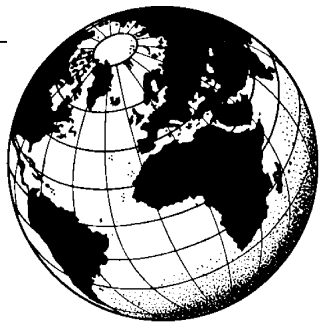
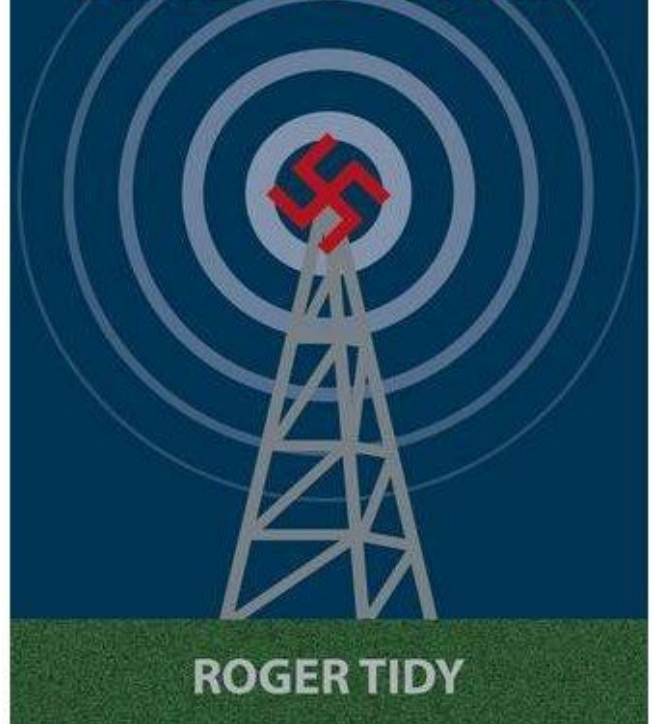


MEDIUM WAVE NEWS

MEDIUM WAVE CIRCLE

March 2011 Volume 56 No. 10

HITLER'S RADIO WAR



- ♣ *Win a Tecsun radio!*
- ♣ *H₂O radio*
- ♣ *Membership renewal time*
- ♣ *FS Loop antenna – NEW!*
- ♣ *Gurkha Radio loop aerial*
- ♣ *Renewal deadline 18th March*

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STOP PRESS:

Welcome to new members this month....

Welcome to the Circle!

Membership rate error

A small error has crept into the Membership Renewal Forms. This only affects e-membership rates for 3 years. **CORRECT RATES ARE SHOWN ON PAGE 4**. Apologies for any confusion.

LATE NEWS

IRELAND: RTE 252kHz off air 1st March. Not known if temporary fault or longer silence.

GREENLAND: All MW txs fell silent February 11th.

Stop Press Deadlines:	30 th March for April 2011	30 th April for May/June 2011
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EDITORIAL

with Steve Whitt

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Thank you to everyone who has renewed or extended their membership so far. Your names have already been added to the Prize Draw for the Tecsun receiver.

Time is running out for Membership Renewal

For historical reasons, many full membership subscriptions to the Circle run out at the end of March 2010 – if yours is one of them you will find an appropriate renewal form included with this issue of MWN. Please note that if you do not renew promptly, the next issue will be the last copy of MWN that will arrive through your letter box, and you will lose access to e-MWN and the e-news service at the end of March.

Benefits of Circle Membership

10 issues of printed MWN	e-MWN instantly available on-line
MWN e-list service (Yahoo Group)	Big discounts on WRTH

When you renew, please consider the benefits of taking out a 2 or 3 year membership. These simplify our administration, and they make print runs much more predictable so they help hold down subscription rates. You'll also benefit by avoiding any forthcoming increase in membership rate. If your membership has not yet run out, you can extend it at current rates.

This year we have a couple of new developments on the membership front.

Worldwide e-membership

In the past we limited e-membership to people living outside the UK. We did this because we wanted to circumvent the extra cost of postage outside the UK and the extra delivery delay of the printed edition of MWN. Now we are pleased to offer e-membership at one single low rate worldwide.

Prize draw

This year we've added a little bit of fun to the renewal process. If you renew your full membership you will be entered into a prize draw to win a brand new Tecsun PL-606 ultralight receiver. Even if your membership is not about to expire, if you extend your membership not only do you avoid future increases in membership rates but you'll be entered into the draw.

Simply, for every year of full membership that you either renew or extend you get one entry into the prize draw. For example if you extend your existing full membership by 2 years, you will get two entries in the prize draw – so doubling your chance of winning.

This prize draw couldn't be simpler since you don't need to do anything apart from renewing or extending your full membership.



The prize draw will take place on 23rd March 2011 so to be included in the draw you need to get your membership renewal back to the Treasurer before then. The winner will be announced in the April issue of MWN. **GOOD LUCK!**

We have not forgotten our e-members either. If you renew or extend your e-membership for 2 or 3 years using Paypal you will earn extra **FREE BONUS MEMBERSHIP** months.

2011 membership rates

As mentioned above, we've held the rates even though we know that the cost of postage will be increasing again in April.

FULL MEMBERSHIP RATE (you receive printed MWN)	1 year to Mar 2012 + one prize draw entry	2 years to Mar 2013 + 2 prize draw entries	3 years to Mar 2014 + 3 prize draw entries
UK	£13	£24	£35
Europe (inc Eire)	€ 32	€ 59	€ 86
Rest of World	Airmail	US\$44	US\$81
	Surface	US\$34	US\$63
			US\$119
			US\$92

Please note that printed copies of MWN and prize draw entries only come with full membership

e-membership (MWN in pdf)	£8/€10/US\$12	£13/€15/US\$20	£18/€21/US\$29
e-membership bonus months only if paying via PayPal	Nil	+2 months FREE	+4 months FREE

UK members who have paid in advance for future years of full membership may convert any remaining months to e-only membership at a rate of 1.8 months of e-only membership for every month of full membership (rounded to the nearest full month); to take advantage of this offer, please contact the Treasurer by e-mail at treasurer@mwcircle.org with your instructions.

Membership fees from April 2011 are based on the methods of payment detailed below (please note that unused British postage stamps are **NOT** an acceptable means of payment). The quickest and simplest way to renew your membership is on-line at <http://www.mwcircle.org/join.htm> using PayPal (or if you don't have a PayPal account, you may pay by credit card via PayPal):

UK members: PayPal (no surcharge), bank transfer, cheque, Postal Order, or cash (notes only, sent at your own risk – registered mail recommended). For payment by bank transfer you will need some or all of the following details (be sure to copy them exactly!):

Bank: Royal Bank of Scotland, Lochinver Branch Sort Code: 83-24-28

Name of Account: Medium Wave Circle Account Number: 00144522

Reference: Your MWC membership number (if available; may be obtained from the address label).

Overseas members: PayPal (no surcharge) or cash (notes only, sent at your own risk – registered mail recommended). Payment in other currencies may be made at the prevailing exchange rate. If you would like to pay by International Bank Transfer please e-mail the Treasurer (treasurer@mwcircle.org) for the BIC and IBAN numbers. Please note that the MWC does not accept payment by cheque (check) or money/postal orders in currencies other than pounds sterling (GB pounds) due to the high transaction charges involved.

Technology: H₂O Radio - Water Powered Shower Radio

We've often said that some of the best gadgets are also some of the simplest ones; a great example is the wind up radio which was pioneered by Trevor Baylis OBE in the 1990's. The device used kinetic energy produced by winding to charge and store energy in batteries, eliminating the need for electricity.



Not content with the wind up technology the same team has now invented the worlds first water powered radio that can installed on nearly all household showers – the H2O Radio needs no disposable batteries as the flow of water charges the Ni-MH rechargeable cell.

It works by forcing the water through a ‘micro turbine’ which turns a generator which actually powers the radio with the excess charging the internal battery. This means the radio can work once the shower has been switched off. It uses no extra water because this is simply looped back up to the shower head.

Vivian Blick, Managing Director of Tango Group said “Having seen huge success with the commercialisation of the Wind-Up Radio; we were constantly looking into new ways that further innovations in the radio sector could be made. Creating the now-patented micro turbine technology, that allows the radio to operate solely through the flow of water, was the key to our new innovation; and thus the world’s first water-powered shower radio was created.”

A week listening to ... Absolute Radio

For the past week I have been listening to nothing but Absolute Radio, writes Johnny Dee in *The Guardian* blog. Well, I did slip once. I had a long drive to Stoke-on-Trent on Saturday and staying tuned to Absolute beyond Northampton is a challenge that requires dangerous retuning, as depending where you are in the country the station broadcasts on a series of obscure medium wave frequencies. Yes, medium wave. This may be why their afternoon show is called Home Time rather than Drive Time. Listening to something on medium wave feels as counter-intuitive as wearing jeans to the gym or making coffee with a teapot. But there it is.

Absolute though is trying everything it can to be heard by somebody. There's iPhone apps and BlackBerry apps, you can listen on your PlayStation and they're one of the few UK stations who have realised that there's a very handy radio section in iTunes. You can also find them on digital radio of course, where they've spawned numerous offspring in the form of Absolute 80s, Absolute 90s, Absolute 00s and Absolute Classic Rock. On Frank Skinner's Sunday morning show he revealed that there were two further stations planned – Absolute Avant Garde "music isn't just for fools" and Absolute Absolution "for estranged roman catholics, because sorry seems to be the hardest word".

Like a pizza company that promises to deliver your meal in 30 minutes much of Absolute's daytime schedule is branded under the banner of something they call "the no repeat guarantee" although there's no mention of what you get if you do spot them repeating themselves. Their trails and jingles – all performed by actor and bon viveur Matt Berry in his finest Des Lynam tones – are repeated rather a lot though. Currently they're plugging "faces for radio" tying together their three star presenters – Christian O'Connell, Dave Gorman and the aforementioned Skinner – as unpleasant looking fellas who make fairly decent radio.

Actually all three are pretty great, O'Connell is excellent when riffing with an idea – last week bullying his producer into a spontaneous mission to the Monster Munch packing plant – while Gorman and Skinner, who host Saturday and Sunday morning shows respectively use their time on air to ramble entertainingly. Thankfully, unlike your standard DJs, the contents of Gorman and Skinner's minds are very funny. Frank revealed that he had been the recent victim of a "drive-by egging" an event he wondered could be connected to his over exposure as the face of Walkers Comic Relief crisps. "I'm fed up with the whole crisp thing," he grizzled before recalling that last week he'd been at a football match where they handed out 8,000 free packets. After the game the

streets were littered with empty packets with "my stupid face with my seven quid haircut just blowing around West Bromwich". Gorman meanwhile was fielding listener suggestions for people's names for their TV remotes of which "the telly commander" was the best. As has become gang show tradition (Chris Addison's 5 Live show is the worst offender), Gorman had several people in the studio laughing not very convincingly along to his jokes, which was a bit irritating. One of them, Danielle Ward, would have been brilliantly funny if she didn't sound as if she was reading her jokes from a notebook (lots of comedians on the radio fail to realise the difference between reading and speaking).

When Absolute is home to comedy people it's great fun – although Ian Lee's late night show does give a frightening glimpse of what the world would be like if it was entirely populated by whacky students (one feature this week included a synchronised swimmer and a deep sea diver conversing to each other via dolphin noises – yes it's that crazy). When it does football it's a bit Lidl FM with its combination of the worst Premier League game of the day and Ian Wright shouting about ARSE-nal. But when it's just about the music it's like an endless K-tel Father's Day compilation album. The lack of interference by their non big-name DJs is admirable – one day I heard the full 10-minute version of Layla complete with lengthy fade out, you'd never get that on a BBC station.

After 48 hours my wife cracked, complaining that listening to Absolute had made her feel as if she was a 45-year-old man. A bit cruel, I thought, until I realised I was a 45-year-old man and therefore capable of withstanding far higher proportions of Paul Weller and Kings of Leon than any other demographic. You can go for hours on Absolute without hearing a female singer, let alone presenter, and when you do chances are it'll be Sheryl Crow – a female artist who has somehow snuck under their bloke detector – or a Weight Watchers advert.

Thankfully Absolute is available in nice podcast-sized chunks with all the Dad Rock and ads taken out. I'd recommend full exposure to Skinner and Gorman and bite-size chunks of the rest when you fancy something somewhere between Radio 2 and 6 Music. It's absolutely sort of OK

Radio Caroline Parliamentary campaign -update

At the time of writing 55 MPs had signed the early day motion. See the campaign website for more information: <http://www.radiocarolineonair.com/>

DX from 1932

In September 1932 the first issue of a radio magazine appeared in print that was to last for over 78 years – in fact Practical Wireless is still in print today! It's interesting noting a few comments on MW reception from that first edition.

Do You Listen to Buenos Aires ?

UNDER favourable conditions broadcast programmes from three of the principal studios in Buenos Aires (Argentine Republic) can now be picked up between 1.30 and 3.0 a.m. British listeners report reception of LR4, Radio Splendid (303 m.); LR3, Radio Nacional (316 m.); and LR2, Radio Prieto (330 m.).

Mailbox

This month it's great to hear from **Geoff Trower**, a former very active member of the Circle. I was completely surprised to receive a letter from Geoff as I'd not heard of him or his whereabouts. In fact a few years ago when I conducted a search for Circle members who were prominent in the 1960s I failed to locate Geoff though it was rumoured that he was still around but not active in radio. Now over to Geoff,

"I happened to be browsing on the Internet the other afternoon when the thought came to me – I wonder if MW Circle is still around. So I keyed in the words and lo and behold there you were.

I downloaded the All Time DX Heard from Latin America out of curiosity and for some reason the one that first hit me in the eye was Primero de Marzo in Asuncion. You can imagine my surprise when I saw the credit "GT"!!

I started DXing in 1949 with an R1155 that my Dad bought for me. I started on SW but very quickly realised that the lower the frequency you went, the more interesting the programs!

So I started seriously on 49 and 60m where in those days there were many Colombians; "Nuevo Granada" sticks in my mind. It was Summer 1950 that I heard my first MW DX, somewhere around 830kc/s, the chimes and call of "Radio Splendid in Buenos Aires" but my first USA station had to wait till a few years later – that was WMEX in Boston on 1510kc/s.

In the early 60s I had a magazine called "SW Listener and Television Review". It listed in the Broadcast Section a few Cuban stations reported by Al Slater G3FXB, so I gave him a call and there developed a 20 year acquaintance. During the DX season I went over with my reel-to-reel tapes and we verified each others signals.

I contributed regularly each month to MW News, so nearly all my DX heard should be in your files. I can't help with any archive material as the tape recorder went wrong before I could transfer tapes to cassettes.

I have a good memory and can remember most of the stations I heard including the most southerly station R Nacional in Comodoro Rivadavia, and I heard many "firsts" including the Paraguay split on 645kHz Em. Caaguazu.

After meeting Al, I bought an AR88 and that lasted me 40 years! I used a 4 foot tuned MW loop plus a phasing antenna about 200 foot in length but in practice I could only balance the two between 1300-1600khz. I swapped recordings with NRC members in the states and they were amazed at the audio quality of the AR88; they thought it even better than some of their Hallicrafters etc. I didn't do very well with West Coast DX; only KOMO, KING and KFBK plus KSL, KAAZ Little Rock and KOMA Oklahoma City.

73s for now" Geoff is now living in Hove but can only listen to stations via the Internet. More memories next time.

And finally

Thank you to **Brian, G0NSL** who drew my attention to the Gurkha's use of MW loops to listen to their low power radio stations located at UK military barracks. Thanks also to author Mario Chomicz G8ODE and Richard Winters G3NVK, Editor of MERCURY" the Journal of Royal Signals ARS, for permission to republish from the Royal Signals Amateur Radio Society web site's e-library <http://www.rsars.org.uk/ELIBRARY/docsants.htm>

Once again **Graham Maynard** has been innovating from his shack in Northern Ireland and he has both an interesting tale to tell regarding the scientific method as well as the practical fruits of his labours. This month I'm proud to include Graham's work in MWN – look out for the FS Loop Antenna. This can be made on the kitchen table by virtually anyone but Graham has been overwhelmed by its performance

Thank you to **Henk Stelte** and **Herman Boel** who compiled Eurolog and Home front in John Williams absence overseas.

Remember that your membership may be up for renewal shortly. If you receive printed MWN please check your envelope for your renewal date.

Renew or extend your full membership before 18th March and you could win a brand new Ultralight receiver. GOOD LUCK.

Now on with the show.

73s Steve

THE FS LOOP ANTENNA

by Graham Maynard

14th February 2011

The spin-field Ferrite Sleeve inductor as a receiving 'FS Loop' antenna; (The best compact AM antenna in the world - ever!)

The performance of this new and extremely simple inductor was examined by connecting its terminals to a variable capacitor for use as if a resonantly tuned AM loop antenna, whereupon it was immediately recognised as being a significant step forwards when compared to all previously known tuned long, medium and short wave antenna designs.

Simultaneously, there was a cognitive realisation that this development had, as of its first 7th January 2011 testing date, immediately rendered all prior work, constructions and publications (including my own) relating to resonant ferrite and 'air-core' loop based medium wave antenna designs throughout our history of radio reception - *obsolete*.

Two MW and one SW example of the compact new form of resonant electromagnetic radiation transducing inductor described below offered more than ten times an increase in sensitivity (20dB) when compared to any equal diameter construction previously available, hence this development cannot be seen as anything other than being very important. Renewed joined together thinking had led to the design of a novel antenna applicable not only to portable and table top AM radio reception anywhere in the World, but additionally via scaling and adjustment for frequencies spanning ULF to 49 metre band and beyond at HF, also for processes relating to alternating field generation within or beyond its ferrite sleeve, pulsed field technology applications, and possibly the development of compact directional MF transmitting antennas.

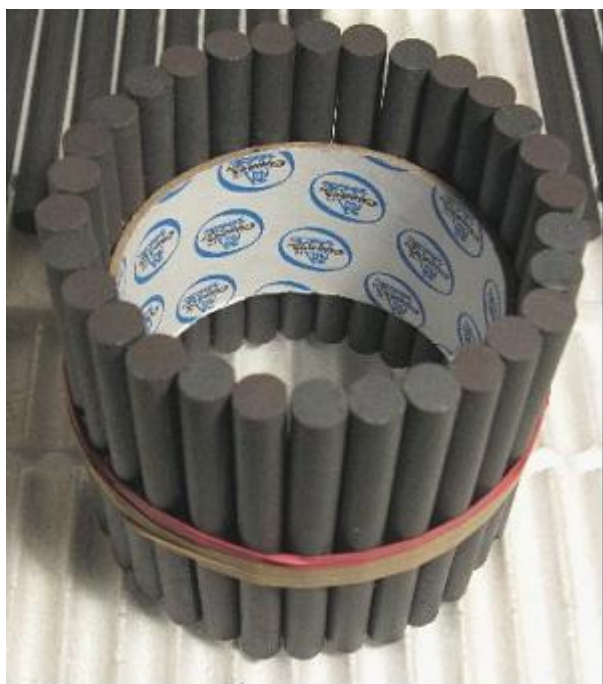
An 8.5cm Medium Wave FS Loop.

My first inductor was:

1. a thin layer of foam rubber over a 10cm length of cardboard tube (from the inside of a used kitchen roll);
2. twenty 100mm long by 10mm diameter ferrite rods taped in place as they bedded into the foam;
3. two turns of single layer small bubble-wrap wound on top of the rods bound with tape to create a 5mm gap between the rods and the coil;
4. a 34 turn over-wind of plastic insulated 16x0.2mm (3A) equipment wire, bifilar wound spaced with string such that the outer turns came to within about 1.5cms of the rod ends;
5. winding ends left about 20cm long and connected to a tuning capacitor out of an old transistor radio, likely having about 200pF of range when the trimmers were set to minimum value.

That was it - less than £10 worth of parts and fewer than 30 minutes between starting and testing.

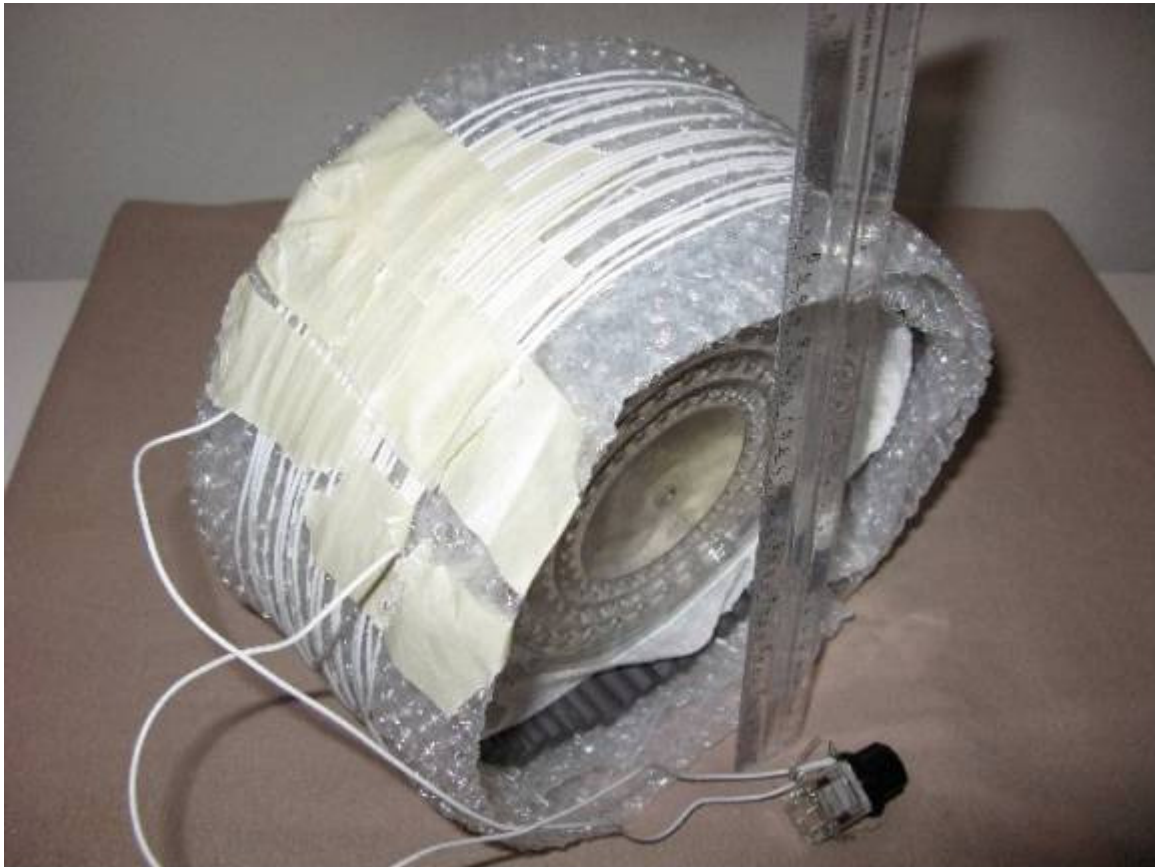
Well this was daytime, and Radio Lancashire 1557kHz is not normally receivable here North of Belfast on my Tecsun PL-380, yet with this little radio standing its full 8.5cm high against the new slightly less high coil, there it was in full clarity as soon as I adjusted the tuning capacitor, and I have to tell you this, I was gob-smacked.



After 50 years of tuning medium wave stations this little antenna had me astounded, for here it was receiving signals as if it were a full sized box loop and yet it could fit on any bedside cabinet. It was the same with my Sangean ATS-803A too, for this little antenna could remain unseen behind that radio and again provide the type of DXing capabilities I cannot begin to make any reader appreciate without them first seeing and hearing it for themselves. Actually, this was when I became annoyed too, because I realised that this design might have been imagineered some 60 or 70 years ago, but for the conceptual barrier raised against such ingenuity by the thoughtless perpetuation of erroneous concepts related to magnetism and 'transverse wave' theory.

A 21.5cm Medium Wave FS Loop.

That first test had already proved the accuracy of my concepts in relation to electromagnetic radiation photons being transduced via a tuned winding, with the new Ferrite Sleeve behaving exactly as expected. Next I needed to see how an eight inch diameter version would perform; this being when my wife lost the top 9cm deep plastic section of her 19cm diameter vegetable steamer. It was overlaid with sixty-four 100mm long by 10mm diameter ferrite rods and these taped in place. Again two layers of small bubble-wrap were over-wound to create about 5mm of gap for 24 spaced turns of ordinary insulated 16x0.2mm spread out to cover the rods to within about 1.5cms from the rod ends.



This too was just a typical 'Blue Peter' testing lash-up - but wow - did it work. Only 8.5 inches in outside diameter and providing a genuine 30dB of signal improvement when compared to a single 100mm rod antenna, as was demonstrated by taking an apparently clear channel (determined by the complete lack of BFO beat on my Sangean) to full listening signal strength with any portable radio, including a most basic £5 Matsui from Argos.

The increase in received signal strength suggested that dividing the number of rods used by 2, gives a fair indication of what might be expected; e.g. 20 rods gave approximately ten times gain, and 64 rods about thirty times gain. I also judged the performance of the 8.5" diameter construction to be equivalent of that from an eight to nine foot diameter 'air core' loop, suggesting performances where 1 inch of outside diameter for a finished Ferrite Sleeve Loop antenna, is equivalent to 1 foot of outside dimension for an 'air cored' construction. Actually, I thought the larger FS Loop antenna so powerful it might realise a 'portable crystal set' by merely adding a germanium diode and high impedance phones connected in series.

Many years ago I built little regenerative transistor radios, now this FS Loop antenna makes me think it would be possible to build a one-transistor loudspeaker radio project. Also, connecting say

a twenty rod FS Loop antenna in place of the first RF coil and having it on a swivel inside an old tube radio or radiogram where space is not limited - would provide amazing MW sensitivity and make an old fashioned "wireless" set really live up to its name!

At night that larger coil provided so much gain that care became essential when positioning a receiver, also when tuning it due to radio input stage overload and induced intermodulation effects being noted. This was not a problem once the new loop was tuned to sidebands farther away from powerhouse signals. Any portable radio need only be brought close to a FS Loop antenna for its amplified magnetic field to become inductively coupled with the radio antenna. When a radio is very close to, or touching an FS Loop, then its internal rod antenna becomes completely controlled by the field generated by the sleeve, which is not a bad thing because the resonantly tuned thermal noise of a radio antenna is then overcome with slight but clearly audible improvement in the wanted signal to noise ratio.

High 'Q'.

I tried this larger antenna on LW, beacon and top band frequencies where it performed every bit as powerfully, however I lost my dinner for two days whilst trying it, so it no longer exists. The most significant and instantly recognisable aspect of all these antennas, even with the larger dimension, was their very high 'Q', for even at the high frequency end of the MW band they could be peaked over one sideband. The 'Q' is so high that it is like tuning after regeneration has been applied to a box loop, and yet without any electronic circuitry or additional power source being involved. This had me thinking about electron spin orbits within the ferrite yet again, for something I have not come across before could be happening inside the sleeve to provide that notably high degree of longitudinal field amplification. (?)

Now I am no expert on ferrite, and I do not have any equipment suitable for testing same, but do I feel that electron spin orbits within the rods making up the sleeve are more than simplistically resonantly oscillating about their axes. I cannot imagine the unbonded electron spin axes fully rotating around their molecular centres within the ferrite, yet they might be spin precessing like little gyroscopes due to resonantly alternating energy oscillating between the charge on the tuning capacitor plates acting upon electron motion, and thus their orbital alignment, via the tuned winding induced alternating magnetic field, acting as gravity does upon the spinning mass of a gyroscope, attempting to topple electron orbit spins within the ferrite, first one way and then the other. Thus I could imagine the axes of electrons spin precessing within the ferrite sleeve instead of linearly oscillating like a pendulum would though zero, with the electron orbits gyroscopically storing plus returning more energy, and the gyroscopic electron orbit precession possibly becoming an alternating magnetic wave. This could explain the very high degree of resonant magnetic field amplification quite literally generated around these Ferrite Sleeve Loops.

Given that there really is such high 'Q' and so great a field multiplication, it might prove useful to over-wind an additional single wire turn, and then connect its ends to a potentiometer in order to form a 'Q' damping control, or, split the winding into two halves and connect a low resistance potentiometer at their central ends. Either method will maintain loop balance and thus its inherent figure-of-eight reception pattern, whereas a potentiometer inserted in series with just one winding end would not. If an FS Loop were to be made with end covers over the rod ends, or around the end of an empty plastic food or paint container etc., there could be 'panel' space for mounting a tuning capacitor with some kind of plastic dial, a 'Q' control, and maybe even a range changing switch. Obviously hand capacitance effects can be a problem with circuits having very high 'Q', so mount the tuning capacitor away from hand movement, and use as large an insulated knob as possible. In the past I have overcome this problem by using a twin gang 500pF component with the winding ends connected to one set of fixed vanes each; this makes the maximum value swing just 250pF, but then hand capacitance is common to the centre spindle only, and cannot affect tuning.

I also need to comment about dimensions in relation to the external fields generated by these inductors, because you could tune one about 6" in diameter or larger, in one room, and couple with it through a dividing wall to a radio in an adjacent room. Also, when my larger FS Loop was tuned and then moved towards anything metal (or anything metal moved towards the loop) it would start going off tune beyond a distance of about 60 cm - 2ft! Even the silvering and metal frame of a sliding mirror-robe door also affected tuning beyond 60cm, whilst mattress springs had me wondering where the previously amazing performance had gone to when I set one a bed for some quick listening checks. Thus the FS Loop antenna works best well away from any metallic objects, including wires embedded in walls etc.

Large field.

Where above I wrote about the toroidal (doughnut) shaped field lines, once you construct one of these antennas you will be able to understand these by tracing the figure of eight antenna field using a small radio. When the radio is tuned to a station it cannot otherwise receive on its own, you will appreciate the magnetic field lines turning from being lengthways-on beside the winding, becoming 90 degrees rotated either side of each end, and then rotated another ninety degrees in line with rod ends. The centrally extending vortex of weak coupling does not resolve until a radio is positioned fully inside the coherent field and close to the rods inside the sleeve.

Also regions or angles of reception null at some 2 to 20cms distance can be noted where directly received signal tuned by the radio becomes cancelled out by the field generated by the loop. Occasionally this effect can be put to good use for nulling powerful stations so that weaker co-channel ones may be heard; the loop needs to be tuned to the weaker signal, and the radio must not be so close that it becomes fully mutually coupled with the loop.

Antenna 'Q' related AM signal demodulation is another aspect to considered here, for there are two ways of enhancing AM listening quality. One method (technical within the receiver itself) relates to 'switching' the demodulator synchronously in perfect time with the received carrier so that even during ionospherically induced fading the de-modulation cannot lose carrier related coherence. Very few receivers come provided with synchronous demodulators, and yet this is a system where two different stations on the same channel may be received entirely separately! The other way of enhancing poor signal reception is by having a high 'Q' antenna capable of peak tuning on the wanted carrier frequency such that the antenna becomes synchronised with its carrier, and the signal entering the radio enhances the radio's standard envelope demodulation capabilities. This is where the FS Loop provides a 'gyroscopic' advantage when used with ordinary radios, and especially for weaker signal reception in the presence of random electric noise fields.

Parts and larger size.

Another notable aspect relates to how exceedingly quiet these antennas are. They have lower winding resistance plus small, totally isolated and floating balanced windings so much smaller than conventional 'air core' loops, and therefore they pick up much less voltage field interference (sometimes called the vertical effect). They certainly pick up much less noise than my Tecsun PL-380 does on its own, for this little radio can sometimes 'hear' radar like swooshes (likely switch-mode power supplies cycling without load) which other radios do not because the interference is not predominately within the MW band.

I would expect a Ferrite Sleeve antenna made out of as few as ten rods to perform very well, and I even tried one of twenty 6" long by 5/16" diameter rods inside a glass jar with the coil wound over the outside, this being truly excellent too; so everyone should feel free to try whatever they might have to hand. Unfortunately ferrite rods have become much more expensive recently, though Rapid Electronics [Rapid Electronics Limited, Severalls Lane, Colchester, Essex CO4 5JS UK] have been selling them at a very competitive price -

<http://www.rapidonline.com/1/1/4790-ferrite-rod.html>

<http://www.rapidonline.com/Electronic-Components/Capacitors/Variable/Miniature-tuning-capacitor-100V/61811/kw/tuning+capacitor>

Having already tried two sizes already, I would recommend a good size to make the FS Loop antenna would be one utilising between thirty and fifty 100mm long by 10mm diameter ferrite rods, for a completed antenna of between four and six inches outside diameter, and capable of performing as well as a conventional tuned four to six foot 'air core' tuned loop. However even the twenty rod version worked astoundingly well whilst remaining very portable, and thus it represented a very useful night-time TA capable complement for modern Ultra-Light receivers.

From observations I would expect a 200 rod version to have a diameter of about 60cm, with a likely 40dB sensitivity gain over bareback portable MW receiver performance, and thus be approaching Beverage antenna performance via loop reception. This would be so sensitive it would overload almost any receiver unless used in quiet (remote) locations. It would also generate a massive RF field around itself, so if taken to a DX-pedition site ought not be used in the same part of a house where other receivers are connected to Beverage antennas. I could however see a Ferrite Sleeve Loop antenna being useful if tuned and rotated near an incoming Beverage feeder to null out some undesired signal masking wanted reception.

The 11cm Shortwave FS Loop.

Thinking it likely that this kind of antenna would work very well at tropical 120 metre band frequencies, and maybe even 90 metres too by adapting antenna turns and tuning capacitor value, I thought I would try making an FS Loop specifically for these frequencies.

This one was around the card inner tube from inside a standard roll of 5cm wide masking/ parcel tape; with thirty 100mm by 10mm diameter ferrite rods taped in place over it; then a poly-foam protective wrap to create a 5mm gap; this then over-wound with 12 turns of (string spaced) 24x0.2mm standard insulated wire. See photos below.

Portable radios tuning between the 180 and 49 metre bands do not usually use a ferrite rod (frequencies 1.7 to 6.2MHz), but do come with a telescopic antenna that can sometimes leave small radios a little deaf below 4MHz. Clearly there was no chance of mutual FS Loop field coupling here, and so I was wondering how an FS Loop might be connected to a portable because small portables don't come with sockets through which say, an additional single turn wound over the main 12 turn winding on an FS Loop could be feeder connected.

Then I remembered that my original aim for these inductors was for them to couple with or to generate electromagnetic fields in the 'free' space surrounding them, and now, because their resonantly energised electron spin fields do exactly that;- via the natural impedance of electron spin coupled surrounding space, all I would need to do is connect one coil end to a collapsed telescopic rod to provide tuned lower MHz SW reception. Thus the resonant, photon generated voltage developed by the inductor, would effectively be in series with the natural impedance of surrounding electro-magnetic space for simple coupling to any portable via a single connection.

Once again the reception provided by an FS Loop had me sitting there in a daze of incredulity, for it works brilliantly!

Never before have I heard such clean 75 metre band reception because no telescopic or outdoor wire can work like this. At 10cm long via 11cm diameter this FS Loop antenna was just like having an ATU with an outdoor long wire antenna plus feeder, only better, because it could be rotated to reduce either local TV time-base-computer PSU interferences, or null the communications type buzzes so prevalent on lower frequency short waves. Those nulls were

almost figure of eight on both 120 and 90 metre bands as well, though less well defined on 75metres, yet still helpful as high as 49 metre frequencies where the direct connection of the receiver was clearly having a much greater unbalancing effect upon loop characteristics.

Yet again, here was a compact 'bedside table' sized SW antenna capable of competently and most conveniently feeding a portable without either any need to raise its interference collecting telescopic antenna, or any need to bring outdoor feeder cables into living spaces. Long Live AM!



A Ferrite Sleeve antenna in a box coupled to an Ultra-Light Receiver – all easily rotated using a Lazy Susan

Other Notes.

Another use I could imagine for this kind of inductor is as the field coil for a metal detector. One of these coils would definitely not be lightweight, but its spin-field would be many times more sensitive to small metal objects in line with the edge of the sleeve.

Given the efficiency of a Ferrite Sleeve inductor at resonance, this type of component could make either a high efficiency tuned RF inductor or transformer; be used as part of a compact directional transmitting antenna; for at the end driving of Tesla coils; be used in pulsed field applications; for radio therapy treatments; or for inducing fields in say a liquid close to the sleeve.

Summarising the Ferrite Sleeve Loop antenna:

An incident radio frequency photon stream energises alternating electron motion through the metal atoms within the coil winding.

A tuning capacitor connected across the coil forms a resonant circuit where charge voltage developed across the capacitor becomes phase shifted with respect to electron flow through the coil.

The coil induces a homogenous alternating magnetic field through most of the Ferrite Sleeve; this in turn causes electron spins within the ferrite to align axially near the winding.

Resonant energy alternations between charge in the tuning capacitor and electron orbit spin alignments within the ferrite, magnify the amplitude of oscillation for both the photon induced voltage developed across the tuned winding, and the external magnetic field generated by electron orbits within the Ferrite Sleeve.

This cannot happen with long and-or thick ferrite loop-stick antennas, because photon-energised field-induced electron-spin orbits within those solid rods are -

(a) not energised directly by electromagnetic radiation; and

(b) when energised by a relatively small coil, are not homogeneously coherent and co-axial throughout the entire rod length and diameter.

It is essential that the magnetisation of ferrite be imagined as electron spins within the material being mutually aligned via external field lines of a coil or a magnet. Also, coils are coils no matter what; so going to a large diameter with respect to coil length increases winding 'C' and 'R', which reduces 'Q' because the increase in 'L' with diameter cannot compensate.

Further thoughts

1. When it comes to an FS Loop it is likely that the thickness of ferrite in a sleeve could have a significant bearing upon coil diameter range with respect to length. All of my tests with a mean sleeve diameter of between 0.5x and 2.0x rod length have proved successful, with the coil then wound over a 5mm insulation gap.
2. I have not checked for optimum dimensions of Ferrite Sleeve thickness, or length versus diameter, these aspects still need to be empirically verified; however the ordinary insulated cable winding length ratios of 0.7x Ferrite Sleeve length tested for MW (7cm of winding on a 10cm rod) and 0.8x for SW have already worked well.
3. I would expect any increase of FS Loop diameter for any given length of ferrite rod or coil to also increase the overall sensitivity, though with 'Q' falling from its inherently very high starting point. As an antenna having too high a 'Q' can impair program listenability, Litz wire is definitely not necessary when constructing the FS Loop.
4. With tuning capacitor vanes fully open, I would adjust the number of turns wound on to an FS Loop to resonate at the highest required reception frequency, i.e. 1700kHz for MW, and then ensure that the variable capacitor has sufficient swing to tune the lowest desired frequency, say 520kHz. Additional switched tuning capacitor padding can easily make a MW FS Loop tune beacon frequencies; a LF beacon FS Loop tune LW broadcasts; or a Tropical Bands FS Loop tune MW; but coils are always best within a 0.5x to 2x bandwidth range.
5. Also, I would not recommend using any varicap tuning arrangements due to the high RF voltages developed by the winding then also appearing across the semiconductor itself. Hence Ferrite Sleeve antennas should not be directly connected to radios utilising varicap diodes, as with the modern Ultra-light receivers. (Inductive mutual field coupling between an FS Loop and portables/ Ultra-lights is already more than adequate anyway.)

Why not have a go at replicating my work and then let everyone know your results.

graham.maynard1@virgin.net

BBC SERBIAN WAVES 'BYE

The BBC's Yugoslav Service began broadcasting from Bush House in 1939. Jovan Cirilov closed his eyes in thought, casting his mind back 70 years. "Da-da-da Dum... Da-da-da Dum," he sang, his elderly face suddenly animated. "I remember it well. Beethoven's Fifth - that was the jingle for the evening news bulletin on the BBC. We could have been arrested, even killed, for listening."

The memories were still vivid for this renowned Serbian theatre director. He was eight when the BBC Yugoslav Service was launched in 1939, broadcasting in the language formerly known as Serbo-Croat to a country that soon fell under occupation by the Nazi-led Axis powers.

Vital lifeline

He and his father would perch by their radio, listening to the rare source of independent news in occupied Yugoslavia. "We closed the doors and turned down the volume," he said, "so nobody else could hear." And so began this vital lifeline of information to a country of 20 million people.

As World War II progressed, the British government supported the Partisans, the Communist resistance force of Josip Broz Tito. Josip Broz Tito was president of Yugoslavia from 1953-1980.

But the BBC's role was, as ever, to stand above government policy, to remain impartial. And yet still, after the war, during Tito's long leadership of the country, there was criticism of the BBC's Yugoslav service for a perceived pro-Communist bias including during parliamentary debates at Westminster.

'Tacit respect'

For more than 50 years, the BBC's Yugoslav Service continued its daily broadcasts. And then, as Yugoslavia began its slow and painful collapse into civil war, so the Yugoslav Service divided into separate arms in 1991 - Serbian and Croatian.

During the tumultuous decade of the 1990s, when independent media were taken off air and attacked under Slobodan Milosevic's presidency, BBC Serbian remained in place. "There was a tacit respect for us from the regime," said Djordje Vlajic, Belgrade correspondent for the service since 1993. "A Serb leader during the war once said to me, 'We don't like what you're doing but we can't do anything about it, because facts are facts.'"

The Serbian Service always tried to transcend the often difficult political relationship between Serbia and the West. Serbs hated the British government for leading the Nato bombing of Serbia during the Kosovan war, and yet they tuned into the BBC Serbian Service in ever greater numbers.

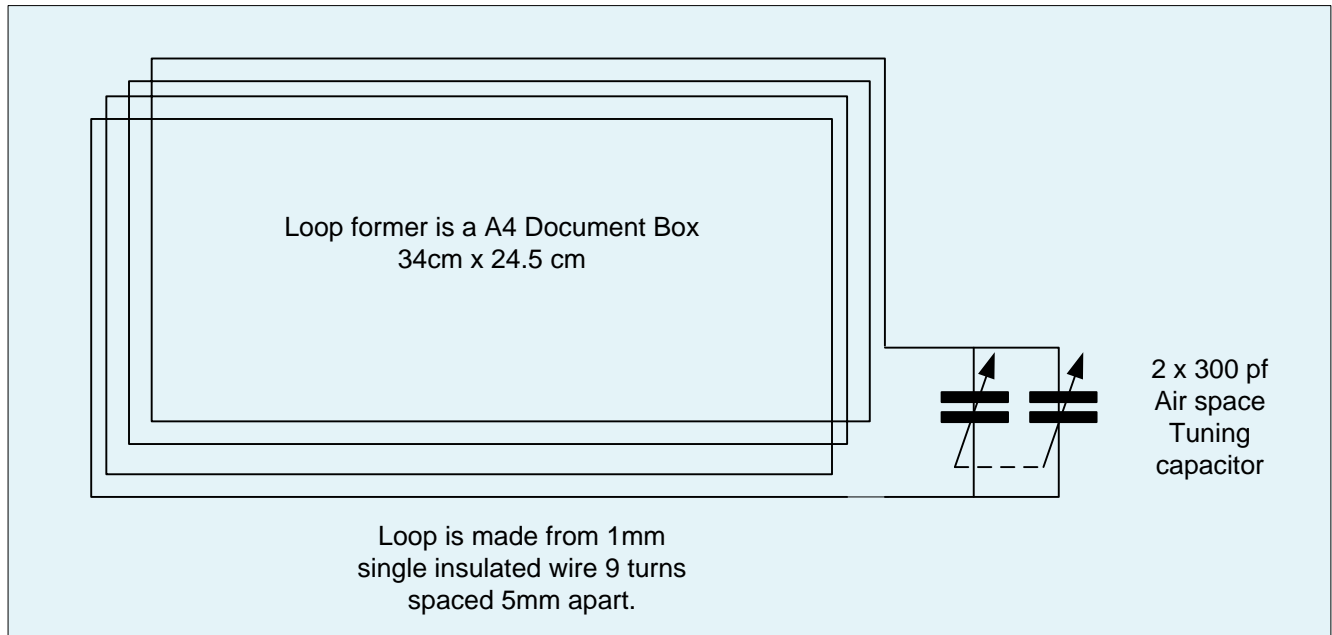
Going it alone

In the last decade, a democratic Serbia has emerged, free of Milosevic's rule. And what of the legacy of the BBC Serbian Service? "It has set the highest standards of journalism," said Jovan Cirilov, who still tunes in daily. "And it's made those of us who listen citizens of the world, since Serbian news is so domestic." There may be rough times ahead when we need the BBC the most, but then it'll be too late.

The service closes as Serbia extends its hand westwards, striving for EU integration.

Seventy-two years on, a battered, smaller, weaker Serbia bids *do vidjenja* (farewell) to its language service.

The **British Forces Broadcasting Service (BFBS)** Medium Wave loop antenna was designed so that the ex-Gurkha Soldiers employed as security guards at my place of work could listen to BFBS Broadcasts from the Sandhurst Military Academy. The **OFCOM licence** limits the AM transmitter power to 1-2 watts and hence the radius of coverage is about 3-4 miles. The Gurkha's domestic radio using an internal ferrite antenna had difficulty receiving the broadcast because it was further away. The reception was improved by placing the loop antenna close to the radio as shown in the later photograph and tuning it to 1134KHz.. – No electrical connections were required between the antenna and radio.



CONSTRUCTION NOTES

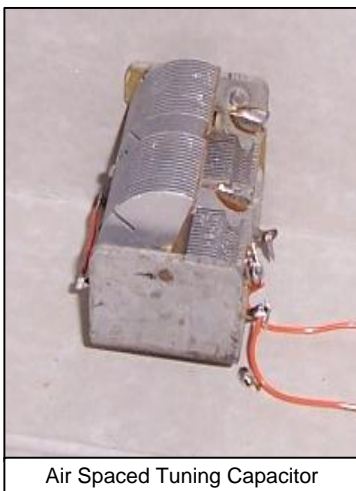
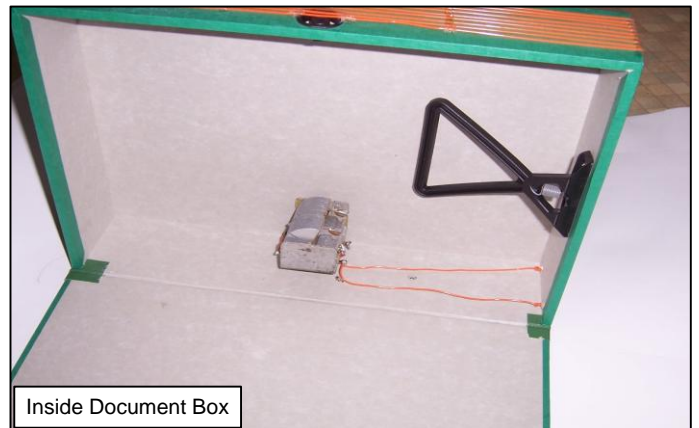
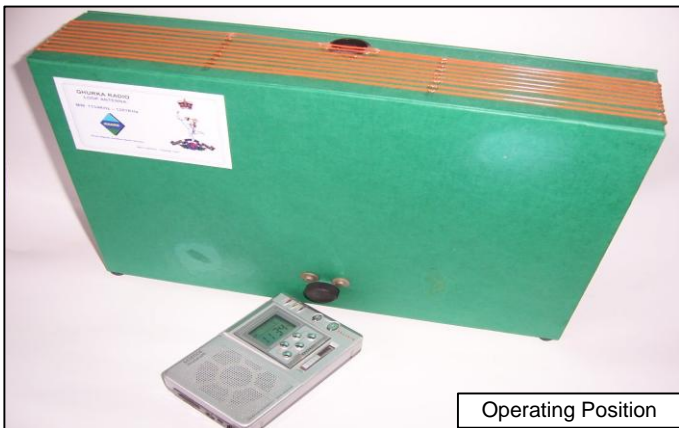
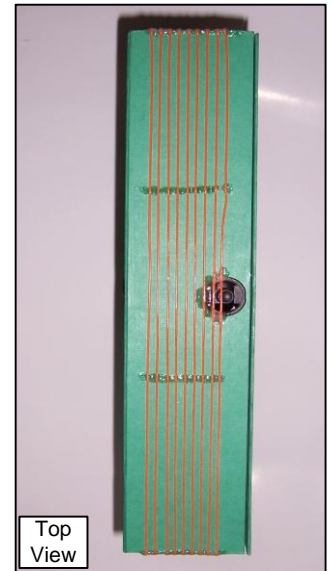
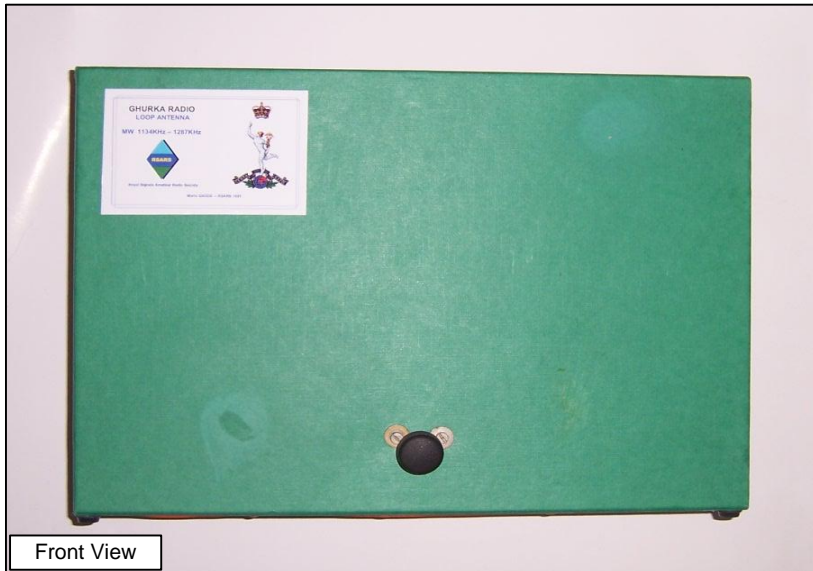
Construction is relatively straight forward with a knob attached directly to the shaft of the twin gang capacitor. The 9 turns of 1mm insulated wire are spaced 5mm apart. Two holes are drilled at the bottom of one side to allow the ends of the coil to enter the box. The wires are then soldered to the capacitor, which is mounted at the bottom of the box, so that the centre of gravity is kept low and the tuning can be done without tipping the box over. The coil is wound keeping the wire tight. The ends of the coil are secured by tying a knot on the inside of the box. This is necessary to keep the wire tight on the box during the early stages of construction. Later the wire is secured to the box using clear contact adhesive (Bostik in the UK). This is applied on the four corners, and across the wires on the sides. This ensures that the wires do not move and change the inductance of the coil, and hence the tuning of the loop .

TUNING THE ANTENNA

The long axis of the document box has to point in the direction of the transmitter, and the domestic radio's long axis with the ferrite rod has to be broadside to the transmitter. The two should initially be at right angles to each other. The final position may need to be changed to suit local conditions. It was found that the loop is very directional and moving the long axis 10 degrees off the line of the transmitter produces a noticeable change in the signal strength.

First tune the radio to the desired frequency, then bring the loop antenna close to the radio. Tune the loop by adjusting the capacitor slowly. The correct tuning point is where the signal is heard to increase.

Please note that the loop antenna is passive, and has limitations on how much it can improve the Signal to Noise of these weak broadcasts. If you are on the fringe area 6-8 miles away then this may work for you. My QTH is about 5-6 miles from the Transmitter and I get excellent reception using this antenna.



NOTES.

The loop's former is an A4 Document Box - 34cm x 24.5 cm. The box door is positioned at the rear and provides access to the tuning capacitor during construction.

The 9 Turns Coil is wound tightly around the box using Orange insulated wire 1mm diam.

The 300+300pF Tuning capacitor is fixed to back of the box using 2 short Bots & washers. The black plastic knob used for this design was a push-fit type. Alternative miniature tuning capacitors that are found in small transistor radios can be used. If the value is smaller then add an extra 1-3 turns to the coil to compensate for the smaller value .

$$\text{The loop's resonance Frequency} = 1 / \sqrt{(2\pi LC)}$$

Top View photo shows the clear contact adhesive that is used to secure the wires to the boxes edges and sides.

Operating Position photo, shows the small radio tuned to 1134KHz which is not at right angles to the loop antenna as might be expected. This was because the offset position provided a better signal to noise ratio in the location it was being tested i.e. a slightly noisy environment

Final Note :- *Tested by two ex Gurkha Security Guards in Berkshire on 16/8/10 and very pleased with the results listening to the Sandhurst broadcast on 1134KHz.*



CENTRAL AMERICAN NEWS

✉ Frejagatan 14A, SE-521 43 Falköping, Sweden

with Tore Larsson

e-mail: ca-news@mwcircle.org ☎ +46-515-13702

Cuba

1040/1190/1450 Radio Mayabeque, ex-Radio Güines. Also 104.7 FM.

Fq 1040 heard by Bill Whitacre, Alexandria VA, identified by Henrik Klemetz in RealDX

This is the result of the new administrative division of the Island. On Jan. 8th two new provinces were born from the old La Habana: Artemisa y Mayabeque. So this is the new provincial station born from the 40 years old Radio Güines and adding the tx used until this moment for the old Radio Cadena Habana provincial station: 1040 (Güines 10kW), 1190 (La Salud 25 kW) and 1450 (Güines 1kW, old Radio Güines tx.).

Mauricio Molano, Salamanca in RealDX

SOUTH AMERICAN NEWS

✉ Kirkåsveien 15, NO-1850 Mysen, Norway

with Tore B. Vik

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

Argentina

1610

R. Fósil new station "no oficial" from Rosario, Provincia de Santa Fé. Future web:

www.radiofossil.com.ar

Rubén Guillermo Margenet via ConDig

1620

R. Sentir, new station "no oficial" in the Province of Buenos Aires Marcelo A. Cornachioni

1630

License for a new station has been issued to San Juan, Provincia de Entre Rios

web

Brazil

610 ZYK557 R. Globo, Catanduva (SP13) – ex R. Bandeirantes

web

630 ZYH422 R. Dif. Amapá (AP01) – ex R. Dif. de Macapá

web

770 ZYH902 R. Boa Noticia – new station. Address: Praça Roosevelt Moreira, S/Nº - Centro, 65800-000

Balsas, Maranhão. Web: <http://www.radioboanoticia.com.br> E-mail:

boanoticia2009@gmail.com

web

900 ZYI533 R. Liberal, Belém (PA10) – ex 1330

web

920 ZYI893 R. Educadora, Parnaíba (PI11) – delete

Claudio R. Moraes

920 ZYK348 R. Tramandaí, Tramandaí (ES44) – delete

Claudio R. Moraes

1060 ZYJ830 R. Central, Florianópolis (SC103) – ex R. Regional

Claudio R. Moraes

1390 ZYK594 R. Anchieta, Itanhaém (SP90) – delete

Claudio R. Moraes

1450 ZYI699 R. Sertão, Patos (PB29) – ex R. Itatiunga

web

1460 ZYK707 R. Universal, São Roque (SP171) – inactive

Claudio R. Moraes

1520 ZYH635 R. Regional de Ipu (CE75) – ex R. Araripe

web

1580 R. Dif. das Missões (RS197) – delete

Claudio R. Moraes

Ecuador (ed: TL)

730 HCMG2 R. Guayaquil has been heard by Jim Solatie in Lemmenjoki. Closer examination has revealed that the station has been off the air for well over a year. It has close ties to the PRE party and the Bucaram family. The ex-president Abdala Bucaram is living in exile in Panamá, but his youngest son is a member of the parliament. Radio Guayaquil has become the party's mouthpiece. There is no "official" address to the station. Henrik Klemetz

1370 HC5RR R. El Rocío sometimes calls itself "RR". The callsign, which is missing in the WRTH, is

HC5RR. It is indeed announced from time to time.

Henrik Klemetz

NORTH AMERICAN NEWS

✉ Sand Gap, Bursea, Holme-on-Spalding Moor York YO43 4DF

with Andrew Brade

e-mail: na-news@mwcircle.org

Hello again.

Here is what's been happening on the North American AM dial. May I express my gratitude to the organisations which make this summary possible? Thanks this month to: - IRCA, ABDX, NRC DX News, FCC, CRTC, DXLD, DX Mid-America.

There three DX tests previewed last month were cancelled at short notice with no reason given. There are, however, three more to watch out for in March.



- 1230 WCMC** Wildwood, NJ; Now oldies (was nostalgia) //WMID 1340kHz.
- 1560 KGOW** Bellaire, TX; Applies to reduce its daytime power from 50 to 43kW.
- 1570 CJLV** Laval, QC; the station is likely to be sold probably leading to a switch to an Asian (Indian) format (see below).
- 1590 KCNN** East Grand Forks, MN; Callsign change to KGFK. The station has a rock format, having been sports between 2009-2010 and country and talk previously.
- 1620 KOZN** Omaha, NE; KOZN (1620 AM) is set to end its long-running affiliation with ESPN Radio, align with Fox Sports Radio and add the Jim Rome Show. KXSP "Big Sports 590" is going to become AM 590 and start promoting itself as "Omaha's ESPN Radio," and might look at bringing back a locally produced weekday show. The first of the changes were planned to take effect Feb. 1.

DX Tests

IRCA report DX Test arranged for March. Editor's notes are in italics:

WFNY 1440 kHz Gloversville, NY will Test Sunday morning March 6th between 0100 and 0200 EST. Morse Code, tones and old rock and roll. Power will be with their 5,000 watt non-directional signal. Address as in the Domestic Log and WFNY@Logical.NET for reports with return postage.

Verie guy is my buddy Mike Sleezer, Owner, G.M. (Arranged by Ron Musco of Poquonock, CT; information via Phil Bytheway) *The 5kW daytime pattern is non-directional but the normal night-time pattern has its major lobe to the NNW.*

WKVQ, 1540 Khz, 10 KW, Eatonton, GA will test on March 12, 2011 from 1:00-1:30 AM Eastern Standard Time (0600-0630 UTC). Test will include Morse code IDs, voice IDs, special music, and sweep tones. Reception reports may be sent to starstation@bellsouth.net which will be acknowledged with an eQSL or snail mail reports to WKVQ Radio, Attn: DX Test, P.O. Box 3965, Eatonton, GA 31024-3965 which will be acknowledged with a traditional QSL card. During the test, phone calls will also be accepted at 706-485-8792. Special thanks to Chief Engineer Craig Baker, for making this test possible. *This is a daytimer only with 10kW daytime, non-directional.*

WYTH, 1250 kHz, 1 KW, Madison, GA will test on March 19, 2011 from 2:00-2:30 AM Eastern Daylight Saving Time. Test will include Morse code IDs, voice IDs, special music, and sweep tones. Reception reports may be sent to starstation@bellsouth.net which will be acknowledged with an eQSL or snail mail reports to WYTH Radio, Attn: DX Test, P.O. Box 3965, Eatonton, GA 31024-3965 which will be acknowledged with a traditional QSL card. During the test, phone calls will also be accepted at 706-485-8792. Special thanks to Chief Engineer Craig Baker, for making this test possible. (Arranged by Jim Pogue; information via Phil Bytheway) *1kW daytime; 79W night time both non-directional.*

CANADIAN RADIO NEWS

From NERW:

More details are available on the planned changes on 1050. Canada is getting another all-sports radio outlet, courtesy of CTV. "TSN Radio" will debut April 13 on CHUM (1050 Toronto), the flagship of the ill-fated "Team" sports radio network more than a decade ago.

While TSN Radio was expected to become a network service incorporating some of the remaining "Team" outlets (CKGM 990 Montreal and CFGO 1200 Ottawa, among others), the initial announcement from CTV treats "TSN Radio 1050" as a standalone for now, but with hints of something bigger to come: CTV says the Toronto station "will work closely with CHUM Radio's portfolio of market-leading all-sports radio stations in Vancouver, Winnipeg, Montreal and Ottawa," and we note that registrations were made back in January for domains including "tsnradio1200.com" and "tsnradio1200.ca."



From IRCA and NRC:

1570 CJLV Laval, QC

It looks like AM oldies are on their way out in Montreal: Diffusion Laval Inc. is asking the CRTC to approve the sale of CJLV (1570 Laval) to Radio Humsafar Inc. The CRTC says the proposed buyer (at a price of C\$200,000) would continue to operate under the terms and conditions of the current licence, but we'd imagine a flip to South Indian programming would be in the offing after the deal closes. (NERW)

OFF THE AIR

1020 CKVH High Prairie, AB

Signed off the air in early December, only one month into the authorized 3 month simulcast for flip to 93.5MHz

GRANTED AM TO FM CONVERSIONS

560 CHTK Prince Rupert, BC

Move to 99.1 with 160 watts (format will remain AC with a partial simulcast of CFTK 590 Terrace)

FACILITY APPLICATIONS

830 CKKY Wainwright, AB

Move to 1080kHz, increase night power from 3,500 watts to 9,000 watts (day power will remain 10,000 watts)

USA RADIO NEWS

CALL LETTER CHANGES

FREQ	OLD CALL	CITY	NEW CALL
680	WDRD	Newburg, KY	WHBE
850	WREF	Ridgefield, CT	WAXB
960	WERC	Birmingham, AL	WVVB
1030	new	Elk Grove, CA	KEGC
1070	WIWS	Beckley, WV	WBKW
1150	KLPM	Portland, OR	KXET
1190	WBIS	Annapolis, MD	WCRW
1240	KMZK	Billings, MT	KJCR
1290	new	Santa Clara, UT	KNFC
1340	KXSL	Wendell, ID	KTFI
1420	WVNG	Toccoa, GA	WLET
1480	WGCK	Neon, KY	WIZD
1550	new	Golden, CO	KGCO
1550	WDZK	Bloomfield, CT	WSDK
1570	WANR	Warren, OH	WHTX
1590	KCNN	East Grand Forks, MN	KGFK

SLOGAN/IMAGE CHANGE OR UPDATE

FREQ	CALL	CITY	SLOGAN UPDATE
760	KGU	Honolulu, HI	"Money Radio 760"
850	WAXB	Ridgefield, CT	"B107.3"
1150	KXET	Portland, OR	"Exitos 93.5"
1250	WKDL	Warrenton, VA	"730 The Truth"
1270	KRVT	Claremore, OK	"Que Buena"
1270	WYXC	Cartersville, GA	"News Talk AM 1270"
1380	KDXE	North Little Rock, AR	"La Que Buena"
1450	KWFM	Tucson, AZ	"Funny 1450"
1450	WLUX	Dunbar, WV	"The Catholic Voice 1450"
1570	KZLI	Catoosa, OK	"Que Buena"

FORMAT CHANGES

FREQ	CALL	CITY	OLD INFO	NEW INFO
540	WWCS	Canonsburg, PA	Silent	Spanish AC
590	KXSP	Omaha, NE	Sports - Fox	Sports - ESPN
700	WDMV	Walkersville, MD	Silent	Spanish AC
760	KGU	Honolulu, HI	Religion	Business Talk
890	WJTP	Lithia Springs, GA	Spanish	Ethnic (Chinese)
910	WPFB	Middletown, OH	Classic Country	Adult Alternative
940	WCIT	Lima, OH	Oldies	Talk
940	WGRP	Greenville, PA	Cont. Christian	Reported Silent
1030	WNOW	Mint Hill, NC	Spanish News - Talk	Spanish Sports ESPN
1150	KXET	Portland, OR	Spanish Religion	Spanish AC
1160	WCXI	Fenton, MI	Country	Oldies
1210	KQEQ	Fowler, CA	Ethnic	Spanish Religion
1230	WCMC	Wildwood, NJ	Nostalgia	Oldies //1340 WMID
1250	WKDL	Warrenton, VA	Religion	Talk // WTNT 730
1260	WPJF	Greenville, SC	Spanish Religion	Reported Silent
1270	KRVT	Claremore, OK	Oldies	Regional Mexican
1270	WYXC	Cartersville, GA	Silent	Talk
1310	KEIN	Great Falls, MT	Adult Standards	Reported Silent
1340	WMID	Atlantic City, NJ	Nostalgia	Oldies //1230 WCMC
1380	KDXE	North Little Rock, AR	Talk	Spanish AC
1400	WYKC	Grenada, MS	Talk	Reported Silent
1450	KVEN	Ventura, CA	Oldies	Sports - ESPN
1450	KWFM	Tucson, AZ	Oldies	Comedy
1450	WLUX	Dunbar, WV	new	EWTN Catholic

1460	WJAK	Jackson, TN	Black Gospel	Sports - FOX
1470	WFAR	Farrell, PA	Cont. Christian	Reported Silent
1490	KGFR	Malmstrom AFB, MT	NEW	Talk
1490	KIBL	Beeville, TX	SS Cont. Christian	Reported Silent
1570	KZLI	Catoosa, OK	Talk	Regional Mexican // KRVT
1570	WHTX	Warren, OH	Classic Hits	Standards
1620	KOZN	Bellevue, NE	Sports - ESPN	Sports - Fox
1680	KGED	Fresno, CA	Spanish Oldies	Ethnic

FACILITY AND PARAMETER APPLICATIONS / GRANTS

(A) = application, (G) = grant, (D) = Dismissed

610	WIP	Philadelphia, PA	CP dismissed to change their antenna designation from U3 to U4. WIP remains U3 5000/5000. (D)
610	WLVE	Winchester, VA	U2 380/500. (A)
630	WREY	St. Paul, MN	Licensed for U4 1000/2500, WREY has a CP for U4 2300/2300. They then applied for U4 1000/2500. This amendment requests U4 1000/2300. (A)
770	KJCB	Lafayette, LA	License cancelled; call deleted. (D)
770	WPNN	Pensacola, FL	Application to move to 770 with 50 KW is dismissed. Has a CP to move to 780 with 3 KW daytime (D)
790	KBRV	Soda Springs, ID	Licensed for U1 5000/29, KBRV applied for U7 50000/27 CH 50000 on 800 kHz which was dismissed, then applied for U1 10000/150 CH 10000, once again on 800. That application, too, was dismissed. (D)
810	KLVZ	Brighton, CO	Modify licence to 2.2 K / 420 DA-2; also has CP to raise Day power to 10 KW (G)
860	WTZX	Sparta, TN	U1 950/10, as they move to the WSMT-1050 tower using a 3-wire folded unipole skirt feed system. (G)
890	KXTV	Mabank, TX	Change to Daytime only dropping 250 watt nights. (G)
990	KTMS	Santa Barbara, CA	Licensed for U4 5000/500 utilizing two towers during the day and three at night. KTMS is operating on a Special Temporary Authorization (STA) with U4 5000/125 using the daytime directional parameters all hours as a result of wild fires damaging their south (#3) tower and cabling. (G)1010 KIQI CA San Francisco - CP granted for U4 35000/15000. The two patterns are unchanged in shape (balloon-shaped) and direction (south-southwest), but are understandably larger.
1030	new	Elk Grove, CA	New CP for 50 K / 10 K DA-2 (G)
1030	WGYV	Aurora, IN	D3 250/0, moving here from Greenville, Alabama. (G)
1040	WZNA	Moca, PR	Licence to cover for 9 K / 250 DA-2 (G)
1050	KLOH	Pipestone, MN	Application dismissed for U4 9380/410. KLOH remains U4 9380/432. (D)
1060	KFIL	Preston, MN	Modify licence to 1 K DAY NDA (G)
1060	WCOK	Sparta, NC	CP for 1.1 K from 800 NDA DAY (G)
1080	WTIC	Hartford, CT	Modify licence to 50 K / 50 K DA-N (G)
1110	WGNZ	Fairborn, OH	Licensed for D3 2500/0 CH 1700, WGNZ was granted a CP for D3 5000/0 CH 1700. This amendment requests U7 5000/2 CH 1700. (A)
1120	WKAJ	Little Falls, NY	Applies for U7 10000/400 CH 10000 changing the City-of-Licence (CoL) to Saint Johnsville. (A)
1150	WDEL	Wilmington, DE	Application to raise DAY power to 10kW is dismissed (D)

1150 WSNW Walhalla, SC Licensed for U1 1000/58 at Seneca, WSNW has a CP to move here with U1 370/58. This request is for U1 2500/58 at Walhalla. (A)

1170 WLEO Ponce, PR Licence to cover for 200 / 200 NDA (G)

1180 new Jacksonville, OR Having initially applied for U2 50000/4900, the applicant for this new station then applied for U2 50000/1300 which has been granted. The night pattern is a circular lobe headed to the west. The initial application has been deleted. (G) and (D)

1190 WIXE Monroe, NC U1 25000/85. (A)

1200 WGRK Jeffersontown, KY D1 2500/0 (ex: 1540 at Greensburg), using a three wire folded unipole antenna from an existing communications tower. (G)

1230 KBNH Burns, OR Move to 1210 kHz with U4 12000/600. (A)

1230 KKPC Pueblo, CO Licence to cover for 1 K / 1 K NDA (G)

1230 KLIC Richwood, LA Change COL from Monroe, LA 1K / 1K NDA (G)

1240 KGY Olympia, WA Licence to cover for 1 K / 1 K NDA (G)

1250 KOFC Fayetteville, NC Modify license to 920 / 45 NDA (G)

1250 WKDL Warrenton, VA Licensed for U4 5000/32, WKDL has a CP for U4 7900/125. This amendment requests U4 3000/125. (A)

1250 WLRT Nicholasville, KY Construction Permit deleted for U1 700/45. WLRT remains U1 500/59. (D)

1260 WWRC Washington, DC U4 20000/5000. (A)

1280 WMXB Tuscaloosa, AL Licensed for U2 5000/500, WMXB had a CP for U1 7000/25 with a CoL change to Eutaw dismissed. WMXB has now applied for U1 5000/35 remaining at Tuscaloosa. (A)

1290 WRRR Fredericksted, VI Licence cancelled; call deleted. (D)

1320 WJAS Pittsburgh, PA Minor change to 7 K / 3.3, raises daytime power from 5kW (G) - now on the air.

1340 KVGC Jackson, CA This new station, not yet on the air, has a CP for U1 270/1000 with an application for U1 440/210. This amendment requests U1 440/250. (A)

1340 new Bethel Heights, AR U1 1000/1000. (G)

1360 WMOB Mobile, AL Application dismissed for U4 9000/200. WMOB remains U4 5000/212. (D)

1370 WHYP Corry, PA Deleted station filing for Renewal of License and thus, reinstatement. (A)

1400 KRVZ Springerville, AZ CP dismissed for U1 10000/22 moving to 1370 kHz. KRVZ remains U1 1000/1000. (D)

1410 KCAL Redlands, CA Licensed for U4 5000/4000, KCAL received a CP for U4 4700/4000, then applied for U4 3000/2200 moving to Grand Terrace. The CP has been cancelled, leaving the application on the books.

1440 WKPR Kalamazoo, MI CP to move from 1420 with 2.7 K / 24 NDA. WDOV 1440 will cease operation and surrender their licence (G)

1450 KVSL Show Low, AZ Licensed for U1 1000/950, KVSL applied to move to 1470 kHz with U1 1100/80, but that action was denied by the FCC. Now, they have re-applied for 1470, this time with U1 5000/88 from a different tower location. (A)

1450 WLAY Muscle Shoals, AL Has petitioned the FCC for an extension of their STA to operate U1 1000/1000 from their STL tower, while they continue to look for a suitable replacement for their former tower. (A)

1450 WPSE Erie, PA Licensed for U1 1000/1000, WPSE applied for U1 1000/826. This request is for U1 1000/775. (A)

1460 KBRZ Missouri City, TX U5 10000/125. (A)

1460 new Shawano, WI U4 1000/620, sharing the two towers of co-owned WTCH-960. Both patterns are elliptical, headed to the northeast. (G)

1470 WVOL Berry Hill, TN Is operating at an unspecified power from one of its six towers after vandals damaged their

1490	KJNT	Jackson, WY	transmitting facilities. As of NRC's deadline 11 February, there has been no activity on the FCC website of their reporting such operation. This new station, not yet on the air, has a CP for U1 420/1000. This amendment is for U1 1000/1000. (A)
1490	WAZZ	Fayetteville, NC	License to cover for 1 K / 1 K (G)
1510	WLAC	Nashville, TN	Licence to cover for 50 K / 50 K DA-N (G)
1520	KHLT	Stockdale, TX	Licensed for D1 250/0 at Hallettsville, KHLT has a CP to re-locate here with D3 2500/0. Before construction of the new tower array was started, KHLT's current antenna site "was made unavailable" (words in the application). They are now operating under an STA with D1 200/0 CH 200 from a long wire at the Stockdale site until the 4 new towers can be erected.
1520	new	Fultondale, AL	U4 6000/250 from six towers (using all 6 day and night). The day pattern sends a major lobe to the south southwest with minor lobes to the north-northwest and east-southeast. (G)
1520	WSVX	Shelbyville, IN	Is operating with U1 250/62.5 after an ice storm took down one of their three towers. No get-well date was indicated in their filing.
1540	WGRK	Greensburg, KY	Licensed for D1 1000/0 CH 500, WGRK applied to move to Jeffersontown on 1200 kHz with D1 2500/0. This amendment requests D1 5000/0 at Jeffersontown on 1200. (A)
1550	new	Golden, CO	U2 5000/250 from two towers. The 'array' will consist of an existing 105' tower with an additional folded unipole added. The night pattern will be kidney-shaped with the lobes headed north-northeast and south-southwest with the null to the east-southeast. (G)
1550	new	Midland, TX	Application reinstated for U4 50000/300. (A)
1560	KGOW	Bellaire, TX	Applies for U4 43000/15000, a reduction in their daytime power from 50kW. (A)
1560	WCMA	Daleville, AL	Licence to cover CANCELLED Call deleted (D)
1590	KLRK	Mexia, TX	Licensed for U1 500/128, KLRK applied for U1 2500/72. This amendment requests U1 2500/65. (A)
1590	WABV	Abbeville, SC	Application to move to Whitney, Nevada (correct) with D3 14000/0. (D)

CONSTRUCTION PERMITS ON THE AIR

The following CPs are on the air:

720	WWWJ	Portsmouth, VA	U4 2200/1400 is on the air, moving the facility from Galax on 1360 kHz.
990	WISK	Lawrenceville, GA	CP to move here (ex: 1390 at Americus) is on the air with D1 1000/0 from the tower of WPLO-610 Grayson.
1040	WZNA	Moca, PR	U4 9000/250
1320	WJAS	Pittsburgh, PA	U4 7000/3300.
1440	WDXQ	Cochran, GA	U1 940/48, as they reduce their antenna from 310 feet to 190 feet.
1450	WLUX	Dunbar, WV	U1 1000/1000. [With "St. Paul Radio" and Catholic programming per wlux1450.com - NRC.]
1490	KGFR	Malmstrom AFB, MT	U1 1000/580

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.

Andrew

WORLD NEWS

(Europe, Asia, Africa)
with Ton Timmerman

H. Heijermanspln 10, 2024 JJ Haarlem, The Netherlands
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Hello friends, due to computer problems Steve took over last month, thanks, Steve! My computer is fixed again (new hard disk, happily in the warranty period) and here is my contribution for this month.

Algeria

The Polisario Front station at Rabouni, Algeria, is not to be found on 700 parallel to 6297.15 because... it's now on 702, co-ch. with R.Algerienne/R.Al-Aghwat, Al-Aghwat. I found them missing on 700 a few days ago, and got them on this new frequency yesterday, 25/2. QRM from ALG can be avoidable, all depending one's antenna, but the usually stronger Algerian signal may still be audible underneath even with an antenna beamed south. (*Carlos Gonçaves via DXLD*)

Egypt

The Egyptian state Radio and Television Union vowed on Saturday 'to present honest, competitive coverage' after it had stirred up controversy with its reporting about the mass anti-Mubarak demonstrations of the past few weeks. In a statement read on TV and radio stations, the union said it 'belongs to the people and serves them' and pledged to 'be only biased to the truth.' State-run media, especially television, were heavily criticised for their coverage of the country's protests, among others for accusing the anti-government demonstrators of being incited by foreign governments. However, a noticeable change in the language used in print and broadcast media in the past few days was seen as an apparent attempt by the government to regain the public's trust. (Steve Whitt)

France

I guess it had to happen one day. One of Medium Wave's most enjoyable music channels seems to have finally been silenced - just days away from what would have been its 40th anniversary! Broadcasting since 1971 with originally a 10kW transmitter (I believe) on 584kHz to Paris, FiP (pronounced "pheap") has been broadcasting an eclectic mix of music and traffic reports to Paris and - thanks to its low frequency - beyond. The transmissions used to be daytime only, which was fine because beyond this the signal here in the UK would be drowned by the ever-present transmissions from a powerful Spanish transmitter on the same frequency. However, the transmitter became 24 hours-a-day around 1997.

In recent years, the signal strength has dropped significantly, and over the past few months there has been evidence of a transmitter fault which affected the sound. Reading up on the Internet (with the help of "Google translate") it looks like the transmissions may well be off for good. Au Revoir FiP en Ondes Moyenne! (*Andrew Tett, British DX Club*)

Libya

Radio Free Tobruk is on the air - but what's the frequency?

Tucked away in a small back room beyond the clamour of the city, four Libyan journalists sit around microphones in a makeshift studio and freely discuss a whirlwind fortnight of change: Radio Free Tobruk is up and running. After four decades of having to hold its tongue, the media is starting to talk back, in the shape of this and other small radio stations springing up as more and more of the country slips from the grasp of Moamer Gaddafi's regime.

"With very simple equipment we are sending our voice out to the people of the city to explain what we are going to do in the future, because Kadhafi is finished," said Abdul Bliheg, a 29-year-old

former Libyan state TV employee who helps run the station. Staffed by keen volunteers, Radio Free Tobruk is one of a constellation of small radio stations springing up across northeastern Libya, spreading news of the insurrection as it edges ever closer to Kadhafi's lair in Tripoli. "Radio Free Tobruk is a young people's project. We are all doing it on a voluntary basis," he said after a frenetic week in which most of eastern Libya has fallen into the hands of a popular insurrection. Many government buildings were ransacked in the first days of the rebellion.

"It is we ourselves who brought the equipment to start broadcasting," Mr Bliheg said. The radio station, set up in the old Libyan state television headquarters in the city on a hill outside Tobruk, broadcasts round the clock and employs about 25 people, including 12 reporters. In the studio, the journalists discuss Gaddafi's latest speech with a foreign colleague invited for the occasion, while the sound technician moves dials on a console and transmits the programme with the help of two computers. The radio broadcasts cover an area stretching from the Egyptian border, about 130 kilometres (80 miles) to the east, to as far as Derna, 200 kilometres to the west, "said Bliheg. "Radio Free Tobruk is broadcasting from the border to Derna. From Derna to Al-Baida and Al-Marj, there is another radio. In Benghazi, another. We have daily contact with these people," he said.

"The streets are abuzz with chatter of what is happening in Tripoli, Benghazi or Zuara, thanks to the likes of Al-Jazeera, Al-Arabiya and the BBC, as satellite television helps to compensate for frequent disruptions to the Internet service. Radio Free Tobruk wants to reach every household in the city, where many poor neighborhoods are without access to such infrastructure," says Mr Bliheg. But he says he knows it will take time, after four decades of repression. "There are some problems, of course, because we have been 42 years without freedom, without a free press, knowing only Gaddafi. We will take one or two years to get stability in Libya. It's the price of freedom."

Andy Sennitt adds: As usual, there is no frequency information given in the story. Because of the large coverage area, I assume they are using the 300 kW mediumwave transmitter listed for Tobruk on 648 kHz. Unfortunately, in this part of the world all you can hear on 648 is the BBC World Service, which continues to use this frequency until the end of March. According to other reports, the on-air name of the station may be Radio Free Libya (in Arabic "Idhaat Libya al Hurra") as another report I have seen says that "Radio Free Libya" is scrawled in black marker on the front door. This is the name already reported for the Benghazi station on 675 kHz. (*Media Network weblog*).

Libya

As usual Monitoring Libya till late night around 01:00UTC on Fri night: The most important note was noticing that 1053 and 972 are no having the same programs (thanks for the tip of Mauno Ritola in Finland) it turned out to be that 1053 is having the audio of the Libyan Jamahirya TV, as the announcer was saying to all our viewers world-wide. According to the latest Info. I managed to get from Libya, Radio Misurata on FM-band freq. 88.8MHz and 88.9 MHz is ID'ing as Radio Libya al Hurra (Radio Free Libya), Radio Libya al Hurra on 675 kHz confirmed that piece of information this morning. On 1125 kHz around 18.20 started sending some coded messages they claimed it's for the Army of the liberated Libya the Army of 17th of february. Chris Greenway mentioned a youtube record of an English transmission by 1125, actually this is not the first time as I recorded an English message to Obama and H. Clinton on 20th of February. will try to upload all that stuff soon. More to come (*Tarek Zeidan DXLD*)

Swaziland

Clearer, Stronger Medium Wave from TWR

Tonight, when the sun goes down and you tune your radio into AM 1170 to hear TWR's broadcast, in Gauteng, say a prayer of thanksgiving to God for making such a feat possible! It is a miracle that

we have been able to replace our old medium wave transmitter with one which produces a clearer, stronger signal. The best part is that the costs are being covered by what we're saving in electricity!

This rebuilt transmitter was a prototype, which was never intended to be sold or used on the open market. It was originally given by its manufacturer, Harris, to HCJB Global, as payment for work done. There it sat, without being used and with no real future possibility of use. But God had His eye on it, for Kingdom use! At the request of Swaziland's Station Manager, Mark Blosser, HCJB Global agreed to give us the transmitter for a fraction of what it would cost to buy a new one. This would have been in vain however, if the HCJB Global Technology Center hadn't also allocated two of its engineers to refit the transmitter for use on our frequency of AM 1170. Furthermore, the input of the Harris engineer who built the transmitter was needed and when he heard that the transmitter would be used in Africa to reach people with the gospel, he got stuck right in. What was planned to be a simple three-month project, turned into a massive one-year undertaking.



The old Continental transmitter remains in Swaziland as a back-up. "It is of such an old vintage," Mark Blosser says, "that I'm told it could be the only transmitter of its kind still being used!" It is famously known as the "pirate transmitter." During the 1970's radio stations operated on ships out of the English Channel, illegally. When one of these ships entered into port, the transmitter was impounded, and then eventually sold to TWR. "Now maybe" Lauren Libby says, "...the 'pirate' transmitter can get a well-deserved rest." Indeed! The replacement transmitter reaches a distance of 80km during the day (called: ground wave) and up to 1600km after the sun sets in the countryside, and 500km in the city. The first broadcast took place at 18:30 on 1 February 2011 in Zulu, followed by English. We ask you to pray with us that they will continue for many years to come. Pray that the transmitter would prove to be robust and that the modifications made would endure. Don't forget to tune in and listen to the powerful radio programmes which God is using to transform Africa, one life at a time. (www.twrafrica.org/0344.asp)

Vatican

Italian court upholds fines on Vatican Radio for excess electromagnetic emissions

Italy's highest court has confirmed a judgment against Vatican Radio for violating legal standards governing the emission of electromagnetic radiation. The court upheld a decision requiring Vatican Radio to pay damages to the town of Cesano, located near the broadcaster's transmission facility outside Rome. However, the court also overturned a criminal conviction and 10-day suspended sentence that a lower court had imposed on Cardinal Roberto Tucci, the former chairman of the Vatican Radio board. The case against Vatican Radio became a hot political topic in 2001, when local authorities in the area of Santa Maria in Galeria, on the outskirts of Rome, charged that electromagnetic impulses from the main Vatican Radio broadcasting antenna there were causing an elevated incidence of leukemia in the neighborhood. Although authorities could not demonstrate any scientific link between the disease and the radio transmissions, prosecutors charged that Vatican Radio was exceeding the legal limits for electromagnetic emissions. In their defence against the charges, Vatican Radio officials also pointed out that the broadcast facility had been in line with European standards regarding electromagnetic emissions. At the time Italy had only recently adopted more stringent standards. After negotiations with the government and changes to the broadcast equipment, Vatican Radio announced later in 2001 that it was now fully compliant with the new Italian standards for emissions. (*Catholic Culture*)

THE HOME FRONT

[British & Irish News]
with Henk Stelte

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BBC News

BBC Radio Derby Opens its Doors to Celebrate 40 Years of Broadcasting. 18 February, 2011

BBC Radio Derby is 40 years old this year and as part of the celebrations to mark the occasion the station is opening its doors to the public on Saturday 7 and Sunday 8 May.

It is a rare opportunity to see behind the scenes of the BBC's headquarters in Derby and meet some of the presenters and other familiar voices that appear on-air.

As well as being the home of BBC Radio Derby, the studios contain the BBC East Midlands Today TV bureau for Derbyshire, the BBC Derby website and the Derby BBC Big Screen operation.

Visitors will have the opportunity to take a look around the on-air studios, the newsroom, see the equipment used to broadcast when the presenters are out and about and also how the programmes are put together.

There will also be the chance to get information about other parts of the BBC plus expert advice on the digital TV switchover which takes place for Derbyshire in August this year.

Simon Cornes, Editor, BBC Radio Derby says: "Thousands of people drive past our building every day – we know many of them hear our programmes, but very few will have seen how we do it. To mark this milestone in our history we thought it would be nice to put that right!"

BBC Radio Derby broadcasts across Derbyshire and East Staffordshire. It is also the current Sony Radio Academy Station of the Year.

Visitors can discover what it takes to run a radio station and hear a little bit of its history – including why it had to go on air early in 1971 from a temporary studio in Sutton Coldfield.

The timed tours (advance bookings only) take place between 10am and 5pm on Saturday 7 May and Sunday 8 May.

To reserve places please call 01332 361111 between 9am and 5pm. Places are free, limited to five per person, and are allocated on a first come first served basis.

BBC Radio Derby broadcasts on 104.5, 95.3, 96FM, 1116AM and online via the BBC iPlayer.
(*Steve Whitt, via mwcircle yg*)

BBC Radio Humberside Celebrate's 40th Anniversary **18 February, 2011**

BBC Radio Humberside Breakfast Show presenter Andy Comfort is getting on his bike to celebrate the station's 40th birthday.

Andy will be joined by colleagues Adam Barber and Stuart Deakin who plan to cycle about 40 miles a day over five days for charity.

BBC
HUMBERSIDE

The ride will start in Grimsby and end at Radio Humberside in Hull on the date of the birthday – Friday 25 February.

Managing editor Simon Pattern said: "The station has been at the heart of the community for the last 40 years and what better way to celebrate than by raising money for a hugely important charity within our community.

"We also have lots of special programming on air during the week of the birthday including a special documentary that tells the station's story through use of its extensive audio archive and interviews with former members of staff and the people who were at the heart of major stories in the station's patch during the four decades.

"We're also bringing back a team of past presenters (Gloria Johnson, Martin Plenderleith and Peter Adamson) to take on a team of the current staff in a light-hearted quiz looking back at the BBC Radio Humberside years." (<http://www.radiotoday.co.uk>)

BBC 5 Live wins Paralympics Games

14 February, 2011

BBC Radio 5 Live and 5 Live Sports Extra have won the rights to cover the 2012 London Paralympic Games. The stations were awarded the contract to the tournament by the London Organising Committee of the Olympic and Paralympic Games.



The stations will carry around 25 hours of programmes and news from the Games featuring the key moments and stories. Radio 5 Live Sports Extra will carry live commentary and analysis from the paralympic events.

Adrian Van Klaveren, Controller of Radio 5 Live, said: "There's unprecedented interest in the Paralympics taking place on home soil and we're delighted to be providing the radio coverage. We're committed to bringing our listeners all of the sporting stories, capturing the human drama and raising awareness of paralympic sport." (<http://www.radiotoday.co.uk>)

BBC World Service: The closure of 648 kHz medium wave

14 February, 2011

The BBC is ceasing its 648 kHz transmissions of World Service English language radio on 27 March, 2011. The service, which broadcasts throughout Europe, will still be available via satellite, cable tv and online.



In the UK it is available on dedicated channels across the whole of the UK on DAB, online and on all digital TV platforms. This is in addition to overnight transmissions of BBC World Service on Radio 4 frequencies.

On the World Service website, the BBC said: "We have had to make some difficult decisions about the distribution of BBC World Service radio around the world, as a result of the Spending Review settlement that BBC World Service received at the end of 2010.

"Closure of the 648 kHz service continues the process of withdrawing from direct broadcasts to Europe in response to a declining number of direct listeners."

BBC: Audience rise for 5 Live

3 February, 2011

BBC Radio 5 Live has recorded its biggest ever audience in Q4/10, reaching more than 7million listeners for the first time. It was another good quarter for the BBC networks, with annual growth at every single one of the corporation's national analogue and digital services.

5 Live - the 2010 Sony-winning UK Station of the Year - saw its reach grow from 6.11m twelve months ago, to 7.09m in the period to 19th December. Its share of the UK radio audience is up to 5.3 percent from 4.5 last year and 4.7 last quarter. 5 Live Breakfast added more than 600,000 listeners over the year to post a reach of 3.17m. Digital service 5 Live Sports Extra put on more than 100,000 listeners this quarter too.

BBC Radio's combined reach is now 34.51m - giving it a share of 55 percent of the UK population again after a slight dip in share last quarter.

Radio 1's new audience total of 11.42m is down on the quarter but up on the year, although its share has dropped to 8.8 percent. The Chris Moyles Show is still gaining new listeners though - it now has 7.45m a week compared with 7.1m last quarter and 7.24m twelve months ago.

At Radio 2, it's another massive reach of 13.94m. Not quite as big as the peak of Q1/10 when it hit 14.5m - but still up on last quarter's 13.68m and the 13.47m it had in the last quarter of 2009. Chris Evans is up on both the quarter and the year - at 8.72m for breakfast.

Radio 3 built on its strong performance following the most successful ever BBC Proms, attracting a weekly audience of 2.22 million listeners – up from last year's 1.87m and last quarter's 2.15m. The network's share is 1.2 percent - up from 1.1 last year and level with last quarter.

And Radio 4 is down on the quarter but up on the year - to a reach of 10.32m weekly. The Today programme drew 6.63 million listeners per week over this reporting period – up from 6.41m last year and 6.51m last quarter.

Tim Davie, Director BBC Audio & Music, said: "These figures show that listeners' appetite for distinctive, high quality radio is as great as ever. They also mark a milestone for digital radio, with a quarter of all listening now taking place through a digital device. I'm delighted at Radio 5 live's success – a tribute to its unparalleled commitment to high quality coverage of news and sport – while Radio 3's sustained performance following the BBC Proms is also worth singling out for praise."

In terms of digital-only services, 1Xtra has added almost 300,000 listeners in a year and is now at 816,000. BBC 6 Music dipped slightly but stayed above a million listeners, while Radio 7 continues to hover around the 1m mark - this time dropping to 941,000. The Asian Network's weekly reach of 477,000 is up from 360k last year and 462k last quarter.(www.radiotoday.co.uk)

BBC Radio 7 to become 4 Extra

8 February, 2011

The BBC Trust has approved a move to rebrand Radio 7 as Radio 4 Extra and also agreed to plans to create a permanent on-demand archive of Radio 3 and Radio 4 programmes. In addition, as part of the review of Radios 3, 4 and 7, the Trust has given the go-ahead to a new strategy for audio content aimed at children and families on the new Radio 4 Extra.



The BBC Trust concluded that, 'all three stations are high quality and offer truly distinctive public service broadcasting. Their challenge is to gradually extend their core appeal without jeopardising their distinctiveness.'

The report added: "Radio 4 should aim to broaden its appeal amongst different demographic groups, such as those outside of London and the South East. As part of the review, the Trust has approved the BBC Executive's proposal to reposition Radio 7 as Radio 4 Extra in order to raise awareness, bring more listeners to the station and promote DAB radio."

4 Extra will have more comedy and drama programming, and the terms of its service licence with the Trust will put a restriction on the number of hours of Radio 4 catch-up programmes that are offered.

Today's report also finds that children's programming on Radio 7 hasn't served audiences well, so the Trust supports the BBC's new children's audio strategy. This includes plans to reduce the overall number of hours of dedicated kids' programming from 1400 to 350 a year. The Beeb will

instead create of CBeebies pre-school audio available for download from the CBeebies website, and release children's radio content for third parties to broadcast.

Not everyone is happy about the Trust's report today. RadioCentre - which represents commercial radio in the UK, says it will be seeking a meeting with the BBC Trust as soon as possible. Chief Executive Andrew Harrison told us: "The BBC Trust's call for Radios 3 and 4 to extend their appeal, whilst retaining their distinctiveness, is a contradiction in terms. It's like asking a station to become more popular and less popular at the same time. Radio 3 and Radio 4 should be proud of their unique character and do all they can to retain it."

He added: "The re-brand of Radio 7 as Radio 4 Extra may well prove to be an important step in the radio industry's drive to digital. However, by not following due process, the BBC Trust has undermined its own governance framework. We therefore call for an open and transparent consultation, in order to understand the nature and impact of these proposals."

(<http://www.radiotoday.co.uk>)

New station plans to take over 648 kHz from BBC WS

26 January, 2011

Paul Rusling has just posted the following announcement on the [Garry Stevens Message Board](#):

"It's likely some of you will start seeing mentions of a new radio station, using the project working title UK International (but it may well become called England International or even London International by launch time) and I just wanted to suppress some of the rumours before it gets discussed too widely in sensational terms. "Our plan is to use 500 kilowatts on 648 kHz - now the BBC have confirmed they will stop using the frequency in 2 months time.

"The station will be owned by a group of UK and Dutch media folk and have a broad appeal, particularly to car drivers, and be a shop window for various products and services. It will be presented in the style of Top 40 radio, as we believe that is what will appeal to our target listeners.

"We have put in an offer to lease the facility at Orfordness, our preferred site, but if huge bureaucratic delays and problems are encountered we have a second site available. "That's all I shall say about it for the time being; hopefully it will avoid silly speculation."

Commercial Radio News

Manx to run Games Station

28 January, 2011



Isle of Man-based Manx Radio is to run a dedicated separate station to cover the 2011 Commonwealth Youth Games <http://www.cyg2011.com/>. Games Station will broadcast on 1368AM for the week-long event later this year 7th-13th September 2011.

The Games Station will be live on-air throughout the whole games in September, providing up to the minute coverage of all the sports and will also be covering the opening and closing ceremonies. Manx have a dedicated team of reporters and commentators lined up to cover all the action from each of the sports with hosts, Tim Glover, Chris Kinley and John Hines based at 'Games Central' – a state of the art studio and control centre at the National Sports Centre.

Another Gold licence returned

2 February, 2011

Global Radio has turned off the medium wave transmitter for Gold in Crawley and handed back the licence to Ofcom. The 1521 AM frequency, previously home to Radio Mercury and County Sound, had 11,000 listeners according to the latest available RAJAR results.

It is not known why Global Radio has given up the transmitter, which broadcast a networked Gold feed from London. Cessation of the service was confirmed with a message on its [website](#): "From

1st February 2011 you will need to retune your radio to 1548 AM or 1323 AM to continue to hear The Greatest Hits of all Time on Gold."

1548kHz is the main London transmitter and 1323 being Gold Sussex. Ofcom, in its monthly broadcast update, confirmed the news but didn't specify why. RadioToday.co.uk is currently waiting for a comment from the press office.

In August 2008, previous owners GCap Media had to close the AM transmitters of (Classic) Gold in Exeter and Torbay to comply with Ofcom ownership regulations. (<http://www.radiotoday.co.uk>)

Absolute Radio good end to 2010

3 February , 2011

Absolute Radio has seen a dip in audience levels mainly due to losses in the London marketplace. However, the entire network of stations ended 2010 up 33 per cent in reach and 27 per cent in listening hours, year-on-year, and is on schedule with its long-term strategy.

The station said: "Absolute Radio experienced reported audience losses of 17% this quarter and 8% year on year attributed almost totally to the important but highly competitive London Market . We continue to work with RAJAR to reduce this volatility which has also affected other leading commercial brands this quarter."

Absolute 80s is doing well on Digital One - now with 665,000 listeners - whilst 90s and Classic Rock also post an increase.

"The Absolute Radio Network had a strong end to 2010. Our brand strategy is one of long-term growth and we have continued to drive this with the recent launch of Absolute Radio 00s. Looking ahead, we are investing heavily in Q1 with a national 'Faces for Radio' and an Apple iAd marketing campaign." said Clive Dickens, Chief Operating Officer.

65.2 per cent of all Absolute listening is digital, compared with 25 per cent for radio overall. (www.radiotoday.co.uk)

UK's Absolute Radio considering switch off MW

8 February , 2011

The UK pop & rock station Absolute Radio is reported to be considering switching off its network of mediumwave transmitters on 1215 kHz + low power relays on 1197, 1233, 1242 and 1260 kHz. Soon the station will hear what a new licence for the use of those channels will cost, but according to Media Week Absolute Radio is thinking seriously stopping its AM broadcasts. The radio station will neither confirm nor deny the rumours.



In January of this year the two other national commercial stations in the UK, Classic FM and Talk Sport, heard what they will have to pay in the coming years to use their frequencies. Since both stations are also nationally available via Digital Audio Broadcasting (DAB), these costs have been greatly reduced by media regulator Ofcom. Both will pay only 12,000 euros per year in the future. Classic FM currently pays annually about 60,000 euros and 6% of its turnover. Talk Sport pays about 119,000 euros per year, but does not have to surrender a percentage of its sales .

According to Media Week Absolute Radio has asked Ofcom for even further reductions to its medium wave licence fee than for Classic FM and Talk Sport. The pop & rock station argues that it has fewer listeners than the other two stations, and that a far lower proportion of those listeners are tuning in the AM frequency.

Recent research shows that Absolute Radio reaches almost 1.4 million listeners per week, while Talk Sport reaches three million listeners per week and Classic FM more than five million. According to Absolute Radio, 20% of its total listening hours are on medium wave. Most listeners

to listen to the station on DAB, Internet, satellite, digital cable or 105.8 FM in the London area. By comparison, more than 80% of listening to Talk Sport is on medium wave.

Should Ofcom not sufficiently lower the licence fee, Absolute Radio is said to be considering closing down its medium wave service.

But Ofcom's licence fee is not the only factor in the decision by Absolute Radio. There will also be negotiations with station operator Arqiva on costs for running the transmitter sites. Absolute Radio is currently paying millions of pounds a year for the running of its approximately 30 medium wave stations.

Absolute Radio could decide to stop using medium wave and return the licence to Ofcom, but the big question is what Ofcom will do with the medium wave frequencies. Recent research by the media regulator found that there would be a virtually zero chance that new players want to broadcast on medium wave. Yet British radio is suffering from falling advertising revenues, and the migration from analogue to digital radio does not make things easy for any newcomers.

It is also virtually impossible for new parties to make a profit in the first year, because a station must first obtain sufficient listeners before it can sell enough advertising.

RSL & LPAM News

The following clubs' broadcast their home games as follows:

Football Club	Station	March fixtures	April fixtures
Crystal Palace	Palace Radio 1278 kHz	4 Cardiff* 8 Colchester 15 Barnsley 29 Blackpool	12 Scunthorpe
Blackburn	Radio Rovers 1404 kHz	8 Fulham 22 Wigan	5 Tottenham 19 Manchester Utd

* Evening game

Garrison starts 10th station

22 February, 2011

Army broadcaster Garrison Radio has launched a service in Woodbridge, Suffolk - meaning it now reaches 10 different bases in the UK.



The medium wave transmitter was turned on as the service marked its 10th anniversary of providing radio for the armed forces in Britain.

Woodbridge is home to 23 Engineer Regiment. Commanding Officer rear party, Lieutenant Colonel Peter Brown, performed the official radio switch on as well as opening the new facility and said about Woodbridge: "You can't get a better location in Britain as far as we're concerned here; the wildlife, the countryside is absolutely super and I think the soldiers love it. The whole camp's a new-build, we've only been here since 2006 so everything is new. The building we're in at the moment has been constructed by the soldiers themselves as a project as part of our pre-deployment training. This was a derelict building before and I think you can agree it's a tremendous facility. Everything here is modern and new, a nice barracks to be in."

Garrison FM Managing Director Mark Page says using existing resources is the key. "We have been looking at ways of extending the service and looking at maximising what we resources we have available. Woodbridge will be served by the existing Colchester station and will also broadcast on 1287 AM with nearby Wattisham station."

Mark added: "I am also pleased that Garrison Radio is now in ten locations in its tenth year of broadcasting. Combined with some excellent listening figures, in what has become an increasingly busy marketplace, Garrison Radio is able to super-serve today's Army family with FM and AM still at the core, with increasing demand for the successful digital outlets such as online listening and smart phone apps."

Radio Burst planned

23 February 2011

Children at Whalley CE Primary School are preparing for the launch of their own radio station. Radio Burst, a name chosen by the children, at a party on Friday, March 11th. The project is being funded by Friends of Whalley School. {No information available about frequency at time of writing – Steve Whitt} <http://www.clitheroeadvertiser.co.uk>

Garrison FM returns to Wattisham

29 January 2011

Several weeks ago I reported hearing an on/off carrier here in Ipswich. It finally looks as though it has been fixed Garrison FM (Wattisham) has returned to 1287 kHz after an extended break. *Chris McCarthy via mwcircle yg*

Gurkha Radio returns to Catterick

7th February 2011

After intermittent and blank carriers noted since 2010 Gurkha radio is back on air with some stability on 1134kHz. *Steve Whitt via mwcircle yg*

BFBS contract to be awarded by competitive tender

The British Forces Broadcasting Service is to be put out to tender to competitive bidders, The Guardian has learned. The decision, part of attempts by the Ministry of Defence (MoD) to make savings, has raised concerns that large military contractors with no experience of objective news reporting or radio and television production could bid to run the service as a money-making scheme. Critics of the decision expressed concern that the values and ethos of the station would be lost.

Contractors thought to be interested in bidding include Babcock, Serco and BT. The MoD, after lengthy internal debate, is due to publish a statement of its broadcasting requirements soon, say BFBS sources, opening up its services to external suppliers for the first time since it began in 1943.

The MoD said that the service would be put out to tender shortly, with the successful bidder taking over in 2013.

Further cuts are expected in an already reduced budget, currently about £20m a year. In effect BFBS, which employs a 30-strong independent news team, faces dismemberment, taken over in some places by local garrison radios.

A charitable trust, the Services Sound & Vision Corporation, currently receives the funds from the government and the money is then used by BFBS. Any surplus is used for events such as live concerts or reinvested in charities helping armed forces personnel.

<http://www.guardian.co.uk/uk/2011/feb/25/fears-objectivity-british-forces-contract>

IRISH NEWS

Radio Ulster remains Northern Ireland's most listened to radio station **03 February, 2011**

BBC Radio Ulster remains the No. 1 listened to radio station in Northern Ireland with an average weekly audience of 524,000 listeners tuning in each week – according to the latest RAJAR (Radio Joint Audience Research Ltd) figures for Quarter 4, 2010.

These latest RAJAR figures show an increase of 26,000 listeners year on year (with 498,000 listeners in Quarter 4, 2009) and an increase of 17,000 listeners to the station quarter on quarter (with 507,000 listeners in Quarter 3, 2010). (<http://www.bbc.co.uk>)

Irish logs

1) Atlantic Radio on 1251kHz from Western Ireland (!) Here's my video-ed reception :

<http://www.youtube.com/watch?v=3jwvAXkJExE>

2) Zenith Classic Rock, Eastern Ireland on 1584 kHz STEREO (!) Here's my video-ed reception:

<http://www.youtube.com/watch?v=1rPqBmmlOgc>

Zenith transmits Fridays 00.01 UTC to Sundays 23.59 UTC and its licence expires in a few weeks, website with streams:

www.zenithclassicrock.com

Much more consistent RX of Irish stations in my location (Dorset, UK) though: Tyrone Community Radio

(1512 k/c), Radio Star (981 k/c) and Radio North (846 k/c) *Tim (MOSVA)*



Next month John Williams will be back, so you can send all information/news to his address. The closing date for the next issue is 30th March for April 2011.

73's Henk.

EUROLOG

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with John Williams

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kHz	Station, location; details heard etc	SIO	UTC	Date	Who
567	RAI Radio 1, various, S/off Nat. Anth.	333	2258	27/ 1	FW
567	România Actualitati, various, ID, News	333	2300	27/ 1	FW
576	SWR Cont. Ra, BW, Mühlacker, Report	444	2250	28/ 1	FW
585	Radio Nacional, Majadahonda (Madrid), ID, News	444	2300	29/ 1	FW
585	BBC Radio Scotland, Dumfries , Music	222	2315	29/ 1	FW
594	Rádio Sim (R.Renascença group), Muge , ID, News	333	0200	1/ 2	FW
603	France Info, Tramoyes (Lyon, ID, News	444	0200	2/ 2	FW
603	România Actualitati, various , News, ID	222	0205	2/ 2	FW
612	Radio Nacional, various, Football	333	2250	2/ 2	FW
621	RTBFi, Waver-Overijse, News S/off	444	2300	3/ 2	FW
621	Radio Rossii, various, Talk	222	2320	3/ 2	FW
621	Radio Nacional, various, Talk	333	2325	3/ 2	FW
630	NRK 1/NRK 2/NRK Møre og Romsdal, Vigra, Music Px	444	0210	8/ 2	FW
639	Radio Nacional, various, ID, News	444	0200	9/ 2	FW
648	BBC World Service, Orfordness, Id, News	444	2300	10/ 2	FW
648	Radio Murski Val, Nemcavci , Folk Music	222	2315	10/ 2	FW
657	Radio Nacional 5, Majadahonda, ID, News	333	2300	12/ 2	FW
657	Rai Radio 1, various , News	333	2310	12/ 2	FW
666	SER Radio Barcelona, Sant Boi de Llobregat, ID, News	333	2300	13/ 2	FW

kHz	Station, location; details heard etc	SIO	UTC	Date	Who
675	Radio Maria, Lopik, Choral	444	2250	14/ 2	FW
684	Radio Nacional, Dos Hermanas (Sevilla), ID, News	433	2300	15/ 2	FW
693	BBC Radio 5 Live, various , CL Arsenal - Barca live	333	2009	16/ 2	FW
693	Voice of Russia, Henningsdorf, ID	444	2300	16/ 2	FW
702	NDR Info, Flensburg, Night Club	444	0200	18/ 2	FW
1386	Carillon Radio, Loughborough. Audible in Radio JCom silence	Weak	1021	12/2	SW
1386	R Jcom, Leeds, airs a looped message "We will resume broadcasts after the conclusion of Sabbath" every Sabbath	Fair	1021	12/2	Sw
1395	UNID relay of ABC Queensland live emergency coverage of flood disaster. Tx likely to be in Northern Ireland or just over boarder in Irish Republic. Reported by many Circle members on the yahoo group	Good	1569	2/2	SW
1440	China Radio International, Marnaci, ID, News	444	2300	17/ 2	FW
1449	Rai Radio 1, various, Talk	222	0150	17/ 2	FW
1449	BBC Radio 4, Redmoss, ID, News,	333	0200	17/ 2	FW
1458	Sunrise Radio, Brookmans Park, ID, News	444	0200	16/ 2	FW
1476	Euskadi Irratia, Biribilondo, ID, News	333	0200	14/ 2	FW
1485	SER Radio various, ID, News	333	0200	13/ 2	FW
1494	France Info, various , ID, News	333	0200	11/ 2	FW
1494	France Bleu, Bastia , Music Px	444	0205	11/ 2	FW
1503	BBC Radio Stoke, Stoke-on-Trent, News 5Live	333	2300	8/ 2	FW
1503	Radio Nacional 5, various, Talk	222	2310	8/ 2	FW
1512	NET (1st px)/ERA 2/ERA SPORT, Chania, News	333	2300	7/ 2	FW
1521	SER Radio Castellón, Ctra Valencia, News	333	0605	4/ 2	FW
1521	Flame Radio, Wirral; LPAM heard for first time since Gold had left the channel. Christian format and jingle "1-5-2-1"	Weak	0930	3/2	SW
1530	Pulse 2, Huddersfield, ID, News	333	0300	30/ 1	FW
1530	România Actualități, various, Nat. Anth., ID, News	333	0200	3/ 2	FW
1539	SER Radio various, ID, News	333	2300	1/ 2	FW
1548	Gold, Saffron Green, ID, Music, Infos	444	2300	31/ 1	FW
1557	France Info, Nice-Fontbonne, News	444	0200	29/ 1	FW
1566	County Sound, Peasmarsh (Guildford), Music	433	0200	28/ 1	FW
1566	BBC Bristol & Somerset Sound, Taunton, Px 5Live	322	0210	28/ 1	FW
1575	Rai Radio 1, various, ID, News	433	0200	27/ 1	FW
1575	SER Radio various, Talk	222	0210	27/ 1	FW
1584	Rai Radio 1, Terni , ID RAI Uno", News	333	0200	26/ 1	FW
1584	BBC Radio Nottingham, Clipstone, Px 5Live	222	0210	26/ 1	FW
1584	BBC Hereford & Worcester; "hwguide" excellent signal unusually dominant during auroral conditions over BBC Nottingham. No sign of Scotland at all (usually present) when beaming NE.	Exc	0944	5/2	SW
1602	Euskadi Irratia R. Vitoria, ID, News	333	0200	24/ 1	FW
1602	BBC Radio Kent, Rusthall, News 5Live	222	0203	24/ 1	FW

Many thanks to:

FW Friedhelm Wittlieb, Grundig Satellite 700, Martens-Fram Dortmund Germany
 SW Steve Whitt, High Catton, York

The closing date for the next issue is 24 March, 2010 73's Herman Boel

DX LOGGINGS

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

kHz	Callsign	Station, location; details heard etc	SIO	UTC	Date	Who
531		Alger Chaîne 1, Algeria; ID, news	444	2300	23/1	FW
540		Main Arabic Programme, Sulaiyah, Kuwait; music	222	0215	25/1	FW
540	CBT	Grand Falls NL; // 750 CBC dominant	G	0053	3/2	SW
570.06		KNR Nuuk, Greenland; light mx & Greenlandic talk px; no ID	W	1830	29/12	Rha
580	CFRA	Ottawa ON; news	322	0522	23/1	MDe
580	CFRA	Ottawa ON; news talk radio	322	0119	4/2	MDe
590	VOCM	St John's NL; VOCM info & 20-20 weather, C&W mx/songs	W/Fpks	0534	27/12	Rha
590	VOCM	St John's NL; songs and ID	332	0210	23/1	MDe
590.01	VOCM	St John's NL; VOCM programme trailer & ad spots, "VOCM" ID; continued with C&W music	W/F	0424	12/2	Rha
590	CJCL	Toronto ON; "Sportsnet radio, The Fan 5-90"; personal first	W/F	0800	28/1	PC
594		RTM 1 & 2, Oujda, Morocco; music	222	0210	1/2	FW
594		AIR Chinsurah, India; local Indian talk	W/F	1418	30/12	Rha
630		RTT, Tunis-Djedeida, Tunisia; news	222	0200	8/2	FW
660	WFAN	New York NY; sport	332	0114	4/2	MDe
670	CMBA	Rebelde, Arroyo Arenas; Cuban news in SS	332	0455	7/2	MDe
660	WFAN	New York NY; psa for flu jabs; ID "WFAN New York"; rare here because of local BBC York on 666kHz	Fair	0111	4/2	SW
680	WRKO	Boston MA; ABC Boston news	332	0419	3/2	MDe
680	WAPA	San Juan PR; ID in SS as "WAPA Puerto Rico" followed with e-mail address	222	0250	9/2	MDe
700	WLW	Cincinnati OH; Fox News	332	0347	4/2	MDe
700	HCRS2	Radio Sucre, Guayaquil; "Radio Sucre 700 AM" announcements & lively SS pops	W	0711	9/2	BD
702		VOIRI Rasht, Iran; talk	222	0211	18/2	FW
702		BSKSA Duba, Saudi Arabia; Qu'ran	222	0220	18/2	FW
710	CKVO	Carbonear NL; VOCM 20:20 weather	W	0706	17/2	SW
730	CKAC	Montréal QC; French news	332	0248	21/1	MDe
740	CHCM	Marystown NL; VOCM network	332	0241	21/1	MDe
740	ZYH446	R Soc da Bahia, Salvador; PP talks by male	222	2345	26/1	MDe
740	ZYH446	Rádio Sociedade da Bahia, Salvador; PP sports & ID	W	0103	27/1	BD
760	WJR	Detroit MI; news	322	0234	21/1	MDe
760	ZYH588	R Uirapuru, Fortaleza; "7-60 kiloHertz AM, Rádio Uirapuru de Fortaleza"	W/F	2200	7/2	PC
780	WBBM	Chicago IL; "News Radio 7-80 WBBM AM and HD Chicago" & CBS News	W	0259	1/2	BD
780	WBBM	Chicago IL; news reports, "News Radio 7-80 WBBM"	Fpks	0800	18/2	mah
780	XEMTS	R Fórmula, Tampico; SS ID "... frecuencia 970 AM Radio Fórmula. Desde la ciudad de México para todo el país y los Estados Unidos XERFR Radio Fórmula ..."	Fpks	0758	18/2	mah
790	CFNW	Port au Choix NL; CFCB news updates	W/F	0524	8/1	Rha
790	CMAQ	Radio Reloj, Pinar Del Rio; SS rolling news over ticking clock	W/F	0301	27/1	BD

kHz	Call sign	Station, location; details heard etc	SIO	UTC	Date	Who
800	VOWR	St John's NL; "You're listening to radio station VOWR" & local notice board	W/F	0259	11/2	BD
800	PJB	TWR Bonaire; "Radio Transmundial" & soft contemporary SS Christian songs	F	0601	30/1	BD
810	CJVA	Caraquet NB; clear FF ID "CJVA huit cent dix"; under R Scotland	F	0758	18/2	mah
820		TBN, Basseterre, St Kitts; "This is the Trinity Broadcasting Network"	W/F	2300	20/2	PC
830	WCCO	Minneapolis MN; "... for the Twin Cities of the Upper Midwest. News radio 8-30 WCCO, WCCO HD, Minneapolis Saint Paul"	W/F	0800	28/1	PC
840	WHAS	Louisville KY; "News Radio 84 WHAS Louisville" & Fox News	W/F	0700	11/2	BD
850	WEEI	Boston MA; sport football	332	0441	3/2	MDe
860	ZYJ459	Rádio CBN, Rio de Janeiro; PP news, talk & info format & "CBN"	W/F	0301	27/1	BD
890	WLS	Chicago IL (presumed); briefly with "8-90 AM"	P	0806	28/1	SW
890	WLS	Chicago IL; "WLS Chicago" jingle & ABC News	W/F	0300	1/2	BD
890	WLS	Chicago IL; sung "WLS Chicago weather" "8-90 AM WLS"	Fpks	0805	18/2	mah
900	CMKP	R Progreso, Cacocum; "La onda de la alegría. Transmitiendo desde La Habana, Cuba"	F	0800	2/2	PC
900	XE--	W Radio, 2 sites listed; SS ID, TC "W Radio, servicios informativos a la hora" and "dos de la mañana en punto, tiempo del centro de México"	F	0800	18/1	mah
917		Radio Gotel, Yola, Nigeria; female talks, local music; personal first	232	2112	7/2	MvA
920	CFRY	Portage La Prairie MB; country music and ID	322	0236	3/2	MDe
930.01	WBEN	Buffalo NY; US talk, "WBEN" anns in splatter	W	0743	28/12	Rha
930	WBEN	Buffalo NY; Buffalo talk show	322	0352	22/1	MDe
930	WBEN	Buffalo NY; wx, ID "News Radio 9-30 WBEN"	Fpks	0806	18/2	mah
930	WBEN	Buffalo NY; sports show discussing Buffalo Sabres	Fair	0100	4/2	SW
930	CFBC	Saint John NB; pop music	332	0354	22/1	MDe
930	CFBC	Saint John NB; "Oldies Radio, Oldies 93 CFBC"	F	0055	4/2	SW
930	CJYQ	St John's NL; OM with "This is Newfoundland and Labrador" & traditional NL country	W	0302	17/2	BD
940	XEQ	Bésame, México DF; light songs, SS ID "XEQ 9-40"; off-channel – actual 939.882 kHz	Fpks	0759	18/1	mah
950	CKNB	Campbellton NB; ID "CKNB 9-50"	332	0225	3/2	MDe
960	WSBT	South Bend IN; "News Radio 9-60 WSBT" noted in the mix	W	0759	18/1	mah
960	KMA	Shenandoah IA; "Thanks for listening to KMA 9-60 Shenandoah and KMA FM 99.1 Clarinda, Shenandoah"	W/F	0800	28/1	PC
970	WZAN	Portland ME; talks	332	0335	18/1	MDe
970	WZAN	Portland ME; legal ID then CBS news	P	0100	30/1	SW
980	HJES	RCI Cali; SS songs and news about Colombia	322	0239	28/1	MDe
1000	WMVP	Chicago IL; sport, "espn.com"	332	0350	22/1	MDe
1000	WMVP	Chicago IL; ESPN sports news	W/F	0301	1/2	BD
1000	WMVP	Chicago IL; ESPN Radio, "WMVP AM Chicago"	F/G	0800	18/2	mah
1010	CFRB	Toronto ON; weather info on CFRB	443	0340	18/1	MDe

kHz	Callsign	Station, location; details heard etc	SIO	UTC	Date	Who
1026		IRIB Regional, Tabriz, Iran; Farsi radio play (live), and in between break with oriental mx playing	F/G	1835	16/2	Rha
1030	WBZ	Boston MA; news talk	322	0301	21/1	MDe
1050	WEPN	New York NY; ESPN sport	332	0229	4/2	MDe
1050	WEPN	New York NY (presumed) phone talk discussion about personal Exc trainers & sports health		0817	31/1	SW
1060	WQOM	Natick MA; about the nine (? – mah) commandments	332	0346	22/1	MDe
1060	WQOM	Natick MA; OM/YL “You’re listening to the station of the cross ... WQOM Natick Boston” & EWTN radio news	W	0300	11/2	BD
1060	CMDL	Radio 26, Matanzas; very weak “Esta es R 26 desde Matanzas”	W	0701	16/2	AB
1070	LR1	El Mundo, Buenos Aires; El Mundo ID	332	0116	23/1	MDe
1070	HJAH	Emisora Atlántico, Barranquilla; familiar sung “Emisora Atlántico” jingle	W	0701	16/2	AB
1070	HJCG	R Santa Fé de Bogotá; ID as “Radio Santa Fé Bogotá La Grande de discoteca”	322	0110	23/1	MDe
1070	HJCG	Radio Santa Fé, Bogotá; MOR SS pops & “Radio Santa Fé”	W	0158	27/1	BD
1070	HJCG	R Santa Fé, Bogotá; “Radio Santa F, 1070 kiloHertz”	W	0201	20/2	PC
1071		IRIB R Ma`aref, Qom, Iran; Farsi local news px	F/G	1823	16/2	Rha
1071		Radio Al-Nour, Tartus, Syria; AA male news	343	2159	14/2	MvA
1100	WTAM	Cleveland OH; ID "newsradio 11 hundred", news updates	W/F	0608	27/12	Rha
1100	WTAM	Cleveland OH; talk show news	322	0504	3/2	MDe
1100	ZYK694	Rádio Globo, São Paulo; PP sports with several “Globo's	W/F	0158	27/1	BD
1130	KWKH	Shreveport LA; Midnight Truckin' Network. “AM 11-30 KWKH Shreveport”	W	0800	28/1	PC
1130	KFAN	Minneapolis MN; “This is AM 11-30 KFAN Minneapolis Saint Fpks Paul ...”; xf WBBR		0900	27/1	mah
1130	KFAN	Minnesota MN; “This is the flagship station of Minnesota Vikings football” Fox Sports.	F	0800	29/1	PC
1130	WBBR	New York NY; Bloomberg	333	0215	13/2	MDe
1130	WBBR	New York NY; Bloomberg business talk; also W/F 0745 28/12	W/F	0533	20/2	Rha
1130	ZYJ460	R Nacional, Rio de Janeiro; PP nx, "R Nacional" ID	W/F	0538	20/2	Rha
1140	WQBA	Miami FL; SS talks and ID	322	0420	31/1	MDe
1140	WQBA	Miami FL (pres); Spanish programming many refs to Miami	G	0051	4/2	SW
1140	CHRB	High River AB; C&W music/songs	W	0612	8/1	Rha
1150	WHBY	Kimberly WI; “News Talk 11-50 WHBY Kimberly Appleton Fox Cities” and CBS News	G	0900	27/1	mah
1170	HJNW	Caracol Cartagena; SS anns, “Caracol Radio” IDs	Fpks	0759	18/1	mah
1180	CMBA	R Rebelde, 2 sites listed; music programme // 1620kHz, 5025 kHz	F	0803	28/1	SW
1190	WLIB	New York NY; gospel songs	322	0255	21/1	MDe
1190.03	WLIB	New York NY; “... inspiration 11-90 WLIB” melancholy gospel songs	W	0157	5/2	BD
1190	HJCT	La Voz de la Costa, Barranquilla; “La Voz de la Costa” ID; tnx HK; fair sig fading at time of ID; personal first	W/F	0000	29/1	PC
1200	WXKS	Newton MA; ID "Rush Radio 1200 WXKS" with some talk	F	0500	8/1	Rha
1200	WXKS	Newton MA; “Rush Radio 1200” slogan then Fox News	G	0700	15/2	AB
1200	CFGO	Ottawa ON; "Sportsradio 1200" with Toronto sports comments	W/F	0615	27/12	Rha
1200	CFGO	Ottawa ON; about the revolution in sport	332	0010	4/2	MDe

kHz	Callsign	Station, location; details heard etc	SIO	UTC	Date	Who
1230	HJLK	Radio Calidad, Cali; "Radio Calidad la más popular" & discos románticos	W/F	0747	27/1	BD
1270.03	CJCB	Sydney NS; YL with "CJCB" & country music	W/F	0303	11/2	BD
1280	WNAM	Neenah WI; "AM 12-80 WNAM Neenah-Menasha"	W	0900	29/1	PC
1280	WCMN	Arecibo PR; ID in SS "Noti Uno"	322	0247	23/1	MDe
1290	WKBK	Keene NH; CBS News & promo for 104.1 FM	W/F	0404	5/21	BD
1290	WMCS	Greenfield WI; "12-90 WMCS The Talk of the Town"; fluttery	F/P	0900	27/1	mah
1290	XEDA	Radio Trece, México DF; OM/YL with "XEDA ... Radio Trece ... 12-90 Distrito Federal" & talk format	W/F	0759	27/1	BD
1290	YVLF	Puerto Cabello; full ID in SS "Puerto Cabello"	322	0239	18/1	MDe
1290	YVLF	Radio Puerto Cabello, Puerto Cabello; "Radio Puerto Cabello 12-90" ID with pops	F	0700	18/2	AB
1290	YVLF	R Puerto Cabello; "Radio Puerto Cabello, 12-90 AM"	W/F	0100	20/2	PC
1296		VOA/Radio Ashna, Kabul, Afghanistan; talks	232	1515	7/2	MvA
1300	WOOD	Grand Rapids MI; "News Radio wood 13 hundred and now 106.9" & Fox News	W/F	0800	30/1	BD
1300	WXRL	Lancaster NY; "You're listening to AM 13-hundred WXRL, playing the country legends for (40?) years"	F	0900	31/1	PC
1310	WLOB	Portland ME; talk, on "WLOB FM & AM 13-10"	W/F	0714	29/12	Rha
1310	WCCW	Traverse City MI; "13-10 ESPN Radio WCCW Traverse City" and ESPN Radio Sports Centre; fluttery	P	0900	27/1	mah
1310	WCCW	Traverse City MI; "13-10 ESPN Radio WCCW AM Traverse City"	W/F	0900	30/1	PC
1314		Radio Farda, Al Dhabbaya UAE; IDs // 1575	Good	0017	6/2	SW
1320	CJMR	Mississauga ON; "The Voice of the City" followed by an old recorded programme announcing events forthcoming for Thanksgiving and other dates in November	Fpk	0100	31/1	SW
1320	CJMR	Mississauga ON; Indian accented anns "Radio (Pascar?) on CJMR 13-20 AM"	Gpks	0800	18/2	mah
1320	YVWP	Radio Apolo, Turmero; YL with "Radio Apolo" & MOR soft SS pops	W/F	0801	30/1	BD
1330	WLOL	Minneapolis MN; "... everyday life in the Twin Cities this is Relevant Radio 13-30 WLOL Minneapolis Saint Paul. Relevant Radio for the Twin Cities, it's 3 o'clock"	F	0900	27/1	mah
1330	WFNN	Erie PA; "WFNN Erie, The Fan"	W/F	0800	3/2	PC
1330		Radio Visión Cristiana, various sites; "Radio Visión Cristiana" ID followed by programme "La Voz de Salvación"	F	0700	18/2	AB
1350	WOYK	York PA; glimpsed with sung "WOYK" & SNR sports	W	0300	11/2	BD
1350	ZYH520	Rádio Cristal, Salvador; "Rádio Cristal" & contemporary PP Christian music	W/F	0156	27/1	BD
1359		IRIB Darab, Iran; Farsi male talks	232	2201	13/2	MvA
1360	WDRC	Hartford CT; "The Talk of Connecticut WDRC 13-60 AM WDRC 102-93 FM Hartford" & AP news; no DRM racket this morning	W	0300	9/2	BD
1360	WTAQ	Green Bay WI; sung "WTAQ". "WTAQ Green Bay WTAQ FMW/F (location) a service of Midwest Communications"	W/F	0900	29/1	PC
1370	KDTH	Dubuque IA; NOS, "The Voice of the Tri-cities AM 13-70 KDTH"	W	0901	27/1	mah
1370	WSPD	Toledo OH; C2C, ID; personal first	W/Fpks	0610	20/2	Rha

kHz	Call sign	Station, location; details heard etc	SIO	UTC	Date	Who
1380	CKPC	Brantford ON; C&W music/songs, ID "AM 13-80 CKPC"	W/Fpks	0623	20/2	Rha
1380.01	CB138	Radio Corporación, Santiago (tentative) SS YL/OM religious studio talks & contemporary Christian songs	W/F	0735	27/1	BD
1386		Tianjin PBS, China; CC anns, mx/local songs	W/F	1405	30/12	Rha
1386	JO--	NHK 2, 4 sites listed; JJ male tlk (phone-in)	W/Fpks	1450	30/12	Rha
1390	WEGP	Presque Isle ME; sport live	332	0247	18/1	MDe
1390	WEGP	Presque Isle ME; in Norwegian and Chinese! Official welcome for international bi-athlon competition.	G	0044	3/2	SW
1390	WEGP	Presque Isle ME; "WEGP Weather" on "The Talk of the County"; also W/F 0513 8/1	F	0605	20/2	Rha
1390	WLCM	Holt MI; "Victory 13-90 WLCM Holt Lansing"	Fpks	0859	27/1	mah
1390	WRIG	Schofield WI; "This is WRIG, Schofield Wausau, a service of Midwest Communications"	W/F	0900	30/1	PC
1400	WOND	Pleasantville NJ; "News Talk 14 hundred WOND Pleasantville Atlantic City", ABC News; under dominant CBG	W/F	0600	20/2	Rha
1400	CBG	Gander NL; news	333	0710	28/1	MvA
1400	CBG	Gander NL; CBC News	332	0657	11/2	MDe
1400	CBG	Gander NL; CBC News	332	0657	11/2	MDe
1400	CBG	Gander NL; // 540kHz	Fr pks	0057	3/2	SW
1400		Harbour Light of the Windwards, Carriacou, Grenada (presumed); EE religious, bible talk	F	0100	20/2	PC
1409.97	WPOP	Hartford CT; "ESPN Radio 14-10", sports talk	W/F	0632	20/2	Rha
1410	XEBS	La Más Perrona, México DF; MOR Mexican pops & "La más perrona" slogan	W/F	0742	27/1	BD
1410	XEBS	La Mas Perrona, Mexico DF; "La Mas Perrona 2 34"!	F	0835	30/1	PC
1413		Xinjiang PBS, China; local Chinese talk & requests in between Russian anns; also W/F 1412 30/12	W/F	1652	1/2	Rha
1413	JOIF	KBC Fukuoka; "KBC" anns & JJ talk; under Euros	W/Fpks	1455	30/12	Rha
1420	WOC	Davenport IA; "14-20 WOC Davenport, Quad Cities. A member of Clear Channel Worldwide"	W	0800	29/1	PC
1430	XEWD	La Arrolladora 1430, Ciudad Miguel Alemán; Mexican music and YL with "La Arrolladora" slogan; ID spotted by OM Henrik Klemetz who says the name means irresistible women!!! A first for me and the UK thinks OM Andrew Brade (I suspect they left the day power on overnight)	F	0757	30/1	BD
1430	HIJC	Radio Emanuel, Santiago; soft SS pops (contemporary Christian?) & "Radio Emanuel sintonia de Dios ..."; a big thanks to OM Henrik Klemetz who painstakingly convinced me that I had heard the Dominican Republic and not Colombia; a first time heard for me	W	0710	18/2	BD
1440	WVEI	Worcester MA; "Sports Radio 14-40 WVEI-AM Worcester"	W	0700	15/2	AB
1440	WHKZ	Warren OH; end of SRN News & "Word" religious promo	W/F	0802	30/1	BD
1440	HIAK	Radio Impactante, Santo Domingo; "Esta es HIAK, 14-40 AM" amid music	F	0705	18/2	AB
1460	HJJW	Emisora Nuevo Continente, Bogotá; music and ID "... transmite Nuevo Continente, HJJW amplitud modulada 1,460 kcs"	W	0701	16/2	AB
1470	WLAM	Lewiston ME; oldies Channel; also W/Fpks 0748 28/12	332	0330	3/2	MDe
1470	WLAM	Lewiston ME; true oldies	W/Fpks	0528	20/2	Rha

kHz	Callsign	Station, location; details heard etc	SIO	UTC	Date	Who
1470	XEAI	Radio Fórmula, México DF; "Radio Fórmula" in SS by male and pop music	332	0710	27/1	MDe
1470	XEAI	Radio Fórmula, México DF; Mexican music, 0725 SS ID "Radio Fórmula 14-70"	233	0715	27/1	MvA
1470	XEAI	Radio Fórmula, México DF; YL with "Escucha Radio Fórmula 14-70" & SS pops	F	0727	27/1	BD
1470	YVSY	Radio Vibración, Carúpano; Bright Latin rhythms & "La hora Vibración"+ TC	W/F	0759	30/1	BD
1470	YVSY	R Vibración, Carúpano; "Radio Vibración da la hora, las 4 y 3 minutos	F	0834	30/1	PC
1470	YVSY	R Vibración, Carúpano; "Radio Vibración" ID in SS	332	0020	3/2	MDe
1480	XETKR	Rancherita y Regional, Monterrey ; Ranchera music & "XETKR ... solo los éxitos más fuertes, más fuertes aquí, rancheritos y regional, más fuertes, una emisora multimédios radio ... XETKR ... más fuertes"; thanks to OM Henrik Klemetz for IDing this one from my audio clip; first time log for me & UK thinks Andrew Brade	W/F	0750	30/1	BD
1480	WHBC	Canton OH; "newstalk 14-80 WHBC, Canton, Ohio"	W/F	0900	4/2	PC
1490	WMBM	Miami Beach FL; "AM 14-90 WMBM Miami Beach ... and worldwide at wmbm.com . New Birth Broadcasting Corporation"	W	0800	8/2	PC
1490	HJBS	Emisora Punto Cinco, Bogotá ; "Emisora Punto Cinco" ID; personal first	W	0800	28/1	PC
1500	WFED	Washington DC; "This is Federal News Radio from Washington DC"	F	0610	11/2	Rha
1500	KSTP	Saint Paul MN (pres); "50,000 watts ... AM 15-hundred ESPN"	W	0900	29/1	PC
1500	XEDF	Radio Fórmula, México DF; SS talk by female (news) and formula ID + songs	322	0719	27/1	MDe
1500	XEDF	Radio Fórmula, México DF; news, interviews, comment & "Radio Fórmula"	W	0735	27/1	BD
1500	XEDF	R Fórmula, México DF; rock music "Fórmula" ID	W/F	0837	30/1	PC
1500	YVRZ	R Dos Mil, Cumaná; "Radio Dos Mil" ID	F	0701	8/2	PC
1503		IRIB 1, Bushehr, Iran; music	222	2330	8/2	FW
1510	WWZN	Boston MA; about the white house	333	0339	22/1	MDe
1510	WWZN	Boston MA; talk ID "Talk of the Revolution 15-10"	F	0420	11/2	Rha
1510	WLAC	Nashville TN; "It's 1 o'clock Fox News Radio 15-10"	F	0600	18/1	Rha
1520	WWKB	Buffalo NY; "The next morning on Buffalo"	332	0336	22/1	MDe
1520	WVOZ	San Juan PR; salsa music , SS ID "Radio Voz", competing with Libertad, Bogotá; thanks to Henrik Klemetz for the help to ID this station; personal first ; also 232 0651 18/2	333	0652	16/2	MvA
1520	WVOZ	Radio Voz, San Juan; salsa music with "WEKO 15-80" ID	F	0701	18/2	AB
1520	HJLI	Radio Libertad, Bogotá; "15-20 AM, Libertad"	W/F	0726	8/2	PC
1520	HJLI	R Libertad, Bogotá; SS talks and full ID; personal first	333	0654	16/2	MvA
1520	HJLI	Libertad, SF de Bogotá; "Somos una radio que ? Libertad"	F	0705	16/2	AB
1520	HJLI	Libertad, Bogotá; MOR Latin rhythms, YL announcements and OM with "15-20 Libertad"	W/F	0648	18/2	BD
1520.13	HJLQ	Radio Minuto, Barranquilla; SS male rlg talk; thanks to Henrik Klemetz for the help to ID this station; personal first	232	0701	16/2	MvA
1520.97		CRI Urumqi, China; local Chinese music, toth "R Kitaya" ID	F	1656	1/2	Rha

kHz	Callsign	Station, location; details heard etc	SIO	UTC	Date	Who
1521		CRI Urumqi, China; ID, news	333	1900	4/2	FW
1521		CRI Urumqi, China; ID, in Russian	Good	0014	6/2	SW
1530		VOA Pinheira, São Tomé; Yankee Doddle, ID, news	333	0300	3/2	FW
1530	WCKY	Cincinnati OH; “This is 15-30 WCKY, the 50,000 orange and black home of the Cincinnati Bengals”	W/F	0700	20/2	PC
1539		VOA R Aap Ki Dunyaa, Al Dhabbiya, UAE; EE tlk about the US	332	2203	7/2	MDe
1540	KXEL	Waterloo IA; “KXEL Newstalk 15-40 Waterloo- Cedar Falls”	W	0900	29/1	SW
1540	KXEL	Waterloo IA; still carrying Midnight Trucking Network	F	0835	31/1	SW
1540	WDCD	Albany NY; “... living faith 15-40 WDCD Albany” & religious programme	F	0200	5/2	BD
1540	CHIN	Toronto ON; no local IDs anymore continuous CRI	Exc	0905	29/1	SW
1540	ZNS1	Nassau, Bahamas; about safety in the Bahamas // webstream	322	0409	22/1	MDe
1540	ZNS1	Radio Bahamas, Nassau; R&B/ Calypso show “on Radio Bahamas”	F	0407	5/2	BD
1540	ZNS1	Radio Bahamas, Nassau; EE male ann , music and ID at 0709	322	0700	16/2	MvA
1540	ZNS1	Nassau, Bahamas; muffled audio after Caribbean music “ZNS Broadcasting ...”	W	0701	18/2	AB
1550	CMBA	R Rebelde, Nuevitas, Camagüey; “Rebelde” ID and interval tune	W	0733	8/2	PC
1556.97		WYFR Kouhu, Taiwan; religious tlk; also F 1513 30/12	W/F	1643	1/2	Rha
1560	WQEW	New York NY; pop, Disney	332	0625	11/2	MDe
1560	WQEW	New York NY; Radio Disney pops; also W/Fpks 0618 8/1	W/Fpks	0642	11/2	Rha
1566		AIR Nagpur, India; Indian flute music, EE anns, toth ID “All India Radio”	F	1700	1/2	Rha
1566.02	HLAZ	FEBA Jeju (presumed); tlk, choir songs; under France	W/Fpks	2012	7/2	Rha
1566	HLAZ	Cheju; Korean talks	333	2112	7/2	MDe
1570	CJLV	Laval QC; French talks and ID + pop music	332	0722	2/2	MDe
1570	CJLV	Laval QC; pop mx and FF anns	W/F	0549	20/2	Rha
1570	XERF	Cd Acuña; Mexican songs and talks about Mexico City; ID as “Poderosa”	322	0717	21/1	MDe
1570	XERF	Cd Acuña; SS anns “... en La Poderosa 15-70”	Fpks	0902	27/1	mah
1570	XERF	Ciudad Acuña; soft Mexican pops & YL/OM with “XERF La Poderosa 15-70 AM”	F	0757	30/1	BD
1580	CKDO	Oshawa ON; oldies mx	332	0730	2/2	MDe
1590	WARV	Warwick RI; “WARV Warwick, Providence”	W/F	0800	3/2	PC
1590	WARV	Warwick RI; kicking its way through DRM racket with “WARV” SRN news & OM/YL religious talk	W/F	0658	15/2	BD
1600	WUNR	Brookline MA; Latin rhythms & “This is WUNR Brookline”	F	0359	5/2	BD
1602		IRIB unknown site, Iran; local Farsi music plays	F	1734	11/2	Rha
1610	CJWI	Montréal QC; French news about Canada	322	0607	11/2	MDe
1610		Caribbean Beacon, Anguilla; female rlg talks	343	0657	16/2	MvA
1620	CMBA	R Rebelde, unknown site; full SS ID	444	0719	21/1	MDe
1620	CMBA	Radio Rebelde, unknown site; ID, news	121	0500	20/2	FW
1620	WDHP	Frederiksted USVI; BBC WS News	W	0600	9/2	BD
1630	KCJJ	Iowa City IA; “This is Coralville’s 16-30 KCJJ Iowa City Coralville” KCJJ news & pops	W/F	0300	1/2	BD
1640	WTNI	Biloxi MS; ESPN sports “... on 16-40 WTNI”	W/F	0640	11/2	Rha

kHz	Callsign	Station, location; details heard etc	SIO	UTC	Date	Who
1640.03	WTNI	Biloxi MS; "Sports Radio 14-90 WXBD Biloxi 16-40 WTNI Biloxi" & ESPN sports	W/F	0700	11/2	BD
1650	WHKT	Portsmouth VA; about the war in Afghanistan	332	0300	30/1	MDe
1650	WHKT	Portsmouth VA; "AM 16-50 WHKT Portsmouth conservative talk radio for Hampton Roads" & CBS News	W	0700	30/1	BD
1650	WHKT	Portsmouth VA; with Science Fantastic programme	Exc	0026	13/2	SW
1650	WHKT	Portsmouth VA; "Conservative Talk 16-50" noted with talk	F	0642	20/2	Rha
1650	CJRS	Montréal QC; Jewish announcements & Hebrew songs, "Radio Shalom" ID	W/F	0645	29/12	Rha
1660	WCNZ	Marco Island FL; jazz music on "The Avenue"	332	0320	3/2	MDe
1660	WCNZ	Marco Island FL; oldies & jazz tunes	F	0644	11/2	Rha
1660	WCNZ	Marco Island FL; "You're listening to WCNZ Marco Island Naples and WMYR Fort Myers" & nostalgia	F	0700	11/2	BD
1660	WQLR	Kalamazoo MI; Fox to Fox sport	332	0508	7/2	MDe
1660	WQLR	Kalamazoo MI (presumed); ESPN, no ID heard	W/Fpks	0645	20/2	Rha
1660	WWRU	Jersey City NJ; legal ID every hour through night	Fpks	0200	2/2	SW
1660	WBCN	Charlotte NC; "American talk 16-60 WBCN ... Charlotte" & Fox News	F	0400	5/2	BD
1670	CJEU	Gatineau QC; FF children's songs, "Radio Enfant" anns	F	0700	29/12	Rha
1670	CJEU	Gatineau QC; ID as "Radio Enfant"; fair pks all night	F	0200	31/1	SW
1680	WOKB	Winter Garden FL; "WOKB Winter Garden Orlando" & religious studio talk	W	0200	11/2	BD
1680	WOKB	Winter Garden FL; legal ID	Fpk	0200	11/2	SW
1680	WTTM	Lindenwold NJ; "WTTM Lindenwold Philadelphia" & Mexican songs	W/F	0302	1/2	BD
1680	WTTM	Lindenwold NJ; legal IDs, slogan "Unicamente Tuya"	F	0400	3/2	SW
1680	WTTM	Lindenwold NJ; LA rhythms	W/F	0650	20/2	Rha
1690	WPTX	Lexington Park MD; "You're listening to southern Maryland's news talk station WPTX AM Lexington Park" & CNN News	W	0600	30/1	BD
1700	WJCC	Miami Springs FL; usual programme disclaimer from YL "... WJCC 17 hundred AM Miami Springs..." & Creole religious talk	W/F	0402	5/2	BD
1700	KVNS	Brownsville TX; pop songs	333	0720	21/1	MDe
1700	KVNS	Brownsville TX; "This is classic hits 17 hundred KVNS Brownsville and the Rio Grande Valley" & oldies	F	0804	27/1	BD
1700	KVNS	Brownsville TX; oldies	F	0648	11/2	Rha
1700	CRJ	Carajas, Brazil ; nondirectional beacons listen now	W/F	0645	18/1	Rha

Many thanks to the following reporters:

- AB Andrew Brade, Holme-on-Spalding Moor, East Riding of Yorkshire. AOR AR 7030 plus and Perseus SDR, Wellbrook phased array 290°, 305m beverage at 220°. Recording on Sony MZ-NH1 minidisc + Total Recorder.
- BD Barry Davies, Carlisle, Cumbria. Perseus, 3.7m x 10.0m Flag + FLG100 amp.
- FW Friedhelm Wittlieb, Lünen, Germany. Grundig Satellite 700 with martens fram-antenna.
- mah Martin Hall, Clashmore, Sutherland. Perseus SDR, RPA-1 preamp, beverages: 513m at 233°, unterminated; 506m at 279°, terminated; 550m at 338°, terminated. Total Recorder.
- MDe Maurits van Driessche, Zele, Belgium. Perseus and R&S EK07/D2, Supper Kaz 275° and 75°, MFJ 1026, 2 x preamp 20 dB, DBX 1215, Edirol UA-25EX (new, works great).

- MvA Max van Arnhem, Hoenderloo, The Netherlands. AOR7030+; KAZ 35, 70, 160, 250, 290, 340 degrees.
- PC Paul Crankshaw, Troon, Ayrshire. Perseus SDR, Flag antenna, RPA-1 pre-amp, MFJ-1025 Phaser (modified).
- Rha Ronald Hagensen, Ottersberg, Germany. AOR 7030+, 325m beverage antenna at 345°, Wellbrook ALA 1530 outdoor aux/phase antenna, Mizuho AT-2000, antenna-coupler and S.E.M. QRM-eliminator.
- SW Steve Whitt, High Catton, Yorkshire. AOR7030+ and dual reversible K9AY loop antennas.

First, a reminder to contributors that credit should always be given in logs to individuals who have helped with the identification of the station concerned. Discussions on the RealDX Group recently indicate that some DXers haven't always been making this clear when reporting to some publications and websites. Not only is this discourteous to the helper, but it suggests that a log is all the reporters own work (when it isn't), and the audit trail is lost should the claim prove to be erroneous.

Barry writes: "Last month I remarked 'Fingers crossed that February will have a couple of welcome surprises' I did not expect a couple of UK firsts which I am sure Geoff Trower would have been pleased with. It was pity they were not north of the Rio Grande River hi! I would go along with our Scandinavian friends who remarked in February's Distance, 'A lot of tips in this issue of medium wave although several tipsters appear to agree that conditions not been on top in recent weeks'; so, we are not alone hi! Now for March I would like to be able to send off a DX Test QSL request for 1540 WKQV Eatonton GA. The test is due at 0600 UTC 12/03/11. Fingers crossed again OMs!"

Ronald asks: "Is the season for good DX receptions over? Since the end of December 2010 I haven't heard any west coast stations from the USA or Canada!" Sadly, I think that may be the case – here in Clashmore west coast reception drops off rapidly from mid-January onwards, and this year is no exception. Although it should be possible to hear west coast stations through until the end of March, openings tend to be short and strengths aren't good. As the sunspot cycle progresses, increasing geomagnetic activity is also reducing the probability of reception – **mah**.

Also writing about conditions, **Maurits** notes: "Now conditions are not so good, the last couple of days. But on 13 February the conditions were good to Colombia, so I heard a few new stations, but this is for the next month". **Max** adds: "In general very moderate conditions. However on Feb 16, a mix of stations was audible around 0700 UTC.

A nice and clear ID was given by HJLI Libertad in Bogotá, but its signal was mixing with two other stations. The salsa station was WVOZ from Puerto Rico and just after 0700 UTC the weak other Spanish speaking station in the background became better audible. Its frequency was 1520.13 which is Radio Minuto in Barranquilla. Thanks to Henrik Klemetz for his help to ID these last two stations. Next day I tried again, but nothing. Only a weak signal of WWKB. However on Feb 18, again WVOZ was dominant with salsa".

Paul C tells us: "My very sparse log is attached - which says it all. I have just shifted my antenna further to the south in the hope of pulling in some Caribbean and S American stations!"

Here in **Clashmore** I've not been able to spend much time on DXing, but the little I have done has been rather an anti-climax after the excellent conditions of December.

The **deadline** for the April DX Loggings is **Thursday 24th March**. I look forward to receiving your logs by then. **Very many thanks** to all those members making the effort to submit contributions following the format used in DX Loggings. 73, Martin

VERIFICATIONS SECTION

✉ Kreuzstraße 4, 44532 Lünen, Germany

with Friedhelm Wittlieb

e-mail: verifications@mwcircle.org ☎ 0 32 12 – 107 79 39

<u>Station</u>	<u>kHz</u>	<u>A</u>	<u>B</u>	<u>C</u>	<u>who</u>
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EUROPE

France:

Sud Radio	<u>1</u>	819		lt	49 days	PR
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Hungary:

Magyar Katolikus Radio	<u>2</u>	1341		QSL	11 days	PR
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Italy:

Challenger Radio, Padova		1368		e-mail certificate	2 days	MvA
Challenger Radio, Padova	<u>3</u>	1368		e-mail QSL	23 days	SV
Challenger Radio, Padova	<u>4</u>	1368		e-mail QSL	1 day	GH

Russia:

GTRK "Kareliya", Petrozavodsk		675		handwritten f/d postcard	38 days	MvA
RV-99 Taldom , Radio Rossii		261		f/d e-mail and photo	6 days	MvA

Spain:

Punto Radio Tarragona	<u>5</u>	1485		e-mail /photo / sticker	2 days	GH
RNE 1 Vitoria	<u>6</u>	612	IRC	lt, sticker	10 days	PR
Euskadi Irratia	<u>7</u>	1386		pdf-QSL	??	PR

NORTH AMERICA

USA:

WTAM 1100 AM Clevel. OH	<u>8</u>	1100		e-mail	6 hours	GH
KEDA San Antonio TX	<u>9</u>	1540		e-mail	1 day	GH
WLAC Nashville TN	<u>10</u>	1510		e-post	1 day	BD
WHKZ Warren, OH	<u>11</u>	1440		personal f/d letter	48 days	MvA
WABH Bath (NY).	<u>12</u>	1380	e-f/up	e-mail	??	MM
WRED Westbrook (ME).	<u>13</u>	1440	e-f/up(4 th)	f/d e-mail	45 min	MM

CENTRAL AMERICA

Mexico:

XEEP R.EDUCACIÓN	<u>14</u>	1060	e-f/up	f/d e-mail	1 hour	MM
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Puerto Rico:

WKAQ San Juan		580		e-mail QSL letter	1 day	MvA
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SOUTH AMERICA

Columbia:

HJFB R.FIESTA, Bogotá	<u>15</u>	1340	e-report	e-mail	2 days	MM
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Peru:

OBX4W R.CALLAO	<u>16</u>	1400	e-f/up	f/d e-mail	4 days	MM
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Note and Verifications Signers

- 1: **Address:** 94 rue du Lac, Quartier Bouysset, Bât. Les Allées du Lac B, BP 48148, 31681 Labège Cedex. v/s Eric Enjalbert, Responsable Technique de Sud Radio
- 2: Address: Delibab ut. 15-17, 1062 Budapest, Ungarn. v/s Mihaly Gyömöre, Chief Operating Officer MKR
- 3: v/s: Dr. Maurizio Anselmo
- 4: v/s Maurizio Anselmo challenger@challenger.it ; With message: soon we'll send new QSL to everybody
- 5: v/s Benigne Ríos Director PUNTO RADIO TARRAGONA brios@ondarambla.com
- 6: **Address:** Plaza de Simón Bolívar 13, 01003 Vitoria-Gasteiz, Spanien.
- 7: info@eitb.com v/s ist Xabier Laskibar Setien.
- 8: v/s Z. Cheryl CherylZ@Clearchannel.com ,reception on location in the USA
- 9: v/s Alberto P. Davila, Kedakid kedakid@aol.com ,Reception on location USA
- 10: v/s Andrew Pittsenbarger (andrew@gillreport.com) Studio Producer
- 11: It. and antenna photos - 1st reception report from The Netherlands
- 12: Received email confirming reception and confirming a tech. problem making them to stay with day power at night (10KW vs. 450W). v/s: Jeff Neal, Operations Manager. wvinprogramming@stny.rr.com
- 13: v/s: J. Morgan Grumbach, Local Sales Manager, Atlantic Coast Radio. morgan@atlanticcoastradio.com
- 14: v/s: Ramsés Márquez G., Subdirección de Desarrollo Técnico. rmarquez@radioeducacion.edu.mx
- 15: v/s: Juan Carlos Marroquín. radiofiesta1340@hotmail.com
- 16: v/s. radiocallao@gmail.com

A: what was received; **B:** what return postage was sent; **C:** Days to get a reply

Contributors

Many thanks to:

MvA – Max von Arnheim, Hoenderloo, Netherland, **GB** – Ge Huijbens, Beffe, Belgium; **MM** – Mauricio Molano, Salamanca, Spain; **PR** – Patrick Robic, Leibnitz, Austria; **BD** - Barry Davies, Carlisle, Cumbria, **SV** – Stefano Valianti, Italy

73, Friedhelm (FW)

Van: "Z, Cheryl" <CherylZ@Clearchannel.com>
Aan: <ge.huijbens@skynet.be>
Verzonden: donderdag 3 februari 2011 21:17
Onderwerp: FW: WTAM 1100 reception
Thank you for your report of reception. Your reception from Belgium has been confirmed.

WTAM, known to listeners as Newsradio WTAM-1100, operates 24 hours daily on 1100 kHz. We broadcast a format of news, talk and sports programs, and are one of the 26 class 1-A Clear-Channel Radio stations in the United States, broadcasting with a 50,000-watt non-directional signal. We are known as the station that is heard in 38 states and half of Canada.

WTAM has been on the air since 1923. Between 1923 and 1996 it was known by a series of different call signs, including WKYC, KYW and WWWE. We are currently owned by Clear Channel Communications.

AM-1100 is the home of Cleveland Indians Baseball, The Cleveland Browns and Cleveland Cavaliers.

Thank you for your interest in WTAM 1100. We hope you tune in to the Big One again in the future.

Win a Tecsun PL-606 Ultra-light receiver!

HURRY renew or extend your Full Membership to be in with a chance to win – see page 3