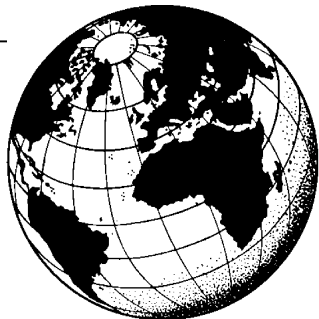


MEDIUM WAVE NEWS

MEDIUM WAVE CIRCLE

March 2007 Volume 52 No. 10



- ♣ *Website record set*
- ♣ *MW loop source book*
- ♣ *Membership reminder*
- ♣ *SDR1000 more thoughts*
- ♣ *Past members –lost & found*

Hon. President*	Bernard Brown, 130 Ashland Road West, Sutton-in-Ashfield, Notts. NG17 2HS	
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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 members: James Niven, Moody TX; Fred Kincaid, Midland, MI; Harvey Holt, Grimsby; Hiroyuki Mori, Yokohama, Japan; John Murphy, Telford; Chris Mennan, Telford; Peter Conway, Hastings; Rocco Controneo, Brazil; Jean-Pierre Girard, France; G Harley De Leurere, Hendricks, WV - rejoin. **WELCOME TO THE CIRCLE!**

Stop Press Deadlines:	1 st April for April 2007	30 th April for May/June 2007
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Cover illustration: Time magazine celebrates RCA's David Sarnoff July 23 rd 1951

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EDITORIAL

with Steve Whitt

✉ Landsvale, High Catton, Yorkshire YO41 1EH
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Reminder: Membership Renewal Time

If your membership subscription to the Circle is due to run out at the end of March 2007 you should have received a renewal form included with the last issue of MWN. If you are in any doubt about when your membership runs out, please check the date on your address label on the envelope.

Please note that if you do not renew promptly the next issue will be the last copy of MWN that will arrive through your letter-box.

MEMBERSHIP FEES FROZEN FOR 13th YEAR RUNNING!!

	1 year to Mar 2007	2 year to Mar 2008	3 year to Mar 2009
UK	£12	£22	£33
Europe (Inc Eire)	£16/30Eu	£30/50Eu	£45/75Eu
Rest of World Airmail	£21 / \$35US	£39 / \$65US	£59 / \$95US
Surface	£16 / \$27US	£30 / \$50US	£45 / \$75US

Payment

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



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

Circle Website News:

Second G313 Receiver to be located in Western Australia

A second WiNRADiO G313 will be on-line for members use from the third quarter of this year. This receiver will be located in a northern suburb of Perth, in Western Australia and will allow members to listen to stations from the Indian Ocean area, as well as AU. However, this receiver will not have the DRM option available.

No decision has been made as to the type of antenna that will be used as this depends on a site survey that will take place in early March. The server has been packed and will begin the long sea passage to Australia, via Singapore on Friday 19th January to arrive in Freemantle in early March.

A site has been found for the second receiver. It will be located in a suburb of Perth WA, approximately 32 km from the city centre called Clarkson. The site is very close to Neerabub National Park. A site survey will begin in early March to determine the type of antenna that will be used. The container ship with the server and associated equipment is due to arrive in Freemantle late next week.. Stay tuned for news on this exciting project.

More Antenna & Propagation information

The Circle website now has a substantial section introducing MW antennas and MW propagation which should be of help to members and non-members alike.

On-line UK station lists

Up to date and accurate lists of UK Commercial, BBC and Low Power AM stations are now regularly updated on the Circle website. However the lists will only be accurate if you report changes that you notice or hear about. You can report them to the e-mail list or directly to John Williams who edits our Home Front column.

On-line membership renewals

This is the first year that we've been equipped for on-line membership renewals. It's easy, reliable and secure so why not use it?

Thanks to Tony, our webmaster, for his continuing efforts to develop the club's on-line presence.

	Average Daily visitors
Feb 2007	771
Jan 2007	651
Dec 2006	527
Nov 2006	445
Oct 2006	386
Sep 2006	346

Website visitors – record set

Since the Circle website was relaunched last spring the number of visitors have continued to grow every month. In February 2007 the average number of visitors reached 771 per day and February 21st set an all-time record with 994 visits in one day! Compare this with 80 per day on average in April 2006 in the fortnight after the website was relaunched.

Editorial e-mail

After many years of use I've finally decided to retire editor@mwcircle.org because it has become a powerful spam magnet. The new editorial address is mwneditor@mwcircle.org

Past members – vanish!

I've searched the MWN archive CDs that Tony put together for various early members. It's great that Adobe Acrobat can search a complete disc in one go for a name; much quicker than a paper search!

Very oddly I've observed several active members just disappear. Their name appears frequently for, say, a decade or more and then never gets another mention in MWN.

For example:

Malcolm Dickinson: new member 1965. Regular names checks and renewal shown until Nov 83; then no mentions until renewal in April 86; Vol 32/1 then disappeared.

Denis Parkes (sometimes Dennis) First appears March 65 then regularly. Membership expired Sept 1984 not mentioned in MWN since.

Alastair Woodland Active Jan 65; regular name checks; Listed as Verification Editor in Feb 68 - then no more mentions until Sept 78 in a historical context

Not clear if they fell out with Ken Brownless & left the Circle or if they resigned or died.

So far I've found only only two names mentioned in MWN as a Silent Key (**Dick Coales** and **Pat Dobbs**). Other people just vanish! Very strange.

Past members – reappear

This month we welcome back G Harley DeLeurere who was first a Circle member when he was growing up in Aberdeen in 1957. Harley has been living in West Virginia for many years now where he is a church pastor. Harley kindly phoned and we had a lengthy interesting conversation.

Past members – recalled

Because of the printing process used for MWN, no pictures were published which meant that it proved a bit tricky finding images of Ken Brownless and Charles Molloy for the “In Memory” section of the Circle website. Fortunately Practical Wireless has a complete print archive and they provided us with information and an image of Charles Molloy.



Charles Molloy



Ken Brownless

Silent Key Sale

As many of you will remember, Arthur Owen G2FUD, one of our club members passed away in April 2005, and his family are now looking to find homes for most of his radio equipment, and wanted to give the first option on them to Arthur's friends at the NDB List and Medium Wave Circle, both of which he was a long time member.

They have the following items available, and further details, or enquires can be made Arthur's daughter Rhian at: E-mail: rhian184@hotmail.com Tel: 0161 928 1321. The items are located in Cheshire, UK. Prices are in GB Pounds:

Watkins-Johnson HF-1000 HF Receiver - £2500

Kenwood TS850S HF TCVR + AT850Auto Antenna Tuner, YK88C1 500 Hz Filter, DRU2 Digital Recording Unit, SP31 Ext Speaker - £699

Sony ICF-2001D Synthesized Receiver + Sony Adaptor - £199

Yaesu FT-817 HF/VHF/UHF TCVR + Telescopic Whip Antenna - £350

Yaesu FT290R2 2M Multimode TCVR + Yaesu FL2025 2M Clip-on Lin Amp - £275

ICOM Computer Receiver IC-PCR1000 + PSU - £199

AEA PK-900 Data Mode Controller - £199

Finally

It's taken me 2 months to restore my K9AYs after they were destroyed by gales in mid-December. (The wind broke the fibreglass support in 2 places!) But I was in no hurry to rebuild as DX in January seemed poor and I nearly broke my thumb skiing in early January in Vermont.

73s *Steve*

IONOSPHERIC REPORT

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

Daily Geomagnetic Data

Date	Middle Latitude -- Fredericksburg --								High Latitude ---- College ----								Estimated ---- Planetary ----										
	A	K-indices							A	K-indices							Ap	K-indices									
2007 01 30	17	4	4	3	2	3	3	3	3	40	2	4	6	6	6	3	3	3	21	4	5	4	3	3	3	3	3
2007 01 31	13	3	3	3	3	2	3	3	2	33	3	3	5	6	5	3	4	3	16	3	3	3	3	3	3	3	3
2007 02 01	7	3	2	2	2	1	1	2	2	20	5	3	3	5	3	1	2	2	8	3	2	3	3	1	1	2	2
2007 02 02	2	0	0	1	0	1	2	0	1	3	1	1	1	2	1	1	1	0	2	1	1	1	0	0	1	1	1
2007 02 03	1	0	2	1	0	0	0	0	0	2	1	1	1	1	0	0	1	0	3	1	2	0	0	1	0	0	1
2007 02 04	2	0	0	2	1	0	1	1	1	3	0	0	2	3	0	0	0	0	2	0	0	1	1	0	0	1	1
2007 02 05	4	1	1	2	1	1	1	1	2	7	0	0	2	2	4	2	1	1	6	1	1	1	1	2	2	2	2
2007 02 06	6	1	2	3	2	1	1	1	1	10	1	3	3	3	1	1	2	8	1	3	3	3	1	0	1	1	
2007 02 07	8	2	1	2	2	2	2	3	2	18	1	2	3	5	5	2	2	2	10	3	2	3	2	2	2	3	2
2007 02 08	6	2	2	2	2	2	2	1	1	14	3	1	3	5	3	3	1	0	7	2	3	2	2	1	2	1	1
2007 02 09	3	1	2	2	1	0	1	1	0	4	2	1	1	3	1	1	0	0	4	1	2	2	1	0	0	1	1
2007 02 10	2	2	1	0	0	0	1	0	1	4	1	2	0	2	0	2	1	1	3	1	1	0	0	0	1	1	1
2007 02 11	1	0	1	0	0	0	0	1	1	1	0	0	0	1	0	0	1	1	2	0	1	0	0	0	0	2	2
2007 02 12	4	0	1	0	1	2	2	2	2	11	0	0	0	4	4	4	2	1	7	0	1	0	2	3	3	2	3
2007 02 13	13	2	2	3	1	2	2	2	5	18	2	0	1	2	4	5	2	5	17	2	2	2	1	1	4	4	5
2007 02 14	16	3	3	4	4	2	3	3	2	29	4	3	4	6	4	3	4	3	18	4	3	3	3	3	3	4	2
2007 02 15	15	2	5	2	3	3	3	2	2	16	2	3	2	5	4	3	2	1	11	2	4	1	2	2	2	3	2
2007 02 16	6	3	2	1	0	1	1	2	2	9	1	1	3	2	4	2	1	1	6	1	2	2	1	1	1	2	3
2007 02 17	7	2	3	1	1	1	1	1	3	7	3	2	1	1	1	3	1	2	8	2	3	1	1	1	2	1	3
2007 02 18	3	2	0	1	1	1	1	1	0	7	1	1	1	3	3	3	1	0	5	1	0	1	1	2	2	1	2
2007 02 19	2	0	0	0	0	2	1	1	1	3	0	2	1	1	2	2	0	0	3	0	0	0	0	2	2	1	1
2007 02 20	1	0	1	0	0	1	0	0	1	1	0	0	0	0	1	0	0	0	2	0	0	0	0	1	1	0	1
2007 02 21	1	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0
2007 02 22	2	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	2	0	0	0	0	1	1	0	1
2007 02 23	2	1	0	1	0	1	1	1	0	0	0	0	0	0	1	0	0	0	2	1	1	0	0	1	1	0	1
2007 02 24	2	0	0	1	0	2	1	0	1	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	1
2007 02 25	4	1	1	1	0	2	2	2	1	1	0	0	0	0	1	1	1	0	3	1	1	0	0	0	1	2	1
2007 02 26	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	2	3	1	1	0	0	-1	-1

Short term Forecast

UTC Date	Radio Flux 10.7 cm	Planetary A Index	Largest Kp Index
2007 Feb 28	90	10	3
2007 Mar 01	90	5	2
2007 Mar 02	85	5	2
2007 Mar 03	85	5	2
2007 Mar 04	85	5	2
2007 Mar 05	85	8	3
2007 Mar 06	85	10	3
2007 Mar 07	80	5	2
2007 Mar 08	80	5	2
2007 Mar 09	75	5	2
2007 Mar 10	75	5	2
2007 Mar 11	75	8	3
2007 Mar 12	75	20	4
2007 Mar 13	75	15	3
2007 Mar 14	75	12	3
2007 Mar 15	75	8	3
2007 Mar 16	75	5	2
2007 Mar 17	75	5	2
2007 Mar 18	75	5	2
2007 Mar 19	75	5	2

SDR1000: SOME THOUGHTS

by Guy Atkins

Guy Atkins has been running a SDR1000 software defined radio for nearly a year and has been reporting regularly on his weblog <http://www.sdr-1000.blogspot.com/> but he'd decided to draw his commentary to a close with this final short report.

The verdict. Over eleven months ago I began this blog as a journal of my experiences using the unique SDR-1000 radio for DXing trans-Pacific medium wave and tropical band stations. It's been a very interesting trip for me, and I hope the many readers who have followed this blog have benefited.

It's time to bring this exercise to a close, as I feel confident in saying that the Flex-Radio SDR-1000 is the best and most feature-filled communications receiver I've had the pleasure to use or own since 1969. DXers who are comfortable with configuring and tweaking their own computers will be the most comfortable with the SDR-1000. Those who would rather spend less time "under the hood" should investigate the Winradio G3 series, which are also very fine DSP receivers. Do you enjoy regularly updated software and the benefits of open source development? Then the Flex-Radio SDR-1000 just "keeps getting better", as the company's slogan proclaims. In addition, study the features and specs of any DSP radio carefully, as there's a lot of complexity out there. What's an important feature or specification to one DXer may not be of value to another.

The real key to the best MW performance with the SDR-1000 is the addition of low-pass filters ahead of the antenna input. Please read my prior postings about the custom W1VLF filters I had made. They are not expensive, and help the radio achieve the same level of performance below the 160 meter ham bands as with the rest of the radio's coverage.

With this posting I'm bringing this blog to a close, at least in it's current form of emphasis on the SDR-1000. I'll be keeping it online and available for a while, and may transform it into a gadgets and DXing techniques forum sometime in the future.

Jan Alvestad adds his comments...

I've been using the FlexRadio SDR-1000 for almost two months (in a setup including an Edirol FA-66 with a max. 192 kHz bandwidth). This includes testing at two DX-peditions to Lista (see <http://fallingrain.com/world/NO/19/Stave.html>) using a 900-1100 m long beverage (direction: 285 degrees). We do get signals in excess of S9+50dB from stations located in Scotland, although our primary goal is to receive strong MW signals from across the Atlantic.

Based on my experiences so far I would say the SDR-1000 is an excellent "hard-core" DX performer. Sure, it does have a few shortcomings, none of them show-stoppers. Compared to my other receivers (Icom R75, Drake R8A and Eton E1) it performs very well. The SDR-1000 has a clear advantage over all the other receivers in audio recovery. It appears to be as sensitive as the others, however, excellent close-in dynamic range and superb selectivity occasionally allows the SDR-1000 to produce audio from difficult stations when the others will not even have traces of audio.

I've been using the recording facility as well. While it's easy to record (the data stream is close to 5.5 GB/h at 192 kHz), the current playback implementation is one of the weaker points of the software. It is usable but does have a large potential for improvement.

MW LOOP SOURCE BOOK

Compiled by Steve Whitt

One of the pre-requisites for effective MW reception is a good antenna. Ideally the antenna should be located outdoors away from sources of local electrical interference (increasingly prevalent these days from electrical devices in homes.).

Ideally the antenna should have directional characteristics meaning that it can enhance signals arriving from one direction whilst rejecting others from another direction. That way the antenna can help separate a desired signal from unwanted interference.



AOR LA-320



AOR LA-380



Terk AM – Advantage



Palomar LA-1

In the real world convenience and space often limit the possibilities for antennas, but fortunately the “loop antenna” is a very effective and convenient MW antenna.

Every MW listener should have one even if they have larger outdoor antennas because a loop remains the simplest way of direction finding an unknown signal and nulling out an undesired signal. MW loops antennas make good hobby projects and the simple can be built easily and cheaply. More sophisticated units can be built or purchased. But read reviews and check out manufacturers literature first; some loops are distinctly better than others.



Select-a-tenna 541



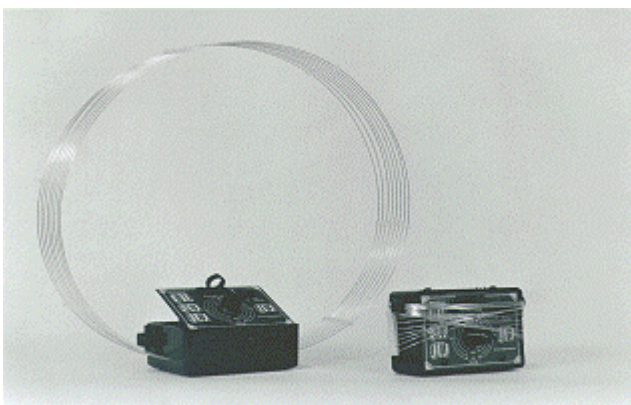
Super Select-a-tenna 541-S



Quantum QX Loop



ADDX MW2



Kiwa Pocket Loop



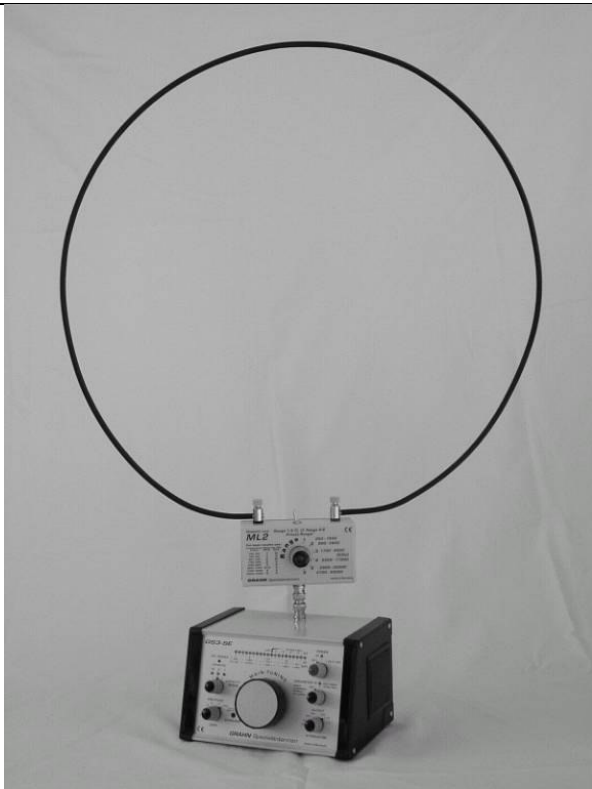
Pocket Loop ready for your pocket



Wellbrook LA5030



Wellbrook 1530



Grahn GS3-SE with ML2 module



PK loop – A Loop TAM

Currently available loops

Model	Features	Indicative price	Manufacturer/Supplier
Select-a-tenna: 541	I,P,T,●	\$59.95	Intensitronics Corporation, PO Box 28 Ashland Wisconsin 54806 USA Tel: 800 382 4155 Fax: 715-685-0474 http://www.selectatenna.com/
Select-a-tenna: 541-M	P,I/D,T,●	\$69.95	
Select-a-tenna: 541-S	A,T,R,I/D ,●	\$189.95	

Advantage - Indoor AM Antenna	P, ●	\$59.95 (sale price \$39.95)	Now marketed by Audiovox www.audiovox.com Available from C Crane Company Inc. http://www.ccrane.com/antennas/am-antennas/terk-am-advantage.aspx
Active Loop Antenna ALA 1530 (aluminium)	A,B,D,O, S, ●	£159	Wellbrook Communications The Farthings, Beulah, Llanwrtyd Wells, Powys LD5 4YD, UK Phone: 01591 620316 International Tel: 44 1591 620316 www.wellbrook.uk.com Sales@Wellbrook.UK.com
ALA 1530 (polyethylene)	A,B,D,O, ●	£159	
ALA1530S (higher spec)	A,B,D,O, ●	£200	
Indoor Loop Antenna LA5030	A,B,D, ●	£159	
Active Loop Antenna ALA 100 (large aperture)	A,B,D,O	£139	
Kiwa MW Air-Core Loop Antenna	A,D,E,R, T, ●	Recently discontinued	Kiwa 503 7th. Ave. N.E., Kasson, MN 55944 USA 507.634.6134 phone/fax kiwa@wolfenet.com http://www.kiwa.com (also sold via Universal Radio)
Kiwa Pocket Loop	A,C,T, ●	\$195.00	
PRM - Pocket Regeneration Module (other accessories also available)	A,R,T	\$48.00	
AM Radio Loop Antenna	T, I, P ■	\$48.75	MTM Scientific, Inc P.O. Box 522, Clinton, Michigan 49236, USA http://www.mtmscientific.com/loop.html
Quantum QX Loop v2.0	A,R,D,I,E, F, T ☐	\$199	Gerry Thomas KB4JFM, Radio+ Electronics, 3635 Chastain Way, Pensacola, FL 32504 USA; radioplus@bellsouth.net 904-434-3635 http://www.dxttools.com
Quantum QX Loop v2.0 +	A,R,D,I,E, F, T ☐	\$239	
Palomar LA1 amplifier base + BCB Ferrite Loop element (other elements for LW & SW available) LC1 inductive coupler	A,D,E,F, T, ☐	Base amplifier \$135 MW loop element \$135 LF element \$135 VLF element \$150 LC1 coupler \$49.95	Palomar, Box 462222 Escondido CA 92046 USA www.palomar-engineers.com Phone: 760-747-3343 FAX: 760-747-3346 Or order via Universal Radio, Inc
LA-320 comes with SW elements 320L longwave 320M medium wave	A,D,F,T, ☐&●	Product discontinued by loop elements may still be available from Universal Radio	AOR UK Ltd, Unit 9, Dimple Road Business Centre, Matlock, Derbyshire DE4 3JX England

LA-380 SW & general coverage loop	A,D,T ●	£189	Tel: +44 (0) 1629 581222 Fax: +44 (0) 1629 580070 www.aoruk.com http://www.universal-radio.com/CATALOG/sw_ant/3753.html
ADDX MW-2 Mediumwave 40cm Loop + optional amplifier	P,T,●	Current prices not available	Charly H. Hardt Funktechnik und Electronic Edelhoffstrasse 70, 42857 Remscheid, Germany
ADDX MW3 travel loop	P,T,●	Current prices not available	Tel.: (0 21 91) 80 59 8 Fax: (0 21 91) 83 55 7 http://www.charly-hardt.de/eigen.html
Grahn Magnetic Loop GS2-SE	●	base station 350DM, (less the MF converter 228DM) Ferrite modules: 69-109 DM, loops between 119-248 DM.	Grahn Spezialantennen, Stuttgarter Strasse 215, 73230 Kirchheim/Teck, Germany Tel.: (0 70 21) 97 98 50 Fax: (0 70 21) 97 98 52 http://www.grahn-spezialantennen.de
Grahn Magnetic Loop GS3-SE (base) ML2 MW module	●	299Euro for base 149Euro for ML2 149Euro for VLF2 69Euro for LW1	
A-LOOP-TAM	P,I,T ●	\$60 AUS	Contact Paul and Louise Karlstrand, Victoria, Australia.
A-LOOP-HI-FI	B,A,S,D ●	\$130AUS	http://www.amradioantennas.com E-mail: pkloops@bigpond.net.au
<i>Haverkamp Easy Loop</i>	A,C,●	<i>No current info available</i>	<i>Ingenieurbuero G. Haverkamp, Spiessgasse 31, 64665 Alsbach-Haehnlein, Germany Tel.: (0 62 57) 41 17 Fax: (0 62 57) 41 17</i>
<i>Martens Mediumwave Loop</i>	A,R,T,■	<i>No current info available</i>	<i>Juergen Martens Nachrichtentechnik, Zeppelinstrasse 38, 72800 Eningen, Germany Tel.: (0 71 21) 8 23 36 Fax: (0 71 21) 88 02 20</i>

Key: (information on features is included where known)

A = Active, powered amplifier (needs batteries or other source of electricity)

B = Broadband loop – no tuning necessary

C = Collapses easily for travel

D = Direct cable/plug to receiver (essential if receiver does not have its own internal ferrite rod)

E = Elevation adjustable (tilting) as well as rotatable

F = Ferrite rod element (otherwise air cored)

I = Inductive coupling to ferrite rod in receiver (see D above)

O = Outdoor compatible (otherwise only intended for indoor use)

P = Passive (no power needed, un-amplified)

R = Regenerative amplifier for ultra sharp tuning

S = Screened element (to reduce local electrical noise pick-up)

T = Tuned (usually a tuning capacitor tunes loop to resonance)

■◆● = shape of air cored loop; ☐ = ferrite rod

Obsolete Loops

You might find loops and aerials on the second hand market from manufacturers no longer in business today. Many were made by hobbyists in small volume. Examine second hand loops for mechanical integrity and check if the electronics is repairable should it be faulty (some makers encapsulate the amplifier in epoxy resin). Obviously try the loop out, but not in a high interference location such as at a "bring & buy" stall at a radio show or ham fest (you'll probably only hear the fluorescent lights and computers all around you!). Information in the following list may now be seriously out of date:

EGZ Costruzioni Elettroniche , CP 56, 27026 Garlasco, Italy LPF-1 very large aperture ferrite rod (110cm long) ; 3 versions; VLF, LW & MW; 10kHz-2MHz tuned
Deutschlandfunk Cologne, Germany Magic Disc; passive pre-tuned loop issued free by DLF to listeners; 1269kHz only; size & shape of 12inch LP record
Eldon Electronic Enterprises , PO Box 713, Port Coquitlam, BC V3B 6H9 Canada % 604-532-0170 EEE-195 desk top ferrite rod "loop" 540kHz-1700kHz; \$Can 150 EEE-195TL desk top "tri-loop" 540kHz-1700kHz; \$Can175
Fala Electronics , PO Box 1376, Milwaukee WI 53201-1376; % 414-671-5203 Model 1701 tunes 530-1700kHz \$48 + \$5.50 handling
Forster Radio Technology , PO Box 2356, reading RG6 7FQ % 01734-261972 TL Loop; 90cm diameter active broadband loop 10kHz-30MHz; was £79
Graham Maynard , 16 Woodford Avenue, Newtownabbey, N. Ireland BT36 6TL, UK; ATL-3 indoor spiral loop 140kHz - 32MHz optimised for MW + tropical bands ALN-2 improved ALN1 ALN-1 large outdoor fixed loop 100kHz-17MHz with in-built local noise nulling ATL-2 30inch square active tuned loop 50kHz-4.44MHz in 6 ranges (was £68)
Hewlett Packard Loop antenna for the HP117A VLF tracking receiver
Kiwa MW Air-Core Loop Antenna
Kowalski Loop The Kowalski Loop is an amplified MW ferrite rod type loop. It was built and sold on a very limited basis by former National Radio Club member Paul Kowalski. He only built them for people he knew, so there are not very many of them out there. The antenna consists of a base, amplifier unit, coil, and ferrite rod. The nulling capability, is definitely inferior to the Radio West Loop
Lowe Electronics , Chesterfield Road, Matlock, Derbyshire DE4 5LE; % 01629- 580800; http://www.lowe.co.uk UL1000 small desktop loop 500kHz - 30MHz
McKay Dymek , 111 So. College Av, Claremont CA 91711 USA; % 1-800-854-7769 DA5 shielded MW ferrite rod antenna; amplified; adjustable elevation; tuned
Mike B Evans , 120 Loughton Way, Buckhurst Hill, Essex IG9 6AR, UK Amplified box loop; ~£35
Phasetrack Ltd , 16 Britten Road, Reading RG2 0AU, UK; % 01734 752666 Liniplex Loop outdoor broadband amplified loop 50kHz - 30MHz; ~£400 Unique patented design; patents have run out now
Radio+ Electronics , 3635 Chastain Way, Pensacola, FL 32504 USA; %904-434-3635 Models: tuned ferrite rods; Quantum Loop (was \$165) and Q-Stick, QX and QX Pro

<p>RSM Communications (Ray Moore), Box 1046, Key Largo FL 33037 USA RSM-105 1m passive square loop for precision direction finding, models for 150kHz-7.6MHz</p>
<p>Radio West Loop; The loop consisted of a base, amplifier unit, coils and a three piece ferrite rod that was 15" long. It was fully rotatable and tiltable. The loop was produced from the late 70's - early 90's. (It was superior to the Space magnets; inferior to Quantum Loop 2 & Kiwa Loop).</p>
<p>Sanserino Loop (by Ralph Sanserino) Amplified ferrite rod loop; 2 coils 540-1700kHz & 1700-5000kHz</p>
<p>Torus Tuner was made by Edek Electronics, 622 Deer Park Avenue, Oakland, MD 21550 USA Tel: 301-334-5228 edek@mail.gcnet.net</p>
<p>VEA (E C van der Ecken and Eric Force), Sicklerville, NJ, USA; eforce@dobe.com Model VEA MW-1812: Tuned Inductively coupled loop \$79 Model MW-1812VE: Improved version of MW 1812 + direct receiver connection. 24 in high x 12" wide loop Discontinued Sept 1999</p>
<p>Worcester Electronics Laboratory, Models SM-1 and SM-2 Space Magnet (popular in 1970s) Shielded 12 inch ferrite rod with 2 stage pre-amplifier</p>
<p>Worldcom Technology, 1118 Raymond Avenue, Ft Pierce FL 34950 USA; %407-466-4640 Model NXL 250A = Amplified shielded loop, standard model covers 540kHz - 30MHz, choice of 20 or 12 in loop and 500-1700kHz MW version; MW version was \$85</p>

Questions to ask when buying a loop

Physical: how big? how easy to rotate? is it tiltable? how stable are mechanics for accurate nulling? indoor or outdoor use? Is a support provided or stand or a turntable needed?

Connection to receiver: direct coax cable to antenna socket on receiver? direct inductive coupling to internal ferrite rod of portable receiver? indirect coupling wand to link to receiver's whip?

Power: self contained batteries? on/off LED indicator? mains power adaptor? battery life?

Amplifier: Differential amp.? low noise design? overloaded by strong signals? is gain controllable? Low intermodulation or High Intercept Point essential for broadband (un-tuned loops).

Loop: air core or ferrite? dimensions? collapsible for transportation? electrostatically shielded winding? switchable tuning ranges? reduction gearing on tuning capacitor for precision tuning?

Overall Performance: bandwidth (Q) of a tuned/resonant loop? dynamic range or intercept point of a broadband amplified loop? Accuracy and symmetry of nulls?

Cost/availability: includes cables to connect to receiver? includes power adaptor? includes postage/tax? ex-stock or custom built? how long for delivery? Shipping charges – particularly overseas.

The best loop choice for a given DXer will be determined by the receiver, location, and type of DXing to be done. Sensitivity is not critical for night use, except in auroral conditions or at very remote quiet sites. Strong signal handling is very important at an urban site nearer high power transmitters, but less so in the country. Active loops are much more likely to generate intermodulation distortion products in the urban environment. The physical size of the loop is important to those who take it "in the field" or who have very small DX "shack" rooms. Good nulling is important to most of us, except perhaps for the steel-frame apartment dweller, who can only receive stations with the loop pressed up against a window. And a not-insignificant factor is, of course, price.

Footnote

If you spot any errors or omissions we'd like to know about them. Please e-mail us to let us know.

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 American AM dial. May I express my gratitude to the organisations which make this resume possible? Thanks this month to: - IRCA, NERW, Ohio Media Watch, Radio and Records dot com, KOJE and North American Radio Logbook.



- 830 WCRN** Worcester MA. This talker is now 50kW full time. (OM Paul Crankshaw) The station will broadcast Red Sox sports.
- 850 WKNR** Cleveland OH. After the recent sale of the station it remains on a sports format. The network has been changed from Fox to ESPN. The new station ID runs "ESPN 8-50 WKNR."
- 970 CFXE** Edson AB. This pop station has been granted a move to 94.3 FM. The AM/FM simulcast period for the station is **6 months**.
- 1020 KAXX** Eagle River AK. More problems and the station has left the air.
- 1140 CBI** Sydney NS. This regular UK visitor has requested a move to 97.1 FM. CBI has also requested a **12 month** simulcast period. (OM Paul Crankshaw)
- 1300 WAVZ** New Haven CT. This ex talker is now an ESPN sports station.
- 1320 CKEC** New Glasgow NS. This DXer friendly soft pops station will be moving to 94.1 FM in the next 6 to 12 months. The station dominates 1320 here in the UK!
- 1420 WDJA** Delray Beach FL. This business talk station has been sold. No news on plans to change the existing format.
- 1610 CHHA** Toronto ON. This Spanish station has returned to the air from its new transmitter site in the Port of Toronto. (Scott Fybush)
- 1650 CJRS** Montreal QC. The new Hebrew station has been heard testing in French by OM Paul Crankshaw. After the tests the station will operate as Radio Shalom with shows aimed at the Jewish community. A few years ago the calls CJRS were on 1510 from Sherbrooke QC causing interference to the old WMEX Boston MA!
- 1660 KXTR** Kansas City KS. The station reverts to its original calls. (ex WDAF) The format remains classical music.

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

1000 CM.. R. Granma, Manzanillo, ex 1370

Odd Påg/Henrik Klemetz, ARC

Jamaica

Mediumwave in Jamaica set to go digital

Industry rumours in Jamaica suggest that the Nationwide News Network (NNN) will shortly ink a deal with the RJR Communications Group for a long-term lease agreement of airtime to launch a brand new 24-hour station, Nationwide Digital AM, using RJR's AM frequencies.

Lester Spaulding, RJR chairman, would only confirm that "we (RJR) are in discussion with lots of people" about leasing airtime "on both AM and FM frequencies" but declined to comment on whether NNN boss Cliff Hughes was among those people. And Hughes said, "We are in discussion with several parties to secure an agreement that will provide islandwide distribution outlet for our news and other radio content".

In recent years, RJR's mediumwave transmitters have either been turned off or are operating on reduced power, as RJR has concentrated on FM. The plan is to broadcast digitally on mediumwave. But the Jamaica Observer says that the AM band is "totally unknown to more than 50 per cent of the population". It's not clear from this story which digital system would be used - HD Radio or DRM.

Jamaica Observer 14.1.2007 via NL Media Network via DXLD

Mexico

590 XEGTO La Nueva 95.9, León, 10/0.25 kW, rel XHGTO 95.9 MHz Héctor García Bojorge via CB

660 XEDTL R. Ciudadana, México, DF, ex La Radio de los Ciudadanos. Thanks to the RealDX group for help with the ID. Jim Pogue via IRCA's "soft" DX Monitor 44/18

770 XEREV XEREV-AM Radiolución, Los Mochis, ex-XEJJR - <http://www.promored.com.mx/Jjrios/jjrios.htm> Hideki Watanabe, RNM, via DXLD 6-036 (26.2 2006) and Henrik Klemetz, RealDX list 19.1.2007

1050 XED Radiorama Siglo 21, Mexicali, ex W Radio. The last word in the slogan was different each time – the first heard as "Radiorama Siglo Veintiuno 1050 AM, lo nuevo en la salud", the next time it was "...lo nuevo en la parapsicología", then "...lo nuevo en el pasatiempo" etc. John Wilkins, NRC IDXD 74/17

1170 XECD Fórmula 1170, Puebla ex XECD 1170 R. de Verdad. Thanks again to the RealDX group – especially Gert Nilsson - for help with the ID. J. Pogue, IRCA's "soft" DX Monitor 44/18

1380 XECO Romántica 13-80, México, DF, ex La Ke Buena, 50/5 kW Héctor García Bojorge via CB

1410 XEBS Sinfonola, La Más Perrona, México, DF Héctor García Bojorge via CB

Panama

1310 HO.. R. María, Panamá, new address: Urbanización Los Angeles, Av. Los Periodistas, Casa D-5, 0819-5581 El Dorado, Panamá.

Odd Påg/Henrik Klemetz, ARC

Puerto Rico

630 WUNO San Juan granted for U4 5/5 kW from two new towers at N18-25-59 W66-16-22

NRC AMS 74/16

1040 WZNA Moca – applies to increase their daytime power to become U4 9/0.245 kW

NRC AMS 74/15

US Virgin Islands

1620 WDHP R. República (Miami FL) is recently heard via WDHP

Various sources

SOUTH AMERICAN NEWS

✉ Kirkåsveien 15, NO-1850 Mysen, Norway

with Tore B. Vik

e-mail: sa-news@mwcircle.org ☎ +47-69891192

Argentina

<u>950</u> LR3	R. Belgrano is back as Radio Belgrano (ex La Nueva 950)	Nicolás Eramo in DXLD
<u>1120</u>	R. Copacabana, Buenos Aires	Cornachioni in ConDig
<u>1230</u>	R. Claridad, Monte Grande – ex 1080	Cornachioni in ConDig
<u>1540</u>	AM Tango, Buenos Aires – ex 1120	Cornachioni in ConDig
<u>1550</u>	R. Urkupiña, Buenos Aires – new ex 1510	Cornachioni in ConDig

Colombia

Updates to the WRTH 2007 from Henrik Klemetz:

Radionet ceased operation on May 31st, 2004.

<u>850</u> HJKC	W Radio, Santafé de Bogotá, postal address: Calle 67 7-37, Santafé de Bogotá, DC (The Caracol Office)	
<u>1040</u> HJSY	R. Caucana Mil 40, Popayán. Company name: Básica 1040 AM Ltda, Cr 8 3-17. A list from the programme “un mensaje a la conciencia” mentions among others the following stations:	
	<u>1520</u> HJGI Ondas Contrateñas, Contratación, Santander	
	<u>1600</u> HJ.. R. Bethel, Palmira, Valle (stated 600 kHz must be wrong)	
	<u>1600</u> HJ.. R. Impacto Cristiano, Popayán, Cauca	
	<u>1610</u> HJ.. R. Selah, Sogamoso, Boyacá	
<u>1140</u> HJKO	R. Esperanza, Cl 49 13-113, Torices, Cartagena ex LV de la Victoria	
<u>1200</u> HJBV	R. Príncipe “la emisora del Príncipe de paz”, Manzana H, Lote 20, La Consolata, Cartagena. Presidente: Apóstol Jhonny Copote Garzón, Dir: Daniel Lambis, Gte: Tony Rosales (rlg)	
<u>1490</u> HJAY	R. Vida Nueva, Barranquilla, ex Onda Nueva (rlg). Cl 73 40-47, Barranquilla	Henrik Klemetz, ARC

<u>980</u> HJJV	La 980, Cúcuta “La 9-80 Sensacional” ex La Vallenata Gert Nilsson/Henrik Klemetz, ARC	
<u>1240</u> HJHK	R. Recuerdos, Manizales, ex R. Reloj	Odd Påg/Henrik Klemetz, ARC

Paraguay

<u>840</u> ZP6	R. Guairá does shift frequencies, at times, in order to avoid interference with Rádio Bandeirantes, in São Paulo. The shift is 835/840 kHz.	Adán Mur
<u>890</u> ZP33	R. 3 de Febrero, Itá, can shift frequencies, in order to avoid interference with Rádio Gazeta, São Paulo. The shift is 885/890 kHz. I do not think that they presently use the shifting capability.	Adán Mur
<u>1300</u>	New station in Asunción. It has yet to announce the name and ZP.	Adán Mur

Peru

<u>1010</u> OAX4U	R. Cielo – ex R. América	Gutierrez in ConDig
<u>1380</u> OAX2W	Mi Radio – ex R. Atahualpa, Cajamarca	Dioses in ConDig

Uruguay

<u>770</u> CX12	R. Oriental, Montevideo has ordered a new transmitter – 100 kW	
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Venezuela

<u>1470</u> YVJW	Llanerísima, Valencia ex R. Latina	Gert Nilsson/Henrik Klemetz, ARC
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WORLD NEWS

[Europe, Asia, Africa]
with Renato Bruni

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

Abkhazia

Radio Abkhaziya broadcasts from medium wave frequency of 1350 kHz is not audible. (edited from *Vasiliy Gulyayev, Astrakhan via open_dx*)

Belgium

- Belgium 1125kHz now relays Network 2 (Vivacité). 1233 and 1305kHz relay Network 5 (Pure FM). http://www.wrth.co.uk/updates_national.html

- RTBF should be using 1125, 1233 and 1305 for its Classic 21 program. In fact, they're broadcasting "VivaCite" on 1125 and "PureFM" on 1233 and 1305. My own observations are also confirmed by informations found on RTBF Web site, www.rtbf.be. It also comes to mind that reception on 1233 kHz sounds too good in Stuttgart for a stated power of 0.2 kW. (*Erich Bergmann-D, wwdxc BC-DX Feb 14*).

Denmark

- Kalundborg LW 243 kHz still on air, I'm listening to the last hours of transmission just now with a talk programme and songs. At 2330 UTC tonight it is said to sign off for good, unfortunately!

Ydun Ritz (14/2-2007) DR Kalundborg 243 kHz went silent at 2304 14/2-2007, after the News at 2300. Carrier on frequency until 2315 UTC. *Ydun Ritz* (15/2-2007)
<http://mediumwave.info/news.html>

- In future a typical weekday programme on **MW 1062 kHz** - which also can be heard during weekends - will look like that (outside these hours DR will switch off the transmitter, to save current expenses): 04.45-04.51 Vejrmedling (weather report); 05.00-05.07 Radioavis fælles med P4 (News together with P4); 07.30-07.40 Krop og bevægelse (gymnastics px) 07.45-08.00 Vejrmedling (weather report); 08.00-08.07 Radioavis fælles med P4 (News together with P4); 10.45-11.00 Vejrmedling (weather report); 11.00-11.30 Radioavis fælles med P4 (News together with P4); 16.45-17.00 Vejrmedling (weather report); 17.00-17.16 Meddelelser fra Søværnets Operative Kommando (Info for vessels in Danish waters); 21.45-22.00 Vejrmedling (weather report); 22.00-22.05 Radioavisen fælles med P4 (News together with P4) All times UTC. Check out at www.dr.dk/programoversigten. *DR's website via Ydun Ritz* (14/2-2007)
<http://mediumwave.info/news.html>



Djibouti

Additional VOA Amharic broadcasts in the morning were cancelled as of Feb 18. So it's even more obvious now that they were launched only as an interim solution until Somali could be revived. Also reduced usage of Djibouti-1431: Radio Sawa has not just been deprived of 30 minutes of airtime for Somali at 1600-1630; instead Sawa is carried on 1431 now only at 1645-0400, beamed 325 degrees. Apparently 1431 kHz is now off the air at 0400-1600, i.e. local daytime more or less. (*Aaron Zawitzky-USA, dxld Feb 19*)

Eritrea

New station called R. Bana (Dawn) has appeared on 5100 kHz between 0400-1630 with half an hour English programme 1600-1630. Announced medium wave frequency **1089 kHz** and address: P.O. Box 609, Asmara. http://www.wrth.co.uk/updates_national.html "This is Radio Bana from the Ministry of Education in Asmara, Eritrea, broadcasting educational programmes in English. Every day, from seven to seven-thirty p.m. [local time, equivalent to 1600-1630 gmt], and in addition on Fridays from eight to eight-thirty a.m. [0500-0530 gmt], and on Saturdays from six-thirty to seven p.m. [1530-1600 gmt], on mediumwave 1089 kHz and on shortwave 5.1 MHz in the 60-metre band." Radio Bana was first observed by BBC Monitoring during their evening transmission on 30 January 2007, broadcasting on 5100 kHz. (*BBC Monitoring research 19 Feb 07 (via DXLD)*)

Fiji

Fiji Broadcasting Corporation Ltd. (FBCL) Web: www.radiofiji.com.fj Current MW frequencies: R. Fiji One (Fijian): 558 Suva 10kW, 639 Lautoka 10kW, 684 Labasa 10kW, 927 Sigatoka 2.5kW, 1152 Rakiraki 2.5kW. R. Fiji Two (Hindi): 774 Namara 2.5kW, 810kHz Labasa 1kW, 1467 Rakiraki 2.5kW. http://www.wrth.co.uk/updates_national.html



The image shows a QSL card from the Fiji Broadcasting Commission. The card has a header with the logo 'FBC' and the text 'Fiji Broadcasting Commission The Voice of The Islands'. Below the header, there is a section for 'Dear Listener' with a thank you message and a form for recording reception details. The form includes fields for station name ('RF II Suva'), frequency ('774 kHz'), and date ('13/10/87'). There are two checkboxes: 'We are pleased to confirm your report' (checked) and 'Unfortunately there is not enough information for us to confirm your report' (unchecked). A signature 'Shiv Nath' is written over the form. Below the signature, it says 'General Manager Broadcasting House Box 334 Suva, Fiji.' To the right of the form is a map of Fiji with a grid overlay, showing the location of the station. The map is titled 'RADIO FIJI'.

Radio Fiji QSL, via <http://radiodx.com/>

France

Loisirs FM 1314 kHz is reported inactive. Telerama Radio, Paris 1062 kHz has stopped operation on 1062kHz but continues with web stream on <http://www.teleramaradio.fr> http://www.wrth.co.uk/updates_national.html

Germany

- 1539 kHz 700 kW. QSL card contest of ERF-TWR Germany. Four new ERF-TWR QSL cards issued recently, show four motifs of the new ERF-TWR Mainflingen site and new 1539 kHz Transair-Telefunken fountain like cross dipole horizontal antenna. Similar antenna type is in use by Spanish radio on 1359 kHz at Madrid Arganda. Report to ERF Wetzlar on ERF-TWR broadcasts via Mainflingen, Monte Carlo, or Roumoules, between April 1st and 15th, 2007. 1st to 3rd prize is sightseeing tour to ERF bc-house Wetzlar and ERF-TWR MW site at Mainflingen on May 4th.

- Europe 1 on 183kHz is reported running on reduced power. *Wrth updates*

- Voice of Russia relay on 630kHz will continue without new allocation procedure for another year. Attempts to establish a DRM station on this frequency have been postponed; a bid for tenders is planned for 2008. http://www.wrth.co.uk/updates_national.html

- RFI relays by SR Antenne Saar on 1179kHz as follows: Mon-Fri French 0700-0715, 0730-0800, 0830-0900, 0930-1000, 1230-1240, 1330-1400, 1430-1500 (not on Fri), 1530-1600, German 1130-1200. Sat French 0700-0715, 0930-0940, 1230-1300, 1330-1400, 1530-1600, 1630-1700. Sun French 0830-0900, 1330-1340, 1430-1500. Until 24th March the transmitter is on air 0700-1700 only. *Wrth updates*
- The 1485kHz tx at Berlin-Rüdersdorf has been dismantled. Also Berlin-Frohnau is reported off; DRM tests on this frequency in Berlin area now via Schäferberg site only. *Wrth updates*
- I discovered the web site <http://www.radioluxembourg.co.uk> This is news to me, but might be old hat to most on the list. Basically it is a station which claims to have relaunched the English service of radio luxembourg on DRM / Internet. Is this authentic or is it another organisation using the great name? User Becky on uk-radio@yahoogroups.com Since 1992, many approached CLT to re-start Luxy - I'm of the opinion I saw nearly all the paperwork submitted by various groups. The level of success varied tremendously. Some projects died very quickly as they wanted to just take over the name. In the project I fronted, the investors opted for a joint-venture with CLT. We even got to the stage of Luxembourg Government approval and the required license changes to re-launch. At that point everything came to a grinding halt. Not that I am suggesting there is a coincidence, but very shortly after the non-Disclosure Contracts ran out it was announced that CLT would re-launch the service itself.

Whilst this certainly isn't new news, you can find out more on the CLT web site - in fact there was a video presentation there somewhere for a while. I guess the only pleasing thing for those that tried to re-launch Luxy when it had a chance on AM, which is certainly wouldn't have today and hence the sensible digital route by CLT, is that they have all moved on to other projects. As one who worked there ahead of closure, being mentioned in the close down speech and thanked, I always felt that a pan-European radio station was a great idea. Hence after the aborted attempts to work with CLT I looked for another opportunity to create a pan-European station. Therefore, you will understand why, if you had been at the launch, I had a rather large grin on my face a couple of years back when we launched RTI - Radio Tatra International, *Station Of The Stars* TM. BTW, that was before CLT came out with the re-launched Luxy. Hope that helps explain for you. Regards Eric N Wiltsher <http://www.rti.fm>

Hungary

On 1st of February, 2007, the first channel of the Hungarian Radio called **Kossuth Rádió** will cease its broadcast on OIRT FM band (66-73 MHz; popularly known as Eastern FM). At the same time a new radioprogramme, called **MR-4** (the abbreviation stands for: Magyar Radio programme 4; but the Hungarian name of the radio is Nemzetiségek Rádiója {literary translation in English is: Radioprogramme for minorities}, because the program broadcasts in minority language), will start between 08.00-20.00 Central European Time (CET), which is 07.00-19.00 UTC in winter, on the Medium Wave band. Mediumwave Frequencies and Transmitters of Mr-4 as follows: **1188 KHz Marcali; 1188 KHz Szolnok; 873 KHz Lakihegy; 873 KHz Pécs**

The (**Magyar Rádió**) Hungarian Radio's frequencies are as follows from 1st of February, 2007: Kossuth Rádió mediumwave transmitters: broadcasting time: 04.30-0.10 CET Monday to Saturday; 06.00-0.10 CET on Sundays. Transmitter location and frequencies: Solt, **540 KHz** (broadcasts the same program as the Kossuth Rádió's programme on CCIR FM (87-108 MHz); Miskolc, **1116 kHz** (broadcasts Kossuth Rádió programme and regional programme of the Hungarian Radio called Miskolci Stúdió (in english: Studio Miskolc); Nyíregyháza, **1251 kHz** (broadcasts Kossuth Rádió programme and regional programme of the Hungarian Radio called Nyíregyházi Stúdió (in english: Studio Nyíregyháza); Szombathely, **1251 kHz**. (broadcasts Kossuth Rádió programme and regional programme of the Hungarian Radio's Nyugat-Dunántúli Régió Rádió (in English: Régió Rádió, Western Danube Region); At night the **Kossuth Rádió** and the **Petőfi Rádió** (Petőfi Rádió is the

2nd programme of the Hungarian Radio) beams the Hungarian Radio's night programme called "Magyar Rádió éjszakai műsora". During the operation of the Mediumwave transmitter on 540 KHz at Solt, the Kossuth Rádió broadcasts the same programme both on its CCIR FM transmitters and the Mediumwave transmitter on 540 KHz at Solt. Regional studios of the Hungarian Radio: They broadcast the Kossuth Rádió programmes except when they broadcast their own regional programmes. **Regional Studio in Győr** (Győri Regionális Stúdió): Mosonmagyaróvár, **1116 kHz**; Győr, **1350 kHz**; Szombathely, **1251 kHz**; **Regional and minority** programmes studio in **Miskolc** (Miskolci Regionális és Nemzetiségi Stúdió): Miskolc, **1116 kHz**; **Regional Studio in Nyíregyháza** (Nyíregyházi Regionális Stúdió): Nyíregyháza, **1251 kHz**; *Tibor Gaal, Hungary Feb 5, DXLD 7-016 (6/2-2007)*

Iceland

Effective 2007-02-01 **RUV** has dropped its old news jingles for a new one that sounds rather dull and indistinct; unlikely to come out well on **LW**. *Reynir H. Stefánsson (3/2-2007) yg*

India

The All India Radio digitalisation programme may not be complete by 2015 due to shortage of funds, says AIR engineer-in-chief AS Guin. The Short Wave bands will be digitalised first and this can be achieved by 2015, provided the Planning Commission releases the entire amount, but medium wave "which is the poor man's band" will not be fully digitalised and more specifically, there will not be complete switch off from analogue to digital radio, Guin explains. Short wave transmitters that have been in use for more than 20 years will be replaced and these alone would be DRM compatible, not all. "But in any case, we shall not switch off the analogue mode for the medium wave by 2015, because that is the wave compatible with the radios costing Rs 50 or 100, the one used by the poorer section of the society. They will not be able to bear the cost, so we cannot deny them the only source of information and entertainment some of them have," Guin stressed. In fact, as of date even the fairly well-to-do would not be able, or may not wish to spend money buying a digital radio set. "The ones available cost in today's prices about \$70, that is Rs 3,500," Guin revealed, adding: "This is prohibitively costly." So why bring in a technology that even the well-off may not opt for? "It is expected the prices will come down as we go by," he averred.

There are two factors at play here. First, as and when DRM technology goes national, prices will come down. "As of now, most countries are using DRM technology for SW for their external broadcasting. National lever SW DRM tests have been conducted in Mexico and other places," Guin said. But when DRM goes national, the price will come down. The other factor is that as the new digital mode becomes popular, the prices of the sets would also come down. "The main thing will be the content," Guin said. The content for SW and MW have to be different, because if the same content is run on both, why would anyone buy a costly handset to catch SW?" he asks. There have to be popular programmes specially developed for SW bands, he felt, otherwise the digital radio programme will not pick up in good earnest. The digitalisation process would start with all the studios. Each state capital would have one Short Wave transmitter and there will be three transmission complexes with five transmitters per complex for national digital radio coverage. These complexes will be suitably located., Each complex will transmit five digital channels across the country, including regional language channels. This will mean that these channels will be accessible across the country. So, a Bengali in Mumbai would not have a problem if he wishes to hear All India Radio Kolkata. Explaining the merits of such a costly technology, Guin said that interactive broadcasts and a number of value-added services will be possible.

One of the most important things will be the pro-active role AIR will get to play in disaster management. AIR will introduce a system across the channels on the coastal belts, which will be integrated with the early warning systems. Thus, whenever an early warning is triggered off the computer linkage with the radio stations will ensure that the channel would automatically switch over to transmitting the warning, with the ongoing programme switched off. Once the warning has

been issued, the radio station would switch over to the normal ongoing programme. This will give a huge lead time for people to evacuate.
<http://www.indiantelevision.com/headlines/y2k7/feb/feb130.htm>

Italy

Right now, RAI transmitter on 846 kHz is on with a soccer game (Roma-Milan) and usual huge signal. It's unclear if it should be considered a temporary or definitive reactivation. *Renato Bruni via mwc (31/1-2007)* Andrea Borgnino, first on Radiorama group list, confirmed, that RAI is testing this frequency with 50 KW. They want to measure electromagnetic pollution. If test will be OK the site will remain on air. *Edited from Giampiero Bernardini via mwc (1/2-2007)*. The station at present carries RAI Radio 1 in parallel with 900 kHz in order to provide a better reception in the Rome area.

Japan

Behind recent programming changes at the American Forces Network (AFN) radio station in Misawa, Japan, is a plan aimed at capturing and keeping more listeners, said Master Sgt. Mike Burnette, the section chief of detachment operations. In the five months that Burnette has been at AFN Misawa, he's introduced a new, eclectic music lineup for EDGE Radio 1575 AM. The new programming is based on the "Jack FM" format. Unlike a typical radio station that regularly plays 300 or 400 hits of a particular genre, Jack stations rotate anywhere from 1,000 to 1,500 songs of different genres, Burnette said. <http://blogs.rnw.nl/medianetwork/index.php>

Kuwait

Since 1 February, Radio Farda has added 30 minutes to its main evening news programme, doubling its length to one hour and increasing the total amount of daily news and information programming to Iran to nearly nine hours, more than any other Persian-language international broadcaster. The expanded programme, which is broadcast on mediumwave (1575 kHz), shortwave (9865, 13680, 15690 kHz), satellite and the Internet, airs daily from 6:30PM to 7:30PM Tehran time (1500-1600 UTC) and gives listeners more in-depth analysis in addition to a rich overview of the latest news and current affairs.

The recently redesigned and expanded Persian language website of Radio Farda will carry audio and text versions of the extended news broadcasts. In December, the first month of operation of the revamped site, page views on www.radiofarda.com increased by 30 percent to 4.2 million. The Broadcasting Board of Governors budget request for fiscal year 2008 renews additional funding for Radio Free Europe/Radio Liberty (RFE/RL) broadcasts to Iran, to expand news and information programming for Radio Farda, a joint service operated by RFE/RL and the Voice of America, and the Radio Farda website. (Source: RFE/RL)

Luxembourg

Europe's largest commercial broadcasting group, RTL, has signed a ten-year extension to its contract with the Luxembourg government, ensuring that it will remain based in Luxembourg until at least 2020. The existing contract, expiring in 2010, was signed in 1995. RTL is majority-owned by German media conglomerate Bertelsmann. It runs 34 television and 33 radio stations in 11 countries. Luxembourg Prime Minister Jean-Claude Juncker said his government was very satisfied at the renewal of the concession for radio and TV frequencies. The contract includes the RTL affiliate Broadcasting Centre Europe, which operates the transmitters in Luxembourg and provides other technical services. It also ensures the continuation of the public service in Luxembourgish, RTL Lëtzebuerg. (Source: AFP) <http://blogs.rnw.nl/medianetwork/index.php>

Moldova

Voice of Russia's relay transmissions on 999 kHz from Moldova ceased due to the financial conflict between Moscow and Tiraspol after Jan 1 2007.

This was the latest schedule:

Voice of Russia in Russia (World Service) 1300-1400

Voice of Russia (Commonwealth) 1400-1600

Voice of Russia in Romanian 1700-1800

Voice of Russia in Russia (World Service) 2100-2200

Rus.Int.Radio 2200-2400.

The information about the conflict is according to the VOR, prgr on Febr 18th heard. The relays of DW, TWR and R Pridnestrovyye still continued, however. (Rumen Pankov-BUL via wwdxc BC-DX via <http://finndxer.wordpress.com/>)

Netherlands

KBC Radio 1386 kHz has new email addresses: info@k-po.com and kbc@planet.nl, (which is an alias for kbc@wxs.nl) *KBC Radio (4/2-2007)*

Netherlands Antilles

The Dutch Minister for Administrative Reform, Atzo Nicolaï, has agreed that the new status of the Netherlands Antilles will only come into effect at the end of next year. Previously it had been agreed that the islands would assume their new status in mid-2007. Now a new date has been set: 15 December 2008. The island of St Maarten will then become a country, and Bonaire, St Eustatius and Saba will acquire a special status as Dutch municipalities. No decision has yet been made on the status of Curaçao. The Island Council previously rejected a new agreement on the political relationship with the Netherlands. Mr Nicolaï expects that the island will eventually join in with the reforms and also become a country within the Kingdom of the Netherlands at the end of next year. The Netherlands has reserved almost half a billion euros to support the changes in status. A large part of the money will be spent on debt reduction. (Source: Radio Netherlands News) <http://blogs.rnw.nl/medianetwork/index.php>

New Zealand

The two pan-Pacific radio services based in New Zealand came together under one roof this week, when Radio 531pi began broadcasting from the National Pacific Radio Trust's (NPRT) Brown Street headquarters in Ponsonby, Auckland alongside the Trust's radio network service, NiuFM. The government-appointed charitable trust (NPRT) that has owned and managed the NiuFM Radio Network, since it was established in 2002, officially took over the operation of the Radio 531pi service on 1st February 2007. Chairman of the National Pacific Radio Trust, Satiu Simativa Perese, says "The merging of the two services is an historic event that will enable the Trust to enhance radio services and programmes to our Pasifika communities, particularly in the Auckland region".

The Chief Executive of the Trust, Sina Moore, says "NiuFM serves a younger demographic, and a 85,000 plus network audience around New Zealand, whereas Radio 531pi's overall programming is aimed at an older audience (35+) and is Auckland focussed. The merger has enabled us to combine resources and we now have a pool of some of the best Pacific broadcasting talent in the country (30 staff from Radio 531pi have joined NPRT's operations). It is exciting times for Pacific Broadcasting." A new brand of Pacific news for both services is one of the highlights of the coming together. Pacific Radio News will now be delivered on NiuFM and Radio 531PI every hour from 6am to 6pm by the news team, which specialises in news from a Pacific perspective from around New Zealand, regionally and internationally. (Source: NPRT) <http://blogs.rnw.nl/medianetwork/index.php>

No.Korea

The Democratic People's Republic of Korea (DPRK) on Thursday lashed out at the United States for funding increased radio broadcasts of Korean programs, saying such propaganda won't be successful. "This (psychological warfare) indicates that the U.S. has become evermore undisguised in its moves to tarnish the DPRK's image... and destroy the socialist system in the DPRK since the

outset of the year", said a commentary released by the official Korean Central News Agency (KCNA). "The U.S. is sadly mistaken if it calculates that such propaganda machines would help spread freedom and democracy and bring down the socio-political system in the DPRK", said the KCNA. The commentary said that the U.S. had decided to extend broadcasting time of anti-DPRK propaganda and increase the budget for the broadcasting services in the fiscal year of 2008. According to the KCNA, "Radio Free Asia (RFA)", a radio station funded by the U.S., has broadcast Korean programs since March of 1997. The RFA had decided to air medium-wave broadcasting programs this year beside short-wave broadcasting ones, it added. (*Xinhua* via http://english.people.com.cn/200702/23/eng20070223_351888.html)

Philippines

I was looking for last Fall when I was hearing Korea 1170. Maybe next Fall. I heard VOA 1143 on 1143 and then again on 1147.5, which VOA QSL'd as 1143 kHz. (*Patrick Martin-OR-USA, IRCA via dxld Feb 20*). New VOA-1170 transmitter is a Harris DX-1000. Four tower array. Toward Korean, Vietnam and China, I think. (*Charles A Taylor-NC-USA WD4INP, IRCA via dxld*). I have a plot of VOA-1170's antenna patterns. There are two of them. One has a main lobe at about 260 degrees, with a secondary lobe at about 7 degrees, with a deep null from 45 to 200 degrees. It's apparently intended for SE Asia. The other pattern has its main lobe at 325 degrees (towards China) with a small lobe at 90 degrees. Both patterns send very little power towards North America (azimuth about 38 degrees from the Philippines). The plots came from consulting engineer Ben Dawson, who has designed antenna systems for this and several other VOA sites. (*Bruce Portzer-WA-USA, IRCA via dxld Feb 20*) via <http://www.wwdxc.de/topnews.htm>

Russia

- The inhabitants of Khabarovsk can now hear the freshest anecdotes, funny jokes, sketches, monologues of popular satirists, comic radio-series and other humorous stuff on the frequency of **1134 kHz** from the radio station "Radio City". The General Director of the station is Mikhail Stolyarchuk. (Victor Rutkovskiy via open_dx)
- On 1st of February radio station "Humor FM" began broadcasting in the city of Petropavlovsk-Kamchatka. Broadcasting takes place on Medium Wave on the frequency of **1233 kHz**. The partner radio station is Radio Troika. The General director of the station is Edward Lobachev. (Victor Rutkovskiy via open_dx)
- R. Sadko, Moscow 1503kHz and Narodnoye R, St. Petersburg 801kHz have stopped operation. [WRTH](#) Updates

Slovakia

Nitra 927 kHz and Rimavská Sobota 1017 kHz have been closed. [WRTH](#) Updates

Tunisia

Radio Tunis station on 963 kHz is a cultural channel identifying as "Idha'at al Thakafiya" (*Mauno Ritola via Bengt Ericson via ARC Information Desk via DXLD*) The Cultural Channel launched on May 29, 2006. This channel, broadcasting on medium wave and via satellite, covers 60% of the Tunisian population with 12 hours of daily programming (starting from midday). The programmes relate to all the fields of the culture (literature, theatre, cinema, visual arts, music, sciences and technologies, etc.) with 25% of live broadcasts. (*Wikipedia via Finndxer*)

Turkey

TRT Etimesgut 198kHz transmitter has been closed. http://www.wrth.co.uk/updates_national.html

United Arab Emirates

22 Feb 2007 at 1500 UT noted **Radio Aap ki Duniya** in Urdu on **1539 kHz**. Fair signal, fighting with Iran and China. I guess this is the new (UAE) Al-Dhabbiya III transmitter (rated 800kW)

although the signal wasn't too strong. But I'm off beam, I believe. *Jari Savolainen, Kuusankoski Finland via dxld yg (23/2-2007) <http://mediumwave.info/news.html>*

Emirates Radio Dubai SW site has been scrapped in 2004. Actually transmissions ceased in spring 2005. Find at the bottom the related items from DXLD (which one more time turned out to be a valuable reference). It is especially intriguing that Dubai TV had apparently done with shortwave on the last day of the B04 season, but at least 21605 was still on two days later, now with open carrier only! Beats by far the method of Danmarks Radio to bury 243 with eleven minutes of OC. What remains is the question when 1476 left the air. Probably at the same time than the Lihbab shortwave transmitters, since WRTH 2006 mentions for all Dubai TV mediumwave transmitters "reported inactive lately", and in the 2007 edition Dubai TV (called "Emirates Radio" there) has been deleted altogether. Indeed it appears that Dubai TV has abandoned radio entirely. The 92.0 and 93.9 FM stations, previously English and Arabic FM from Radio Dubai, now belong to the Arabic Radio Network, apparently an entirely different entity, cf. <http://www.arnonline.com> Of course it is incomprehensible that these facilities were demolished, especially the high power medium wave transmitter, since at the same time Emirates Media at Abu Dhabi has already the third new, additional medium wave transmitter in preparation. I just can't believe that no foreign broadcaster (especially BBG/IBB) would have been interested in using 1476. (*Glenn Hauser, DXLD*)

See <http://hifi4me.biz/en/Miscellaneous-Tuner--ORBAN-OPTIMOD-AM-Model-9100A-Audio-Processor---II-DET2769HIFI-HIFIen> This Optimod 9100A Audio Processor (Mono) is one of four identical units and was removed from PE racks of the Lihbab 4 x 350 kW AM SW broadcast radio station demolished due to reason that it was handed over by the Dubai Government to a private company who quickly realized their inability to run such a great setup. After their numerous attempts to lease it out to foreign broadcasters it eventually went under hammer of scrap companies together with another great 1500 kW AM MW station on the coast, whose optimods I have sold last week.

This station was built in 1979 with four 350 kW Marconi transmitters capable to combine their power or to work separately onto direction switchable antenna system utilizing 14 towers supporting multi curtain phased dipole arrays covering entire SW band delivering 4 programs simultaneously. It was on air till 2004, when it was shut down although fully operational and well maintained by British engineers. I was lucky to pull this nice and clean Optimod as well as another one listed separately and some other equipment from hammer of a scrap company engaged in this vandalism. (*via Kai Ludwig, dxldyg via DXLD*) The 1500 kW medium wave was on 1476 (*Kai Ludwig, ibid.*)

United States

The Broadcasting Board of Governors is seeking once again to eliminate VOA radio broadcasts in Albanian, Bosnian, Croatian, Hindi, Georgian, Greek, Macedonian, Russian, Serbian, and incredibly the VOA Global English broadcasts.

All these services were targeted in the BBG's FY 2007 budget request but the Board was prevented from making these cuts since the FY 2007 budget was never passed by Congress. The BBG will apparently operate for the rest of FY 2007 at FY 2006 spending levels. The only service previously targeted in the FY 2007 budget to survive the cuts is the VOA Turkish Service. Television broadcasts will remain in Albanian, Bosnian, Hindi, Macedonian, Russian, and Serbian. Added to the list of cuts in the FY 2008 budget request is the elimination of the VOA Cantonese and Uzbek services. The VOA Ukrainian, Tibetan, and Portuguese to Africa services will be severely reduced, almost certainly the radio broadcasts will be eliminated. According to a high ranking IBB official, no RIFs will occur until the FY 2008 budget is passed by Congress and signed by the President. http://www.afge1812.org/Content_Page_1.html (AFGE 1812 via DXLD)

UTILITY COLUMN

The home of non-broadcast news
with David Towers

20 Valiant Close Glenfield Leics LE3 8JH
e-mail:utility@mwcircle.org

Here we are in March with the prospect of lighter nights and time inspect and correct any problems caused by the recent storms. During late evenings and early mornings I have been listening on the 136kHz and 500kHz bands for amateur signals and I had some very good results as recorded below. No signals or beacons received from across the Atlantic but several German, Italian and French callsigns received. These are QRSS signals with a dot length of 30 or 60 seconds so patience is required. Well worth a try before summer. All reports welcomed.

Beacon News

DI2AG beacon on 505.090 will be started soon with 2W ERP and QRSS10. Reports welcome. 73
Walter DI2AG / DJ2LF 23 feb 2007

NEED 505kHz

“Just a note to alert others tonite Thursday 22/02/07 that I am hearing mystery beacon NEED again on exactly 505KHz. The ID sidebands can be heard on 503.970 and 506.030 KHz with a sharp cw filter. Fritz Raab and others in the 600 meter group are hoping we can get some more bearings on the mystery beacon. I understand it was on the last two nights also so we may get a chance to get some good bearings on it this time”.
Todd WD4NGG 22/02/2007

Miscellaneous news

Special Research Permits (501 to 504 kHz band) for UK amateurs **21|02|07**

Ofcom has decided to permit a limited number of Amateur Radio Full licensees to operate under a Special Research Permit between 501 and 504 kHz for a 12 month period commencing from 1 March 2007.

This follows representations made by the Radio Society of Great Britain and negotiations with the Maritime and Coastguard Agency.

Special Research Permits under a Notice of Variation to the Licence may be made available to holders of Full Amateur Licences on a case by case basis to applicants who can demonstrate a genuine interest in experimentation at these frequencies and provide adequate supporting documentation for assessment.

Due to the usage of the spectrum around 500 kHz, applicants should pay special attention to demonstrating technical and operational competence in terms of transmitting within the frequency and Effective Radiated Power (e.r.p.) parameters agreed with Ofcom. Previous experience at 73 kHz as well as 136 kHz will be considered desirable in this respect to ensure adequate steps are taken to limit any potential interference.

Ofcom will monitor any interference reports with a view to limiting numbers in the use of the band if necessary. In general, considerably lower e.r.p. levels than that permitted in the 136 kHz band are likely to be favourable and this will only be permitted where it can be demonstrated that increased powers are necessary for research. On no account will an e.r.p. level of greater than – 10 dBW be permitted under any circumstance. *RSGB*

Swedish Ham Receives 500kHz Experimental Authorization

Substantial permitted power may present trans-Atlantic DX opportunities.

Dr Frederick Raab W1FR reported on 11 December: "Gus, SM6BHZ, (Bernt Gustafson) called me today and said that Sweden's Posts and Telecomms has given him permission to operate on 500kHz!"

Parameters include a frequency range of 505.0 - 505.2 kHz with a whopping 20 W ERP. The authorization runs until November 30, 2007. SM6BHZ is in Gothenberg, on the west coast of Sweden.

Dr Raab says, "I suggested that he transmit near 505.070, in between the WD2XSH QRSS and CW beacon frequencies. Naturally, he would like reports." His address is begu@algonet.se

Military digital stuff on 442, 526 and 1680 kHz.

Digital signals have started to appear on several frequencies and are causing some consternation as they obscure broadcast signals. Several attempts are being made to DF and triangulate these signals. Jack Weber noted "They seem now to have been joined by another that's centred on 1601.5 kHz, which should be out of bounds to maritime use. Even stronger signal than on 1680". These signals of unknown origin, presumed military may be STANAG 4285 600bd signals about 3.5kHz wide, and I tried to decode the signal on 1.678200MHz USB mode.

I got 90% syncs with SkySweeper, but it looks encoded and not plain text. It also gave 80% syncs at 300bd but still not plain text. Sad to say but these signals are getting more popular unfortunately.

If you can monitor, DF or provide more information then please pass it on to the group

MSF move from Rugby to Anthorn

This is now underway with a published schedule of tests, a copy of which is included for your reference.

Date	Test No.	Test	Anthorn Transmission Times*
16/02/2007	Test 1	60kHz carrier only	10.00 - 15.00
19/02/2007	Test 2	60kHz carrier only	10.00 - 15.00
20/02/2007	Test 3	60kHz carrier only	10.00 - 15.00
21/02/2007	Test 4	60kHz carrier only	10.00 - 15.00
22/02/2007	Test 5	60kHz carrier only	10.00 - 15.00
23/02/2007	Test 6	60kHz carrier only	10.00 - 15.00
26/02/2007	Test 7	60kHz carrier only	10.00 - 15.00
27/02/2007	Test 8	MSF low power	10.00 - 12.00
28/02/2007	Test 9	MSF low power	10.00 - 12.00
05/03/2007	Test 10	MSF 50% power	10.00 - 12.00
06/03/2007	Test 11	MSF 50% power	10.00 - 12.00
07/03/2007	Test 12	MSF 100% power	10.00 - 14.00
09/03/2007	Test 13	MSF 100% power	10.00 - 14.00
12/03/2007	Test 14	MSF nominal power	10.00 - 16.00

13/03/2007	Test 15	MSF nominal power	10.00 - 16.00
14/03/2007	Op 1	MSF Operational Test	10.00-11.00 & 14.00-15.00
15/03/2007	Op 2	MSF Operational Test	10.00-11.00 & 14.00-15.00
16/03/2007	Op 3	MSF Operational Test	10.00-11.00 & 14.00-15.00
19/03/2007	Op 4	MSF Operational Test	10.00-11.00 & 14.00-15.00
20/03/2007	Op 5	MSF Operational Test	10.00-11.00 & 14.00-15.00
21/03/2007	Op 6	MSF Operational Test	10.00-11.00 & 14.00-15.00
22/03/2007	Op 7	MSF Operational Test	10.00-11.00 & 14.00-15.00
23/03/2007	Op 8	MSF Operational Test	10.00-11.00 & 14.00-15.00
26/03/2007	Op 9	MSF Operational Test	10.00-11.00 & 14.00-15.00
27/03/2007	Op 10	MSF Operational Test	10.00-11.00 & 14.00-15.00
31/03/2007		Midnight - MSF final handover	Start of permanent transmission

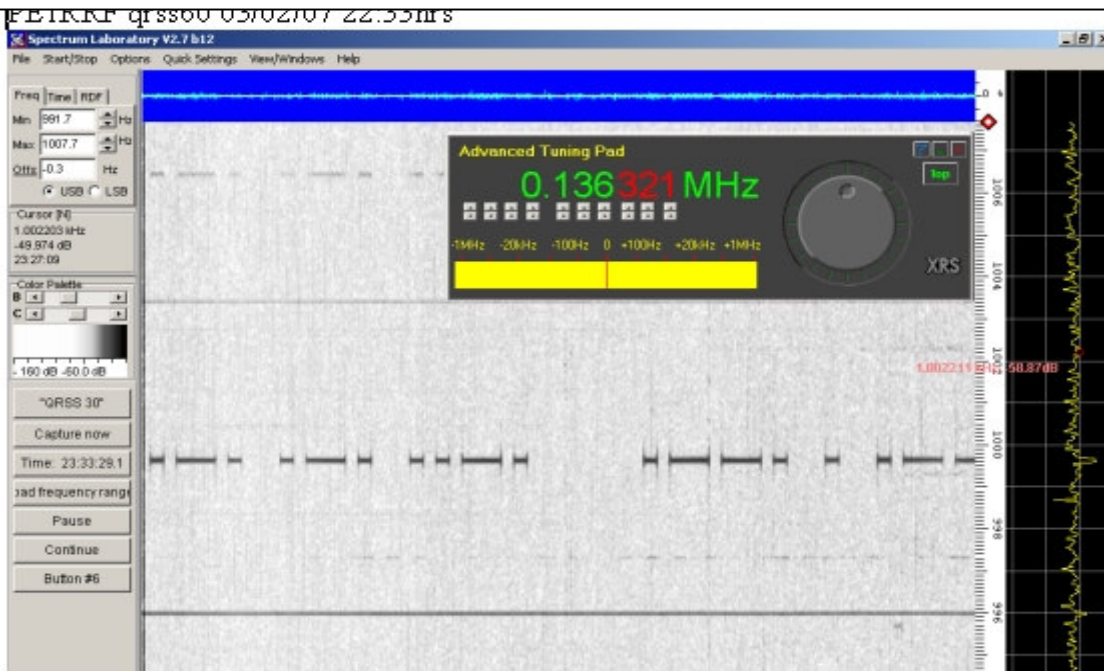
I am monitoring MSF signals here in Glenfield Leicestershire during the changeover and my captures and comments are recorded at <http://g8szx.mweircle.org> . I would appreciate your input, findings and feedback .The equipment used along with the settings are include on the site.

136kHz signals

Hi All, At the moment testing new (hopefully improved) antenna. 136.319 kHz, 200 watts dc in, antenna 1.4 Amps. 3

Gary - G4WGT - IO83qp 18th February 2007

PE1RRF qrss60 03 February 2007 22:33hrs



Logs

First from my own monitoring. These being QRSS30 slow morse signals received on the Rfspace SDR-14 receiver and SpecLab , followed by Alan Gale's DX collection.

kHz	Callsign	Station, location; details heard etc	SIO	UTC	Date	Who
136.32	IK5ZPV	Amateur qrss 30 signals		00:24	11/02	DT
136.32	DJ8WX	Amateur qrss 30 signals		00:24	11/02	DT
136.32	PE1RRF	Amateur qrss 60 signals		22:33	03/02	DT
501.1	SM6BHZ	Amateur qrss signals		23.53	02/02	DT
212.0	SJ	Saint John, NB Canada		0246	17/02	AG
216.0	CLB	Carolina Beach, NC USA		0243	17/02	AG
220.0	BX	Blanc Sablon, QC Canada		0251	17/02	AG
224.0	QM	Moncton, NB Canada		0252	17/02	AG
243.0	YVB	Bonaventure, QC Canada		0258	17/02	AG
263.0	QY	Sydney, NS Canada		0305	17/02	AG
276.0	YHR	Chevery, QC Canada		0310	17/02	AG
280.0	QX	Gander, NL Canada		0310	17/02	AG
323.0	UWP	Argentia, NL Canada		0316	17/02	AG
326.0	FC	Fredericton, NB Canada		0317	17/02	AG
340.0	YY	Mont Joli, QC Canada		0322	17/02	AG
347.0	YG	Charlottetown, PE Canada		0331	17/02	AG
350.0	DF	Deer Lake, NL Canada		0322	17/02	AG
356.0	AY	St. Anthony, NL Canada		0411	17/02	AG
360.0	PN	Port Menier, QC Canada		0337	17/02	AG
364.0	2B	Springdale, NL Canada		0341	17/02	AG
370.0	GR	Grindstone, QC Canada		0345	17/02	AG
385.0	NA	Natash, QC Canada		0350	17/02	AG
390.0	JT	Stephenville, NL Canada		0352	17/02	AG
391.0	DDP	Dorado, Puerto Rico		0351	17/02	AG
396.0	JC	Rigolet, NL Canada		0354	17/02	AG
526.0	TDT	UNID daytime reception from SE (probably North Sea)		1225	18/02	SW

DGPS Loggings from Alan Gale

dd/mm: utc: kHz: TX ID: Location: COU: bps:

17/02	0218	288.0	#942	Cape Ray, NL	CAN	200
22/02	0219	297.0	#086	Odessky	UKR	200
05/02	0359	300.0	#926	Riviere du Loop, QC	CAN	200
16/02	2345	300.0	#540	Cavarna	BUL	100
09/02	0446	305.0	#782	Dandridge, TN	USA	100
09/02	0343	310.0	#944	Cape Norman, NL	CAN	200
17/02	0156	315.0	#940	Cape Race, NL	CAN	200
17/02	0157	319.0	#936	Point Escuminac, NB	CAN	200
09/02	0326	324.0	#844	Hudson Falls, NY	USA	200

Note that good DX can be heard using the WiNRADiO receiver available to members via the Circle's website.

Please note the contribution deadline is **25th March 2007.** Log templates can be supplied

Dave G8SZX

THE HOME FRONT

[British & Irish News]
with John Williams

✉ 100 Gravel Lane, Hemel Hempstead, Herts HP1 1SB, UK
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OFCOM News

Ofcom may relax rules for small stations

31 January, 2007

Ofcom may ease the regulatory burden on small radio stations after two local broadcasters closed down in less than six months. River FM in Scotland became only the second station in UK broadcasting history to return its licence to the regulator after it failed to find a buyer to save it from closure.



Ofcom is currently preparing detailed proposals for consultation on the future of radio. Tackling issues including regulation and the revenue challenges facing the industry, it will be published early this year. The regulator said it was "naturally disappointed" that Kingdom Radio Group had decided to close River FM.

River FM in West Lothian shut down this week after more than three years on air. It was put up for sale by its owner, the Kingdom Radio Group, but closed after no buyer was found. UKRD became the first radio group to hand back a licence in September last year after it closed Star Radio in Stroud in protest at the way smaller radio stations are regulated.

Ofcom's discussion document, published in November last year, warned that the regulatory burden on analogue local commercial radio "may be unsustainable". "The regulation of analogue radio is more restrictive than that of DAB digital radio, which is in turn more restrictive than digital radio on other platforms," it added. "If digital listening comes to predominate over the next few years, the current analogue radio regulatory regime may no longer be appropriate or sustainable, and the extent to which local commercial radio should provide the desired public purposes and the way in which we regulate to achieve these policy goals may need to change in the interests of listeners."

While commercial radio has lost listeners to the BBC in recent years, local commercial radio has struggled much more than its national counterparts.

Local and regional commercial stations had a 32.6% share of the market in the third quarter of last year, down from a 38.8% share in 2001. Over the same period, national commercial stations have grown their share of the audience, from 8.2% to 10.9%. (www.mediaguardian.co.uk)

BBC News

BBC to Trial Digital service using DRM

2 February, 2007

BBC Radio and National Grid Wireless have announced a trial of a new transmission technology which will allow the two organisations to assess the practicality of digital radio services in the medium-wave bands.

The trial, which will last for a year, will be centred on Plymouth. From the end of April, the BBC and National Grid Wireless will re-use a current medium-wave frequency in the Plymouth area to broadcast a trial digital service using the digital radio mondiale (DRM) standard. DRM is an emerging technology which has been designed to facilitate digital radio at frequencies below 30 MHz.

The BBC, which has been involved in the engineering research and development of the standard over the last few years, already makes the BBC World Service available on short-wave using the technology to some parts of Western Europe and North Africa. The trial will broadcast BBC Radio

Devon using the technology from the existing medium-wave transmitter in the city. An audience panel will be recruited from listeners to Radio Devon and users of www.bbc.co.uk/devon. Members of the panel will be given radios which are capable of receiving DRM as well as the existing FM and DAB transmissions. The BBC intends to conduct research with the panel over the following year to explore their experience of DRM and help inform its future digital radio strategy. The trial will be the first of its kind in the UK using medium-wave to provide DRM to UK listeners.



National Grid Wireless will supply, commission and operate the transmission equipment needed for the trial, as well as being involved in the engineering measurement of the transmissions and validation of the results. The two companies intend to publish the results of the trial by mid-2008. John Allen, Head of New Services for BBC English Regions, said: "The trial will help us understand whether DRM has a role to play in the all-digital future for BBC Local Radio in the UK. We're really excited that BBC Radio Devon is going to be involved in this trial, as it confirms that BBC Local Radio is no stranger to technological innovation."

John Ward, Director of Network Operations and Engineering at National Grid Wireless, said: "We have a track record of being at the forefront of new developments in broadcast technology and this trial maintains our commitment to innovation. Importantly this trial will enable us to explore the practicalities of establishing domestic DRM broadcasting that could, in the future, complement existing radio services." The trial will be broadcast on 855 kHz. (BBC Press Office)

Commercial Radio News

Commercial radio thriving, say bosses

1 February, 2007

More people are listening to radio than ever before, with more than 45 million tuning in every week. Radio bosses said today that the medium was in rude health, despite the threat posed by iPods and other digital media.

Although the BBC stretched its market share lead over commercial radio to 11.2%, Michael O'Brien, head of strategy and operations at the RadioCentre, said the commercial sector was ahead in a number of key indicators. He said commercial stations had thrived "despite very heavy marketing investment" by the BBC, in particular Radio 2's "Elvis" TV campaign featuring Elvis, Stevie Wonder, Noel Gallagher and the Sugababes.

Commercial radio had a 53.8% share of listening among 15- to 44-year-olds, and a 60.5% share among 15- to 24-year-olds, said Mr O'Brien. Commercial stations also have the lion's share of listening in London, with 53.3% of the audience. (www.mediaguardian.co.uk)

Chrysalis revenues on the up

5 February, 2007

Chrysalis today reported a recovery in its radio revenues after an autumn slump. Revenues had increased 5% in January compared with the same month last year. That follows a 10% year-on-year decline in the four months between September and December.

"Although trading conditions for the UK radio industry remained challenging throughout the final calendar quarter of 2006, at Chrysalis we have seen a return to positive revenue growth in the first few weeks of 2007," said the Chrysalis chairman, Chris Wright, in a trading update to coincide with the company's annual general meeting today. He added that the company was confident it would meet expectations of flat year-on-year revenues for Chrysalis Radio in its 2007 financial year, which ends in August.

A report in today's Financial Times said Chrysalis - also home to talk station LBC - has been mulling a strategic review of its business. Many analysts believe the company would be better off

demerging its radio and music businesses or selling off one of them to fund investment in the other. Chrysalis has so far failed to benefit from the consolidation that has transformed the radio industry over the past two years. (www.mediaguardian.co.uk)

Chrysalis examines merger possibilities

13 February, 2007

Chrysalis hopes to explore the possibility of a merger between its Heart and Galaxy radio arm and the market-leading businesses owned by GCap Media and Emap, its chief executive said yesterday. Richard Huntingford said that the radio group wanted to explore whether a relaxation of the competition rules unveiled by Ofcom last year would make previously unthought-of deals possible.

Chrysalis also held out the possibility of a sale or demerger of its radio arm, hiring Hawkpoint, the investment bank, although its shares were unchanged at 157¼p as it became clear that neither option was yet firmly on the agenda at the company, which had been under pressure to review its structure.



Last year, Ofcom said, as it concluded a review of the radio market, that the medium should no longer be considered separate from other media for competition purposes, paving the way for the creation of as little as two major radio groups. However, nobody has attempted to test the new thinking, which would also have to pass muster at the Office of Fair Trading.

Chrysalis promised to update investors at its annual results in May. (www.thetimes.co.uk)

RSL & LPAM News

Details of the football club's broadcasting their home games are as follows:

Football Club	Station	March fixtures	April fixtures
Crystal Palace	Palace Radio 1278 kHz	10 Leicester 31 Sheffield Wed	7 Preston 14 Wolverhampton 28 Derby
Blackburn	Radio Rovers 1404 kHz	17 West Ham	7 Aston Villa 14 Watford 28 Charlton
Manchester Utd	Manchester Utd Radio 1413 kHz	17 Bolton 31 Blackburn	9 Sheffield Utd 21 Middlesborough
Barnsley	Oakwell 1575 kHz	3 Norwich 10 Sunderland 31 Derby	9 Birmingham 21 Crystal Palace 28 Leicester
Rushden and Diamonds	Radio Diamonds 1503 kHz	3 Exeter 6 Morecambe* 17 Northwich 23 Crawley*	7 Southport 14 Kidderminster 21 Woking

* Evening Games

Crush 1278 kHz has returned to the air after an absence of nearly a year! The station broadcasts



from The University of Hertfordshire which is located in Hatfield. They are identifying with the "Crush 1278AM" and also "From the University of Hertfordshire". Their address is University of Hertfordshire Students' Union,

College Lane, Hatfield, Herts. AL10 9AB. Tel: 01707 285000 Fax: 01707 286150 Email: uhsu@herts.ac.uk and web address <http://uhsu.herts.ac.uk/media/crush/>

LPAM Survey


Member Tracey Gardner tells me that the Nottingham College station on 1278 kHz is now on induction loop only, and Chris Ashby reports that IC Radio Ashford Kent 1134 kHz was not on air when he checked on 20 February, 2007.

Tony Hudson our webmaster has obtained details of changes to the BFBS Northern Ireland/BFBS Gurkha LPAM stations as follows:

1287	BFBS Northern Ireland	St. Patricks Barracks, Ballymena	BFBS Radio	This station will close and go off air February 2007
1287	BFBS Northern Ireland	Bessbrooke Mill	BFBS Radio	This station will close and go off air March 07
1287	BFBS Northern Ireland	Shackleton Barracks, Ballkelly	BFBS Radio	This station is due to close and go off air July 2008
1287	BFBS Gurkha Radio	Buckley Barracks, Wiltshire	BFBS Radio	Future planning

IRELAND

Radio North Web site

Member Ken Baird has supplied the web address of the unlicensed Irish station R 846 kHz Radio North. It is <http://www.radionorth.net/index.htm> All the details are on the web site Email: studio@radionorth.net and telephone number: 00353749383466 . Just one missing – their postal address! 

Update on IOM station

Received this from the Circle webmaster:

Paul Rusling and Rodney Collins have both resigned as directors of IOMIB during December/January. This leaves the company without a company secretary and further lessens the chances of this project ever starting broadcasting.

The following comments have been published by Hans Knot in Holland:

“A lot of rumours are going round about the Music Mann project, the long planned long wave radio station on the Isle of Man. Two of the people involved I asked for comments and till now no answer from Paul Alexander Rusling. Here’s what Rodney Collins wrote me: ‘Hi Hans, I resigned from the Board on December 08 and I am told Paul resigned at the beginning of January. Paul, as the CEO, can tell you more, but I can say that I left as the Board were unable to make progress with the project because of difficulties with certain shareholders.

Thanks Rodney. And just a day later we got an e mail from Paul Rusling, who we also asked about the project: Maybe now everybody will stop writing about it, and give the people who are still working on it a chance to get the work done, unmolested by crazy internet stories!!! The internet stories did cause us a lot of problems last year and resulted in two investors walking away, scared of stories about the aerial, or that LW was too old fashioned. As you know, I believe that it is programme content which attracts listeners, not the hifi quality of transmissions.

There are some other reasons why IMIB is becalmed - the professional radio people in the IMIB team (for example, myself and Rodney Collins, but several others too) did not want to launch without enough money to operate properly for at least 6 to 9 months, and pay people proper wages. I have always ensured that everyone who worked under me got paid and none were ever put in danger from low standards - those are two principles that I won't compromise on. Some folk in IMIB want to launch very cheaply (we call it "on a shoestring" in England) and I could see that this could create a huge problem. Caroline has already tried all those cheap blagging tricks, I was there with some of the biggest blaggers of all time (and I say that with the greatest respect, I admire what they managed to achieve in the face of adversity). IMIB however is a legal radio station and must be operated under the strict terms of its licences - not just broadcast permits, but various maritime regulations too.

The classification society has written up formal conditions to "ensure safe operation of a radio ship transmitting while at sea". I regard that as a major achievement, but it does mean you cannot do things cheaply. When you are licensed and fully authorised, you cannot duck and dive from responsibilities - life is too short for too many capers like that. It's maybe ok if your team are young with no responsibilities - but my team are mostly mature and have things like mortgages, car payments, children and especially wives to keep. None of us can live on fresh fish alone - well, not for very long! For the record, I did not receive any salary or my expenses from IMIB for many years, and instead, like many others, was feeding money into the IMIB company to keep it alive. To continue dialogue with investors you need to go to meetings, make presentations, submit documentation, pay the bills of lawyers and accountants while they make their due diligence investigations. And still pay annual registration fees, the cost of offices, telephones, travelling - etc, etc. For me this all became too much expense and, after a long discussion with my wife, I stepped down from the Board over a month ago in order to press on with other work.

I'm now in Melbourne Florida working on developing a type of antenna. I remain a shareholder in IMIB and wish the project well - the new Board know that if I can be of help then I shall be, but I couldn't continue being the public face of IMIB when I didn't agree with the stance being taken over investment and the cost, which impact on operational style and might jeopardise the huge potential that I believe is inherent in the LW279 project. Here we have a relatively cheap to launch totally legal free radio station, from a ship at sea. All possible tomorrow, it just needs a bit more cash (£1,800,000 is needed - that will guarantee operation at 250 KW for a year.) Guys - please start buying lottery tickets (I'm in the Florida Lottery the last few weeks - a \$32m rollover at the moment!). Thanks a lot Paul Rusling and I hope it's clear now for those who were asking us frequently what is going on with the project."

There is nothing on the station's web site to suggest that the station will not be broadcasting in the future - but neither is there any definite information to indicate that they will be broadcasting!

EUROLOG

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

with John Williams

e-mail: eurolog@mwcircle.org ☎ 01442 408567

kHz	Station, location; details heard etc	SIO	UTC	Date	Who
531	Truck Radio Burg, Music, ID, News	222	2300	28/ 01	FW
531	R. Musigwälle, Swiss folk Music	444	1918	07/ 02	FW
531	Utvarp Foroya, Torshavn, EE Pop music	444	2315	14/ 02	FW
540	VRT 2, Wavre, ID "Radio Twe", News	222	2300	26/ 01	FW
540	Kossuth Radio, Solt, News, S/off	444	2305	26/ 01	FW
540	OCR R. Barcelona, ID, News	444	0200	27/ 01	FW

kHz	Station, location; details heard etc	SIO	UTC	Date	Who
603	Romania Acutalitata, various, Music, ID, News	333	0200	16/ 02	FW
603	RNE 5 various, ID , “Todo noticias”, News	333	0300	16/ 02	FW
612	BH Radio 1, Danje Mostre, folk music	333	1850	04/ 02	FW
630	NRK 1, Football live	444	1920	07/ 02	FW
657	RAI Uno, various, sport news	333	1854	04/ 02	FW
666	Lietuvos Radija 1, Sitkunai, Magazi	333	1856	04/ 02	FW
666	SWR Contra, Rohrdorf, ID, News	222	1900	04/ 02	FW
666	Classic Gold 666/954 Exeter; Pops and ID	444	1616	23/1	NH
702	Rdio Christo Botev, Pirin, Bulgarian folk music	222	2124	17/ 02	FW
720	WDR2/Vera Langenberg; (tentative) GG OM traffic report	433	1626	23/1	NH
720	BBC Radio 4 Lisnagarvey + 2 stations; Legal discussion //198	333	1628	6/2	NH
738	RFI Paris; ID EE YL /OM News talk on world music	534	1402	2/2	NH
756	DLF Ravensberg; (tentative)GG YL/OM	444	1637	4/2	NH
756	R. Euskadi Bilbao; SS OM football commentary	443	1640	4/2	NH
765	Option Musique Sottens; (Tentative) FF Folk style song	533	1106	27/1	NH
774	RNE 1 various, ID “Radio Nacional”, News	333	2300	01/ 02	FW
774	Classic Gold 774, Gloucester, Oldies	211	0210	02/ 02	FW
783	MDR Info Leipzig; ID GG OM	333	1600	31/1	NH
783	Rock and Gol Barcelona; SS OM YL Football commentary ...	444	1623	4/2	NH
792	France Info Limoges; FF OM/YL ID news	555	1558	31/1	NH
801	RNE1 tx?; SS Football commentary	555	1619	4/2	NH
810	BBC R. Scotland, Talk (2 OM)	333	1922	07/ 02	FW
810	BBC Radio Scotland tx? News	534	1602	31/1	NH
819	RAI Uno Trieste, Telephone interview	333	2140	17/ 02	FW
837	France Info Nancy (tentative) FF YL	534	1602	31/1	NH
846	RAI Roma, Footabll „Copa Italia“ Live	444	2004	01/ 02	FW
846	Unid Italian; OM discussion	333	1608	31/1	NH
855	RNE1 Murcia (tentative) SS OM	444	1213	4/2	NH
864	France Bleu; Ile de France OM ID “Bleu” old FF pops	555	1208	4/2	NH
873	SER txs ? SS OM YL	343	1627	31/1	NH
882	BBC R. Wales, music and talk	333	1925	07/ 02	FW
891	R.radio 538 Hulsberg, pop music	333	2222	16/ 02	FW
891	R538 Hulsberg (tentative) DD OM YL ads	343	1631	31/1	NH
900	R Popular de Bilbao (tentative) SS YL	232	1205	4/2	NH
909	RNE 5, Palma de Mallorca, talk and music	222	1914	16/ 02	FW
909	BBC R. Five Live, Talk (2 OM)	333	1920	16/ 02	FW
909	Radio Cluj, ID “Radio Cluj“, News	333	1959	16/ 02	FW
936	Classic Gold 936/1161 Nash Hill; ID Local ads	555	1149	23/1	NH
954	Classic Gold 666/954 Torbay//666	555	1617	23/1	NH
963	Radio Horizont, Bulgarian pop music	333	2227	16/ 02	FW
981	ERA Sports Athens, Sports news	333	2230	16/ 02	FW
999	R. Pridnestrowja, talk, music	333	0622	26/ 01	FW
1035	Northsound Two, Aberdeen, local adv., music	222	2241	16/ 02	FW
1071	Euskadia Bilbao, news	333	0200	30/ 01	FW
1071	TalkSport, Football	222	2030	30/ 01	FW
1071	Euskadia Bilbao, Football „Primera Divison – “Atl. Bilbao”	222	2120	11/ 02	FW
1143	AFN multi-site, Germany; long distance ground-wave reception (?) weak but clear	Weak	1250	25/02	SW
1161	Classic Gold 936/1161, music from the 80	222	0200	31/ 01	FW

kHz	Station, location; details heard etc	SIO	UTC	Date	Who
1161	R. Horizont, ID "Radio Horizont", News	222	2300	31/ 01	FW
1161	TAY AM, Dundee, Tay AM, music	333	2303	31/ 01	FW
1171	Radio Horizont, Bulgarian magazine	333	2113	11/ 02	FW
1197	Virgin Radio, pop music	333	2110	11/ 02	FW
1215	Virgin Radio, pop music	222	2111	11/ 02	FW
1224	COPE Radio various, Football live	222	2107	11/ 02	FW
1224	Radio Horizont, relais Radio Bulgaria	444	2108	11/ 02	FW
1251	Kossuth Radio, national anthem, news	444	2300	12/ 02	FW
1251	Classic Gold Amber, Gr. Barton, news, oldies	222	0200	13/ 02	FW
1251	Classic Gold Amber Bury St Edmunds; ID	555	1704	9/2	NH
1269	COPE Zamora; SS YL ID	444	1655	9/2	NH
1278	France Bleu Strasbourg; FF OM ID (Strasbourg refs)	544	1643	12/2	NH
1314	RNE5 tx? SS OM YL guitar interlude	444	1523	14/2	NH
1323	Capital Gold 1323 Brighton, Internet address, "Capital Gold"	333	2300	09/ 02	FW
1323	R. Targu Mures, Relais Romania International	121	0210	10/ 02	FW
1341	Magyar Katolikus Radio, talk YL	433	1930	07/ 02	FW
1368	BBC R. Lincolnshire, „BBC R. Lincolnshire“, News	333	2300	08/ 02	FW
1368	Manx Radio, ID "Manx Radio", talk	121	2312	08/ 02	FW
1413	BBC R. Gloucester, ID, news	333	2300	05/ 02	FW
1413	Premier Christian Radio, London, Gospel song, talk	222	2310	05/ 02	FW
1413	Fresh Radio, Oldies	121	0205	06/ 02	FW
1431	RAI Uno Foggia, ID „RAI Uno“, News	333	2300	18/ 02	FW
1458	BBC Asia Network, Wreckenton, Asia Musicprogram	444	2135	17/ 02	FW
1476	WNKR, SE England; "Rocking the south East of England"	Fair	2351	25/02	SW
1476	R Britannia, Yorkshire; oldies and IDs but off air abruptly mid –track at 1021utc	Good	0945	24/2	SW
1485	BBC R. Humberside, ID "BBC R. Humberside", News	333	2300	06/ 02	FW
1485	Classic Gold 1431/1485, talk, telephone number	222	2306	06/ 02	FW
1485	SER R. Various, news	333	0000	07/ 02	FW
1485	OCR R. Antequera, news	333	0200	08/ 02	FW
1521	SER R Castello Castello (tentative) SS Om "Vitoria"	333	1452	29/1	NH
1521	Classic Gold 1521 Reigate ID national news (in null)	232	1501	29/1	NH
1530	Puls Classic Gold, Huddersfield , ID "Classic Gold",	333	0300	05/ 02	FW
1530	Romania Actialitata, Mhaileni , folk music	222	0310	18/ 02	FW
1557	Capital Gold 1170/1557 Southampton; Local ads	544	1443	29/1	NH
1557	France Info Fontbonne Nice; FF OM YL and ID ads	544	1456	13/2	NH
1566	BBC Somerset Sound, Taunton, news	333	1905	04/ 02	FW
1566	County Sound, Peasmarsh/Guildford., music, information	333	1910	04/ 02	FW

Many thanks to:

FW Friedhelm Wittlieb, Grundig Satellite 700, Martens-Fram Dortmund Germany
 NH Norman Histon, Poole. Palstar R 30CC and 1m Hexagonal loop
 SW Steve Whitt, High Catton near York with AOR7030+ & dual K9AY antennas

Oddment. I have seen radios for the shower, disguised as animals etc etc but in Woolworths the other day I saw a tape measure with an integral radio!! Can you top this?

The **deadline** for the next issue is 25 March, 2007
 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	Call sign	Station, location; details heard etc	SIO	UTC	Date	Who
530		Radio Visión Cristiana, South Caicos; SS preaching // webcast Link to webcast simply went to html code, but I managed to find the likely link within the code – and it worked!) http://www.radiovision.net/radiovision.php for anyone else seeking it!	W	0819	9/2	PC
531		RTA, Ain El Beida, Algeria; Arabic, ID, News	333	0200	29/1	FW
540	CBT	Grand Falls, NL; // 1070 personal first – heard under Arabic station	W	0012	7/2	PC
540	CBT	Grand Falls, NL; // 1070 very rare here; //640 mixing Arabic	Fr pk	0120	17/2	SW
550	WSAU	Waussau WI; wx, “That’s the forecast on 55 SAU”; xf CHLN	Fpks	0809	11/2	mah
550	CHLN	Trois-Rivières, QC (pres); FF talk	W	0014	7/2	PC
550	CHLN	Trois-Rivières QC; FF anns& ID “Le sport CHLN 5-50”	W/F	0710	10/2	Rha
550	CHLN	Trois-Rivières QC; FF anns, ID “CHLN 5-50”; xf WSAU	Fpks	0831	11/2	mah
555	ZIZ	Basseterre, St Kitts; BBC World Service	W	0751	3/2	PC
555	ZIZ	Basseterre, St Kitts; own px of West Indies mx	F	0118	18/2	BD
560	CHVO	Spaniard’s Bay NL; VOXM 20/20 weather	F	0750	3/2	PC
560	CHVO	Spaniard’s Bay NL; country songs/mx // 590 kHz	W	0638	10/2	Rha
560	CHVO	Spaniard's Bay NL; VOXM country pops & VOXM nx	W/F	0030	17/2	BD
560	CHVO	Spaniard’s Bay NL; Crystal Gale // 590, but announcement “This is your station, 5-60 ???” – not clear whether the call was CHVO or VOXM.	W	0326	17/2	AB
560	CHVO	Spaniard's Bay NL; local ID “5-60 CHVO” in prog promo at 0034; country programming; not // rest of VOXM network	Fr pk	0034	17/2	SW
580	CFRA	Ottawa ON; regular talk-programme at this time	W/Fpks	0720	10/1	Rha
580	CFRA	Ottawa ON; Chat with ‘cfra.com’ and CFRA ID	F	0546	7/2	PC
590	WEZE	Boston MA; religious tlk or preaching under VOXM’s country	W	0610	12/2	Rha
590	VOXM	St John’s NL; VOXM IDs	W	2348	27/1	PC
590	VOXM	St John’s NL; “VOXM 20-20 weather”	vW	1153	29/1	mah
590	VOXM	St John’s NL; country music	W	2312	6/2	JW
590	VOXM	St John’s NL; country songs/mx very strong this morning	F/Gpks	0633	10/2	Rha
590	VOXM	St John’s NL; pops ‘Talking in your Sleep’ by Crystal Gale	VG	0325	17/2	AB
600	CBNA	St Anthony NL; CBC o/n talk // 1070 kHz	W	0726	31/1	BD
600	CBNA	St Anthony NL; BBC World Service // 1070 kHz	F	0749	3/2	PC
600	CBNA	St Anthony NL; talks/reports CBC One	W/Fpks	0723	10/2	Rha
600	CBNA	St Anthony NL; Music // 640 kHz	W	0336	17/2	AB
600	CJWW	Saskatoon SK; country mx, “Country 600 CJWW”	W/F	0913	29/1	mah
603		Egyptian Radio, Barnis; talk and Arabic music	121	2227	15/2	FW
610	CHNC	New Carlisle QC; EE/FF tracks. FF talk. “Country.....depuis 1933” The year the station was founded	F	0550	4/2	PC
610	CHNC	New Carlisle QC; “Vous écoutez CHNC/CHGM ...” accompanied by almost continuous music	G	0210	8/2	AB
610	CHNC	New Carlisle QC; FF tlk & mainly pop music/songs	F/Gpks	0706	10/2	Rha
610	CHNC	New Carlisle QC; “CHNC et CHGM” ID with pop music // 1150 kHz	F	2359	12/2	JF

kHz	Callsign	Station, location; details heard etc	SIO	UTC	Date	Who
610	CHNC	New Carlisle QC; FF country pops	W/F	0042	13/2	BD
610	CHNC	New Carlisle QC; presumed French with live sports then during a break "For our friends in the Maritimes, Newfoundland and the USA we have the first goal for you tonight with 15-26 to play in the first period..." . I suspect it was ice hockey because references to "rondelle" which I think must be "puck". CHNC website makes no mention of any sports coverage.	Exc	0040	17/2	SW
620	CKCM	Grand Falls NL; VOXM pop show	F/G	0245	3/2	BD
620	CKCM	Grand Falls NL; VOXM // 590 kHz	W	0748	3/2	PC
620	CKCM	Grand Falls NL; promo for a St Patrick's Day celebration and VOXM ID	F	2324	8/2	AB
620	CKCM	Grand Falls NL; talk programme // 590 VOXM	W/Fpks	0650	20/2	Rha
630		RTT Djedeida, Tunisia; Arabic music an talk (OM)	333	2104	18/2	FW
640	CBN	St John's NL; CBC o/n talk // 1070 kHz	W/F	0735	31/1	BD
640	CBN	St John's NL; BBC World Service // 1070 kHz	F	0755	3/2	PC
640	CBN	St Johns NL; YL with promo for a programme "coming up on CBC Radio"	W	0259	7/2	AB
650		KNR Qeqertarsuaq; IS, over country mx	F	0926	29/1	mah
650		KNR Qeqertarsuaq, Greenland; traces in mix with another	W	0653	20/2	Rha
650	CKGA	Gander NL; VOXM ID on noisy frequency	W	2332	5/2	PC
650	CKGA	Gander NL; VOXM wx	W/F	0055	10/2	BD
650	HJKH	Antena 2, SF de Bogotá; LA songs, "Antena Dos Colombia"	W/F	0656	2/2	mah
657		IBA Tel Aviv, Israel; Hebrew Radio theatre // 927 kHz (weak)	F	0202	15/2	ss
660	WFAN	New York NY; "Sports Radio 66 – WFAN, New York"	F	2323	3/2	PC
660	WFAN	New York NY; sports talk	W	2312	8/2	JW
660	WFAN	New York NY; sports talk & reports	W/Fpks	0643	10/2	Rha
660	WFAN	New York NY; sports talk show	W	0723	16/2	BD
670	WSCR	Chicago IL; Sporting News Radio, "Chicago's sports radio 6-70 The Score"	F	0720	12/2	mah
670	WSCR	Chicago IL; sports talk & ""Sports radio 6-70 the score" ID tag	W/F	0740	12/2	BD
670	CMBA	Radio Rebelde, Arroyo Arenas; SS talk // 5025 kHz	W/F	0831	3/2	PC
670	CMBA	Radio Rebelde Arroyo Arenas; round table discussion // 5025	W	0739	8/2	BD
680	KBRW	Barrow AK; no ID, but usual weather forecast	Wpks	1103	13/2	mah
680	WRKO	Boston ME "WRKO, Home of the Boston Celtics Radio Network"	F	0000	8/2	PC
680	WRKO	Boston MA; "Boston's talk station 6-80 WRKO"	Fpks	0733	9/2	mah
680	CJOB	Winnipeg MB; C2C, local ads, "The Superstation CJOB 6-80 in Winnipeg"	F	0858	29/1	mah
680	CJOB	Winnipeg MB; "Live, Local, First. You're up-to-date CJOB 68 News"	F/G	0809	12/2	PC
680	CFTR	Toronto ON; "6-80 News"	W/P	2247	10/2	mah
680	CFTR	Toronto ON; "6-80 Newstime 2:33"	F	0733	11/2	JF
680	CFTR	Toronto ON; "6-80 News"	Fpks	0822	13/2	mah
680	HJZO	Radio Nacional Sabanagrande; usual classical mx fair	W/F	0727	16/2	BD
684		IRIB Mashar, Iran; // 1467 kHz	Fpk	1702	12/2	ss
690	CINF	Montréal QC; FF talk, news	F	0008	7/2	PC
700	WLW	Cincinnati OH; "700 W-L-W" ID	W	0706	6/2	PC
700	WLW	Cincinnati OH; Cincinnati evacuation plan being discussed, concerned with snow spreading from Canada, and reference spoken very quickly to 'The Big One 700 WLW'	F	0246	8/2	AB

kHz	Callsign	Station, location; details heard etc	SIO	UTC	Date	Who
700	ZYK686	Radio Eldorado, São Paulo; PP discussion between two OMs; //webcast	W/F	2324	29/1	PC
702		RTM B, Sebaa-Aioun, Morocco; Arabic music	333	2122	17/2	FW
710	CKVO	Clarenville NL; Shania Twain // 590 (under R Rebelde)	W	0801	3/2	PC
710	CKVO	Clarenville NL; VOXM ID then into Country music	W	2322	6/2	JW
710	CKVO	Clarenville NL; "You're listening to Radio Newfoundland, St John's, on stations of the VOXM Radio Service"	F	2326	8/2	AB
710	CKVO	Clarenville NL; announcements, VOXM ID; continuing music	W	0730	10/2	Rha
710	CM--	R Rebelde, various sites; SS news preceded by cuckoo ID	F/G	0759	3/2	PC
710	CM--	Radio Rebelde, various sites; SS studio talk // 5025 kHz	W	0735	16/2	BD
720		KNR Simiutaq; IS, xd Euros	F	0926	29/1	mah
730	CKAC	Montréal QC; FF talk	F	0007	7/2	PC
730	CKAC	Montréal QC; FF talk show	W/F	0735	9/2	BD
740	CBX	Edmonton AB; Radio Sweden on CBC Overnight	W/F	0914	29/1	mah
740	CHCM	Marystown NL; VOXM wx	F	0249	3/2	BD
740	CHCM	Marystown NL; country mx // 590 kHz	F	0802	3/2	PC
740	CHCM	Marystown NL; Music // 590 kHz	W	0339	17/2	AB
740	CHCM	Marystown NL; local programming until 0030; local ID as 7-40 Good CHCM at 0027; // rest of VOXM after 0030utc	Good	0027	17/2	SW
740	ZYH446	R Sociedade da Bahia, Salvador; mention of 'Bahia' and several of 'Sociedade'	W/F	2315	27/1	PC
750	CBGY	Bonavista Bay NL; CBC News	W	0804	3/2	PC
750	CBGY	Bonavista Bay NL; ID "this is CBC Radio One"& CBC News at top of the hour	W/Fpks	0600	12/2	Rha
750	CBGY	Bonavista Bay NL; local promo "... on 7-10 CKVO"	W	2309	13/2	JW
760	WJR	Detroit MI; "Now here's the forecast from the WJR weather centre"	Gpks	0931	29/1	mah
760	WJR	Detroit MI; call picked out from weak talk	W	0304	9/2	AB
760	WJR	Detroit MI; ID after talk show."Newstalk 7-60 WJR" ID and ABC news	G	0100	11/2	JF
760	WJR	Detroit MI; Midnight Radio Network; WJR ID at toth	F/G	0747	11/2	PC
760	WJR	Detroit MI; "Newstalk 7-60", ABC News & WJR wx forecast	W/F	0603	12/2	Rha
770	HJJX	RCN Bogotá; "?? Internacional RCN....Bogotá" then list of World Service stations ...Radio Vaticano.....Radio Francia Internacional...." First word repeated several times but I don't know what it is!	F	0203	4/2	PC
770	WABC	New York NY; political talk // webcast	W	2338	5/2	PC
770	WABC	New York NY; telephone chat show	W/F	0045	13/2	BD
770	CHQR	Calgary AB; nx, "AM 7-70 CHQR"	vW	1104	11/2	mah
780	WBBM	Chicago IL; "News Radio 7-80 WBBM" rising above CFDR	F	0750	11/2	PC
780	WBBM	Chicago IL; "WBBM News time 2.14", and "Chicago's weather station News Radio AM 7-80 WBBM"; also W/F 0848 29/1	F/G	0814	11/2	mah
780	WBBM	Chicago IL; newstalk on WBBM News time ...	W/Fpks	0542	12/2	Rha
780	WBBM	Chicago IL; rolling nx & "News Radio WBBM" ID	F	0747	12/2	BD
780	CFDR	Dartmouth NS; "Classic Country - 7-80 Kixx"	F/G	2320	3/2	PC
780	CFDR	Halifax NS; still playing country music	W/F	0743	6/2	BD
780	CFDR	Dartmouth NS; long religious talk by OM (Confirmed with other DXers that this is the format at this time)	F	2310	7/2	JW
780	CFDR	Dartmouth NS; classic country songs/mx & KIXX ID	W/F	0702	10/2	Rha

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780	ZYI771	R Jornal do Comércio, Recife (tentative); PP anns, possible “Rádio Jornal” ID, TC	Fpks	0011	30/1	mah
790	WAXY	South Miami FL; ads, “You’re listening to Fox Sports Radio on WAXY South Miami, Sports Talk 7-90 - The Ticket”	W/F	1006	3/2	mah
790	WAXY	South Miami FL; local ads for South Florida	W	0446	6/2	PC
790	WAXY	South Miami FL; legal ID (rarely heard by me)	Poor	0700	17/2	SW
790	WAXY	South Miami FL; Fox, “In Miami ...WAXY 7-90, your station for ... football”	F	0359	17/2	ss
790	WSKO	Providence RI (tent); ESPN sports talk	W	0805	12/2	BD
790	CFCW	Camrose AB; country mx, “CFCW” IDs, anns	W	0947	11/2	mah
790	CFNW	Port au Choix NL (tent); country music px	W	0748	6/2	BD
790	CFNW	Port au Choix NL; “... on 5-70 CFCB”, country mx	F/G	2318	11/2	mah
790	CIGM	Sudbury ON; “Sudbury’s sports leader AM 7-90 CIGM” ID briefly on top of the mix; actually, the frequency definitely sounds like “11-90” rather than “7-90”, but it must be a trick of the ears	Fpk	0822	1/2	mah
800	VOWR	St John's NL; easy listening nostalgia mx show per website	W/F	0744	31/1	BD
800	VOWR	St John’s NL; country mx; “That does it for another edition of Newfoundland Folk Sounds here on VOWR”	G	0837	1/2	mah
800	VOWR	St John’s NL; country music // webcast	F	0807	3/2	PC
800	VOWR	St John’s NL (pres.); old standards music mention of St John’s	W	2347	15/2	JW
800	CKLW	Windsor ON; “AM 800 CKLW Community Calendar”	W/F	0931	29/1	mah
800	CHRC	Québec QC (pres); FF talk mixing with VOWR	W	2240	6/2	PC
800	PJB	TWR Bonaire, Netherlands Antilles; SS anns, several mention of “... transmundial ...”	F/Gpks	0913	3/2	mah
800	UNID	Coast to Coast	W/F	0752	11/2	PC
810	WGY	Schenectady NY; anns, “... WGY ... weather station wgy.com” P/F ID, difficult under R Scotland	P/F	0730	12/2	mah
809.97	CJVA	Caraquet NL (presumed); country mx, under BBC R Scotland; also presumed with Fpks 0825 13/2	Fpks	2339	12/2	mah
820		TBN, Charlestown, Nevis; Bible story about Ahab // webcast	W	0806	4/2	PC
820	CHAM	Hamilton ON; oldies, “8-20 Cham – The Legend”	Fpks	0851	13/2	mah
830	WCCO	Minneapolis MN; jingle ID, and “8-3-0 WCCO”; also Fpks 1058 29/1, F/G 0836 11/2	W/F	1039	12/2	mah
830	WCRN	Worcester MA; “8-30 WCRN”	W/F	0733	12/2	mah
830	WCRN	Worcester MA; programme trailer with multiple WCRN IDs	F	2324	16/2	PC
830	WCRN	Worcester MA; Michael Savage talk show, WCRN ID & USA Radio News; (suspect 50kW on or testing)	F/G	0048	17/2	BD
830	YVLT	R Sensación, Caracas; “La Nueva Sensación 830 AM”	F	0758	2/2	mah
840	4VEH	Cap Haitien, Haiti (presumed); FF/Creole tlk, occasionally coming on top for a minute or two at a time until about 0950; unfortunately no live audio stream from their website; also presumed Fpk 0939 2/2, Fpk 0939 5/2	Fpks	0918	6/2	mah
840	4VEH	Cap Haitien, Haiti (presumed); FF& Creole talk; religious px	W/Fpks	0648	10/2	Rha
840	WHAS	Louisville, KY; “84 WHAS” ID	W	0732	9/2	PC
840	WHAS	Louisville KY; “Depend on News Radio 84 – WHAS, online at WHAS.com and on the air in high definition digital” in middle of news summary	G	0600	10/2	AB
840	WHAS	Louisville KY; “84 WHAS”; + F/Gpks 0758 6/2, W/F 0904 10/2	F/G	0830	11/2	mah

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840	ZYH447	R Excelsior da Bahia, Salvador; PP anns, including two clear “Rádio Excelsior da Bahia” IDs, jingle	G	0000	30/1	mah
850	WFTL	West Palm Beach FL; “Newstalk 8-5-0 WFTL” ID in the noise	W	0106	9/2	JF
850	WFTL	West Palm Beach FL; “News Talk 8-5-0 WFTL”; also Fpk 0831 3/2	F	0906	10/2	mah
850	WEEI	Boston, MA; Fox Sports – preview of Superbowl	W	0810	3/2	PC
850	WEEI	Boston MA; “... Sports Station 8-50 WEEI” heard	W	0506	4/2	AB
850	WEEI	Boston MA; sports talk	W	0750	6/2	BD
850	WEEI	Boston MA; plenty of sports talk and phone in on the “Red Sox”	F	2342	6/2	JW
850	WEEI	Boston MA; Boston sports commentary	G	0128	8/2	JF
860	CJBC	Toronto ON; FF round table discussion	W	0145	10/2	BD
860	CJBC	Toronto, ON; FF talk – mentions of Montréal	W	2247	12/2	PC
864		RL Gavar, Armenia; // 9770 kHz also with TWR 15/2 at 17h	G	1538	14/2	ss
870	WWL	New Orleans LA; toh ID “From the heart of ...?... News and information station, the big 8-70 WWL New Orleans and 1-0-5-3 WWL FM New Orleans”	F	0500	4/2	AB
870	WWL	New Orleans LA; C2C talk show // 1180 kHz	W/F	0754	6/2	BD
870	WWL	New Orleans LA; “WWL AM 105-3 WWL FM and wwl.com” “the Big 8-70 WWL”	W/F	0108	7/2	PC
870	WWL	New Orleans LA; station contact infos into WWL AM 870 & FM 105.3	W/Fpks	0555	12/2	Rha
880	WCBS	New York NY; YL with “WCBS news time it’s 2:15”	W	0715	3/2	AB
880	WCBS	New York NY; WCBS Traffic Report	F	0809	3/2	PC
880	WCBS	New York NY; “WCBS” rolling nx	W/F	0815	6/2	BD
880	WCBS	New York NY; “WCBS Newstime” ID and feature	G	0122	8/2	JF
880	WCBS	New York NY; politics & business tlk mentioning New York	F	0653	10/2	Rha
890	WAMG	Dedham MA; ESPN Radio	W	0146	6/2	PC
890	WAMG	Dedham MA; ESPN R mixing with WLS, WAMG on toh	F	0646	11/2	ss
890	CJDC	Dawson Creek, quick appearance on 315/330 deg-antenna (not 345 deg), “CJDC.com”, C&W	Fpk	0743	12/2	ss
890	CM--	Radio Progreso; bright Cuban mx & information	F	0750	9/2	BD
890	CM--	Radio Progreso, 2 sites listed; program about Saint Valentine // webcast; “Radio Progreso” ID	F	2313	14/2	PC
890	CM –	R Progreso, 2 sites listed; SS music and “Radio Progreso Cadena Nacional” ID	W/F	0700	10/2	Rha
891		RTA Algiers, Chanal 1, Algeria; Arabic music and talk	222	2220	16/2	FW
891		ENRS1, Oulet Fayet, (Alger), Algeria (tentative); Arabic songs	344	1633	31/1	NH
900	CMKP	Radio Progreso, Cococum; bright Cuban mx // 890 kHz	W	0748	9/2	BD
909		VOA Sebele Pikwe, Botswana ; talk YL/OM	121	0315	17/2	FW
918		AIE Suratgarh, India; EE VV songs, Akashvani..., SLO phased, “postbox ..., Suratgarh, Rajastan”	G	1715	14/2	ss
920	WKRT	Cortland NY (tentative); “Talk Radio Countdown Show”, best on the 340° beverage; faded for 0930 break; tnx to Renato Bruni for finding the web link that shows this programme is carried by WKRT, though I suspect it was from further west	Fpks	0925	11/2	mah
920	CFRY	Portage la Prairie MB; country mx, “CFRY morning weather forecast”; also Gpks 0844 29/1	W/Fpks	0921	11/2	mah
920	CJCH	Halifax NS; Halifax spots & network talk show	W/F	0730	1/2	BD
920	CJCH	Halifax NS; ads and “9-20 CJCH” ID	W/F	0815	3/2	PC

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920	CJCH	Halifax NS; "92 CJCH satellite weather", jingle	W	1005	3/2	mah
920	CJCH	Halifax NS; oldies as usual "All oldies all of the time. 92-CJCH W is available online on the worldwide web at CJCH.ca"	W	2333	7/2	AB
920	ZP1	RN del Paraguay, Asunción; SS anns, clear ID "Radio Nacional Fpks del Paraguay", mx		0022	30/1	mah
930	WBEN	Buffalo NY; "9-30 WBEN" and ad heard briefly above CJYQ	F	0004	12/2	PC
930	WBEN	Buffalo NY; very weak "News Radio 9-30 WBEN"	W	0257	12/2	AB
930	WBEN	Buffalo NY; "News Radio 9-30 WBEN" accuweather; call in on 803-0-930; again at 0056 on 23/2	Good	0126	17/2	SW
930	CJYQ	St John's NL; "Radio Newfoundland, our music, our heritage"; folk songs	F	2321	27/1	PC
930	CJYQ	St John's NL; folk music	W	2315	6/2	JW
930	CJYQ	St John's NL; ad for 'Lumberworld' and Mike Conway of 'Homestead Inspections' which is "Newfoundland owned and operated", and both St John's based. Radio Newfoundland ID	W	0419	7/2	AB
930	CJYQ	St John's NL (presumed); commentary on sports game	W	2319	9/2	JW
930	CJYQ	St John's NL; sports results	F	0206	10/2	BD
930	CJYQ	St John's NL; song	222	0110	13/2	MvA
936		Syrian R Homs; AA seems to be 24h sked since Jan., A // 747, 783 kHz	W	0010	12/2	ss
940	CINW	Montreal QC; traffic report then into ads mention of Montreal	F	2342	6/2	JW
940	CINW	Montreal QC; Montreal ads	F	0004	7/2	PC
940	CINW	Montreal QC; Canadian talk show	W/F	0210	10/2	BD
940	CINW	Montreal QC; Montreal weather forecast, IDs "9-40 Montreal"	Fpks	2332	10/2	mah
940	CINW	Montreal QC; "C2C on the new 940 Montreal"	Gpks	0756	12/2	ss
950	CFAM	Altona MB; classical piano mx – Bach, // 1250 kHz	W/F	0916	29/1	mah
950	CKNB	Campbellton NB; "Your community radio station 95 CKNB"	F	2307	3/2	PC
950	CKNB	Campbellton NB (presumed); country music	W	2345	6/2	JW
950	CKNB	Campbellton NB; "95 CKNB"	W/F	0857	10/2	mah
950	CKNB	Campbellton NB (pres); oldies out of the 60's & 70's	W/F	0540	12/2	Rha
950	CKNB	Campbellton NB; usual pop format & "95 CKNB" ID	W/F	0141	18/2	BD
950	CHER	Sydney NS; "Classic Hits Max 9-50", dom	Gpks	0842	3/2	mah
950	CHER	Sydney NS; "Classic Hits of the 60s, 70s and 80s – Max 9-50"	F	2158	15/2	PC
954		Qatar BS, Doha, UAE; AA Quran, ID, ISR QRM	G	0155	16/2	ss
960	WEAV	Plattsburgh NY; Fox Sports Radio in and out of the noise / mixing with CFFX from 0023; caught ID at 0146 "You're listening to The Zone 9-60 AM, 96.7 FM The Zone"	Fpks	0146	12/2	mah
960	WFIR	Roanoke VA ; noted at 0300 with ID "... on News Talk 9-60 WFIR" in a real mix, including R Reloj from Cuba; at 0630 several IDs "This is News Talk 9-60 WFIR you already know where you can ..." and "...County morning news weekdays ... radio on News Talk 9-60 WFIR ... You know where ... AM dial online too wfir960.com ... News Talk radio ... wfir960.com. ..."; tnx to SW and AB for checking the clip and filling in detail; UK FIRST	Wpks	0630	12/2	mah
960	CFFX	Kingston ON; oldies, "Oldies more fun, more oldies, more often, Kingston's fun oldies - Oldies 9-60"; also F 2319 11/2	F/G	0856	13/2	mah
960	CM--	Radio Reloj, several sites; rolling SS News with time tones and mentions of Cuba	W/F	0817	3/2	PC
970	KFBX	Fairbanks AK; "News Radio 9-70 KFBX"; also Fpks 1105 12/2 vW		1100	11/2	mah

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970	WFLA	Tampa FL; "WFLA" ID heard in the mix at 06:59 and again at 07:04	W	06:59	16/2	JF
970	WZAN	Portland ME; "9-70 WZAN" ID	W	0229	9/2	PC
970	WZAN	Portland ME; WZAN ID in promo break	F	2353	12/2	JF
970	WZAN	Portland ME; CNN Radio; "9-70 WZAN 5-day forecast"	F/G	0905	13/2	mah
970	WZAN	Portland ME; "9-70 WZAN" ID & CNN News	W	0200	18/2	BD
970	YV--	R Mundial Oriental, Barcelona; heard for an hour with all mx having same distinctive beat. Brief announcements made over the mx. I couldn't decipher them. Tnx to Dario Monferini for help with three clips: (1) "Radio Mundial Oriental nuevesetenta presenta musica popular"(2) " Gracias, Gracias por ser un oyente Mundial" (3) "usted es un oyente competente ...un oyente Mundiallllllll" Second clip with mx sample and same message http://paulc.mwcircle.org/9702.mp3	W	0140	2/2	PC
980	CKRU	Peterborough ON; oldies music and an ad for debt reduction, followed by "9-80 Cruise" ID	Fpks	0545	10/2	AB
980	CKRU	Peterborough ON, E !weekday mornings at 8 on 9-80 KRUZ"	Gpks	0615	11/2	ss
980	CKRU	Peterborough ON; oldies, "... Peterborough's hometown radio station - we are 9-80 Kruz"	Gpks	0005	12/2	mah
980	CKRU	Peterborough ON; funky music // webcast	F	2249	12/2	PC
980	CKRU	Peterborough ON; live ice hockey // streaming audio but no schedule or prog info on website	Poor	0034	24/2	SW
980	CKRU	Peterborough ON; "You're listening to primetime sports on 9-80 Cruise and over the network"	G	2349	12/2	JF
981		RTA Algiers, Chanal 2, Algeria; talk and Arabic music	222	2236	16/2	FW
990	CBW	Winnipeg MB (tentative); CBC News, "cbc.ca"; Winnipeg rather than Corner Brook? Faded before start of overnight px, so difficult to know where from, but MB very strong at the time	Gpk	0801	12/2	mah
990	CBY	Corner Brook NL; CBC News	F	0930	3/2	PC
990	CKGM	Montreal QC; sports roundup // webcast	W	0002	8/2	PC
990	CKGM	Montreal QC; "Montreal's sports authority - The Team 9-90"	Gpks	0800	12/2	mah
1000	WMVP	Chicago IL; ESPN Radio, Chicago ads; also Fpks 0920 29/1	F/G	0858	11/2	mah
1000	WMVP	Chicago IL; "WMVP Chicago" and "ESPN 1000"	F	0500	12/2	PC
1000	WMVP	Chicago IL; ESPN sports talk & Chicago spots	F	0755	12/2	BD
1000	KOMO	Seattle WA; "You're never more than 10 minutes away from Komo 1000 traffic"; also F/G 0944 12/2	Fpks	0705	11/2	mah
1010	WINS	New York NY; lottery results for NY, NJ, CT; "Wins" weather	F	0759	28/1	PC
1010	WINS	New York NY; rolling nx & "Wins 10-10" ID	W	0746	1/2	BD
1010	WINS	New York NY; ID "Now the official WINS 4 day forecast - low 18"	F	2305	8/2	JW
1010	CFRB	Toronto ON "Newstalk 10-10 CFRB"	F	0753	6/2	PC
1010	CFRB	Toronto ON; OM "CFRB News time 6.01"	G	2301	6/2	JW
1010	CFRB	Toronto ON; news summary and "CFRB news time 12.01. Still to come, Toronto police make arrests ..."	G	0500	10/2	AB
1010	CFRB	Toronto ON; Canadian tlk show & mention of Toronto in between short sports	W/F	0722	12/2	Rha
1020	KDKA	Pittsburg PA; "News Radio 10-20 KDKA" heard at toh before news	W	0800	3/2	AB
1020	KDKA	Pittsburgh PA; KDKA ID heard while flicking through the channels	W/f	0732	6/2	JF

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1020	KDKA	Pittsburgh PA; State Lottery results "...results are always on the web at kdkaradio.com"	F	0004	8/2	PC
1020	KDKA	Pittsburgh PA; "The Voice of Pittsburgh News Radio 10-20 KDKA"	W/Fpks	0807	8/2	mah
1020	KDKA	Pittsburgh PA; tlk and KDKA by YL	Fpks	0410	11/2	ss
1020	KDKA	Pittsburgh PA; newstalk on AM 10-20	W	0725	12/2	Rha
1020		Caribbean Christian Radio, Grand Turk ; just "Super Power 1020" and then gone	Fpk	0358	11/2	ss
1020	YVMX	R Continente Calendario, Maracaibo; SS jingle ID, spoken ID "Transmite, desde Caracas ... Radio Continente 590 AM ... para toda Venezuela" etc	F	0801	2/2	mah
1030	WBZ	Boston MA (presumed); news reports and ads (in and out of the noise)	W	2332	6/2	JW
1030	WBZ	Boston MA; hockey discussion // webcast	F	0001	7/2	PC
1050	WEPN	New York NY; plenty of sports talk	W	2320	6/2	JW
1050	WEPN	New York NY; ESPN Radio - sports tlk from the ESPN sports center New York basketball NBA & ice hockey	F	0716	12/2	Rha
1050	WEPN	New York NY; ESPN sports talk	F/G	0128	17/2	BD
1050	WEPN	New York NY; "1050 ESPN Radio is the Talk of New York	F	0819	17/2	PC
1060	WLNO	New Orleans LA ; religious preaching // webcast	F/G	2344	5/2	PC
1060	WLNO	New Orleans LA ; ID "We're New Orleans most powerful Christian radio station 10-60 AM WLNO"; tnx PC for the tip – personal first ; also Fpks 2330 10/2	Gpks	2328	6/2	mah
1060	WLNO	New Orleans LA (presumed); intense black gospelling over WBIX	G	2338	11/2	JF
1060	WBIX	Natick MA; Office Depot ad, PSA, ID "... from WBIX AM 10-60"	Gpks	0006	7/2	mah
1060	WBIX	Natick MA; "Locally owned and operated.....this is AM 10-60 WBIX, the Business Station" (Also heard 0100 17/02 with Harvard ice hockey commentary)	F	0030	8/2	PC
1060	WBIX	Natick MA; Auto World programme with Bob Long as per website	F	2349	11/2	JF
1060	WBIX	Natick MA; "WBIX 10-60" heard in between short music clips after TOH news; lots of splatter	W	0007	13/2	AB
1060	WBIX	Natick MA; pre-game phone in, "WBIX Natick Boston" ID & basket ball game commentary	W/F	2350	16/2	BD
1060	XEEP	Radio Educación, DF; mixing with WBIX. Web programme schedule has a helpful playlist, and this revealed 'Déjate Querer', heard at 1832, then the end of the 'Pulso de la Noche' programme with a news report on Iraq (thanks Henrik for correcting me on this), followed by the start of the 'Mi Otro Yo' programme at 0230	Fpks	0230	13/2	AB
1070	CBA	Moncton, NB; BBC World Service // 1400 kHz	F	0757	28/1	PC
1070	CBA	Moncton NB; CBC o/n with BBC W/S	F	0749	1/2	BD
1070	CBA	Moncton NB; Sunday showcase, then into news "This is CBC News"	F	2259	4/2	JW
1070	CBA	Moncton NB; BBC WS reports	W/Fpks	0719	12/2	Rha
1070	CBA	Moncton NB; local ID "This is CBC Radio 1 on 10-70 Moncton" never heard this ID before	Good	0005	17/2	SW

kHz	Callsign	Station, location; details heard etc	SIO	UTC	Date	Who
1071		IRIB R Ma'aref, Qom, Iran; own px, Quran, 0130 TS + "R Ma'aref", difficult with EGY and SYR also here	W	0117	16/2	ss
1071		Al-Nur, location Lebanon?; AA talks, interview, music	333	1903	11/2	MvA
1071		Syrian R, Tartus; AA, 24h sked // 747, 783 kHz; never heard that one here, under EGY	W	0110	16/2	ss
1080		IRIB Mashar, Iran; AA FS // SW	Exc	1652	11/2	ss
1080	WTIC	Hartford CT; OM referred to "Newstalk 10-80 WTIC.com"	W	0758	28/1	AB
1080	WTIC	Hartford CT; C2C talk show	W	0750	1/2	BD
1080	WTIC	Hartford CT; "WTIC News talk 10-80" above EU	F	2312	12/2	PC
1100	WTAM	Cleveland OH (pres); Coast to Coast	F	0949	28/1	PC
1100	WTAM	Cleveland OH; "Fox News on WTAM 1100"	F	0830	10/2	mah
1100	WTAM	Cleveland OH; ads "Fox News radio" and ID by OM "WTAM Eleven hundred traffic and weather together ..."	W	0502	13/2	JW
1110	WBT	Charlotte NC (pres); Coast to Coast	W	0820	3/2	PC
1110	WBT	Charlotte NC; "News Talk 11-10 WBT Charlotte"	W/F	0829	10/2	mah
1110	WBT	Charlotte NC (pres) ; CBS News	W	0703	20/2	Rha
1116		IRIB 1, Bandar Lengeh, Iran; music program	222	2123	11/2	FW
1120	KMOX	St Louis MO; "The Voice of St Louis, KMOX" "It's 1 o'clock in Mid America"	W/F	0659	12/2	PC
1120	KMOX	St Louis MO; talk show C2C format	W	0731	12/2	Rha
1120	KMOX	St Louis MO; only a brief audio burst, containing an OM giving the telephone numbers 436-7900 and 1-08 925 1120. These are the KMOX 'talk show comments / contests' lines, although the 1-08 must be a local version of 1-800	W	0829	13/2	AB
1130	KWKH	Shreveport LA; country mx hrd with Gpks from 0950, dominant, and mixing with at least 3 others – sounded like a graveyard channel at times; finally caught an ID at 1023 "Here comes another - the Home of the Legends – KWKH"; WBBR down in strength and number 3 on the channel	Gpks	1004	29/1	mah
1130	KFAN	Minneapolis MN; Fpks around 1000; at 1041 "AM 11-30 KFAN – The Fan", dominant after 1025; G ID at 1122; also G 0840 12/2, Gpks 1040 13/2	Gpks	1041	29/1	mah
1130	KFAN	Minneapolis MN (pres); under WBBR most of the time. Just a single 'ESPN' ID heard	W	0825	12/2	PC
1130	WBBR	New York NY; Bloomberg traffic and weather	W	0805	28/1	PC
1130	WBBR	New York City NY; "Bloomberg traffic and weather on the fives" and "This is Bloomberg 11-30" afterwards	G	0815	28/1	AB
1130	WBBR	New York NY; business news with mx station across toh	W	0759	31/1	BD
1130	WBBR	New York NY; talk, adv	232	0711	1/2	MvA
1130	WBBR	Bloomberg NY; business talk on AM-1130	W/F	0750	10/2	Rha
1130	WBBR	New York NY (presumed); finance talk	w	2252	12/2	JW
1130	WISN	Milwaukee WI; difficult "News Talk 11-30 WISN" heard in the mix	Wpk	1000	29/1	mah
1130	CKWX	Vancouver BC; "news1130.com", IDs, reports etc "News 11-30 Gpks time 11.36"; also W/F 0944 12/2	Gpks	0736	11/2	mah
1130	ZYJ460	R Nacional, Rio de Janeiro; PP talk then "Rádio Nacional" ID	W/F	2301	29/1	PC
1130	YVRL	R Ideal, Caracas; SS anns, TC, ID	W/F	0859	30/1	mah
1140	KSLD	Soldotna AK; rock & classic rock ID "KSLD 11-40" at 0800	W/F	0743	10/2	Rha
1140	CBI	Sydney NS; CBC Radio News followed by BBC WS	W	0700	28/1	AB
1140	CBI	Sydney NS; CBC News	W/F	0803	31/1	BD

kHz	Callsign	Station, location; details heard etc	SIO	UTC	Date	Who
1140	CBI	Sydney NS; Deutsche Welle broadcast // 1070 kHz	F	0821	3/2	PC
1140	CBI	Sydney NS; CBC programme // 1070 kHz	W	2318	8/2	JW
1140	CBI	Sydney NS; CBC Radio One talk & standards	W	0740	10/2	Rha
1150	WHBY	Kimberly WI; ads, ID "11-50 WHBY"; also W/F 1119 29/1	G	0906	11/2	mah
1150	WHBY	Kimberly WI; "News, talk, 11-50 WHBY"	W/F	0430	12/2	PC
1150	WHBY	Kimberly WI; ads & C2C tlk show with Dan Oncraft	W/Fpks	0707	12/2	Rha
1150	CHGM	Gaspé QC; "CHNC et CHGM" ID with pop music // 610 kHz	W	0000	13/2	JF
1150	CJRC	Gatineau QC; FF talk; at toh "ici CJRC onze-cinquante"	F	0700	6/2	AB
1150	CJRC	Gatineau QC; FF YL/OM talk // webcast	W	2354	12/2	PC
1150	CJRC	Gatineau QC; French ID at top of hour, obscured slightly in the splatter but two clear mentions of Gatineau	W	0000	13/2	JF
1152		R Farhang, Iran; Farsi own px, Quran, YL px and ID at 0229h and IRIB IS	F/Gpks	0201	17/2	ss
1160	WYLL	Chicago IL (pres); religious talk & toth ID; weak in mix with Swindon, UK 1161	P/Wpks	0619	12/2	Rha
1160	WYLL	Chicago IL; full ID "You're listening to Chicago's Christian Talk AM 11-60 WYLL Chicago, a service of Salem Communications"; also Fpks 0728 11/2, Fpks 0700 13/2	F	0700	12/2	mah
1160	WABY	Mechanicville NY; toth ID "This is Moon Radio with the songs you love and remember WABY Mechanicville and WUAM Saratoga Springs"; also Wpks 0916 7/2, W 0721 11/2	Fpks	0900	9/2	mah
1160	KSL	Salt Lake City UT; several "KSL News Radio" IDs	W	1132	29/1	mah
1160	WODY	Martinsville VA (tentative); ID as "ESPN Radio AM 11-60 ??ville"; Google search on "ESPN Radio AM 11-60" brings up this one	Fpks	0840	7/2	mah
1170	WWVA	Wheeling WV; Truckin' Radio Network as per schedule	F	0840	28/1	PC
1170	WWVA	Wheeling WV; "News Radio 11-70 WWVA – where news comes first"	G	0905	7/2	mah
1170		R Sawa, Djibouti; AA very quickly read nx, ID	G	1646	11/2	ss
1180	WHAM	Rochester NY; WHAM ID following Coast to Coast	W	0959	28/1	PC
1180	WHAM	Rochester NY; C2C talk show // 870 kHz	W/F	0756	6/2	BD
1180	WHAM	Rochester NY; promo for a show on "Saturday mornings, 7 to 10 on 11-80 WHAM"	W	0436	10/2	AB
1180	CM--	R Rebelde, 2 sites listed; cuckoo ID, mentions of Cuba in news	W	0700	30/1	PC
1180	CM--	Radio Rebelde, 2 sites listed; bright Cuban mx // 5025 kHz	F	0755	30/1	BD
1180	CM--	Radio Rebelde, 2 sites listed; SS music // 5025 kHz	F	0753	4/2	AB
1190	WLIB	New York NY; gospel singing. ID at 0100 "11-90 WLIB, your praise and information station"	W/F	2305	4/2	PC
1190	WLIB	New York NY; "11-90 WLIB"	G	0858	10/2	mah
1190	WLIB	New York NY; YL with "Your Praise and inspiration station, 11-90 WLIB"	G	0556	12/2	AB
1190	HJCT	La Voz de La Costa, Barranquilla ; SS ID "Desde Barranquilla, ... La Voz de La Costa HJCT 1,190 kHz banda de Amplitud Modulada, ... watios de potencia, la Voz de la Costa, La Voz de ..."; personal first , last reported in the UK at Sheigra in 1993	Fpks	0905	1/2	mah
1190	HJCV	R Cordillera, SF de Bogotá ; YL TC "... 23 minutos", OM ID "Desde Bogotá, esta es Radio Cordillera, HJCV 11-90 AM Todelar ... una radio"; personal first , last reported in the UK in Sheigra in 1990	Fpks	0924	1/2	mah

kHz	Callsign	Station, location; details heard etc	SIO	UTC	Date	Who
1200	WCHB	Taylor MI; soulful gospel mx & "News talk 12 hundred WCHB" ID; dominant (cheating with 50kW?)	F	??	??	BD
1200	WCHB	Taylor MI; "Detroit's Talk-In, Newstalk 12 hundred WCHB, the People Station"	F	0821	10/2	PC
1200	WOAI	San Antonio TX; C2C after WOAI-news in mixed with CFGO	W/Fpks	0735	12/2	Rha
1200	CFGO	Ottawa ON; Fox Sports News and ad for recruitment agency ottawa.jobshark.ca	G	0802	28/1	AB
1200	CFGO	Ottawa ON; Fox Sports // webcast	W	0817	4/2	PC
1200	CFGO	Ottawa ON; sports talk & events on AM 1200	W/F	0737	12/2	Rha
1200	CFGO	Ottawa ON; Fox sports.	P	0044	13/2	JWe
1200	CFGO	Ottawa ON; Fox sports talk	W/F	0750	16/2	BD
1200	CFGO	Ottawa ON; plenty of sports talk	W	2309	12/9	JW
1200	UNID	pop music programme – no ID hrd	W/F	0723	10/2	Rha
1206		IBA Akko, Israel; AA px // 5915 kHz	G	1650	10/2	ss
1210	VOAR	Mount Pearl NL; "VOAR" ID heard in splash - //webcast	W	2348	5/2	PC
1220	WHKW	Cleveland OH; "Northern Ohio's Christian talk station, AM 12-20 The Word"	W/F	1002	11/2	mah
1220	WHKW	Cleveland OH (pres); religious talk in splatter	W	0635	12/2	Rha
1220	ZYJ458	Rádio Globo, Rio de Janeiro; "Rádio Globo" sung ID. A fair signal, but flattened by 1215 kHz; // webcast	W/F	2317	29/1	PC
1224		Galei Zahal, Beersheba, Israel; // 1287 kHz	G	0120	15/2	ss
1242		AIR Varanasi, India; EE nx, ad, "Akashvani", Hindi nx	Gpks	1543	14/2	ss
1250	WEAE	Pittsburgh PA; sports talk & "ESPN 12-50" ID tag	W	0820	6/2	BD
1250	WEAE	Pittsburgh PA; promo "only on Pittsburgh's ESPN Radio 1250"	F	0920	7/2	mah
1250	WEAE	Pittsburgh PA (pres); "ESPN Radio" ID under CHSM	W	0758	12/2	PC
1250	WSSM	Milwaukee WI (pres); "The Fox National Sports Report" starts right now (this was above the ESPN station)	F	0800	12/2	PC
1250	WSSP	Milwaukee WI; ads, ID "Sports Radio 12-50 WSSP"	Wpk	1025	12/2	mah
1250	WSSP	Milwaukee WI; buried under CJYE. "Milwaukee" heard. WSSP call revealed seconds later.	W	0403	13/2	JF
1250	CHSM	Steinbach MB; classical piano mx – Bach, // 950 kHz	W/F	0916	29/1	mah
1250	CHSM	Steinbach MB; weather forecast with bitterly cold temperatures – High of -22 and low of -32 "You're listening to South Eastern Manitoba's Classical Choice – AM 12-50 (?)"	F	0755	12/2	PC
1250	CJYE	Oakville ON; preaching about borrowing // webcast	W/F	0020	7/2	PC
1250	HJCA	Capital R, SF de Bogotá; SS ID " ... Capital Radio, 1,250 AM, la emisora ..."	F	0834	4/2	mah
1251		IRIB 1, Sari, Iran; music program	121	2316	12/2	FW
1251		IRIB Sari, Iran; Farsi // 1467 kHz	W	0049	16/2	ss
1251		LJB Tripoli, Libya; news and music	333	0200	14/2	FW
1251	UNID	OM- Arabic-related speech (?Farsi), song	333	1626	12/2	NH
1260		BSKSA Damman, Saudi Arabia; AA on 24h sked // 1521 kHz, never heard on that channel before	Gpks	0044	16/2	ss
1270	CJCB	Sydney NL; Avril Lavigne // webcast	W	0831	4/2	PC
1278		IRIB Kermanshahr, Iran; Farsi // 1305, 1467 kHz	W/Fpks	1642	11/2	ss
1280	WFAU	Gardiner ME; trailer for Fox Sports Radio 12-80 and 14-50	W	0822	3/2	PC
1280	WFAU	Gardiner ME; "Settle your debts" ad then ID "Fox Sports Game(?) 97 5, 12-80 & 14-50"	G	2346	10/2	JF
1280	VSF	Hamilton, Bermuda (pres); tentative religious talk	W	0645	12/2	Rha

kHz	Callsign	Station, location; details heard etc	SIO	UTC	Date	Who
1287		Galei Zahal, Israel; Hebrew phone-in // 6972 kHz	G	1638	10/2	ss
1290	WJNO	West Palm Beach FL; "News Radio 12-90 WJNO" heard in a very weak peak	vW	0833	8/2	AB
1290	WIRL	Peoria IL; "Here on Classic Country ... WIRL"	Gpks	0702	12/2	ss
1290	WKBK	Keene NH; "You're listening to 12-90 WKBK Keene"	Fpk	0045	7/2	mah
1290	CFRW	Winnipeg MB; "You're listening to CFRW – a Chum radio station", oldies; also Gpks 0909 29/1	F/G	0800	12/2	mah
1290	CJBK	London ON; toh ID "Newstalk 12-90 CJBK" followed by the dreaded C2C	G	0700	4/2	AB
1290	XEDA	Radio Trece, DF; OM and YL with station ID, including Radio W Trece mentioned twice, 12-90 and "Mexicana". Other words difficult to understand; UK FIRST		0429	12/2	AB
1290	YVLF	Radio Puerto Cabello; disco romantico & "Radio Puerto Cabello" ID	W	0601	3/2	BD
1290	YVLF	Radio Puerto Cabello; lengthy talk	F	0625	11/2	JWe
1296		Sudan RTV Corp, Omdurman; "Idha'at Gumhuriyah Sudan" and "Huna Omdurmaniyah", Quran, nx,TC-0259	G	0253	17/2	ss
1300	WOOD	Grand Rapids MI; Coast to Coast "News Radio 13 hundred WOOD" ID at 0806	W/F	0755	11/2	PC
1300	WOOD	Grand Rapids MI; ID noted in the mix "News Radio 1300 WOOD"; also F/G 0905 29/1, Fpks 0000 11/2, G 0905 11/2	Fpks	0933	13/2	mah
1300	WXRL	Lancaster NY; country music, YL anns "The Ramblin' Lou Show ... 4 hours daily, Monday through Friday starting at 1 PM until 5 PM join western New York's number 1 country music personality, Ramblin' Lou ... country ... 9 AM until 1 PM ... , AM 1300 ..., the best music in the country"; no ID, but agrees with schedule on the website, which tells us that "Ramblin' Lou (is) Western New York's #1 Country Music Personality! (And is) President and General Manager of WXRL Radio"; on top of the mix only occasionally - have been chasing this one for a while! personal first	Wpks	0812	12/2	mah
1300	WXRL	Lancaster NY; country mx, anns/promos "... on your dial on AM 1300 WXRL the best music in the country"; occasional peaks over dominant WERE and ESPN	Fpks	0918	13/2	mah
1300	WERE	Cleveland OH (pres); USA Radio Network Sport and Newswrap USA (as per schedule)	F	0748	6/2	PC
1300	WERE	Cleveland OH; "Points of View", toth ID "You're listening to The People's Station, News Talk 1300 WERE AM Cleveland, a Radio One station"; also W/F 0700 11/2, 0800 13/2	Gpks	1000	8/2	mah
1300	UNID	newstalk px WOOD ? I didn't catch an ID	W	0750	12/2	Rha
1305		IRIB Bushehr, Iran; // 1467 kHz	F	1638	11/2	ss
1310	WLOB	Portland ME; "News Talk WLOB"; also W 0135 7/2	F	2253	10/2	mah
1310	WLOB	Portland ME; weak "WLOB" ID heard, then Fox News	W	0400	11/2	PC
1310	WLOB	Portland ME; "Newstalk WLOB 13-10 & 96.3" followed by Fox News	W	0700	12/2	Rha
1310	CHLW	St Paul-Bonnyville AB; country mx, ID "... on 13-10 CHLW"	Fpks	0745	11/2	mah
1310	CIWW	Ottawa ON; "Oldies 13-10"; xd/under WLOB	W	0815	9/2	mah
1314		IRIB Ardabil, Iran; Farsi // 1467 kHz	W	0035	16/2	ss
1320	CHMB	Vancouver BC; tuned in to catch end of EE ID "CHMB AM 13-20", then Asian language; under CKEC	F	1002	12/2	mah

kHz	Callsign	Station, location; details heard etc	SIO	UTC	Date	Who
1320	CKEC	New Glasgow NS; local ads for New Glasgow then ice hockey commentary	F/G	2322	27/1	PC
1320.01	CKEC	New Glasgow NS; pop mx show	W/F	0046	3/2	BD
1320	CKEC	New Glasgow NS; YL with "CKEC weather for tonight" following news	F	0205	3/2	AB
1320	CKEC	New Glasgow NS; "13-20 CKEC New Glasgow" and BN	G	2100	11/2	mah
1320	CKEC	New Glasgow NS; old standards music (confirmed with station's website)	F	2300	11/2	JW
1320	CJMR	Mississauga ON; Arabic programme? Phone number 416 509 7370 given out – refers to arab2000.net	F	0024	13/2	JF
1320	CJMR	Mississauga ON; Indian talk with EE phone numbers will above CKEC	F	2310	19/2	PC
1320	UNID	FF talk (CJMR?)	W	0009	13/2	PC
1323		BBC WS Cyprus; ID, frequency, news	222	0200	10/2	FW
1330	WRCA	Waltham MA; "This is 13-30 WRCA, Waltham, Boston"	W	0801	1/2	PC
1330	WRCA	Waltham MA; toh "The preceding programme has been a public affairs presentation on 13-30 WRCA"	F	0800	6/2	AB
1330	WRCA	Waltham MA; ID at toh "This is 13-30 WRCA Waltham"	W	0700	12/2	JF
1330	WRCA	Waltham MA; legal ID & liability disclaimer (very rare for me)	Poor	0700	15/2	SW
1330	WLOL	Minneapolis MN; "Talk radio for Catholic life, this is Relevant Radio"	Gpk	1019	13/2	mah
1330	WFNN	Erie PA; oldies format (e.g. Beatles, The Drifters, Simon and Garfunkel) and "AM 13-30 WFNN Erie" ID at toh and between advertisements	W	0800	6/2	AB
1330	WFNN	Erie PA; "WFNN ... the all-new True Oldies channel"	F	0640	10/2	PC
1330	WFNN	Erie PA (presumed); back-to-back oldies. Possible jingle ID.	W	0619	12/2	JF
1330	WFNN	Erie PA; "True Oldies Channel" network IDs. Oldies!	W	0006	13/2	JF
		Personal First!				
1330	UNID	Star-spangled banner. Close down or sporting event?	W	0000	10/2	PC
1332		IRIB Tehran, Iran; Farsi tlk, // 1503 kHz etc.	F	1545	10/2	ss
1350	WOYK	York PA "We are York's First Radio Station ...ESPN 13-50 WOYK" Trailer for (Baltimore) Orioles broadcasts	W/F	0316	6/2	PC
1359		CNR1 various sites; // 4800 kHz	Fpks	1501	13/2	ss
1360	WKAT	North Miami FL; "Radio Kalbas ... treize soixante AM" ID in Creole language	F	0301	5/2	JF
1370	WDEA	Ellsworth ME; jingle ID; "Timeless classics, on Hancock County's original radio station, AM 13-70 WDEA"	F/G	2252	10/2	mah
1370	WDEA	Ellsworth ME; "13-70 WDEA" ID	W/F	0230	13/2	PC
1380	CKLC	Kingston ON; "13-80 CKLC ... Kingston's 5 day weather forecast" -19C!!	W	0101	29/1	PC
1380	CKLC	Kingston ON; "Now your Kingston weather forecast from 13-80 CKLC"; also Fpks 2300 10/2	Fpks	2203	12/2	mah
1380	YVNG	Ondas del Mar, Puerto Cabello; "...transmite Ondas del Mar, YVNG 13-80" ID just after toh – not sure if this was the station with SS religious programme heard beforehand	W	0101	3/2	PC
1390	WEGP	Presque Isle ME; "The new 13-90 AM WEGP"	F	0759	4/2	PC
1390	WEGP	Presque Isle ME; (pres) with Maine adverts & phone in talk show hosted by "Bill" heard because Big L was silent; no toh ID because Big L returned at 2359:30	Good	2355	23/2	SW

kHz	Callsign	Station, location; details heard etc	SIO	UTC	Date	Who
1390	WFBL	Syracuse NY; WFBL 5-day weather; then Joey Reynolds Radio W Show	W	0805	7/2	PC
1400	CBG	Gander NL; CBC News	F	0803	9/2	PC
1400	CBG	Gander NL; CBC o/n talk	W	0812	16/2	BD
1400		Harbour Light, Grenada (pres) choir signing dominant over CBC; heard whilst Big L was off air; no toh ID because Big L returned at 2359:30	Fair	2355	23/2	SW
1400	UNID	ESPN under CBG	W	0743	16/2	PC
1410	WPOP	Hartford CT; ESPN radio. V weak 'WPOP' id at 0400	F	0301	3/2	PC
1410	WPOP	Hartford CT; "ESPN Radio 14-10" ID. Sports.	F	0331	12/2	JF
1413		BBC Oman, Hindi // 11955	F	1457	13/2	ss
1420	WDJA	Delray Beach FL; Partial ID heard at toth "14-20 WDJA Delray BeachProfessional Broadcasting"	W	0500	3/2	PC
1420	WDJA	Delray Beach FL; brief ID heard in Eurosplatter "14-20 WDJA" by woman's voice. Personal First!	W	0700	13/2	JF
1420	WOC	Davenport IA; public service broadcast about drunk driving in Iowa "brought to you by the Iowa Government's Traffic Safety Bureau"	F	0832	12/2	PC
1420	KTOE	Mankato MN; "14-20 KTOE" ID heard	W/F	0834	12/2	PC
1420	KTOE	Mankato MN; "AM 14-20 KTOE"; tnx PC for the tip	vW	1034	12/2	mah
1420	WHK	Cleveland OH; "on Newstalk 14-20 WHK". Two IDs heard after the top of the hour. Rolling news. Several further "14-20 WHK" IDs heard over the next few minutes	W	0701	4/2	JF
1420	WHK	Cleveland OH; Michael Medved Show, ID "News Talk 14-20 WHK"	Fpks	0930	13/2	mah
1420	CKDY	Digby NS; "Today's best country, AVR" ID	F	0342	5/2	JF
1420	CKDY	Digby NS; endless easy listening music and two 'AVR' IDs	F pks	0730	7/2	AB
1420	UNID	Coast to Coast. At handover to local stations at 0830 I could hear three different stations!	F	0819	11/2	PC
1430	WENE	Endicott NY; "Sports Radio The Team" ID	W	0459	28/1	AB
1430	WENE	Endicott NY; "WENE, Endicott" ID at toth	W/F	1000	28/1	PC
1430	CHKT	Toronto, ON; Inter-programme disclaimer "can be heard every Friday from 10pm. The following are programmes for the international community here in Toronto. Opinions and views expressed here do not necessarily ..."	F	0500	28/1	AB
1430	CHKT	Toronto ON; Indian music & talk // webcast briefly over WENE	W	0753	10/2	PC
1430	YVTP	R Bahía, Puerto La Cruz; SS ID "En Bahía las 2, 27 minutos"	W/F	0627	2/2	mah
1431		Radio Sawa, Arta; Arabic Music und Announcement (YL)	333	0210	19/2	FW
1440	WHKZ	Warren OH; after a long internet search I traced the program I had heard – "Dr Kennedy" talking about "Singles" to this station. This matches WHKZ's schedule and on the 'Truths That Transform' site I was able to replay the broadcast. WHKZ simulcasts 1220 WHKW.	W	0815	13/2	PC
1449	UNID	OM - Arabic-related speech (?Farsi)	433	1538	14/2	NH
1450	WENJ	Atlantic City NJ; "the new 1450espn.com" repeated, after ads. This is WENJ's site. ESPN programming besides	F	0518	16/2	AB
1460	WDDY	Albany NY; Radio Disney // 1560 kHz	W	0936	28/1	PC
1460	CJOY	Guelph ON; 'With a little Luck' by Wings followed by 'CJOY' G jingle. Also on 7/2 with "14-60 CJOY, The Royal City, ??"	G	0655	4/2	AB

kHz	Call sign	Station, location; details heard etc	SIO	UTC	Date	Who
1467		AIR Jeypore, India; Hindi nx under IRIB	W	0037	16/2	ss
1467		IRIB Qom, Iran; Farsi talks	232	1530	4/2	MvA
1467		Trans World Radio, Bishkek, Kyrgyzstan; IS Russ px	343	1630	4/2	MvA
1467		TWR Bishkek, Kyrgyzstan; VV rel px, 1440 IS, Iran QRM	F/Gpks	1435	10/2	ss
1470	WWNN	Pompano Beach FL; ID heard in brief peak over WLAM	W	0600	29/1	JF
1470	WLAM	Lewiston ME; ESPN programming and ad urging the listener to F "stop by Little Dan's Barbecue, Main Street, Lewiston"		0220	28/1	AB
1470	WLAM	Lewiston ME; ESPN Radio	343	0653	1/2	MvA
1470	WLAM	Lewiston ME; ESPN sports talk	F/G	0655	1/2	BD
1470	WLAM	Lewiston ME; sports news "ESPN Radio"	W	0700	4/2	JW
1470	WLAM	Lewiston ME; ESPN sport	G	0735	9/2	JWe
1470	WJDY	Salisbury MD ; extended weather forecast with several mentions of Salisbury along with neighbouring towns of Ocean City, Georgetown, Dover and Easton. The only station audible on the frequency. Power should have been reduced from 5 kW to 0.043 kW at 2245 so I suspect this was not done.	W	2320	14/2	PC
1470	CJVB	Vancouver BC (presumed); noted their three time pips at the top of the hour, buried in the mix. (OK, three pips is a feeble excuse for an ID but is probably the nearest I'll ever get to catching my first definite west coast DX from home)	vW	0700	28/1	JF
1470	XEAI	Radio Fórmula, México City, DF; 'Fórmula de la Noche' programme name heard several times	Fpks	0740	10/2	AB
1470	CX147	R Cristal del Uruguay, Las Piedras. Dominant on channel with lively music.	W	0611	28/1	JF
1470	YVSY	R Vibración, Carúpano; "en Vibración son las 10 y 33 minutos"	W	0233	1/2	PC
1475.3		RTM Kota Kinabalu, Malaysia (pres); VV song and off without final anns	W	1526	11/2	ss
1476		IRIB Sarandaj, Iran; Farsi, IS Inja Tehran // 1467 kHz	W/Fpk	1529	11/2	ss
1476		R Thailand, Lamphung; VV tribal mx, 1557 NA	W	1535	11/2	ss
1476	UNID	China, with tlk, songs, ads and off 1600	W/Fpks	1538	11/2	ss
1480	WSAR	Fall River MA; weak ID at 0400. At 0303 weather from from the Saint Anne's Credit Union Weather Center (HQ of the company is Fall River)	W/F	0303	28/1	PC
1480	WGVU	Kentwood MI; BBC World Service	W	0806	10/2	PC
1480	WHBC	Canton OH; "Station identification on the Ohio State Basketball Radio Network(then) News, weather, sports and oldies you love all in one place 14-80 WHBC Canton"	F	0401	28/1	PC
1480	WMDD	Fajardo PR; SS music, "Tropical 14-80" ID; (0759 17/02 "Esta es WMDD, Fajardo, Puerto Rico")	W/F	0113	4/2	PC
1490	WBAE	Portland ME; "14-90 WBAE Portland" ID at toth	W	0500	16/2	PC
1494		R Jordan, Al Karanah; long AA newscast, YL ID at 2229	G	2218	12/2	ss
1500	WFIF	Milford CT (presumed); "Grace to You" anns, but any IDs lost in the mix; matches sked	Fpks	2226	11/2	mah
1500	WTWP	Washington DC; "Washington Post Radio 1500 AM, 107.7FM"	W	0506	28/1	AB
1500	WTWP	Washington DC; Washington Post Radio	F	0919	28/1	PC
1500	WTWP	Washington DC; "Washington Post Radio"	232	0703	1/2	MvA
1500	WTWP	Washington DC; Washington Post Radio AM, FM & Internet ID & AP Radio News	W	0100	3/2	BD
1500	WTWP	Washington DC; "The National weather centre has issued a weather warning for the Washington Metropolitan area...."	F	2303	4/2	JW

kHz	Callsign	Station, location; details heard etc	SIO	UTC	Date	Who
1500	WTWP	Washington DC; Washington Post Radio talk	W/Fpks	0639	12/2	Rha
1500	WLQV	Detroit MI; John McArthur talking about "Portraits of Grace" which matches station programming then YL with Australian or S African accent talking about Faithfulness	F	0824	28/1	PC
1500	WLQV	Detroit MI (presumed); light Christian songs, occasional anns; xf WTWP + another talker	Gpks	0742	11/2	mah
1500	KSTP	St Paul MN; "AM 1500 KSTP"	W	1034	13/2	mah
1510	KCKK	Littleton CO (presumed); country mx, on top for a while, with jingle sounding like "... perfect - the heartbeat"; still there at 1107; tnx BD for the suggestion, ex 1600	W/F	1025	29/1	mah
1510	WWZN	Boston MA; "15-10 The Zone"	F	0005	28/1	PC
1510	WWZN	Boston MA; "Boston's Sports Station 15-10 The Zone"	G	0824	28/1	AB
1510	WWZN	Boston MA; sports	232	2212	4/2	MvA
1510	WWZN	Boston MA; Sporting News Radio ID phone # 800 777 2907	F	2308	4/2	JW
1510.021	WWZN	Boston MA; god spot promo & sports talk	W/F	0814	8/2	BD
1510	WLAC	Nashville TN; mixing with WWZN with talk but came up on top for ID by OM "15-10 WLAC" then into ads	W	2311	4/2	JW
1510	WLAC	Nashville TN; Sports commentary mixing with WWZN. "... Basketball on News Radio 15-10 WLAC"	F	2320	12/2	AB
1520	WIZZ	Greenfield MA; jingle ID, anns "From WIZZ here's the weather forecast for Franklin County"; xf WWKB	Fpks	2203	10/2	mah
1520	WWKB	Buffalo NY; "The voice of the new majority – AM 15-20"	F	2326	27/1	PC
1520	WWKB	Buffalo NY; still talking	F	0810	1/2	BD
1520	WWKB	Buffalo NY;	232	0746	3/2	MvA
1520	WWKB	Buffalo NY; seemingly new slogan "The Voice of the New Majority AM 15-20" heard twice in an hour	G	0807	3/2	AB
1520	WWKB	Buffalo NY; ads ID "AM 15-20" then into talk show	W	2246	5/2	JW
1520	WWKB	Buffalo NY; Ed Schultz Show, ID "CNN Radio is on Buffalo's AM 15-20"	Gpks	2156	10/2	mah
1520	KOKC	Oklahoma City OK; no ID, but the only station on the channel carrying the "Midnight Trucking Radio Network"; dominant	Fpks	1031	29/1	mah
1520	WVOZ	San Juan PR; SS ID "Radio Voz" & spots	W/Fpks	0713	20/2	Rha
1521		CRI Urumqi, China; Russian px	343	1433	3/2	MvA
1521		CRI Urumqi, China; Int Sig + ID in Chinese & Russian	Good	1800	20/2	SW
1521		BSKSA, Duba, Saudi Arabia (tentative); Arabian OMs - dramatic dialogue	544	1555	14/2	NH
1521		General Arabic Programme, Duba, Saudi Arabia; music	444	2150	17/2	FW
1530	WCKY	Cincinnati OH (tent); US religious preacher above UK for a short time; also presumed W 0810 10/2	F	0836	28/1	PC
1530	WCKY	Cincinnati OH; brokered rls px at 0945, faded at toth, came up with Fox Sports Radio and ID at 1003 "15-30 Homer, the Sports Animal"; well over the Euros	F/G	1003	13/2	mah
1530		VOA São Tomé; Yankee Doodle, news	333	0300	18/2	FW
1539		IRIB Yazd, Iran; // 1467 kHz	F	1452	13/2	ss
1540	KXEL	Waterloo IA; truckers ads, "Midnight Trucking Radio Network"; 0751 promo "... on News Talk 15-40 KXEL"; xf presumed WDCD; also F 1030 29/1	Gpks	0749	11/2	mah
1540	KXEL	Waterloo IA (pres); Midnight Radio Network – on top briefly	F	0821	11/2	PC
1540	WDCD	Albany NY; Christian songs // webcast	F	0911	28/1	PC
1540	WDCD	Albany NY; religious studio talk	W/F	0124	3/2	BD

kHz	Callsign	Station, location; details heard etc	SIO	UTC	Date	Who
1540	WDCD	Albany NY (presumed); religious talk and Christian music	W	0100	9/2	JW
1540	WDCD	Albany NY; "15-40 WDCD"	P/F	2326	12/2	JWe
1540	CHIN	Toronto ON; Greek talk with mentions of Toronto	F	0323	08/2	PC
1540	CHIN	Toronto ON; legal ID at toh	Good	0000	20/2	SW
1540	ZNS1	Radio Bahamas, Nassau; Caribbean current affairs nx	F	2308	29/1	BD
1540	ZNS1	R Bahamas, Nassau; "1540 AM – This is the National BC Corp of the Bahamas", slow pop	G	0312	17/2	ss
1550	CBE	Windsor ON; CBC Overnight // webcast	F	0910	11/2	PC
1557		WYFR Kouhu, Taiwan; usual EE rel px	Exc	1610	11/2	ss
1560	WQEW	New York NY; Radio Disney	F/G	0859	28/1	PC
1560	WQEW	New York NY; talks, mx	222	0635	1/2	MvA
1560	WQEW	New York NY; Radio Disney pop show	F/G	0812	1/2	BD
1560	WQEW	New York NY; "AM 15-60 WQEW New York" spoken seemingly in a child's voice	W	0857	4/2	AB
1560	WQEW	New York NY; Disney pops	W	0747	7/2	JW
1566		AIR Nagpur, India; EE news	322	1657	4/2	MvA
1566		AIR Nagpur, India; Indian songs	F	1448	13/2	ss
1570	CFAV	Laval QC; Boomer ID with rock music	F	0925	28/1	PC
1570	CFAV	Laval QC; EE & FF oldies	W/F	0816	1/2	BD
1570	CFAV	Laval QC; FF/EE ballads and FF announcements	W	0458	5/2	JW
1570	CFAV	Laval QC; FF advertisements then OM "Vous écoutez CFAV Boomer"	G pks	0722	11/2	AB
1570	XERF	La Poderosa, Cd Acuña; SS tlk, mention of "La Poderosa" and into songs	F/G	1013	29/1	mah
1575		Radio Farda, Al-Dhabbiya, UAE; ID & frequency listing	Good	1709	14/2	SW
1580	CKDO	Oshawa ON; "Oshawa's Oldies" ID then the Supremes	F	0832	28/1	PC
1580	CKDO	Oshawa ON; "... Oshawa's Oldies, 107.7 FM and 15-80 AM", doing what the slogan advertises!	F	0626	4/2	AB
1580	CKDO	Oshawa ON; local ads, jingle ID "Oshawa's talkies – CKDO"	F/G	0947	13/2	mah
1590	WAKR	Akron OH; "From Akron's largest radio news source, the latest from 15-90 WAKR...News Authority"	W/F	0805	13/2	PC
1590	WARV	Warwick RI; weak "You're listening to the 15-90 AM WARV...Providence..." at toth	W	0800	17/2	PC
1600	KLEB	Golden Meadow LA ; music and ID "100.3 KLRZ Larose and 1600 AM KLEB Golden Meadow"	W	0743	17/2	AB
1600	WWRL	New York NY; "This is State of Belief on Air America Radio", ads, ID "Air America Radio 1600 WWRL New York's progressive talk"; best on USB – almost inaudible on LSB; also W/F 1046 12/2	F/Gpks	2315	11/2	mah
1600	WWRL	New York NY; Healthline programme dominating frequency from 0800. Disclaimer at end: "... the views and opinions expressed are of the program hosts and do not necessarily reflect those of WWRL, its staff or management"	F	0827	12/2	PC
1600	WLUZ	Bayamón PR; discos romanticos; OM with "WLUZ" ID	W	0300	3/2	BD
1610	CJWI	Montréal QC; peculiar FF YL talk then "CPAM-radiounion.com" web address at toh	G	0400	5/2	AB
1610	CJWI	Montréal QC; French program; 0659 DRM QRM	242/3	0646	8/2	MvA
1610	CJWI	Montréal QC; FF talk // webcast	W	2341	9/2	PC
1610		Caribbean Beacon, The Valley; US religious studio talk	W/F	0028	3/2	BD
1610		Caribbean Beacon, Anguilla; EE preaching mixing with CJWI	W	0728	17/2	PC

kHz	Callsign	Station, location; details heard etc	SIO	UTC	Date	Who
1610		Radio Guaviyú, Buenos Aires; usual chamame music and YL with ID "Gregorio de Laferrere ?? provincia de Buenos Aires, transmite Radio Guaviyú"	W	0417	5/2	AB
1620	WNRP	Gulf Breeze FL; at 0057 "Classic Country AM 16-20", anns, IDFpks at 0059"AM 16-20 WNRP Gulf Breeze Pensacola"; then I believe it was carrying local sports; xf WDHP		0059	7/2	mah
1620	KOZN	Omaha NE; TOH ID "You're tuned to 16-20 ???? The Zone, Omaha's ESPN Radio". Presumably the ???? was "KOZN" but it faded away	F	0700	13/2	AB
1620	WDHP	Frederiksted, USVI; BBC World Service news	W	0803	28/1	PC
1620	WDHP	Frederiksted USVI; BBC W/S current affairs // 648 khz	W	0720	29/1	BD
1620	WDHP	Frederiksted USVI; usual full toh WDHP legal ID including addresses, followed by BBC WS news	F	0300	3/2	AB
1620	WDHP	Frederiksted, USVI; EE radio play	252	0640	5/2	MvA
1630	WRDW	Augusta GA; ID John and Jeff Show	242	0649	3/1	MvA
1630	KCJJ	Iowa Falls IA; toh ID "You're listening to Newstalk on 16-30 KCJJ"	W	0300	28/1	AB
1630	KCJJ	Iowa City IA (pres) local realty advert with local phone numbers confirmed by Google web search	W	0042	25/2	SW
1630	KCJJ	Iowa City IA; "16-30 KCJJ" ID heard between pops	F	0720	13/2	JF
1630	KRND	Fox Farm WY; "La Grande" ID over Mexican-sounding mx	W	0740	11/2	AB
1640	WTNI	Biloxi MS; ESPN sports talk	W/F	0727	30/1	BD
1640	WTNI	Biloxi MS;"Talk Radio 16-40 WTNI"	G	2355	7/2	PC
1640	WTNI	Biloxi MS; toh legal ID "Gulf coast news, talk and sports news. Talk Radio 1640 WTNI Biloxi, Gulfport and ???borough"	W	0500	11/2	AB
1640	WTNI	Biloxi MS; "ESPN Radio, here's Brian Shackman"	G	0642	11/2	JWe
1640	WTNI	Biloxi MS; ID "ESPN Radio"	W	0601	18/2	JW
1640	WSKH	Sussex WI; Radio Disney pops // 1560 & 1680 kHz	W	0725	4/2	JF
1650	KWHN	Fort Smith AR; talks, pop mx	232	0632	3/1	MvA
1650	CJRS	Montreal PQ; NEW ; instrumental music and regular slow French spoken IDs at toh hour; 0100, 0200, 0300, 0400; first reported by Paul Crankshaw on 21 st Feb	Fr pks	0200	26/2	SW
1650	KWHN	Fort Smith AR; behind KCNZ, "Coast to Coast Radio KWHN"	W	0605	12/2	AB
1650	KCNZ	Cedar Fall IA; YL "...overnight broadcasting for tonight February 4 th on 16-50 The Fan KCNZ". Then ESPN. Later a "Special Weather Announcement on 16-50 The Fan – because of the bitterly cold temperatures (17 below tonight)" also 12/2	G	0500	5/2	AB
1650	WHKT	Portsmouth VA; Radio Disney pops	W	0728	30/1	BD
1650	WHKT	Portsmouth VA; "Radio Disney"	242	0642	3/2	MvA
1650	WHKT	Portsmouth VA; Radio Disney // 1560 kHz	W	0742	3/2	PC
1660	WCNZ	Marco Island FL; promo "... right here on Relevant Radio, 14-10 and 16-60 AM"	F	0459	28/1	AB
1660	WCNZ	Marco Island FL; several references to Relevant Radio	W/F	0820	28/1	PC
1660	WCNZ	Marco Island FL; "Relevant Radio" ID Vatican World Radio nx	F	0730	30/1	BD
1660	WCNZ	Marco Island FL; religious adverts, "Talk radio for Catholic Life. This is Relevant Radio"	G	0646	11/2	JWe
1660	WCNZ	Marco Island FL; ID "On South West Florida 's Relevant radio 16-60 and 14-10 AM. WMYR Fort Myers, WCNZ Marco Island Naples" News from the Vatican	G	0700	11/2	JW

kHz	Callsign	Station, location; details heard etc	SIO	UTC	Date	Who
1660	WQSN	Kalamazoo MI; ESPN programming and "Sports Radio AM 5-90" ID (a reference to sister station WKZO)	Fpks	0557	4/2	AB
1660	WQSN	Kalamazoo MI; ESPN programming and advert mentioning Kalamazoo; faded down for legal ID (of course); mix WCNZ	Fr pks	0658	24/2	SW
1660	WWRU	Jersey City NJ; OM /YL KK studio talk	W/F	0720	1/2	BD
1660	WWRU	Jersey City NJ; Korean px	242	2210	4/2	MvA
1660	WWRU	Jersey City NJ; Korean talk; full ID in EE 0400 14/2	W/F	0807	8/2	PC
1660	WFNA	Charlotte NC; ESPN Radio, ID "Charlotte's sports station 16-60 AM W-F-N-A"	F/G	0841	6/2	mah
1660	WFNA	Charlotte NC; ESPN Radio and ID	333	0618	8/2	MvA
1660	WFNA	Charlotte NC; OM with "16-60 AM WFNA" and "ESPN Radio" behind presumed WWRU in KK	Fpks	0705	8/2	AB
1660	WFNA	Charlotte NC; ESPN sport	W	0752	13/2	PC
1660	WGIT	Canóvanas PR; SS male ID	242	2301	3/2	MvA
1670	WVVM	Dry Branch GA; SS pop show	W	0732	2/2	BD
1670	WVVM	Dry Branch GA; "Viva 1670"SS px	343	0609	9/2	MvA
1670	WTDY	Madison WI; many references to "Madison 16-70 The Pulse", and offer of a trip to Bavaria for the Oktoberfest and visit to Oberammergau	G	0522	5/2	AB
1670	WTDY	Madison WI; talk on John and Jeff show	232	0650	13/2	MvA
1680	WLAA	Winter Garden FL; bright Mexican MX & "Buena" ID tag	F	0731	30/1	BD
1680	WLAA	Winter Garden FL; SS "La Que Buena"	243	0624	3/2	MvA
1680	WLAA	Winter Garden FL; SS ballads, "Que Buena" ID	W/F	0745	3/2	PC
1680	WDSS	Ada MI. Radio Disney pops // 1560 & 1640 kHz	F	0724	4/2	JF
1680	WTTM	Lindenwold NJ; "You're listening to 16-80 WTTM Lindenwold Philadelphia"	W	0558	7/2	AB
1690	WMLB	Avondale Estates GA; classical mx	W/F	0737	2/2	BD
1690	WMLB	Avondale Estates GA; classical mx, brief ID "This is AM 16-90, the Voice of the Arts" and more classical mx; xf	Fpks	0823	2/2	mah
1690	WMLB	Avondale Estates GA; "The Voice of the Arts"	322	232	4/2	MvA
1690	WVON	Berwyn IL; rlg talks, ID, talks on convention in Detroit	232	0645	4/2	MvA
1690	WPTX	Lexington Park MD; lengthy report on missing boy in Missouri, followed by "You're listening to Newstalk 16-90 WPTX Lexington Park"	Gpks	0630	31/1	AB
1690	WPTX	Lexington Park MD; CNN rolling nx	W	0725	1/2	BD
1690	WPTX	Lexington Park MD; talk px	322	0710	4/2	MvA
1690	WPTX	Lexington Park MD; Southern Maryland news update	F	2243	7/2	PC
1700	WEUP	Huntsville AL; advertisements for a tax accountant and some Donald Trump get-rich-quick scheme, then "WEUP – Gospel Music for all the people(?) of your life"	F	0424	28/1	AB
1700	WEUP	Huntsville AL; hot gospel show	W	0739	2/2	BD
1700	WEUP	Huntsville AL; "WEUV, The People's Station ___?___ with an attitude" ID. Gospel	F	0736	4/2	JF
1700	WEUV	Huntsville AL; gospel mx px	333	0542	2/2	MvA
1700	WJCC	Miami Springs FL; EE/SS ID	343	0658	30/1	MvA
1700	WJCC	Miami Springs FL; OM with ID "WJCC Seventeen hundred AM...programming then 800 number in EE (under KVNS)	W	0700	15/2	JW
1700	KBGG	Des Moines IA (tentative); YL "La Indomable" ID spoken very slowly during SS music	W	0346	28/1	AB
1700	KVNS	Brownsville TX; Mexican rock'n'roll, "La Preciosa"	F	0817	20/1	JWe

kHz	Callsign	Station, location; details heard etc	SIO	UTC	Date	Who
1700	KVNS	Brownsville TX; SS música romántica and 'La Preciosa' ID	F	0409	28/1	AB
1700	KVNS	Brownsville TX; nice Mexican mx	W/F	0734	30/1	BD
1700	KVNS	Brownsville TX; full legal ID in SS at toth	F/G	0200	8/2	PC
1700	KVNS	Brownsville TX; Mexican music and ID "La Preciosa"	G	0659	15/2	JW
1700	KKLF	Sherman TX; promo for "Coast to coast AM, weekends on 5-70 KLIF"	W	0407	28/1	AB

Many thanks to the following reporters:

- AB Andrew Brade, Holme-on-Spalding Moor, East 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.
- FW Friedhelm Wittlieb, Lünen, Germany. Satellit 700, Martens frame antenna.
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- JW John Williams, Hemel Hempstead. AOR 7030 and 40m long wire.
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- mah Martin Hall, Clashmore, Sutherland. NRD-545, RPA-1 preamp, beverages: 513m at 240°, unterminated; 506m at 290°, terminated; 588m at 315°, terminated; 550m at 340°, terminated.; TotalRecorder, Technics RS-BX404 cassette deck as backup.
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- SW Steve Whitt, high Catton near York; AOR7030+ and rebuilt dual loop Wellbrook K9AYs

Paul observes: "Conditions have been much improved over the past few weeks - particularly around the 10th of the month. Long may it continue". **Jack** adds: "It's been a few months since I had anything to report. That's partly a result of really poor conditions here at the end of last year, but also because I haven't had as much time to devote to listening. Anyway, here are a few loggings from the past month - nothing even remotely unusual, but at least it signals some improvement in reception. Maybe next month will see a return to the winter propagation we should be able to expect".

Stefan writes: "Please find attached logs from my recent trip to Denmark. Conditions generally mediocre bet 8/2 and 17/2 - two openings towards USA only. I did expect more from Asia as well. Being in the minimum it is a little bit disappointing. On the other hand I did a 8 new countries, wrote a 98 reception reports so had my fun any way".

Here in **Clashmore** conditions have very interesting during the last month, with some good openings occurring to the mid-west, and several daytimers being noted. There were also a few days when less common stations from the Caribbean area were coming through. I've been rather pressed for time this month, and haven't had the opportunity to check all my recordings, so my logs are only included up to 13th February; my logs for the 14th onwards will appear next month.

The **deadline** for the April DX Loggings is **Sunday 25th March**. Due to other commitments, I will only have a short time in which to compile DX Loggings, so please take care to use the correct format and preferably use 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