AM 1,000 WJBW W Jupiter" ID & CNN News   | W      | 0600 | 23/9  | BD  |
| 1420 | CKDY          | Digby NS; // 1350 kHz  | Wpks   | 0724 | 5/10  | mah |
| 1420 | CKDY          | Digby NS; AVR Network IDs and country music  | F      | 2323 | 5/10  | JF  |
| 1420 | CKDY          | Digby NS; trailer for country music show; "AVR" and "Halifax" heard  | W      | 2356 | 5/10  | PC  |
| 1420 | CKDY          | Digby NS (presumed); country music   | F/G    | 0603 | 11/10 | PL  |
| 1420 | YVNZ          | Radio Marabina, Maracaibo; local nx and Marabina anns  | W      | 0513 | 22/9  | Rha |
| 1420 | YVNZ          | Radio Marabina, Maracaibo; bright Latin rhythms & "Marabina 14-20" IDs   | F      | 0620 | 23/9  | BD  |
| 1420 | YVNS          | R Marabina, Maracaibo; Latin music ID "Marabina" mentioned   | F      | 0639 | 26/9  | jw  |
| 1430 | WXKS          | Everett MA; ID as "AM 1200 and 14-30" and "... progressivetalk.com"  | P/Fpks | 0506 | 5/10  | mah |
| 1430 | WENE          | Endicott NY; "14-30 The Team" ID heard   | W      | 0541 | 22/9  | PC  |
| 1430 | WENE          | Endicott NY; Fox sports talk   | W      | 0554 | 27/9  | BD  |
| 1430 | WENE          | Endicott NY; "Binghamton's All Sports Station"   | Fpk    | 2246 | 11/10 | SW  |
| 1430 | WENE          | Endicott NY; "On sports Radio 14-30 The Team"  | G      | 0305 | 12/10 | AB  |
| 1430 | CHKT          | Toronto ON; South Asian mx px  | W      | 0654 | 10/10 | BD  |
| 1430 | CHKT          | Toronto ON; Asian programming; same level as WENE  | F      | 0537 | 11/10 | PL  |
| 1440 |               | Saudi Arabia clearly getting through the dominant Luxembourg   | Fpk    | 1810 | 26/9  | SW  |
| 1440 | WJAE          | Westbrook ME (pres); baseball talk   | W      | 0541 | 23/9  | PC  |
| 1440 | WJAE          | Westbrook ME; "It's no-nonsense sports" "Sports Radio 14-40, WJAB"; "Sporting News Radio" jingle.                                      | W      | 0606 | 28/9  | JF  |
| 1440 | WJAE          | Westbrook ME; "Sports Radio WJAE", in mix  | W      | 0606 | 7/10  | PL  |
| 1450 | WENJ          | Atlantic City NJ; ESPN sports talk // 1470 kHz   | F      | 0547 | 21/9  | BD  |
| 1450 | WENJ          | Atlantic City NJ; "WENJ 14-50" caught in passing   | W      | 0603 | 4/10  | mah |
| 1450 | WENJ          | Atlantic City NJ; ESPN Radio   | F      | 0641 | 6/10  | PL  |
| 1450 | WENJ          | Atlantic City NJ; "ESPN Radio in Atlantic City WENJ"   | W      | 0659 | 6/10  | PC  |
| 1450 | WENJ          | Atlantic City NJ; legal ID and ESPN sports   | Fpk    | 0700 | 11/10 | SW  |

| kHz  | Callsign | Station, location; details heard etc   | SIO    | UTC  | Date  | Who |
|------|----------|--|--------|------|-------|-----|
| 1450 | YVKJ     | <b>R Maria, Catia La Mar</b> ; good during LA mx, weaker for SS YL/OM TC/ID “Dos, uno minuto .... sintonía de Radio María, 1,450 AM, una voz del igualdad (está paz)”, then gone; thanks to Henrik Klemetz, Jan Alvestad and BD for resolving this;<br><b>personal first</b> | W/Gpk  | 0558 | 25/9  | mah |
| 1460 | WZNZ     | Jacksonville FL; ads, “This is Jacksonville’s ESPN 14-60”  | Fpks   | 0721 | 20/10 | mah |
| 1460 | WDDY     | Albany NY; Disney programming then local ID " WDDY 14-60"  | G      | 2355 | 6/10  | PL  |
| 1460 | WDDY     | Albany NY; Radio Disney IDs, pops  | W      | 0342 | 7/10  | JF  |
| 1460 | WDDY     | Albany NY “Radio Disney” ID  | F      | 0637 | 13/10 | PC  |
| 1460 | CJOY     | Guelph ON; “12 Greatest Hits” then “CJOY” jingle   | F      | 0712 | 10/10 | PC  |
| 1460 | HJJW     | Em Nuevo Continente, SF de Bogotá; S tlk, phone-in px, ID “Desde Santa Fé de Bogotá transmite Nuevo Continente”  | W/Fpks | 0510 | 22/9  | Rha |
| 1467 |          | AIR Jeypore, India; Indian mx not // others  | G      | 1655 | 15/10 | chm |
| 1467 |          | IRIB 1, Isfahan, Iran; mention Iran  | F      | 1538 | 17/10 | HP  |
| 1467 |          | Sarasarye, Qom, Iran; // 1503 kHz  | Exc    | 2306 | 20/10 | SW  |
| 1467 | UNID     | CC talk  | W      | 1415 | 21/10 | chm |
| 1470 | WWNN     | Pompano Beach FL; ID “WNN Pompano Beach” came out of the blue!   | F      | 0609 | 26/9  | jw  |
| 1470 | WWNN     | Pompano Beach FL; local ads, ID; “You’re listening to the Steve Kane Show on AM 14-70 WNN”; also Fpks 0159 1/10  | Fpks   | 0551 | 3/10  | mah |
| 1470 | WWNN     | Pompano Beach FL; v weak ID in noise “WWNN Pompano Beach, WSBR Boca Raton” (sister station on 740)   | vW     | 0603 | 3/10  | JF  |
| 1470 | WWNN     | Pompano Beach FL; promo for Steve Kane show on AM14-70 and AM 7-40; phone in number 1-877-275-2326; also heard at end of Sept before noticeable 50000/2500W power-down at 2330; also good 21/10 prior to 2300 power-down   | F      | 0453 | 15/10 | SW  |
| 1470 | WWNN     | Pompano Beach FL; “The Steve Kane Show is live every day from 6 to 9 am on 14-70 WNN”  | F      | 0750 | 21/10 | PC  |
| 1470 | WMBD     | Peoria IL; legal ID; appeared briefly at right time; personal first pk   |        | 0500 | 12/10 | SW  |
| 1470 | WLAM     | Lewiston ME; ESPN sports talk  | F      | 0513 | 21/9  | BD  |
| 1470 | WLAM     | Lewiston ME; Legal ID at toth  | W      | 0400 | 26/9  | PC  |
| 1470 | WLAM     | Lewiston ME ESPN sport, ads, f/out 0510  | W      | 0454 | 27/9  | HP  |
| 1470 | WLAM     | Lewiston ME; legal ID and ESPN promos; most nights with predictable ESPN programming   | G      | 0100 | 3/10  | SW  |
| 1470 | WLAM     | Lewiston ME; ID “This is WLAM Lewiston Auburn 14-70 ESPN Radio”; also W/F 0500 22/9, Fpks 0000 1/10  | F/G    | 0500 | 4/10  | mah |
| 1470 | WLAM     | Lewiston ME; ESPN sports   | G      | 0253 | 6/10  | PL  |
| 1470 | WLAM     | Lewiston ME; TOH ID “This is WLAM Lewiston/Auburn 14-70 ESPN Radio”  | W      | 0600 | 7/10  | AB  |
| 1470 | WLAM     | Lewiston ME; “14-70 ESPN Radio”  | W/F    | 0500 | 12/10 | JWe |
| 1470 | WLAM     | Lewiston ME; sports talk and “ESPN Radio” ID; “Sports Radio ...”   | W      | 0500 | 18/10 | JW  |
| 1470 | WLAM     | Lewiston ME; ESPN sport  | G      | 0245 | 21/10 | BOC |
| 1470 | WJDY     | Salisbury MD (tentative); “... on WBOC News at 7”, which is a TV station in Salisbury MD, although I can’t find any other connection; listed s/off time 2230; did a fairly extensive web search, including looking at 560 WVOC, and WJDY seems to be the best possibility    | Wpk    | 2225 | 24/10 | mah |
| 1470 | WNYN     | Ithaca NY; ID at toh “This is 14-70 WNYN”  | W      | 2300 | 29/9  | JF  |



| <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> |
|------------|-----------------|--|------------|------------|-------------|------------|
| 1470       | <b>WBTX</b>     | <b>Broadway VA</b> ; nothing much apart from clear ID by YL just before closedown at 2330; caught by accident! <b>US daytimer – UK FIRST</b>   | Wpk        | 2324       | 28/9        | SW         |
| 1470       | CJVB            | Vancouver BC (pres); Chinese music mixing WLAM   | P          | 0501       | 29/9        | SW         |
| 1470       | CJVB            | Vancouver BC; CC px audible from 0515; EE ID at toth “This is the spirit of multicultural Vancouver, AM 14-70 CJVB Fairchild Radio, Cable 103.3 FM”, TS  | Fpks       | 0601       | 6/10        | mah        |
| 1470       | <b>CJVB</b>     | <b>Vancouver BC</b> ; full English ID also mentions 103.3FM on cable. Look out for distinctive 3 pips time signal. Time pips alone heard at 0200 10/10 which is about 10 minutes after Vancouver sunset; trace of time pips at 0500 20/10                        | Fpk        | 0500       | 10/10       | SW         |
| 1470       | <b>CJVB</b>     | <b>Vancouver BC</b> ; slow CC mx, in part ID "multicultural Vancouver AM 14-70" & CC talk px   | vW         | 0458       | 11/10       | BD         |
| 1470       | <b>CJVB</b>     | <b>Vancouver BC</b> ; Chinese singing, YL talk in Chinese and OM saying “This is your Vancouver multicultural ...” the rest lost in noise, but thanks to a collaboration with SW we’ve both identified the same station at the same time from our recordings!    | Fpks       | 0501       | 11/10       | AB         |
| 1470       | XEAI            | R Fórmula, Mexico City; time pip and ID “Radio Fórmula, en toda la ... musical” (or similar)   | W          | 0128       | 3/10        | JF         |
| 1470       | XEAI            | Metropoli, Mexico; Radio Fórmula ID then anthem; anthem regularly audible through WLAM at 0500; also at unusual time of 0100 19/10   | F          | 0500       | 6/10        | SW         |
| 1470       | ZYJ616          | Rádio Rural AM de Parelhas, RN; "ZYJ616, 1470 kHz, Rádio Rural AM de Parelhas, agora mais do que nunca, a rádio da família soroense"; tnx to Rudolf Grimm for transcription. 1kW/250W Recording: <a href="http://tinyurl.com/gzmk3">http://tinyurl.com/gzmk3</a> | W/F        | 2301       | 25/9        | PC         |
| 1470       | ZYJ616          | R Rural de Parelhas, Parelhas; many IDs and music heard over a half-hour period  | W          | 2307       | 9/10        | AB         |
| 1470       | OAU4B           | CPN Lima; more ‘Pare de Sufrir’ religious programming  | G          | 0534       | 23/9        | AB         |
| 1470       | OAU4B           | CPN Radio, Lima; rel talk by OM  | F          | 0439       | 27/9        | HP         |
| 1470       | OAU4B           | CPN Radio, Lima Peru; ID promo mentioning “Avenida Venezuela” decoded by Henrik Klemetz  | G          | 0602       | 4/10        | SW         |
| 1470       | CX147           | Radio Cristal del Uruguay, Las Piedras; Several ‘Cristal’ IDs, including sung version  | W/F        | 2242       | 20/9        | PC         |
| 1470       | CX147           | Radio Cristal del Uruguay, Las Piedras; mentions of Canelones and ‘Cristal’ mixing with Vibración  | Fpks       | 0022       | 10/10       | AB         |
| 1470       | YVSY            | R Vibración, Carúpano; very weak ID noted; also very weak around 0455-0710   | Wpks       | 2208       | 30/9        | mah        |
| 1470       | YVSY            | Radio Vibración, Carúpano; "En Vibración" ID & MOR tropical songs  | W          | 0530       | 8/10        | BD         |
| 1470       | YVSY            | Radio Vibración, Carúpano; just heard “en Vibración, es ...” amid general noise  | W          | 0508       | 14/10       | AB         |
| 1470       | UNID            | oldie music programme – which US station has this programme? No IDs hrd  | W          | 0515       | 20/9        | Rha        |
| 1470       | UNID            | rlgs-oriented health talk, xf WLAM; didn’t catch an ID between 2301 and 2330, but faded just before the half-hour and any IDs; I believe this was the one that reappeared with a vocal rendition of SSB at 2330  | Gpks       | 2316       | 29/9        | mah        |
| 1470       | UNID            | preacher occasional appearing for a few seconds at a time  | Wpks       | 0205       | 1/10        | mah        |

| <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> |
|------------|-----------------|--|------------|------------|-------------|------------|
| 1470       | UNID            | Portuguese; news about George Michael; partial website heard; Brazil?  | Fpk        | 2232       | 3/10        | SW         |
| 1470       | UNID            | with Oldies Memories px; not ESPN Radio progr  | G/clear    | 0340       | 11/10       | Rha        |
| 1470       | UNID            | Gospel music under WLAM; at 2245 the gospel music ended and a man talked (under WLAM) for 18 seconds finishing with "good night and God bless"; <b>possible US daytimer</b>  | P          | 2245       | 21/10       | SW         |
| 1470       | UNID            | Live broadcast of church service in Spanish eventually overtaken by WWNN   | Fpks       | 2248       | 22/10       | SW         |
| 1476       | UNID            | CC talk  | W          | 1532       | 21/10       | chm        |
| 1480       | WSAR            | Fall River MA; weather "showers", with meteorologist Rod -?- and me Carloline -?- ... with the new WSAR"   | W          | 0302       | 29/9        | JF         |
| 1480       | WSAR            | Fall River MA; "Fall River's number 1 radio station, all day, every day. We are 14-80 WSAR, Fall River"  | W/F        | 0500       | 29/9        | PC         |
| 1480       | WSAR            | Fall River MA; Laura Ingraham show, politics   | F          | 2349       | 6/10        | PL         |
| 1480       | WSAR            | Fall River MA; ID at toth "Greater Fall River's number one radio station, all day, every day. We are 14-80 WSAR Fall River"; also F 0525 21/9, W/F 0551 30/9   | W/F        | 0700       | 7/10        | mah        |
| 1480       | WGVU            | Kentwood MI (pres); BBC World Service program about Iraq   | W/F        | 0410       | 29/9        | PC         |
| 1480       | WHBC            | Canton OH; "Nobody covers Stark County news like 14-80 WHBC"   | F          | 0553       | 29/9        | PC         |
| 1480       | WHBC            | Canton OH; oldies with DJ; ID "14-80 WHBC, overcast and 60 degrees in downtown Canton where we've had a little bit of light rain" then Elvis song  | F          | 0328       | 11/10       | JF         |
| 1480       | WMDD            | Tropical, Fajardo PR; "Ritmo de la ... Tropical"   | W          | 0228       | 25/9        | JF         |
| 1480       | WMDD            | Fajardo PR; many ads, with mentions of Fajardo   | W          | 0705       | 14/10       | PC         |
| 1480       | UNID            | "Never more than 20 minutes away from the national sports report on Fox Sports radio...(different voice) .and the Zone at Onzone"; followed by ad for Onzone   | F          | 0043       | 24/9        | PC         |
| 1480       | UNID            | Station in // with 1520 WWKB, left leaning talk show with YL presenter, WSAR?  | F/G        | 2330       | 5/10        | PL         |
| 1490       | WMBM            | Miami Beach FL; light songs, weak "AM 14-90 WMBM" ID, promo; xd  | W          | 0529       | 21/9        | mah        |
| 1490       | WBAE            | Portland ME; "The Music of Your Life. 14-hundred ..... and 14-90 WBAE, Portland"; also "This is 14-hundred and 14-90 The Bay"  | W          | 0500       | 26/9        | PC         |
| 1490       | WBAE            | Portland ME; toth ID "The Music of Your Life on The Bay 1400 WBAE Biddeford, 14-90 WBAE Portland"  | Fpks       | 0600       | 28/9        | mah        |
| 1490       | WTKU            | Pleasantville NJ; full ID "This is WTKU FM and AM Ocean City, Pleasantville Atlantic City south Jersey's Kool 98-3" and jingle; also Fpks 0521 5/10  | W/Fpks     | 0453       | 9/10        | mah        |
| 1490       | WLRT            | Hampton VA (tentative); ads, rather unclear ID "This is your Nascar station, 14-90, WLRT Hampton" (as per PAX47); thanks to AB for listening to the clip and adding more detail; I also put this to the RealDX Group, and had two responses – many thanks; Chuck Hutton writes: "The Hampton part is very, very unclear and the calls are not so good - I might have guessed other similar calls. But WLRT is a big racing station so it looks like they're the one"; Russ Edmunds writes: "You have WMRC, Milford, Massachusetts on this clip"; so, no consensus view, leaving something of a mystery | Wpk        | 0541       | 3/9         | mah        |

| <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> |
|------------|-----------------|--|------------|------------|-------------|------------|
| 1490       | UNID            | poor ID in promo, sounding like "... on ... WMBB", but too poor to tell  | W          | 0533       | 3/10        | mah        |
| 1494       |                 | Xinjiang RGD, China; CC ID "Xinjiang Renmin Guangbo Dientai"; also hrd 1435 15/10, 1430 21/10  | F/G        | 1400       | 22/10       | chm        |
| 1500       | <b>WFIF</b>     | Milford CT (tentative); brief good peak, OM asking for prayers and financial support at 2256 giving address lost in splatter; <b>US daytimer</b>                                       | P          | 2256       | 29/9        | SW         |
| 1500       | WTWP            | Washington DC; WTWP newstime   | W          | 0504       | 27/9        | HP         |
| 1500       | WTWP            | Washington DC; sports game commentary  | W          | 0525       | 29/9        | BD         |
| 1500       | WTWP            | Washington DC; finance report "WTWP" ID heard and "Washington Post Radio"  | W/F        | 0458       | 5/10        | JW         |
| 1500       | WTWP            | Washington DC; "Washington post Radio", ads  | G          | 2315       | 5/10        | PL         |
| 1500       | WTWP            | Washington DC; WTWP round table tlk, ad for Washington Post, anns from the speaker Mike Sanders  | F/G        | 0419       | 7/10        | Rha        |
| 1500       | WTWP            | Washington DC; "Washington Post Radio"   | G          | 0512       | 7/10        | AB         |
| 1500       | WTWP            | Washington DC; "WTWP Washington Post Radio"  | F/G        | 0350       | 10/10       | JWe        |
| 1500       | WTWP            | Washington DC; Jim Bohannon Show   | F          | 0632       | 10/10       | JF         |
| 1500       | WTWP            | Washington DC; reports   | F          | 0330       | 19/10       | BOC        |
| 1500       | WTWP            | Washington DC; "Washington Post Radio" promo and adverts   | F          | 0743       | 20/10       | SW         |
| 1500       | WWTP            | Washington DC; "Washington Nationals Radio Network"  | F          | 0416       | 19/9        | PC         |
| 1500.05    | HJUW            | R Maria, Manizales (tent); SS preacher w many glorias  | W/F        | 0440       | 25/9        | HP         |
| 1499.96    | OBX4I           | R Santa Rosa, Lima; Peruvian NA, ID "Radio Santa Rosa de Lima, La Emisora de Rosario" at 0500 followed by rlg px   | F          | 0508       | 22/9        | Rha        |
| 1499.9     | OBX4I           | R Santa Rosa, Lima (tentative); SS rlg px, Ave Marias, mainly under presumed YVRZ  | Wpks       | 0522       | 25/9        | mah        |
| 1500       | YVRZ            | Radio Dos Mil, Cumaná; MOR Latin rhythms & "Dos Mil" ID  | W          | 0605       | 21/9        | BD         |
| 1503       |                 | IRIB 1, Bushehr, Iran; Farsi talk, holy Q'ran  | G          | 1535       | 17/10       | HP         |
| 1503       |                 | Sarasarye, Bushehr, Iran; local music // 1467 both good signals  | Exc        | 2306       | 20/10       | SW         |
| 1510       | WWZN            | Boston MA; "The Zone – Boston's Sports Station"  | W          | 2259       | 20/9        | PC         |
| 1510       | WWZN            | Boston MA; sports news, ID "Sporting News Radio 15-10" – no mention heard of "The Zone"; (Note 'the Zone' ID used on 29/9)   | G          | 0447       | 23/9        | AB         |
| 1510.02    | WWZN            | Boston MA; sports talk & "15-10 The Zone" ID tag   | F          | 2245       | 28/9        | BD         |
| 1510       | WWZN            | Boston MA; ads, ID "Boston's sports station 15-10 The Zone WWZN Boston"  | F          | 0358       | 29/9        | JW         |
| 1510       | WWZN            | Boston MA; classic car show – doesn't sound like sports so it made me stop spinning the dial; legal ID at 0800 on 7/10   | vG         | 2245       | 7/10        | SW         |
| 1510       | WWZN            | Boston MA; sport   | G          | 0500       | 21/10       | BOC        |
| 1510       | WLAC            | Nashville TN; mixing equal levels WWZN; ID and refs to wlac.com I have been hearing a second North American station here for the last week or so. At last, a reference to the station! | F          | 2346       | 30/9        | JF         |
| 1510       | KGA             | Spokane WA; poor IDs in anns or promo  | W/Fpks     | 0507       | 6/10        | mah        |
| 1510       | YV--            | R Informativa, Güigüe (tent); ad, ID, news   | 222        | 0200       | 24/9        | FW         |
| 1520       | WWKB            | Buffalo NY; "Buffalo's Left Channel AM 15-20"  | F          | 0532       | 26/9        | jw         |
| 1520       | WWKB            | Buffalo NY; still talking  | W/F        | 0556       | 27/9        | BD         |
| 1520       | WWKB            | Buffalo NY; "Buffalo's Left Channel – AM 15-20"  | F          | 0620       | 30/9        | PC         |
| 1520       | WWKB            | Buffalo NY; "Buffalo's left channel AM 15-20"  | Gpks       | 0633       | 3/10        | mah        |
| 1520       | WWKB            | Buffalo NY; This is Buffalo's Left Channel WWKB Buffalo" CNN Radio News  | G          | 0500       | 4/10        | JW         |

| <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> |
|------------|-----------------|---|------------|------------|-------------|------------|
| 1520       | WWKB            | Buffalo NY; hrd from tune-in at 2210; at 2221 ads, "Buffalo's left channel AM 15-20"  | Gpks       | 2210       | 9/10        | mah        |
| 1520       | WWKB            | Buffalo NY; ads for Home Depot and ID   | vG         | 0533       | 10/10       | PL         |
| 1520       | WWKB            | Buffalo NY; talks   | G          | 0435       | 20/10       | BOC        |
| 1520       | WWKB            | Buffalo NY; legal ID then CNN radio news; "Buffalo's left Channel AM 15-20" heard every morning with Joey Reynolds (from WOR 710)   | Clear      | 0900       | 20/10       | SW         |
| 1520       | WVOZ            | San Juan PR; LA mx, poor SS ID "Radio Voz WVOZ AM ..."  | Fpks       | 2301       | 24/9        | mah        |
| 1520       | WVOZ            | R Voz, San Juan PR; salsa music, "R Voz" IDs  | W          | 0235       | 25/9        | JF         |
| 1521       |                 | CRI Urumqi, China; Russian talk and ID  | vG         | 1715       | 4/10        | JWe        |
| 1521       |                 | CRI Urumqi, China, RR/CC lessons, web address; also 5/10, 6/10 G  | G          | 1845       | 4/10        | HP         |
| 1521       |                 | CRI Urumqi, China; RR IDs   | Exc        | 1744       | 7/10        | chm        |
| 1521       |                 | CRI Urumqi, China; Russian talk programme & Urumqi ID   | S          | 1437       | 10/10       | Rha        |
| 1521       |                 | CRI, Xinjiang, China; ID alone on channel huge S8 signal at this early time; goes off air at 1457utc Returns at 1600utc Easy reception on car radio 5/10; CRI / Zhongguo Guoji Guangbo Diantai  | Exc        | 1432       | 12/10       | SW         |
| 1521       |                 | CRI Urumqi, China; CC ID x2 "Zhongguo guoji guangbo diantai", RR ID x2 "Govorit ... Radio Kitaya"; + F/G 1700 5/10  | Gpks       | 1701       | 16/10       | mah        |
| 1530       |                 | VOA São Tomé; "VOA News"; oddly best reception from NE to kill UK & Spain!  | F          | 2103       | 28/9        | SW         |
| 1530       |                 | VOA São Tome; report about South Africa   | 121        | 0315       | 22/10       | FW         |
| 1530       | UNID            | Religion via??, dominant for a while  | F          | 0640       | 7/10        | PL         |
| 1539       |                 | Kashi, Xinjiang, China; CC tlk, YL/OM ID sounding like "... Guangbo Diantai ...Xinjiang Guangbo Diantai ... Zhongyang Renmin Guangbo Diantai ... chung kuo", peaking well over the Euros; deep fades  | Fpks       | 1609       | 5/10        | mah        |
| 1540       | WDCD            | Albany NY; "Today's best music...Christian talk. WDCD Albany. This is Life 15-40"   | W/F        | 0201       | 23/9        | PC         |
| 1540       | WDCD            | Albany NY; ID and then into light mx  | G          | 0710       | 11/10       | PL         |
| 1540       | WDCD            | Albany NY; "Life 15-40 WDCD"  | F          | 0644       | 13/10       | SW         |
| 1540       | WDCD            | Albany NY; "For the best in Bible worship, Life 15-40 WDCD"   | G          | 0545       | 23/10       | mah        |
| 1540       | <b>WNWR</b>     | <b>Philadelphia PA</b> ; heard briefly on several occasions<br>2313 on 26/9 mention "New World Radio"<br>2314 on 29/9 Star Spangled Banner under Bahamas<br>2230 on 17/10 SSB anthem under Focus on the Family from WDCD <b>US daytimer</b> | P          | 2313       | 26/9        | SW         |
| 1540       | <b>WNWR</b>     | <b>Philadelphia PA</b> ; first heard at 2300 with deep religious service, ad at 2312, then full sign off routing and IDs before national anthem at 2313; ID included "50 thousand watts ... New World Radio" and "WNWR" call                | W          | 2313       | 27/9        | JF         |
| 1540       | <b>WNWR</b>     | <b>Philadelphia PA</b> ; end of transmission ID "... on New World Radio, your radio, WNWR"; NA, if played, was not audible  | W          | 2228       | 16/10       | AB         |
| 1540       | <b>WNWR</b>     | <b>Philadelphia PA</b> ; signing off with national anthem   | W          | 2229       | 18/10       | JF         |
| 1540       | <b>WNWR</b>     | <b>Philadelphia PA</b> ; closing anns, ending "From management and staff at WNWR, please have a safe and happy evening" and ID and SSB, off at 2230; xd others  | Fpks       | 2229       | 19/10       | mah        |

| kHz  | Callsign | Station, location; details heard etc  | SIO    | UTC  | Date  | Who |
|------|----------|---|--------|------|-------|-----|
| 1540 | KGBC     | Galveston TX; “ Pasion W con todos los deportes, esta tarde ...aquí en Vida Vision 15-40” Recording: <a href="http://paulc.mwcircle.org/1540question.mp3">http://paulc.mwcircle.org/1540question.mp3</a> ; tnx to Henrik Klemetz for identifying Vida Vision; <b>UK FIRST</b> | W/F    | 0558 | 29/9  | PC  |
| 1540 | CHIN     | Toronto ON; Chinese language lessons.   | F      | 0058 | 29/9  | PC  |
| 1540 | CHIN     | Toronto ON (presumed); CRI programmes   | G      | 2340 | 8/10  | PL  |
| 1540 | CHIN     | Toronto ON (presumed); with back to back easy listening tunes and Italian announcer   | F      | 0750 | 20/10 | SW  |
| 1540 | ZNS1     | Radio Bahamas, Nassau; "here on Radio Bahamas AM 15-40" ID & soft pops  | W/F    | 0554 | 21/9  | BD  |
| 1540 | ZNS1     | Nassau, Bahamas; “AM 15-40 ZNS1, 8-10 AM ZNS1.....” ID with radio frequencies and cable channels  | F      | 0640 | 23/9  | PC  |
| 1540 | ZNS1     | Nassau, Bahamas; sung jingle; and with long format weather and sunrise/sunset times at 2300 5/10  | vG     | 0542 | 24/9  | SW  |
| 1540 | ZNS1     | Nassau, Bahamas; detailed Bahamas weather forecast. Storms! ID heard later “... the voice of the Bahamas”   | F      | 2318 | 30/9  | JF  |
| 1540 | ZNS1     | Nassau, Bahamas; promos, “ZNS Radio Bahamas”; dominant  | F/G    | 0604 | 4/10  | mah |
| 1540 | ZNS1     | R Bahamas, Nassau; OM in talk, mixing CHIN  | F/G    | 2240 | 8/10  | PL  |
| 1550 |          | Radio Nacional de la República Arab de Saharaui Democrática (RASD). Frequent references to Morocco, Arabic-sounding individuals' names and Sahara Occidental. However at the end of the news they clearly said 'Radio Nacional Sahal'   | vG     | 2344 | 28/9  | AB  |
| 1550 |          | RASD Tindouf, Algeria; here every night but Spanish only returned to 2300utc slot at end of September   | Exc    | 2300 | 30/9  | SW  |
| 1550 |          | RASD Tindouf Algeria ; polisario tlk & political nx   | F/G    | 2140 | 7/10  | Rha |
| 1550 |          | RASD Tindouf, Algeria; talk about the first martyrs of independence struggle against Morocco; SS; huge signal   | vG     | 0030 | 25/10 | PL  |
| 1550 | CBE      | Windsor ON; CBC News  | W      | 0702 | 3/10  | PC  |
| 1550 | CBE      | Windsor ON; CBC // 1070 kHz   | W      | 0257 | 12/10 | AB  |
| 1557 |          | WYFR Kouhu, Taiwan; ID as Family Radio; also heard 1628 on 20/10 with end of “Sound of New Life”  | F      | 2015 | 3/10  | SW  |
| 1557 |          | WYFR Kouhu, Taiwan; EE rel px   | F      | 1513 | 6/10  | chm |
| 1557 |          | WYFR Kouhu, Taiwan; IS at 1700, then Asian Language; “Family Radio” ID at 1706; also F/Gpks 1612 19/10  | Gpks   | 1706 | 23/10 | mah |
| 1560 | WQEW     | New York NY; Radio Disney pop show  | W/F    | 0518 | 21/9  | BD  |
| 1560 | WQEW     | New York NY; Radio Disney-pop & show tlk  | W/Fpks | 0448 | 22/9  | Rha |
| 1560 | WQEW     | New York NY; “Radio Disney” IDs   | W      | 0623 | 30/9  | PC  |
| 1560 | WQEW     | New York NY(pres); with pop music – R Disney  | F      | 0421 | 7/10  | Rha |
| 1560 | WQEW     | New York NY; rap music and plenty of “Radio Disney” IDs   | W      | 0634 | 11/10 | JW  |
| 1560 | WQEW     | New York N; sudden good peak of Disney programming  | Fpk    | 0823 | 20/10 | SW  |
| 1560 | WQEW     | New York NY; usual Disney content, but for the first time I heard a “WQEW New York” ID!   | W      | 0558 | 24/10 | AB  |
| 1560 |          | <b>R Adventista de Panamá, Panamá</b> ; SS rlgx px, “(Estan?) La Voz de La Esperanza Panamá, mil quinientos sesenta (AM?)”; <b>UK FIRST</b>   | Fpks   | 0638 | 25/9  | mah |
| 1560 |          | R Adventista de Panamá, Panamá (tentative); SS rlgx px in background to Disney; clear EE “Adventist World Radio”, then after a pause, a less clear “The Voice of Hope” came up on top briefly; xf Disney  | W/Fpks | 0634 | 26/9  | mah |

| <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> |
|------------|-----------------|---|------------|------------|-------------|------------|
| 1560       |                 | R Adventista de Panama, Panama; (presumed) "Adventist World Radio"  | F          | 0636       | 26/9        | jw         |
| 1560       | UNID            | ESPN Radio outlet; I presume this is WQEW due to the strength and the fact that it was alone on the channel, though I did hear something that sounded like R Disney at one point.   | G          | 2313       | 5/10        | JF         |
| 1566       |                 | AIR Nagpur, India; ID in EE after time pips then news in Hindi  |            | 2330       | 24/9        | SW         |
| 1566       |                 | AIR Nagpur, India; // 4920 kHz ind-mx, EE ID 1725   | Exc        | 1648       | 8/10        | chm        |
| 1566       |                 | AIR Nagpur, India; Indian talk // the 4920 kHz; equal/under County Sound  | W/Fpks     | 1610       | 10/10       | Rha        |
| 1566       |                 | AIR Nagpur, India;  | G          | 1749       | 19/10       | BOC        |
| 1566       | HLAZ            | Cheju, Korea (presumed); choir then YL in Korean; time pips but no call letters heard   | vG         | 2059       | 3/10        | SW         |
| 1570       | WFLR            | Dundee NY; talk programme, occasionally on top; there from 0640 to past 0730; wx for Finger Lakes at 0659; ID at 0705 "... details ... can be found at the website of Finger Lakes News Radio, that's fingerlakes1.com"; xf CFAV  | Wpks       | 0705       | 3/10        | mah        |
| 1570       | WECU            | Winterville NC; light songs, rather muffled ID "AM 15-70 ... WECU", then 5 minutes of local Winterville ads before more IDs and back to music; also Wpk 0630 8/10   | Fpks       | 0707       | 19/10       | mah        |
| 1570       | CKMW            | Winkler MB; promo, "Country 15-70 CKMW"; xf others  | Gpks       | 0651       | 10/10       | mah        |
| 1570       | CFAV            | Laval QC; FF ID "Boomer AM 15-70" noted in passing  | F/G        | 0608       | 4/10        | mah        |
| 1570       | CFAV            | Laval QC; oldies  | vG         | 0650       | 6/10        | PL         |
| 1570       | CFAV            | Laval QC; "Boomer 15-70, la radio qui (??) toutes les generations"  | F          | 0401       | 9/10        | PC         |
| 1570       | HRRF            | RCN Tegucigalpa; SS ID "RCN Radio Cadena de Noticias, todo noticias, todo el tiempo 1,570 AM Tegucigalpa ..."; also W/F 0603 23/9   | Fpks       | 0622       | 8/10        | mah        |
| 1570       | UNID            | "The All New 15-70"   | W          | 0639       | 26/9        | PC         |
| 1575       |                 | VOA Ayutthaya, Thailand; "This is the Voice of America, Washington DC", Yankee Doodle; under Euros  | W          | 1500       | 9/10        | mah        |
| 1575       |                 | VOA, Ayutthaya, Thailand; American-accented OM, news  | P          | 1641       | 23/10       | chm        |
| 1575       |                 | Radio Farda, Al Dhabiya, UAE; ID then news  | Exc        | 2145       | 8/10        | SW         |
| 1575       |                 | Radio Farda, Al Dhabiya, UAE; Persian pop music and ID; there every evening at dusk, sometimes dominant   | F/G        | 1705       | 23/10       | PL         |
| 1580       | CKDO            | Oshawa ON; sung jingle "Oshawa's Oldies"  | Fpk        | 0605       | 29/9        | SW         |
| 1580       | CKDO            | Oshawa ON; "You're listening to Oshawa's oldies - 107-7 FM F and 15-80 CKDO"  | F          | 0640       | 29/9        | PC         |
| 1580       | CKDO            | Oshawa ON; oldies, "CKDO" jingle  | F          | 0745       | 8/10        | mah        |
| 1580       | CKDO            | Oshawa ON; non-stop oldies music; at 0619 promo for 'CKDO Monster Mash' on 27 <sup>th</sup> October - website reveals it's an annual Halloween thing  | Fpks       | 0619       | 20/10       | AB         |
| 1580       | YVTK            | Manazares 15-80, Cumaná; "Radio Porlamar once-cuarenta AM en Nueva Esparta .... mil sesenta (or setenta?) AM en ... AM en Santa Marta de ...." in what seems to be a list of RQ-910/Tu AM Center network stations; thanks to Henrik Klemetz for helping resolve this one; this was my UNID last month | W/P        | 0503       | 22/8        | mah        |
| 1590       | WPSL            | Port Saint Lucie FL; IDs noted in the mix, including "... on WPSL and WSTU"   | Wpk        | 0759       | 23/10       | mah        |



| <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> |
|------------|-----------------|--|------------|------------|-------------|------------|
| 1590       | <b>WKHZ</b>     | <b>Ocean City MD</b> ; music mix; hrd with partial IDs, in and out of the noise and xf WARV from 0640; eventually caught a long ID at 0738 "Ocean City's top 10 song is next on 15-90 KHZ; only KHZ plays ... the best mix of music and pops at 15-90 KHZ"; a new one for me, last reported in the UK in Sheigra in 1997 | Fpks       | 0738       | 19/10       | mah        |
| 1590       | WAKR            | Akron OH; ID in mix; oldies  | F          | 0651       | 13/10       | PL         |
| 1590       | WAKR            | Akron OH; oldies format; weather at 0614; ID heard at 0710 "?? mornings from ?? The new?? great songs you love, 15-90 WAKR"  | F          | 0710       | 20/10       | AB         |
| 1590       | WAKR            | Akron OH; "WAKR 60 seconds" heard under WARV. First clear morning on 1590 for some time.   | W          | 0705       | 23/10       | PC         |
| 1590       | WAKR            | Akron OH; oldies, ID   | F/G        | 0818       | 23/10       | mah        |
| 1590       | WARV            | Warwick RI; YL with ID then news   | F          | 2330       | 6/10        | PL         |
| 1590       | WARV            | Warwick RI; "15-90 AM, WARV, Warwick, Providence" legal ID at toth   | W/F        | 0700       | 12/10       | PC         |
| 1590       | WARV            | Warwick RI; ID/promo "... Life Changing Radio ... WARV ...", Turning Point rlgx px   | Fpks       | 0631       | 19/10       | mah        |
| 1590       | WARV            | Warwick RI; religious items and "AM 15-90 WARV" ID heard at 0705.  | Fpks       | 0705       | 20/10       | AB         |
| 1590       | XEVOZ           | Radio Trafico, México DF; "Radio Trafico 15-90" ID repeated  | F          | 0712       | 23/10       | PC         |
| 1600       | WAAM            | Ann Arbor MI; "Talk Radio 16 hundred WAAM. News and information, first, fast and up to the minute, I'm Christopher McQuinn on TalkRadio 16-hundred WAAM"   | F          | 0705       | 12/10       | PC         |
| 1600       | WMNE            | Riviera Beach FL; ID "Radio Disney AM 1600"  | Fpks       | 0638       | 20/9        | mah        |
| 1600       | WKWF            | Key West FL (presumed); OM "Sporting News Network"   | F          | 0534       | 26/9        | jw         |
| 1600       | WUNR            | Brookline MA; SS ID "... en Radio Internacional 1600 AM"; thanks to Henrik Klemetz for identifying this one  | W/F        | 2351       | 21/9        | mah        |
| 1600       | WUNR            | Brookline MA; SS "WUNR ....mundo.....1600 AM"  | W          | 0300       | 28/9        | PC         |
| 1600       | WLUZ            | Bayamon PR; SS "WLUZ 1600 AM"  | W          | 0230       | 19/9        | PC         |
| 1600       | UNID            | FF music   | G          | 0649       | 6/10        | PL         |
| 1600       | UNID            | "60s" and "70s" heard and then call which sounded like WKHB. This stations is on 620 kHz, from PA and it plays 60s and 70s music. It's former call was WHJB which is a station on 1600 kHz, from PA  | W          | 0601       | 23/10       | PC         |
| 1610       | CJWI            | Montréal QC; accented FF talk  | W          | 0143       | 23/9        | PC         |
| 1610       |                 | Caribbean Beacon, Anguilla (pres); US preaching  | W          | 0643       | 14/10       | PC         |
| 1620       | <b>KOZN</b>     | <b>Bellevue NE</b> ; ESPN Radio.   | W/F        | 0643       | 10/10       | PC         |
| 1620       | <b>KOZN</b>     | <b>Bellevue NE</b> ; "homegrown(?) major league baseball, ... ESPN Radio KOZN Bellevue - Omaha - Council Bluffs"   | F          | 0402       | 11/10       | AB         |
| 1620       | WDHP            | Frederiksted, USVI ; BBC-WS news and reports, // 648 kHz   | W/F        | 0444       | 22/9        | Rha        |
| 1620       | WDHP            | Frederiksted, USVI; BBC W/S current affairs  | W          | 0514       | 22/9        | BD         |
| 1620       | WDHP            | Frederiksted, USVI; BBC World Service // 555 kHz   | W          | 0543       | 23/9        | PC         |
| 1620       | WDHP            | Frederiksted, USVI (pres); with BBC Ws not // 648kHz   | Fpks       | 0531       | 24/9        | SW         |
| 1620       | WDHP            | Frederiksted, USVI; BBC WS News  | F          | 2300       | 5/10        | PL         |
| 1620       | WDHP            | Frederiksted, USVI; usual ID   | vW         | 0558       | 14/10       | mah        |
| 1620       | WDHP            | Frederiksted, USVI; full ID with transmitter address etc followed by BBC WS nx   | F          | 0300       | 23/10       | AB         |
| 1630       | WRDW            | Augusta GA; "Newstalk Sports 16-30 WRDW presents another radio on-line auction"  | W          | 0358       | 7/10        | 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> |
|------------|-----------------|--|------------|------------|-------------|------------|
| 1630       | KCJJ            | Iowa Falls IA; very weak "16-30 KCJJ" in declining conditions  | vW         | 0700       | 9/10        | AB         |
| 1630       | KCJJ            | Iowa City IA; "NASCAR Live on MRN radio comes to you from ?? Florida every Tuesday night." KCJJ is the only MRN affiliate on 1630 and matches schedule   | W/F        | 2358       | 10/10       | PC         |
| 1630       | UNID            | Arabian music & songs  | W/F        | 0403       | 29/9        | Rha        |
| 1630       | UNID            | Mixture of two stations, one with oldies and one with Latin music - KCJJ / KRND??  | F/G        | 0556       | 12/10       | PL         |
| 1640       | KDIA            | Vallejo CA; YL "This programme ... In Touch Ministries, Atlanta Georgia"; OM ID "Here's KDIA AM 16-40 the light at the top of the dial"; xf Disney and ESPN  | Fpks       | 0625       | 6/10        | mah        |
| 1640       | WTNI            | Biloxi MS; "Talk Radio 1640 WTNI" ID and weather in mid-to high 80s; also heard on this frequency was ESPN's V-show with Bob Valvano; WTNI is not listed on ESPN's affiliates nor is this show listed on WTNI's web site | G          | 0605       | 23/9        | AB         |
| 1640       | WTNI            | Biloxi MS; C2C talk & traffic  | W/Fpks     | 0406       | 29/9        | Rha        |
| 1640       | WTNI            | Biloxi MS; "Talk Radio 16-40, WTNI, Biloxi" toth ID, ABC news  | G          | 0000       | 7/10        | PL         |
| 1640       | WTNI            | Biloxi MS; with unlisted ESPN programming instead of former Coast 2 Coast; ID  | Fpk        | 0400       | 8/10        | SW         |
| 1640       | WTNI            | Biloxi MS; "Talk Radio 16-40 WTNI"   | W/F        | 0430       | 10/10       | JWe        |
| 1640       | WTNI            | Biloxi MS; ESPN Radio ID (New Format)  | W          | 0617       | 11/10       | JW         |
| 1640       | WTNI            | Biloxi MS; ESPN sports, "News talk and sports News Radio 16-40 WTNI Biloxi Gulfport and more" ID & ABC News  | W          | 0653       | 13/10       | BD         |
| 1640       | WTNI            | Biloxi MS; ESPN Radio – World Series. "News, Talk and Sport Radio. Radio 16-40 WTNI"   | F          | 0210       | 23/10       | PC         |
| 1640       | WTNI            | Biloxi MS; ESPN Radio promos "... on Talk Radio 16-40 WTNI ...", ABC News  | W/F        | 0557       | 23/10       | mah        |
| 1640       | UNID            | Latin mx via ???   | F/G        | 0252       | 6/10        | PL         |
| 1640       | UNID            | "AM 16-40 Radio Disney"; KDZR or WKSH? – propagation would suggest KDZR  | W/F        | 0519       | 6/10        | mah        |
| 1650       | WHKT            | Portsmouth VA; Burger ads, "Radio Disney" IDs  | W/F        | 2258       | 20/9        | PC         |
| 1650       | WHKT            | Portsmouth VA; Radio Disney pops   | W/F        | 0519       | 22/9        | BD         |
| 1650       | WHKT            | Portsmouth VA; Radio Disney pops and children's ads  | F          | 0445       | 23/9        | AB         |
| 1650       | WHKT            | Portsmouth VA ; "AM 16-50 Radio Disney" ID   | G          | 2307       | 26/9        | SW         |
| 1650       | WHKT            | Portsmouth VA; "AM 16-50 Radio Disney Norfolk"   | F/G        | 0706       | 23/10       | mah        |
| 1660       | WCNZ            | Marco Island FL; college football "Relevant Radio Sports Network"  | F/G        | 0113       | 22/9        | PC         |
| 1660       | WCNZ            | Marco Island FL; Relevant Radio religious studio talk  | F          | 0520       | 22/9        | BD         |
| 1660       | WCNZ            | Marco Island FL; religious talk and "Relevant Radio" ID  | F          | 0547       | 22/9        | AB         |
| 1660       | WCNZ            | Marco Island FL; "Relevant Radio"; slogan + Christian talk   | F          | 0615       | 29/9        | SW         |
| 1660       | WCNZ            | Marco Island FL; Relevant Radio ID; religion   | G          | 0300       | 6/10        | PL         |
| 1660       | WWRU            | Jersey City NJ; Korean talk  | F          | 2253       | 22/9        | PC         |
| 1660       | WWRU            | Jersey City NJ; late legal ID mixing with Relevant Radio   | F          | 0501       | 24/9        | SW         |
| 1660       | WWRU            | Jersey City NJ; "16-60 AM WWRU ..." legal ID   | W          | 0600       | 26/9        | AB         |
| 1660       | WWRU            | Jersey City NJ; ads in oriental language (Korean?), legal ID in English "This is multicultural broadcasting WWRU Jersey City, New York City"   | G          | 0500       | 21/10       | JWe        |
| 1660       | WFNA            | Charlotte NC (presumed); ESPN radio with live sport  | F          | 2325       | 26/9        | SW         |

| kHz  | Callsign | Station, location; details heard etc  | SIO  | UTC  | Date  | Who |
|------|----------|---|------|------|-------|-----|
| 1660 | WFNA     | Charlotte NC; first time I've heard this station use its callsign; slightly earlier at 0102 the more familiar "Sports Leader of the South ESPN Radio" was used  | Fpks | 0103 | 29/9  | AB  |
| 1660 | WGIT     | Canóvanas PR; "La Gigante" ID   | W/F  | 2257 | 24/9  | mah |
| 1660 | WGIT     | Canóvanas PR; "WGIT" and "La Gigante" IDs   | W    | 2200 | 2/10  | PC  |
| 1660 | WGIT     | Canóvanas, PR; ballads and "La Gigante" and full legal ID   | G    | 2302 | 3/10  | SW  |
| 1660 | WGIT     | Canóvanas PR; sports  | vG   | 2214 | 8/10  | PL  |
| 1670 | WVVM     | Dry Branch GA; SS "Viva 16-70" ID; fair at 0258 but had completely disappeared by 0300 (heard again at 0530)  | F    | 0258 | 29/9  | PC  |
| 1670 | WVVM     | Dry Branch GA; Latin rhythms  | W    | 0548 | 29/9  | BD  |
| 1670 | WVVM     | Dry Branch GA; SS music and "Aquí está la major musica, Viva ..." slogan  | F    | 0507 | 30/9  | AB  |
| 1680 | WLAA     | Winter Garden FL; "Que Buena" IDs among SS music  | F    | 0529 | 21/9  | AB  |
| 1680 | WLAA     | Winter Garden FL; "Que Buena"   | F    | 0455 | 1/10  | JWe |
| 1680 | WLAA     | Winter Garden FL; "Que Buena" slogan  | F    | 2349 | 4/10  | SW  |
| 1680 | WLAA     | Winter Gardens FL; Many "la Que Buena" IDs  | W/F  | 0001 | 11/10 | PC  |
| 1680 |          | <b>Radio Senda, San Pedro de Macoris</b> ; SS religious talk, music, F and Radio Senda ID, with telephone number (809) 405 3016 and "la emisora de la unidad cristiana"; note number is different from that reported by Torolf Jonsson / Henrik Klemetz | F    | 0227 | 26/9  | AB  |
| 1690 | WMLB     | Avondale Estates GA; classical mx   | W/F  | 0546 | 29/9  | BD  |
| 1690 | WMLB     | Avondale Estates GA (pres); Mozart French Horn Concerto   | F    | 0235 | 11/10 | PC  |
| 1690 | WPTX     | Lexington Park MD; commercials & "AM 16-90 WPTX" ID   | W/F  | 0527 | 22/9  | BD  |
| 1690 | WPTX     | Lexington Park MD; feature on a new book about September 11 <sup>th</sup> then ID "WPTX Lexington Park"   | W    | 0442 | 23/9  | AB  |
| 1690 | WPTX     | Lexington Park MD; advert for Toyota of Southern Maryland at Lexington Park   | F    | 2310 | 26/9  | SW  |
| 1690 | WPTX     | Lexington Park MD; ads and rolling news   | G    | 2258 | 5/10  | PL  |
| 1690 | WPTX     | Lexington Park MD; "You're listening to News talk 1690 AM WPTX Lexington Park"  | F/G  | 2242 | 10/10 | PC  |
| 1700 | WEUP     | Huntsville AL; gospel music and "WEUP the People's Station" followed by more words obscured by KVNS.  | W    | 0041 | 29/9  | AB  |
| 1700 | WEUP     | Huntsville AL; lists of Sunday worship times "If you would like to announce ....on WEUP's calendar ....." then "The People's Station WEUP"  | F    | 0253 | 29/9  | PC  |
| 1700 | WJCC     | Miami Springs FL; SS Prayer followed by "Radio Voz Mundial"   | G    | 0547 | 22/9  | AB  |
| 1700 | WJCC     | Miami Springs FL; SS religious talk, then "WJCC 1700 AM"  | W    | 0129 | 25/9  | PC  |
| 1700 | WJCC     | Miami Springs FL (tent); SS preacher shouting   | W/F  | 0501 | 27/9  | HP  |
| 1700 | WJCC     | Miami Springs FL; SS religious studio talk  | W/F  | 0543 | 30/9  | BD  |
| 1700 | KKLF     | Sherman TX; announcement "on Talk Radio 5-70 KLIF" appeared from KVNS and WEUP mix  | W    | 0250 | 17/10 | AB  |
| 1700 | KVNS     | Brownsville TX; "KVNS" ID   | W    | 0205 | 29/9  | PC  |
| 1700 | KVNS     | Brownsville TX; "KVNS Brownsville, the new home for Dallas Cowboys football. News Talk 1700 KVNS, the Valley's place to talk"; followed at TOH by Fox News Radio news   | F    | 0459 | 29/9  | AB  |
| 1700 | KVNS     | Brownsville TX; "KVNS 17-10 The Valley's Place to Talk"   | W    | 0500 | 6/10  | JWe |

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.
- BOC Giampiero Bernardini & Dario Monferini; Bocca di Magra, SP, Italy; CiaoRadio H101 + SDR-14 + AOR AR7030; Wellbrook LFL1010 loop
- chm Christoph Mayer; Neustrelitz, Germany; AR7030; K9AY
- FW Friedhelm Wittlieb, Lünen, Germany. Satellit 700, KW-Loop and Martens-Rahmen.
- HP Hans Pammer, Loosdorf, Austria, Icom IC R75, K9AY, Redsun RP 2100, ferrite
- JF John Faulkner, Sutton-in-Ashfield, Notts. AOR AR7030, ewe antenna, Dream v1.5csv DSP-IF filter.
- jw John Williams, Clashmore, Sutherland. AOR 7030 and antennas as per mah.
- JW John Williams, Hemel Hempstead. AOR 7030 and 40m long wire.
- JWe Jack Weber, Hertfordshire, WINRADIO G313i & FlexradioSDR-1000, Wellbrook ALA1530
- mah Martin Hall, Clashmore, Sutherland. NRD-545, RPA-1 preamp, beverages: 513m at 240°, unterminated; 475m at 265°, terminated; 506m at 290°, terminated; 550m at 340°, terminated.; TotalRecorder, Technics RS-BX404 cassette deck.
- PC Paul Crankshaw, Troon, Scotland, AOR AR7030, EWE
- PL Paul Logan, Lisnaskea, N. Ireland.
- Rha Ronald Hagensen, Ottersberg, Germany. AOR 7030plus, longwires 22m at 315° and 28m at 280°, Mizuho AT-2000 antenna coupler.
- SW Steve Whitt, High Catton near York. AOR7030+ and HF225 Europa with dual loop K9AY.

**Steve** writes: “Unidentified carrier on 928.0kHz seems to have disappeared since 8th October. 1390 & 1400 have been unusable for me since Big L returned on 1395 even though they have a good signal without excessive splatter. A good sign-post for west coast DX is the three time pips aired by CJVB on 1470 at the top of the hour. Winter style DX conditions, with fade outs much later than sunrise, first noted on 20/10 with trans-Atlantic signals still audible after 0900utc”.

**Paul C:** “A disappointing month. It was almost impossible to get out to the Great Lakes and beyond. The Caribbean on the other hand appeared quite dominant with Cuba heard at reasonable strengths most mornings”.

**Hans:** “Highlight this month was Asia. I once heard Japan on 1242 and the Philippines on 1170. The later with a real strong signal”.

Here in Clashmore there have been some good morning openings to the west coast of North America and to Alaska during the past month, and there was a fine opening to the prairies on 10<sup>th</sup> October. On days of less stable propagation many of the more common east coast stations have been suppressed in strength at times, and this has led to some interesting stations come through that are not heard very often. Asian stations have also been at very good strength from time to time during afternoons, though only the more common stations have been heard here so far. Sign-off or power down of North American east coast stations in the late evening has provided something of a challenge, and has resulted in some worthwhile catches. Let’s hope that we get some more good openings over the next month as we move towards the shorted days of mid-winter.

The **deadline** for the December DX Loggings is **Tuesday 23<sup>rd</sup> November**. 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. Please 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.

73’s Martin

# VERIFICATIONS SECTION

✉ 59 Moat Lane, Luton, Bedfordshire LU3 1UU, UK

with Clive Rooms

e-mail: [verifications@mwcircle.org](mailto:verifications@mwcircle.org) ☎ 01582 598989

| Station           |          | kHz  | A  | B  | C   | who | Station            |          | kHz  | A   | B  | C  | who |
|-------------------|----------|------|----|----|-----|-----|--------------------|----------|------|-----|----|----|-----|
| <u>Australia</u>  |          |      |    |    |     |     | HRT                | <u>6</u> | 1134 | ppc | 1  | 30 | JR  |
| 6SE Esperance WA  | <u>1</u> | 747  | e  | no | 696 | VS  |                    |          |      |     |    |    |     |
| 4TAB Brisbane QLD | <u>2</u> | 1008 | e  | no | 27  | VS  | <u>Japan</u>       |          |      |     |    |    |     |
| 6NW Pt Holland WA | <u>3</u> | 1026 | e  | no | 1   | VS  | JOFR Fukuoka       | <u>7</u> | 1278 | lt  | no | 66 | VS  |
| 5PA Naracoorte SA | <u>4</u> | 1161 | lt | no | 39  | VS  | <u>Philippines</u> |          |      |     |    |    |     |
| 5DN Mt Gambier SA | <u>5</u> | 1323 | e  | no | 3   | VS  | DZAR Quezon City   | <u>8</u> | 1026 | e   | no | 3  | VS  |
|                   |          |      |    |    |     |     | DYAB Cebu City     | <u>9</u> | 1512 | e   | no | 20 | VS  |
| <u>Croatia</u>    |          |      |    |    |     |     |                    |          |      |     |    |    |     |

A= what was received; B= what return postage was sent; C = days to get a reply

## Notes:

- 1 Vince originally sent a snail-mail letter but had no response after nearly 2 years but he then managed to get hold of the [mike.penny@mrworks.com.au](mailto:mike.penny@mrworks.com.au) address. Mike replied within a day or two.
- 2 [radiotab@radiotab.com](mailto:radiotab@radiotab.com)
- 3 [nwr.hedland@wafm.com.au](mailto:nwr.hedland@wafm.com.au)
- 4 ABC South East SA, PO Box 1448, Mount Gambier 5290
- 5 [ianwright@arn.com.au](mailto:ianwright@arn.com.au)
- 6 Dane Pavlic, Head of Station, Hrvatska Radio, Prisavlje 3, 10000 Zagreb.
- 7 RKB Mainichi Broadcasting Corporation, Engineering Department 2-3-8, Momochilahama, Sawara-ku, Fukuoka 814-8585.
- 8 [dzar@sonshineradio.com](mailto:dzar@sonshineradio.com)
- 9 ABS-CBN Broadcast Complex, Jagobiao, Mandaue City 6014. Vince's reception of the station was mentioned on-air and resulted in correspondence for several days with the v/s at [bosingutz@yahoo.com](mailto:bosingutz@yahoo.com)

## Verification Signers

4TAB – Van Richards-Smith, Chief Engineer (VK4ZVZ) 6NW – Leonie Evans

DZAR – Leng Nedtran

DYAB – Edgar Gutierrez

## Contributors

Just the two this month: VS-Vince Stevens in South Africa, Jim Renfrew in USA

Here's a few recent v/s to fillout the page. 73s until the next time – Clive.

780 CFDR – Frank Lowe

850 WEEI – Jason Wolfe, Vice President

960 WEAV – Tim Buskey, Programme Director

1160 WYLL – Dave Dybas, Chief Engineer

1190 WLIB – Michael Shapira

1270 WXYT – Dan Zampillo, PD

1290 CJBK – Barry Smith

# WRTH 2007

WORLD RADIO TV HANDBOOK  
61st EDITION

# PASSPORT TO

WORLDWIDE RADIO  
2007 EDITION

Order either or both of these two indispensable guides through MWC / BDXC and make a great saving if you order by 25th November. Prices even lower this year thanks to new postage rates!

The **WORLD RADIO TV HANDBOOK** prides itself in being the most comprehensive guide to the world's **LW, MW, SW and FM** stations. With an international network of contributors WRTH provides the most up-to-date information available in any publication on domestic and international broadcasting.

Save £6.50 on the UK cover price!!

**PASSPORT** The easy-to-use guide to **shortwave** radio - famous for its *Blue Pages* hour-by-hour SW frequency guide and its no-holds-barred receiver and antenna reviews. Also included this year are articles on radio in Taiwan and Korea.

Save £3.50 on UK cover price!!

**Passport and WRTH will be despatched as soon as available so please order NOW as these special pre-publication prices are for advance order only. Deadline for receiving orders is 25 November 2006. NB the books will be sent separately in early December.**

## ORDER FORM

SEND WITH PAYMENT TO:

ANDREW TETT - BDXC  
19 PARK ROAD  
SHOREHAM-BY-SEA, BN43 6PF  
UK

### Price (includes postage)

United Kingdom

Europe (including Eire) - airmail

Rest of World - airmail

### WRTH 2007

£16.50

£18.00 (€28 cash/Paypal)

£22.00

### PASSPORT 2007

£14.00

£16.00 (€25 cash/Paypal)

£20.00

Please send me (number of copies) .....WRTH 2007 .....PASSPORT 2007

Amount enclosed £..... Method of payment.....

**Please note:** All cheques, POs etc must be payable to British DX Club.

Cheques/POs must be in £ sterling and drawn on a UK bank. Payment also accepted in euros or dollars (cash only) at the appropriate exchange rate or correctly-stamped IRCs (1 IRC=£0.45). Please enclose an SAE / IRC if you require a receipt. Email enquiries to: [andrew@bdxc.org.uk](mailto:andrew@bdxc.org.uk)

**Paypal** We can now accept payments via Paypal. Paypal payments should be sent to [bdxc@bdxc.org.uk](mailto:bdxc@bdxc.org.uk) Please add 5% if paying by Paypal, to cover Paypal fees.

NAME.....(email.....)

ADDRESS.....

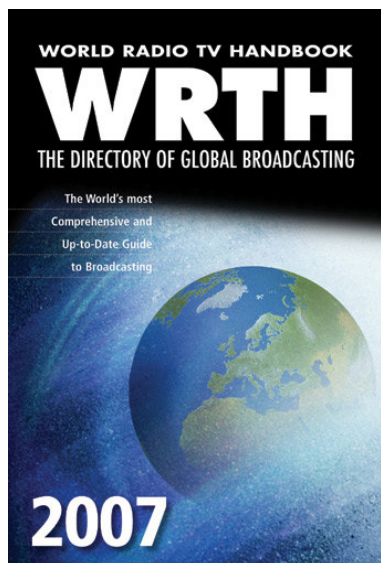
.....

.....Postcode.....



Postage savings means we can reduce the price of both titles to UK members this year, despite an increase in the WRTH cover price!

## World Radio TV Handbook 2007



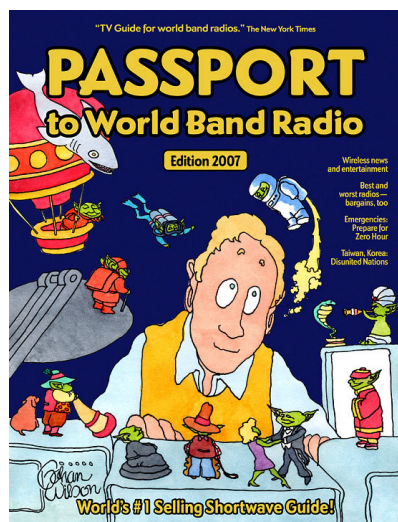
WRTH consolidates its position as the most comprehensive guide to broadcasting on the planet with its **61st edition**. With the help of an international network of contributors WRTH provides the most up-to-date information on mediumwave, shortwave and FM broadcasts available in any publication.

This essential guide for both DXer & serious listener and praised for its accuracy, WRTH 2007 will include in its 688 pages:

- **National Radio** – Country by country directory of national radio stations, updated by worldwide contributors, many who are DXers themselves. Including MW frequency lists by region.
- **International Radio** – Up-to-date winter SW frequency schedules, comprehensive frequency-order list of SW stations and hour-by-hour broadcasts in English, French, German, Portuguese & Spanish. Plus an expanded Clandestine radio section.

- **Features** on broadcasting in the Pacific; interviews with VOA, BBC WS, DW and VT.
- **Television** broadcasters by country
- **Maps** showing all SW transmitter sites
- **Reviews** of the latest receivers & equipment
- **Reference** inc domestic SW transmitter sites.

UK cover price £23. **Special price for MWC members: £16.50 (UK) including postage;**  
Europe: £18 (or 28 Euros cash / Paypal); Outside Europe: £22 including postage



## Passport to World Band Radio 2007

The World's #1 selling shortwave guide, Passport continues to tell you in its easy to use format:

- **Whats On shortwave:** in its famous hour-by-hour, frequency-by-frequency *Blue Pages* guide. Plus the pick of suggested shortwave programmes to tune into, worldwide broadcasts in English and contact details for SW broadcasters.
- **What to Choose:** How to choose a Worldband radio plus Passport's comprehensive reviews across the range from portables to table-top & professional receivers. Plus compact aerials and wire antennas reviewed.
- **Features – Disunited Nations:** Taiwan: China on the Edge  
Korea: Ancient Kingdom makes waves.

UK cover price £17.50 **Special price for MWC members: £14.00 (UK) including postage;**  
Europe: £16 (or 25 Euros cash); Outside Europe: £20 including postage

### Order Deadline 25th November

Cheques/POs payable to British DX Club please, in £ sterling drawn on a UK bank. (Euro/dollar payments only by cash at the appropriate exchange rate or by Paypal).

Paypal payments to [bdxc@bdxc.org.uk](mailto:bdxc@bdxc.org.uk) (please add 5% if paying by Paypal)

Email enquiries to club secretary Andrew Tett: [andrew@bdxc.org.uk](mailto:andrew@bdxc.org.uk).

Please send orders to: British DX Club, 19 Park Road, Shoreham-by-Sea, BN43 6PF, UK