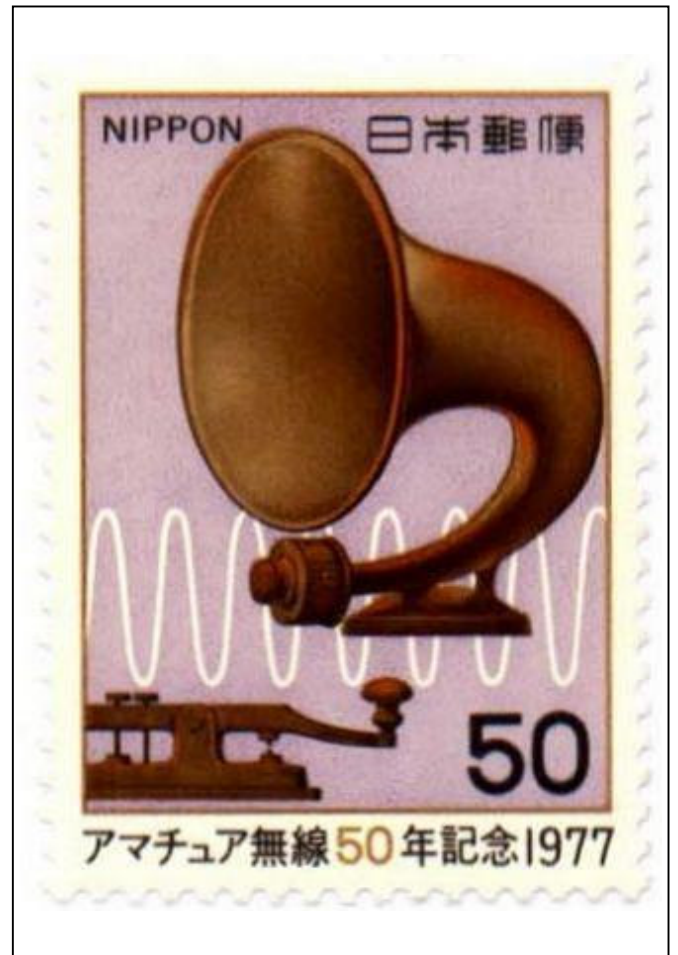
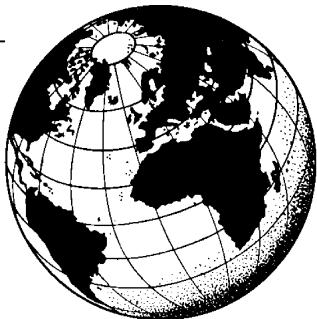


MEDIUM WAVE NEWS

MEDIUM WAVE CI



December 2005 Volume 51 No. 7



- ♣ *Reception tests*
- ♣ *Radio Wannan 999*
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STOP PRESS:

This month we welcome the following new and re-joining members to the Circle: G Holdstock, Street, Somerset; Alan Dimmick, Glasgow; Ge Huijbens, Beffe/Rendeux, Belgium; Peter Chalkley in Luton; Brian Martlew in Warrington and Ken Macdonald, Glasgow. Welcome one and all!

As this is the last issue before the holiday season, I'd like to take this opportunity to wish you all a very Merry Christmas and Happy New Year.



Stop Press Deadlines: 1st January for January 2006 30th January for February 2006

Cover illustration: Japanese stamp commemorating 50 years of amateur radio in 1977

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EDITORIAL

with Steve Whitt

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This month we are playing catch up after last month's monster DX Log. In fact the good conditions continued to the end of October so Martin has some more goodies for your delectation!

Also because of the scale of the task one or two minor errors crept into the DX log and these are updated this month.

Despite another 64 page magazine I have not caught up completely and apologise to John Williams and Bjarne Mjelde for yet again holding over some of their feature contributions. I also promise that come the next issue of MWN I will completely clear out my MWN in-tray.

You'll also see a very interesting one-off contribution from Alan Gale, which reminds me to remind you that we still need a volunteer to edit a regular column covering utility transmission and related activities. How making a New Year resolution to edit such a column for a year? If you are interested please contact me.

Admin

Please note that I have new phone number listed on page 2. The old phone number will still reach me but I mainly want to use that for business purposes.

Clearance

In early October I was very pleased to be invited to talk at the RSGB HF convention in Surrey. My talk was called "Medium Wave DXing using Spectrum Analysis Techniques". The conference was an excellent opportunity to swap ideas with amateurs investigating Topband and LF frequencies. To that end I prepared a compilation CD of over a dozen relevant articles from MWN & elsewhere related to the subject of my talk. I also included my conference presentation, not published elsewhere, as a Powerpoint slide set. I have a few copies of this CD available (I don't plan on running off any more) which I'm happy to dispose of for £2 in the UK or \$4/4Euro outside the UK.

Finally

Even though it is still a month till the Christmas holiday season this is the last copy before then. If you are not sure what to ask Father Christmas for here is the Editor's Top 5:

- National Radio Club AM Guide – for anyone serious about trans-Atlantic DXing
- ON4UN's Low Band DXing (Book & CD) – for anyone into serious antennas, equipment and techniques
- Wellbrook ALA1530 outdoor loop antenna – for anyone who says their garden is too small for an aerial
- 10 hectares of coastal farmland – for anyone with a dream!!!

Keep listening & may the DX keep on coming,

73s
Steve


IONOSPHERIC REPORT

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

Daily Geomagnetic Data

Date	Middle Latitude -- Fredericksburg --								High Latitude ---- College ----								Estimated ---- Planetary ----										
	A	K-indices							A	K-indices							Ap	K-indices									
2005 10 28	4	0	0	1	2	2	1	2	1	17	0	0	4	5	5	2	1	0	5	1	0	2	2	2	1	1	1
2005 10 29	1	0	0	1	0	0	1	1	0	2	1	0	2	0	0	1	1	0	2	1	0	1	0	0	1	0	1
2005 10 30	3	1	1	0	1	1	1	1	1	4	0	2	0	1	3	1	1	1	5	2	0	0	1	0	1	2	
2005 10 31	6	0	2	1	1	2	2	2	3	35	1	1	1	5	6	6	5	3	13	1	1	1	2	3	4	3	4
2005 11 01	7	3	1	0	2	1	2	1	3	12	3	1	0	4	4	3	2	1	8	3	2	0	2	2	3	1	2
2005 11 02	5	1	1	0	0	1	1	3	3	5	2	1	0	0	1	1	3	2	6	1	1	0	0	0	1	3	3
2005 11 03	19	4	4	3	3	3	2	3	4	43	2	5	3	6	6	5	5	3	24	3	5	3	4	3	4	3	4
2005 11 04	16	4	4	4	2	2	3	3	1	22	3	4	3	4	4	4	4	2	20	4	4	3	3	3	3	4	2
2005 11 05	10	3	2	4	1	2	2	1	2	14	3	3	4	2	3	3	2	2	10	2	3	4	1	2	2	1	2
2005 11 06	12	4	2	2	2	2	3	3	2	15	2	2	2	5	3	3	3	2	10	3	3	2	2	2	2	3	2
2005 11 07	6	3	1	3	2	1	1	1	0	7	3	1	3	2	2	1	2	0	6	3	1	2	1	1	1	1	1
2005 11 08	2	1	0	1	0	1	1	0	1	3	2	0	2	1	0	1	0	1	3	1	0	1	1	1	1	0	1
2005 11 09	1	2	0	0	0	0	0	1	0	1	1	0	1	1	0	0	0	0	3	2	0	0	0	0	1	0	1
2005 11 10	1	0	0	1	0	0	0	0	1	2	0	0	1	1	0	0	0	2	2	0	0	1	0	0	0	1	1
2005 11 11	3	1	2	0	1	1	1	1	1	4	0	1	0	3	2	2	1	0	5	1	2	1	1	2	2	1	1
2005 11 12	7	2	3	2	2	2	2	1	1	33	1	5	4	5	6	5	2	1	10	2	3	2	2	3	3	2	1
2005 11 13	12	3	4	3	2	2	2	1	3	37	1	2	3	6	6	6	4	2	14	3	4	3	3	3	3	2	3
2005 11 14	7	3	3	2	2	1	1	1	1	16	2	3	3	5	4	2	1	2	10	4	3	2	2	2	1	2	2
2005 11 15	5	1	0	3	3	1	0	1	0	10	1	1	4	4	3	1	0	0	4	1	1	2	2	2	0	0	1
2005 11 16	1	0	2	0	0	0	0	0	0	1	0	0	0	1	0	1	1	0	3	0	2	0	0	1	1	1	1
2005 11 17	1	0	0	2	0	0	0	0	0	3	0	0	0	0	0	0	4	0	3	1	0	2	1	0	0	0	0
2005 11 18	2	0	0	2	0	1	1	2	0	3	0	0	1	2	3	0	1	0	4	0	0	1	1	2	1	1	1
2005 11 19	6	1	1	1	0	2	3	2	2	5	0	0	0	0	1	4	2	2	10	1	0	0	0	1	4	4	3
2005 11 20	5	1	2	3	1	1	2	1	1	11	0	2	3	5	2	1	2	0	7	1	2	3	2	1	2	1	2
2005 11 21	2	1	2	0	0	1	1	1	0	2	2	1	0	1	1	1	0	0	3	2	2	0	0	1	1	0	1
2005 11 22	3	0	0	2	1	1	1	1	2	14	0	0	4	5	4	2	1	1	6	0	1	2	2	2	2	2	2
2005 11 23	7	2	2	3	2	1	1	2	2	-1	-1	-1	-1	-1	-1	-1	-1	-1	8	1	3	3	2	2	2	1	2
2005 11 24	6	1	1	1	3	1	2	1	2	16	1	1	2	5	3	4	3	2	9	1	1	2	3	2	2	3	3
2005 11 25	8	3	3	3	1	1	1	1	1	17	3	3	4	4	4	3	1	1	10	3	4	3	2	1	2	2	1
2005 11 26	8	3	1	3	3	2	1	1	1	-1	-1	-1	-1	-1	-1	-1	-1	-1	5	2	0	2	2	2	1	0	1
2005 11 27	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	0	0	1	1	0	1	-1	-1

MAILBAG

with Herman Boel Roklijf 10, B-9300 Aalst, Vlaanderen (Belgium)
 e-mail: mailbag@mwcircle.org  +32-476-524258

I received a very nice text from **Bernard Brown**:

"A Derbyshire Oddity

Personal circumstances these days mean that I rarely travel very far but on 29 September we decided to indulge in some of the Duchess of Devonshire's specialities from the Chatsworth Farm Shop and so I set forth. Chatsworth, of course, is one of Britain's grandest houses, known as the *Palace of the Peak* set in the Derwent valley surrounded by the wooded hills of the Peak District. Tourist plug-over – I like to put the car radio on to a *graveyard* frequency when I make these trips alone and I chose 1350 on this day. As I left home one weak signal was trying to rise above the *mush* and as I crossed the M1 at Junction 28 clearly came the ID 'URN Student Radio,

Nottingham'. This station occasionally surfaced for the next few miles, then nothing readable was noted until as I approached Matlock, Radio Nightingale came up and soon became a solid signal with no opposition.

To get to the farm shop you take the road through Chatsworth park with the house on your right if you are heading north, the road is unfenced so you need to watch out for wandering sheep and occasionally deer. The stretch through the park is about a mile and a half long. Now the oddity – as I entered this part of the route, Nightingale was swamped by strong interference, difficult to describe but if you can imagine the static from a continuous thunderstorm you would be near. This noise continued throughout the park then disappeared as soon as I came out at the northern end.

It was only when I was back home that it occurred to me how odd this had been and I couldn't think of an explanation. There are no pylons in that area, there is no industry, and it was the way in which the QRN began and ended so definitely that made it unusual."

Thanks, Bernard, for this story. If anyone has any idea what interference Bernard had to deal with, by all means let us know.

Mike Barraclough sent in the following information:

TALK BY RADIO CAROLINE ENGINEER - TUES 3rd JANUARY

The Chelmsford Amateur Radio Society (CARS) is fortunate to have as one of its members Carl Thomson G3PEM. Carl was the Radio Engineer onboard Radio Caroline in the mid 60's and was responsible for keeping the 199 metres (1520 kHz) transmitter on the air come what may.

On Tuesday 3rd January he will be presenting a talk to CARS entitled "Life on board Radio Caroline in the 1960's". This will give his impression of life onboard the Radio Ship and will be illustrated by previously unpublished photographs.

The Chelmsford Amateur Radio Society meets on the 1st Tuesday in each month at the Marconi Social Club, Beehive Lane, Great Baddow. The doors open at 7:15pm and visitors are most welcome. Car parking is free and a bar is available for refreshments.

For further information contact the secretary Martyn G1EFL
Tel: 01245 469008 - E-mail: info2005@g0mwt.org.uk - Website: www.g0mwt.org.uk

Next we turn to **Harry Richards** who writes:

“Am I correct in saying that when the *government* decides to 'switch off' analogue transmitters, and we have complete DAB coverage in the UK, we will create a *situation*, at least with regard to continental stations, which was sought by John (later Lord) Reith all those years ago?

Everything will be home grown, but inward looking! However, I think that eventually radios will resemble the ones we have today with 'Long, Medium and Shortwave and FM' but they will be 'DRM and DAB!'.”

Your comments on any of these letters are highly appreciated.

73

- Herman -

RECEPTION TESTS

by Steve Whitt

Introduction

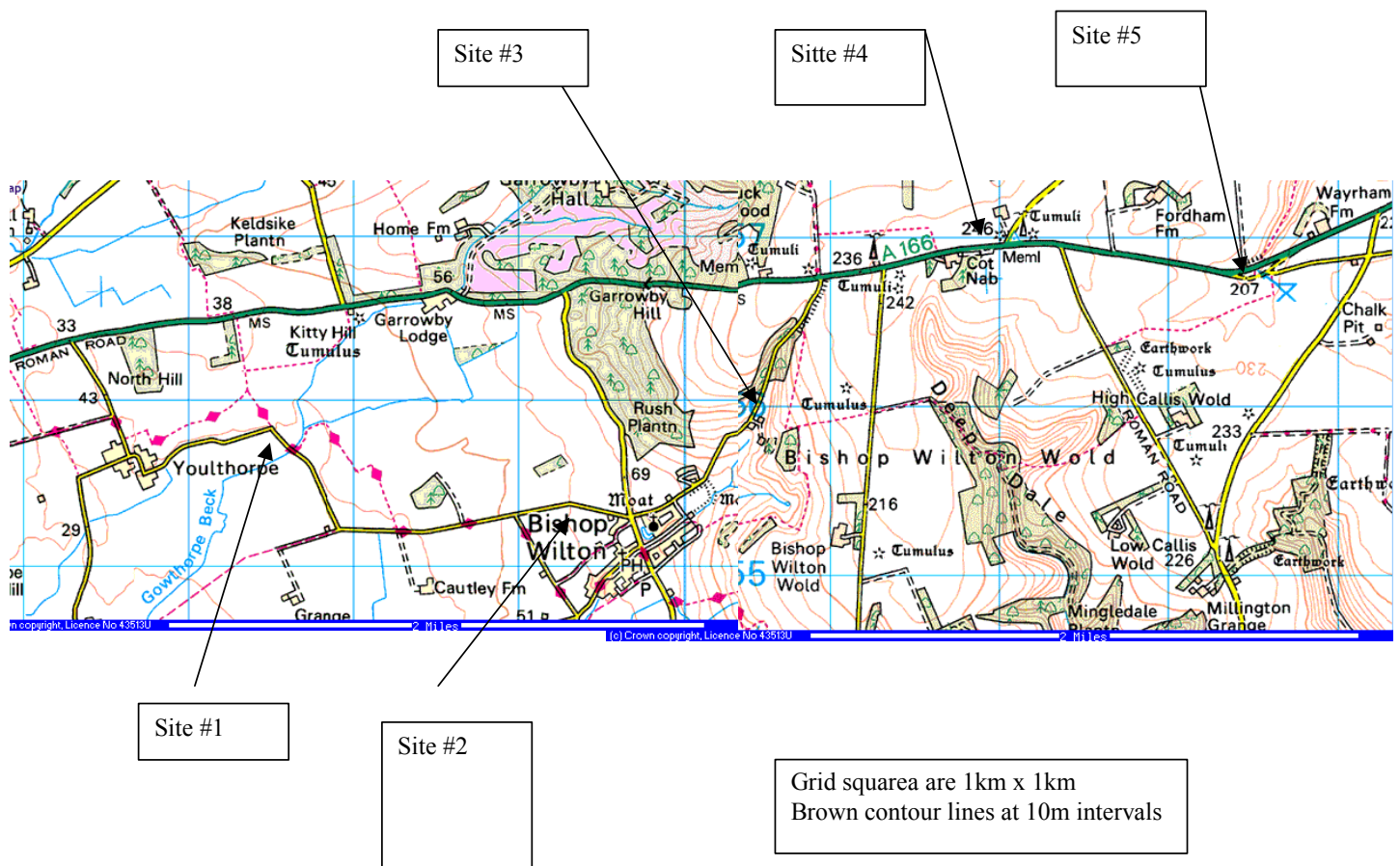
Earlier this year I conducted some reception tests on the East coast of England to try to determine the effect that the coastal location and, in particular, cliffs had on MW daytime reception. These were reported in a previous issue of Medium Wave News (MWN 51/05).

The results seemed to indicate that best reception occurred at the top of the cliff overlooking the sea rather than at the bottom. Reasons were not immediately obvious but I wanted to do some further tests to sea if I could isolate the “cliff effect” from the “coastal effect”.

Fortunately, not far from my home, about 18km east of York, lies a steep chalk escarpment which rises to the highest point in East Yorkshire. The rock structure is the same chalk that forms the cliffs at Flamborough Head where I previously conducted my coastal tests.

Test locations

The map below shows 5 test sites on a 6km baseline, all 30km inland from the coast. In the centre of the map is Garrowby Hill which rises to 240metres. It is a wind-swept hill top with clear views in all directions. To the west the land falls sharply as the chalk escarpment gives way to flat clay & loam soils about 30-50m asl. To the east the chalk gently dips downward over the next 20km.



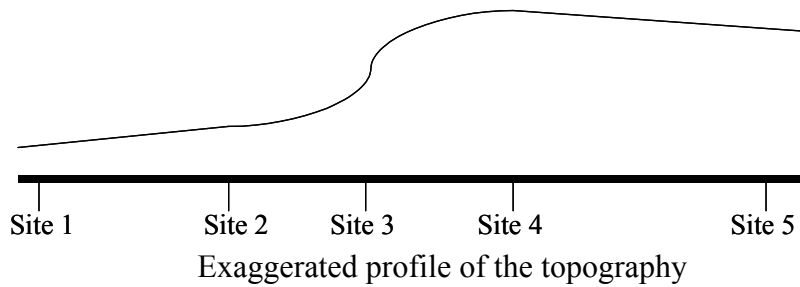
Site 1: open lowland fields about 35m asl; moist lowland fields

Site 2: base of chalk escarpment 60m asl

Site 3: half way up escarpment 150m asl; steepest slope; dry exposed chalk; soil less than 10cm thick

Site 4: highest point 240m; chalk with thin soil, no surface water anywhere

Site 5: on eastern dip slope 207m asl; 3km away from escarpment



Test method

I used the same test equipment and method as described in MWN 51/5. In all cases measurements were conducted in daylight conditions around 1230UTC on 19th September 2005.

I used my standard car radio [factory model on a Toyota RAV4] & omni-directional whip aerial. The car radio has two levels of sensitivity on the circuit that detects a signal and stops scanning (“scan-lock”). On its first scan it scan-locks only on the few strongest signals. Then on a second scan it uses a lower trigger level so it locks on more, and weaker, signals. In the absence of an S-meter this is a good guide to signal strength. I logged which stations triggered the first and second scan locks (strong and medium signals). Scanning the whole band and making notes only takes a few minutes.

The car aerial is useful tests such as these because it eliminates the variation in strength that would be associated with a portable radio and its directional ferrite rod. Naturally, if reception is not truly omni-directional then that could be a source of error in my measurements, because my car was positioned randomly when I parked it at each test site.

Summary of observations;

	Site 1	Site 2	Site 3	Site 4	Site 5
MW channels with strong signals	5	5	4	6	4
MW channels with medium signals	40	38	31	31	32
Total number of stations locked	45	43	36	37	36

Conclusion

Better MW reception occurred on the low flat land west and away from the escarpment. There was no enhancement associated with either the shape or the height of the escarpment. I would conclude that better reception at Site 1 could be attributed to better ground conductivity than at sites 3.4 & 5. Site 2 should still have good ground conductivity at it was at the spring line, but the escarpment may have had an impact blocking visibility of the horizon to the east.

Based on this exercise I can conclude that neither height nor a physical discontinuity such as an escarpment have any beneficial impact on MW ground-wave reception. However at the coastal location the cliff top sites had a noticeable reception advantage. This might be because the discontinuity is much more abrupt, both physically and electrically. The sea cliffs are much steeper than Garrowby Hill (though similar height) and the change in ground conductivity between sea and land is extreme and sudden.

Footnote: can anyone wave model these terrain situations to see if theory aligns with observation?

MR. I.C. PASSES ON

Texas Instruments

www.ti.com

Jack St. Clair Kilby passed away June 20, 2005, in Dallas following a brief battle with cancer.



There are few men whose insights and professional accomplishments have changed the world. Jack Kilby is one of these men. His invention of the monolithic integrated circuit - the microchip - some 45 years ago at Texas Instruments (TI) laid the conceptual and technical foundation for the entire field of modern microelectronics. It was this breakthrough that made possible the sophisticated high-speed computers and large-capacity semiconductor memories of today's information age.

Mr. Kilby grew up in Great Bend, Kansas. With B.S. and M.S. degrees in electrical engineering from the Universities of Illinois and Wisconsin respectively, he began his career in 1947 with the Centralab Division of Globe Union Inc. in Milwaukee, developing ceramic-base, silk-screen circuits for consumer electronic products.

In 1958, he joined TI in Dallas. During the summer of that year working with borrowed and improvised equipment, he conceived and built the first electronic circuit in which all of the components, both active and passive, were fabricated in a single piece of semiconductor material half the size of a paper clip. The successful laboratory demonstration of that first simple microchip on September 12, 1958, made history.

Jack Kilby went on to pioneer military, industrial, and commercial applications of microchip technology. He headed teams that built both the first military system and the first computer incorporating integrated circuits. He later co-invented both the hand-held calculator and the thermal printer that was used in portable data terminals.

In 1970, he took a leave of absence from TI to work as an independent inventor. He explored, among other subjects, the use of silicon technology for generating electrical power from sunlight. From 1978 to 1984, he held the position of Distinguished Professor of Electrical Engineering at Texas A&M University. Mr. Kilby officially retired from TI in 1983, but he maintained a significant involvement with the company throughout his life.

Jack Kilby is the recipient of two of the USA's most prestigious honors in science and engineering. In 1970, in a White House ceremony, he received the National Medal of Science. In 1982, he was inducted into the National Inventors Hall of Fame, taking his place alongside Henry Ford, Thomas Edison, and the Wright Brothers in the annals of American innovation.

Mr. Kilby holds over 60 U.S. patents. He is a Fellow of the Institute of Electrical and Electronics Engineers (IEEE) and a member of the National Academy of Engineering (NAE). He has been awarded the Franklin Institute's Stuart Ballantine Medal, the NAE's Vladimir Zworykin Award, the American Society of Mechanical Engineers' Holley Medal, the IEEE's Medal of Honor, the Charles Stark Draper Prize administered by the NAE, the Cleo Brunetti Award, and the David Sarnoff Award. On the 30th anniversary of the invention of the integrated circuit, the Governor of Texas dedicated an official Texas historical marker near the site of the TI laboratory where Mr. Kilby did his work. In 2000, Jack Kilby was awarded the Nobel Prize in Physics for his part in the invention of the integrated circuit.

From Jack Kilby's first simple circuit has grown a worldwide integrated circuit market whose sales in 2004 totaled \$179 billion. These components supported a 2004 worldwide electronic end-equipment market of \$1,186 billion. Such is the power of one idea to change the world.

WORKING WITH SPECTRUM ANALYSIS PROGRAMS

by Walter Blanchard G3JKV

If you feel you'd like to have a go at DX'ing by looking at a PC screen instead of getting earache trying to sort out audio signals here's how to do it.

A PC/laptop is essential - if you haven't got one then don't waste time reading further. Plug the audio output from your receiver into the "line input" socket on the back. Check in Programs/Accessories/Entertainment/Volume control whether the "Line" box should be ticked or not - in some cptrs you have to select it; in others the tick does the reverse - mutes it! Move the slider about halfway up and you should be able to hear your rx via the PC loudspeakers.

Now you need a spectrum analysis program. There are many available, all free, the one I use is "Spectran" available from www.weaksignals.com. This is the most user-friendly, but if you really know how they work (unlike me) "Spectrum Laboratory" is excellent. Press "Start" and you should see a lot of noise on the waterfall screen - keep the vertical "volume" line green not red. If nothing then check the "input" command in the Spectran menus.

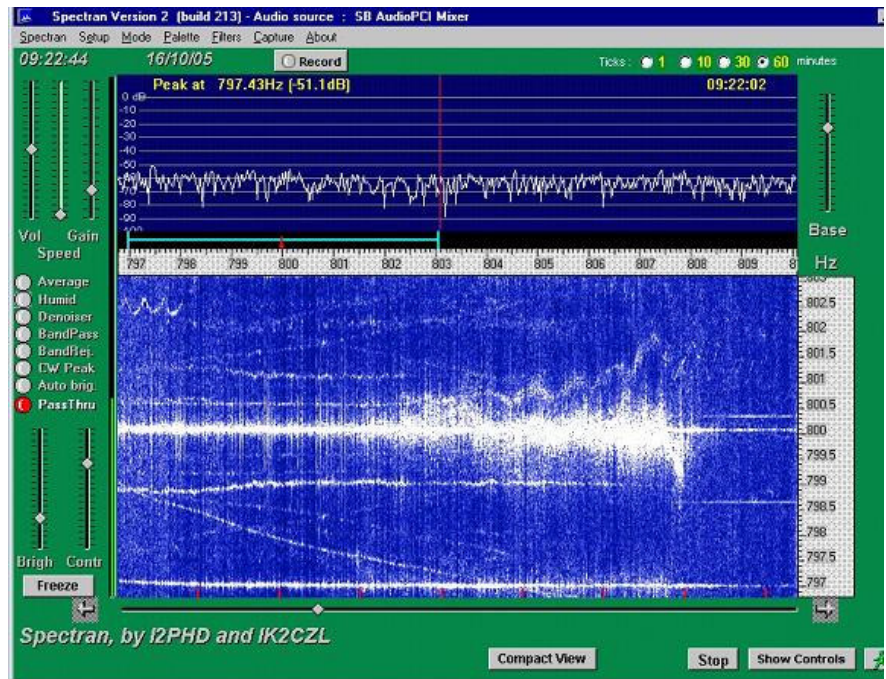
That's the easy bit. Now what are you looking for and how does it work? What these programs do is to search for signals in extremely narrow slices of bandwidth called "bins". They can be as narrow as 0.02 Hz and you can imagine the enormous gain in signal/noise ratio over listening in a 3 kHz bandwidth. This is called "processing gain" and can be as much as 50 dB when you get really expert at it. The program sweeps over each bin successively, sees if there's anything there, then goes on to the next one. However, just inputting plain audio, as received in the a.m. mode, will not do - it's continuously and rapidly changing so there's nothing for the program to see. Only the carrier wave is stable and always present (in a.m. signals anyway) so it must be turned into audio by using the CW (or offset SSB) modes. If you centre the carrier accurately and switch on "CW" you will get a steady tone around the 800-1000 Hz region - on some receivers it can be changed manually and this is the sort of frequency to choose. Of course this means that modulation information is lost so you can now throw away your headphones. If the very narrowest bandwidth is chosen (0.021 Hz in Spectran) the program takes, comparatively, a very long time looking at each bin and if the carrier is unstable or noisy it will think it's just noise and not register it. If, on the other hand, it's nice and stable then it will be registered and after a few sweeps will start showing up on the screen as a bright blip. The signal gain is such that what shows up as a nice bright trace will often be totally inaudible by ear. In this way, extremely weak signals can be detected and the possibilities for DX'ing are obvious. It is all done at audio frequencies using the standard sound card and no extra cards or special cables are needed.

Obviously, the most important requirement by far is that the input signal is stable. If you use CW or SSB modes for detection then you're introducing at least two more oscillators in the receiver itself quite apart from the transmitter which means your receiver oscillators must be extremely stable. Often this is not the case even in some quite expensive receivers. If you find your rx is not good enough then there may be a "high-stability" oscillator option you can get. The ICOM 756PRO III is excellent because it has a hi-stab oscillator fitted as standard. There may be others but this is one I have used. If your receiver is not quite up to scratch then try leaving it on permanently and make sure the room temperature does not change much.

This is the usual problem, but there is another way round it if there's no hi-stab option or you don't want to buy a new receiver. The transmitted carrier can be converted to audio a different way - by

injecting a locally-generated RF carrier offset by, say, 1000 Hz, so if you're listening on 570 kHz then set a signal generator to 569 kHz. This generates a 1 kHz whistle and the stability of the receiver doesn't matter if it is set to a.m. The amplitude of the SG signal will have to be adjusted so that it doesn't operate the AGC and reduce gain so much that weak signals can't be heard. However, what you have now done is to transfer the requirement for stability from the receiver to the SG, so you now need a decent SG. There are many excellent surplus laboratory-type SG's on the market (Racal, Marconi, etc) that will do very well - just check that their frequency source is an ovened crystal, and if you can open the case and have a look the bigger the oven the better. I have a Marconi 2019 that does very well once it has had a few hours to stabilise. The older non-synthesized SG's (Marconi 2008 etc) are just not good enough so don't even think about them.

These techniques will only give you relative frequencies but if you go the SG way and it's a really good one that's been recently recalibrated then it isn't difficult to work out precise frequencies. If the station trace is seen at 1001.5 Hz and the SG is set to 569 kHz then the station freq. is 570,001.5 Hz, but don't push this too far. The audio frequency readout in the program itself depends on the accuracy of the xtal oscillator on



the soundcard which may be rather poor, and also on the bin size. Different soundcards often show discrepancies of up to 1 Hz so quoting frequencies to four places of decimals just because some programs say so is really a bit silly. An excellent, well-calibrated receiver can provide similar accuracy but it needs to be driven by a really good crystal sub-standard and not many receivers have provision for an external standard. The business of how to perform an accurate calibration needs an article all on its own.

“Spectran” can be set to automatically capture its trace at regular intervals and so can be set to run all night. In the morning there will be a set of pictures showing everything that happened on a selected frequency during the night and many happy hours can be spent working out just what some of the traces mean! At its very slowest it can capture 8 hours on one screen, very handy for seeing switch-on and -off times. The difficulty is deciding which trace represents which station - some txs can be identified purely by their frequency offsets and others just by the shape of the trace they produce over a few hours. There are “wanderers”, “wobblers”, “jumpers”, “waverers” and many other odd trace shapes. Yet others can be identified by the times at which they either switch-on or switch-off - the detailed FCC list is very useful here - but there will still be quite a few unidentifiable.

Once you get the hang of it the results can be amazing although it all depends on transmitters not being quite on their allocated frequencies. Main high-power txs are usually spot-on but often lower-powered relays are slightly off by a few Hz and that is enough for them to be separated from the big boys and become visible. Join this group - mwoffsets-subscribe@yahoogroups.com - and you'll find out a lot more including a list of measured offsets.

NEWFIE DX-PEDITION #15

A preliminary report by Jim Renfrew

November 4-14, 2005

Summary

Since it usually takes many months to complete a full and detailed report (necessitated by the need to review dozens of cassette tapes), we offer this initial summary to whet the appetite of those who would like to get an early report on our doings in Newfoundland the week of November 4 to 14. Please note that the items reported below are subject to correction following review of tapes.

The 2005 Newfoundland DXpedition is now completed, with Jean Burnell of Halifax NS (NOV 4-14), John Fisher of Kingston ON (NOV 8-14) and Jim Renfrew of Byron NY (NOV 7-14) having been the participants. As many as five radios were in use: Drakes R8, R8A, R8B, and an ICOM R71A.

For the second year the location was the Round Cove Bed and Breakfast in Cappahayden, a short distance from the location that had been used until 2002. Cappahayden is about an hour's drive south of St. John's. The proprietors are very friendly, and we have the full use of a finished basement for DXing.

One serious problem was some sort of power line buzz that would strike for a few minutes or even hours at a time. We suspect that this is related to salt spray on the lines and connectors. A day of rain seemed to cure the worst of it. At our previous Cappahayden location the local power lines were further from the house, but here the power lines run between the house and the shoreline where the antenna wires run. There were two wires, the "northern wire" aimed at Europe, and the "southern wire" aimed at South America, along with splitters and amplifiers.



Review of Reception

Reception conditions were dramatically different from 2004 when major auroral conditions prevailed. In 2004 conditions were excellent to Africa and South America because Europe was almost completely blocked. In 2005 nearly the opposite conditions were experienced, with good east-west propagation throughout the week. Please note that the word "good" needs some interpretation. At Cappahayden there are typically TA signals on nearly every frequency from around 2:00 PM until 7:00 AM Newfoundland time, so "good" means that all of the signals that can normally be heard were heard. But it was not "excellent" in that there were only a few far eastern receptions and sub-Saharan Africa was almost completely absent. What was most striking was the absence of deep south receptions. Even with quiet atmospheric conditions, just a few of the Brazilian and Argentine regulars were in evidence, unlike previous years when a slew of signals

are available from sunset in Brazil until dawn in Colombia. Jean noted that this was the first DX-pedition in which he was unable to log at least one new Brazilian station.

Even so, with lots of patience and observation there were a number of real gems noted:

Best of the Logs

810 MACEDONIA Makedonska Radio, Skopje, NOV 10 1900 - strong signal with Balkan music, then a full ID at the top of the hour "Makedonska Radio - Radio Makedonia".

846 RUSSIA? Radio Radonezh, Noginsk, NOV 10 1942 - long talk in Russian, struggling to get through Ireland 846, at 1950 bells between news items, faded before the top of the hour. Tentative.

860 CUBA Radio Reloj, Baracoa, NOV 14 0328 - not a new station for us, but unusual because instead of the normal "RR" in code, there were chimes instead. All the other Reloj outlets heard used code. R. Reloj is known to use chimes on Sunday nights, as pointed out by Messrs. Conti and Hauser. Even so, we noticed the non-chime format on other Reloj stations during the same time.

1000 USA KOMO, Seattle, NOV 12 1019 - nice "KOMO Radio 1000" heard through WMVP. We've never heard anything this far west before.

1020 VENEZUELA R. Continente Calendario, Maracaibo, NOV 14 0257 - a DXer's dream of a full five minutes of IDs, following a classical music program.

1035 ESTONIA Tartu Family Radio, Tartu, NOV 10 2135 - light music program.

1125 RUSSIA Radio Orfey, St. Petersburg, NOV 10 1937 - Russian language with classical music, parallel to 1161. This represented the beginning of a good run on Russian stations during the next two hours.

1161 RUSSIA Radio Orfey, Volograd NOV 10 1937 - Russian language with classical music, parallel to 1125.

1170 UAE Radio Sawa, al-Dhabbaya, NOV 8 2018, easily heard through Voice of Russia.

1188 RUSSIA Deutsche Welle, St. Petersburg, NOV 10 2018 - "Hier ist Volna" ID heard at 2030, parallel 6180 kHz German program. Listed at 10 kW.

1197 LESOTHO Family Radio, Maseru, NOV 7 2234 - the unmistakable voice of Harold Camping.

1341 HUNGARY Magyar Katolikus Radio, Szolnok, NOV 10 0352 - music program, led into a program from Vatican Radio at 0410.

1350 LATVIA Radio Tatras International, Kuldiga, NOV 8 2028 - strong dance music, a few IDs as "Tatras" or "RTI".

1377 ARMENIA TWR, Gavar, NOV 10 1910 - noted with a TWR Interval Signal, parallel to the previously logged TWR 864 from Armenia.

1385.9 GUINEA Radio Rurale, Labé, NOV 8 2115 - stood out as one of the few heard from Africa, a strong signal.

1386 LITHUANIA Radio Baltic Waves, Sitkunai, NOV 10 2155 - with Chinese lessons for a Russian audience.

1386 KENYA KBC, Maralal, NOV 12 0215 - steady signal with music and announcements.

1413 UNID SITE Voice of Russia, NOV 10 2001 - very strong in Bulgarian, parallel to 6000 kHz. This seems to have replaced the 1467 Grigoriopol transmission. We wondered if this might be Pristina in Kosovo? Voice of Russia, as noted by the Czech DXer Honzik, is still Grigoriopol, shifted from 1467. The VOR sked in Hauser's DXLD names this as "Chisinau".

1440 RUSSIA Radio France International, St. Petersburg, NOV 10 2035 - French program // to 7315 kHz, weak under Luxembourg which was not using DRM at the time. Listed as 10 kW.

1494 CORSICA Radio Bleue, Bastia, NOV 7 2131 - France-Inter was once the sole program heard on this frequency, but now there are two programs here: Radio Bleue and France Info. Radio Bleue is from Corsica.

1494 RUSSIA TWR, St. Petersburg, NOV 10 2042 - program in Norwegian, interval signal heard at 2058.

1539 DJIBOUTI RTVD, Djibouti, NOV 7 1942 // 4780 shortwave.

1548 SRI LANKA Deutsche Welle, Trincomalee, NOV 12 1730 - at this early hour German language was quickly paralleled to 9545 shortwave. The signal was gone around 1750. This may be the highlight of the DXpedition, as Sri Lanka has not been heard here before.

1557 LITHUANIA Radio Baltic Waves, Kaunas/Sitkunai, with China Radio International in Russian, NOV 8 1815.

1557 UAE Radio Asia, Ras al Khaimah, NOV 13 1842 - heard though out the week with Middle Eastern music under France and Radio Baltic Waves, an ID announcement was finally heard at this time.

1575 UAE R. Farda, al-Dhabbiya, NOV 7 2028.

1700 MEXICO XEKT, Tecate BCN, NOV 12 1034 - in the post sunrise hour we found a series of English ads and announcements for the San Diego area, along with a muffled mention of call letters. This occurred shortly after the KOMO 1000 reception noted above.

Commentary

The most fruitful times for MW DXing were afternoon and early evening, and then again in the hour before and after sunrise.

Some suspected Greek and Serbian pirates were noted on 1627 and 1639.87 on NOV 13 between 2045 and 2145.

DRM signals were noted on 1440 and 1530 kHz, producing a heavy buzz. Fortunately, from such a far distance, there was not much interference to adjacent channels.

After about 2000 UTC, with the absence of any new targets, we usually shifted to shortwave. We found Greenland 3815 on NOV 8 2133-2212, with Greenlandic and Danish talk. As far as we know this is the first North American reception of this station. We also noted nearly all the Indian regional stations on the 90 and 60 meter band, with the exception of AIR Gangtok. All of these sign on between 2355- and 0100. They were in every night we looked for them. An RRI station on 4925 from Sumatra was noted, too. Coalition Forces Radio operates in International Waters on 9133 usb, with Middle Eastern music and announcements, but an ID could not be found when we listened to this station on November 11th, 0127-0300. John and Jean enjoyed spotting various European pirates, while Jim dug around in the longwave band looking for beacons. During the sunrise listening period there were numerous domestic stations logged for the first time.

Watch for our complete report in months to come.

RADIO WANNO 999kHz

with John Williams

A new radio station mainly run by prisoners and aimed at Wandsworth jail's 1,200 inmates is now on air.

Radio Wannu - the first project of its kind in the UK - aims to reduce re-offending rates by encouraging prisoners to take more of an interest in education.

The station was set up by Radio for Development, a media consultancy specialising in public education campaigns. Its director, James Greenshields, hopes similar prison-based stations will follow. "As half of all prisoners are at, or below, the reading age of an 11-year-old, we look forward to Radio Wannu playing a major part in encouraging prisoners back into mainstream education."

Wandsworth Prison (in South London) was chosen as the pilot site, and a Steering Committee of prisoners and officers was established early on to take the idea forward. With funding secured, the station was officially opened by Cherie Booth QC on 27th January 2004

BBC London which, along with others, will be working with the station, will play a part in developing broadcast and production skills which may be of use to inmates on their release.

Mark, a 34-year-old prisoner, is one of the core workers on the project. A law-abiding, employed citizen until he became addicted to crack cocaine, he is now serving his fourth prison sentence, but this is the first to give him positive hopes for his future and a belief that he can stay off drugs. "I have learnt how to research programmes, to build ideas and get a basic grasp of the mechanics of radio," he said. "Above all though, I have learnt how to communicate with people properly." He hopes his example will inspire other inmates.

Jim Heavens, the governor of Wandsworth, accepts that the prison has lived with a "hard" image in the past. He regards improved communication with prisoners as vital and intends to host Ask the Governor sessions, in which inmates will be invited to share their views of how the prison is run. Paul Benson, a senior officer at Wandsworth, said: "I have high hopes for the station, but it is

important that listeners are 'grabbed' in the early stages while it is still a novelty."



Ms Booth said: "This project could be a model - if it works here, in one of the oldest and toughest prisons in London, it can work anywhere."

Seven inmates and two men who were recently released were given certificates for successfully completing the BTEC National Award in Media (Radio). Almost half the men gained the qualification with distinction. The two former inmates will begin studying for a media-related degree at the end of this month.

The course, taught by Lambeth College, was provided as part of the Prison Radio Project, initiated by the educational media consultancy Radio For Development (RFD). Inmates learned a range of broadcasting skills, while running the prison-wide station, Radio Wannu. *(Information from various web sites)*

[Radio Wannu operates with an inductive loop aerial system to restrict reception to the prison.]

NDB & DGPS OCTOBERFEST

with Alan Gale

Readers of the November edition of Medium Wave News can't help but have noticed that something very special happened on the Medium Wave Broadcast Band in late October and early November, and a DX Loggings section of a record 42 pages just goes to confirm this. With a highlight of Martin Hall's logging of a Hawaiian MW station – probably the first one ever heard here in the UK, it's little wonder many listeners are claiming that this is one of the best openings in the past 15 years, and rightly so too.

Whilst MW DXers were busy logging the vast numbers of North American stations that seemed to be all over the band, those of us who like to chase the Non Directional Beacons, DGPS Beacons and NAVTEX stations on the frequencies below the Medium Wave Broadcast Band were also having a field day as well. With no beacon/utility column in the magazine to report all these fine 'basement' catches, it seemed only fitting to produce a short article outlining some of the amazing catches made by many of the Beacon enthusiasts during this spectacular period.

It was very fortunate that conditions took a turn for the better on the last weekend in October, since members of the NDB List e-mail reflector were holding their monthly 'Co-ordinated Listening Event' (CLE) at that time, and this meant that a great number of members were concentrating their efforts on a small section of the NDB Band covering 370 to 384.9 kHz. It quickly became apparent that the good conditions weren't just restricted to transatlantic paths, although the very low solar indices were giving signals from these areas a boost, that's for sure. We UK beacon fans are well used to the constant variations that occur on these 'downstairs' frequencies, where on one night all of Scandinavia appears to be audible, whilst other areas seem to be switched off, and the more 'southerly' nights, when French and Spanish beacons seem to dominate the band. Over this period though it appeared that every direction was wide open, and this small section of band was just bursting with activity. I myself logged over 100 beacons just in this 15 kHz section alone, and this included my first ever reception of a Caribbean beacon, when **ZIN** from the Great Inagua Is. in the Bahamas, some 6935 km from here, was heard coming in clearly on 376 kHz. This then encouraged me to take a look outside of the CLE 'target' zone to see if there was any sign of another beacon, **ZDX** in St. John's, Antigua, which had been reported by a number of members in France and Spain. Sure enough, there it was, coming in nice and clearly on 369.0 kHz – some 6497km west of the UK. Check out my recordings of these at:

<http://www.beaconworld.org.uk/nnamsounds.htm>

Canadian beacons are frequently heard here on many nights throughout the year, but rarely at such good signal strengths, and even the world's most northerly beacon, **LT** 305.0 kHz, which is located in Alert Bay in Nunavut, Canada - often right underneath the North Polar Geomagnetic Field was being widely reported in many European countries as well. On the night of the 28th of October I logged 30 Canadian NDBs, with US beacons **CLB** at Carolina Beach, NC also heard on 216 kHz, and **DDR** in San Juan Puerto Rico also very good signals here. I wouldn't say that this was the best night for T/A reception that I have ever heard, but it would certainly be up there in the top three of any all-time list in my humble opinion.

It wasn't only the NDBs that were producing some great surprises here, but many DGPS beacons and NAVTEX stations were propagating over some vast distances as well. Much to my great delight, I'd not only heard several of the Canadian DGPS beacons, which are often received here under good T/A conditions, but on the previous night (27th October), I'd also heard my very first ever US DGPS Beacon as well, from Greensboro, NC on 303.0 kHz. I had long suspected that if a US DGPS beacon was going to be heard here, it would most likely be on 303 kHz, since only two beacons in the whole world operate on this channel, and both are located in the USA. Data signals

have been heard here many times, but always at levels too low to decode, or with too many static bursts to get a decent lock on them. On the morning of the 27th though, conditions were perfect, and static free, and a data signal was clearly audible on the channel. When I opened my Skysweeper programme and set it to 100bps it very quickly burst into life showing the following decode:

October 27, 2005 02:10:06 (utc)

```
Preamble           : 102
Message Type       : 9 GPS Partial Correction Set
Station Number     : 46
Z Count            : 969
Sequency Count     : 0
Num of Data Words  : 10
Health             : 5 UDRE scale factor = 0.1
Satellite Id      : 11
```

Station #46, that was what I had been searching for, this was Greensboro, NC, and at long last it was appearing on my screen! Just to ensure that I wasn't imagining things I left the decoder parked on the channel for the next two hours, and with the exception of several fades, it continued to decode this with very little difficulty. Needless to say, it was a very happy man that finally crawled off for some badly needed sleep when local Dawn finally came along and ruined all the fun.

The records continued to fall:

It wasn't just me that was finding a great many signals, which are rarely ever heard here during this opening though, and I thought it was well worth putting on record some of the many superb catches made by a number of the other beacon enthusiasts around the world during this period as well.

In North America, MWC member Andy Robins, of Kalamazoo, MI reported that he had heard his first T/A beacon on the 30th of October, when **FLO** on 270 kHz from Flores in the Azores made the long trip over to his QTH. Andy said that he was "walking on air" after finally catching this one after countless hours of searching for it. This wasn't to be Andy's last big catch though, and just five days later he heard another very distant beacon, when **BHZ** on 520 kHz from Belo Horizonte in Brazil was also received at his Michigan QTH, a distance of some 5,031 miles, or over 8000km!

Further south, Dick Palmer in Green Valley, Arizona was decoding NAVTEX signals from Nuuk in Greenland on 518 kHz on the 27th of October, whilst around the same time, Patrice Privat near Paris, France was receiving NAVTEX signals from New Orleans at 0300 UTC. The 27th continued to be a great night for T/A reception for listeners on both sides of the Atlantic, and Vernon Matheson in Truro, Nova Scotia, logged one beacon from the Azores, two from Spain and four from Portugal. Signals were also propagating well to the east, with beacon **AZ** and **KZ** from Lipetsk and Kizliar in Russia on 455 kHz reported by Tracey Gardner and Arnie Nesbitt in the UK, and Roelof Bakker in the Netherlands. Paul Crankshaw in Troon, Scotland heard Canadian beacons on a number of nights throughout the period, but on the 30th he reported big signals from a number of them, with **UX** on 378 kHz from Hall Beach, and **YTE** on 332 kHz from Cape Dorset, NU also heard. **YCO** 372 kHz from Coppermine, and **RB** on 350 kHz from Resolute, both in NU, and **DF** from Deer Lake, NL on 350 kHz, were both heard by Paul at almost deafening levels.

That wasn't to be the end of it though, and on the 30th Vernon was again a happy man, when this time the southerly enhancement brought in **UCY** in Cuba on 380 kHz, and **PEL** on 410 kHz from Point Pelada in the Amazon area of Brazil. **GUA** on 375 kHz from Guatemala City in Guatemala, Central America completed an interesting and productive night of Dxing for him. The 30th was also a good night for many other European listeners, with Franck Baste in St Bonnet de Rochefort, France hearing ten Canadian NDBs, mostly from Newfoundland/Labrador, Quebec and Nov Scotia, and Brian Keyte in Surrey hearing ZDX coming into the UK from Antigua once again.

Probably one of the most interesting logs for this night came from Giorgio Casu on Sardinia Island, who heard **JT** Stephenville, NL on 390 kHz and **ML** Charlevoix on 392 kHz from Quebec. Signals were certainly travelling a long way to the east on that night. Just as Andy had already done, Giorgio found another great opening on the 4th of November, and this time he heard **CLB** on 216 kHz from the USA, a distance of some 7,442 kilometres from his QTH. The band wasn't yet finished, and on the 5th of November, whilst we in the UK were busy letting off fireworks to commemorate Guy Fawkes Night, Andy Robins probably felt like letting off a few himself, when he logged his second Brazilian, with the capture of **PEL** on 410 kHz from the Amazon.

Other notable catches made during this great period included the reception of **ZDX** from Antigua by Tjaerand Bauge in Norway, **CRJ**, Carajas Brazil on 1700 kHz by Jose Manuel from La Coruna in Spain, and **ASN** on 360 kHz from the Ascension Islands by both Vincent Lecler of Poitiers in France, and Finbar O' Connor of Malin Head in the Irish Republic. Roelof Bakker in the Netherlands also showed us how good conditions to the east were, when he logged **RST** on 393.0 kHz from Rasht, Iran, and **TBS** from Tabas, Iran on 395 kHz on the evening of the 27th of October.

This period may well be looked back on for many years to come as a 'golden moment', but with Solar Minimum due around the end of 2006, perhaps this was just the curtain raiser ahead of the main event, and even better conditions will be here soon, and hopefully more frequently. Perhaps all the above loggings will look like easy catches several years from now (he says optimistically!)

It might be worth taking a look at what some of the solar indices were reading around this period, I know I will be checking them every day for a similar set of readings:

The current time is: 01:46 UTC on Monday, October 31, 2005

Current Solar Indices from WWV 31-Oct-2005 at 0005 UTC **SFI = 76 A = 5 K = 1**

Three Day SFI and A-index Forecast (updated daily after 2200Z) This report issued Oct 29, 2005 at 2204Z

Date	SFI	A-index
29 Oct	075	5
30 Oct	075	5
31 Oct	075	5

NOAA (American) Sunspot Number: This number is reported daily around 0225Z and reports the number of sunspots observed in the previous 24 hour period:

The NOAA Sunspot number for 29-Oct-2005 was: **11**

Most recent five days (oldest first): **0 0 0 0 0**

GOES-8 Background X-ray Flux:

This value is reported daily around 0225Z and reports the average background x-ray flux level as measured by the GOES-8 satellite. The GOES-8 Background X-ray Flux level on 29-Oct-2005 was: **A1**

Most recent five days (oldest first): **A0 A0 A0 A0 A0**

And Finally:

I know that when the conditions are as good as this it's very difficult to tear yourselves away from the MW Broadcast Stations, but if you get half a chance to check out the NDBs when the band is open it's well worth the effort. Even if you can't, you might still consider setting up that spare receiver on 518 or 490 kHz, and monitoring the NAVTEX signals using a programme like the excellent SeaTTY. This won't distract from your DX chasing, and you might well be surprised at just what you hear during these enhanced conditions. Hearing a low powered beacon, or a NAVTEX station from such a long, long way away is every bit as satisfying as hearing a broadcast station – just ask any of the people listed above!

In the anticipation of further great openings like the ones mentioned in this article, I have put together a 'Hit List' of Transatlantic frequencies to check when the band is again being very kind to us (but check them regularly anyway, you might be very surprised!). **JC** Rigolet on 396 kHz is usually a regular here, even when others aren't audible, and **DF** Deer Lake DF on 350 kHz is another one that always seems to put a strong signal into Europe. Most of the Canadians have the lower sideband suppressed, so it's generally better to look for them at 400 Hz above the listed carrier frequency - e.g. **JC** would be on 396.4 kHz. All below are +400 Hz unless stated otherwise:

kHz:	Call:	Location:	COU:	kHz:	Call:	Location:	COU:
216.0	CLB	Carolina Beach (1020)	USA	358.0	YKG	Kangiqtujuak QC	CAN
220.0	BX	Blanc Sablon QC	CAN	360.0	PN	Port Menier QC	CAN
224.0	QM	Moncton NB	CAN	360.0	ASN	Ascension (+/-1020)	ASC
245.0	CB	Cambridge Bay	CAN	362.0	YZS	Coral Harbour	CAN
247.0	YDP	Nain NL	CAN	362.0	JAN	Jan Mayen	JMY
250.0	YMH	Mary's Harbour NL	CAN	363.0	1F	Bathurst NB	CAN
256.0	YCY	Clyde River NU	CAN	364.0	2B	Springdale NL (-400)	CAN
263.0	QY	Sydney NS	CAN	366.0	ZMN	Moncton/Mike NB	CAN
270.0	FLO	Flores (+/-1020)	AZR	366.0	YMW	Maniwaki QC	CAN
274.0	SAL	Sal (0)	CPV	369.0	ZDX	St. Johns (+/-1020)	ATG
276.0	YHR	Chevery QC	CAN	370.0	GR	Grindstone QC	CAN
280.0	QX	Gander NL	CAN	372.0	OZN	P.Christian Sund	GRL
281.0	CA	Cartwright NL	CAN	373.0	YXK	Rimouski QC	CAN
305.0	YQ	Churchill MB	CAN	375.0	GUA	Guatemala City (1020)	GUA
305.0	LT	Alert Bay (NU)	CAN	376.0	ZIN	Great Inagua (+/-1020)	BAH
323.0	UWP	Argentia NL	CAN	378.0	HO	Hopedale NL	CAN
326.0	FC	Fredericton NB	CAN	378.0	UX	Hall Beach NU	CAN
332.0	YFM	La Grande 4 QC	CAN	380.0	UCY	Cayabo (+/-1150)	CUB
332.0	YTE	Cape Dorset NU	CAN	385.0	NA	Natashquan QC	CAN
338.0	5Y	Trenton NS	CAN	390.0	JT	Stephenville NL	CAN
339.0	YFT	Makkovik NL	CAN	391.0	DDP	Dorado (+/-1020)	PTR
340.0	YY	Mont Joli QC	CAN	392.0	ML	Charlevoix QC	CAN
346.0	1D	Charlottetown	CAN	396.0	JC	Rigolet NL	CAN
347.0	YG	Charl'town PE	CAN	401.0	YPO	Peawanuck ON	CAN
350.0	DF	Deer Lake NL (+1020)	CAN	404.0	YSL	St Leonard NB	CAN
350.0	RB	Resolute Bay NU	CAN	410.0	PEL	Point Pelada	BRA
356.0	AY	St Anthony NL	CAN	414.0	BC	Baie Comeau QC	CAN
358.0	NL	St Johns NL	CAN	520.0	F9	Miramichi NB	CAN

DGPS Targets:

DGPS Targets:			NAVTEX:			
280.0	#340	Cape Ray NL	CAN	200bps	490.0	International Languages
303.0	#46	Greensboro NC	USA	100bps	518.0	Worldwide English Language.
310.0	#342	Cape Norman NL	CAN	200bps		
315.0	#338	Cape Race NL	CAN	200bps	#Check for New Orleans at 0300 utc	
319.0	#332	Pont Escuminac NB	CAN	200bps	on 518.0 kHz	

Note# No European DGPS beacons operate above 315 kHz, so if you hear a signal on 319 kHz it's most probably Point Escuminac!)

Some Useful Links:

SeaTTY (NAVTEX/RTTY demo version)	http://www.dxsoft.com
RadioRaft: (DGPS-DOS only demo)	http://perso.wanadoo.fr/radoraft/index.htm
Skysweeper: (DGPS-Windows demo)	http://www.skysweep.com
General NDB/NAVTEX/DGPS Info:	http://www.beaconworld.org.uk
NDB List e-mail Reflector:	http://groups.yahoo.com/group/ndblist

Please note that 'RadioRaft' will not run on versions of Windows later than Windows 98, but an old PC or Laptop loaded with MS-DOS or Windows 95/98 should handle it with no problems. A 'Hamcomm' type serial interface is required with this programme, whereas Skysweeper and SeaTTY both work by having the audio fed from the receiver's line output/speaker/headphone socket to the computer's soundcard line input.

My thanks to all the members of the NDB List e-mail reflector for the use of their log information.

THE QUEST FOR HAWAII

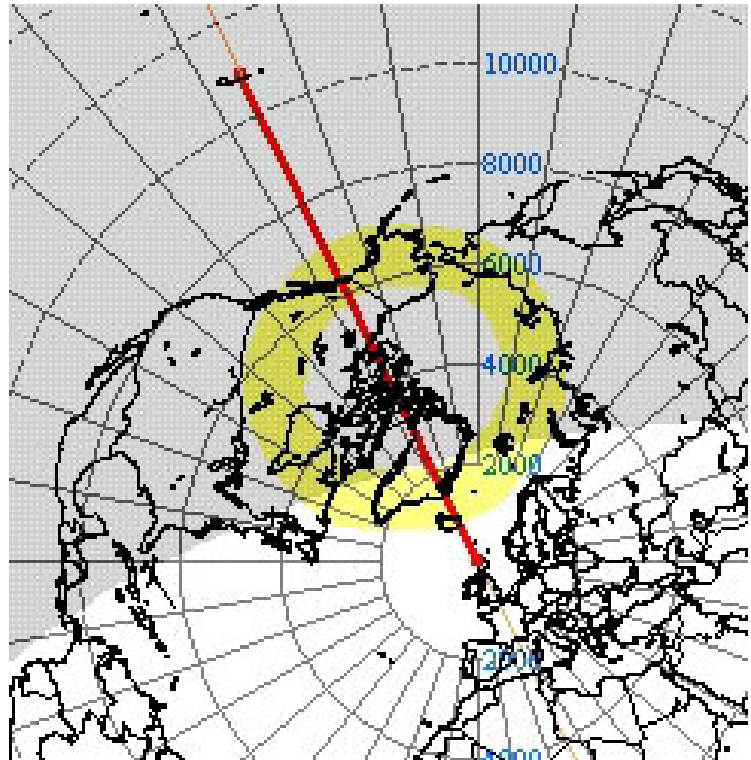
with Martin A Hall

e-mail: martinhall@gorrell.co.uk

Introduction

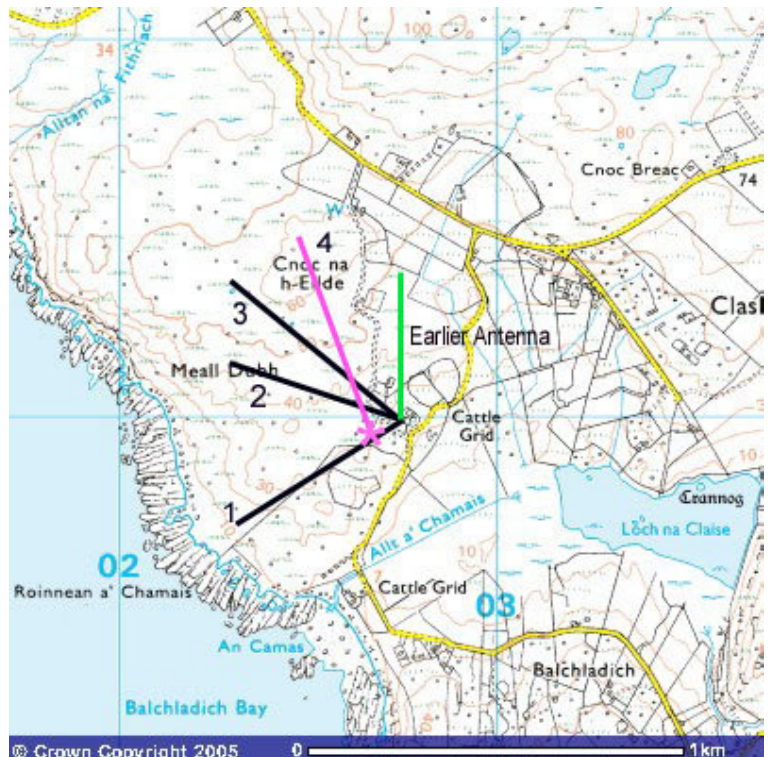
For the past couple of years my thoughts have turned occasionally to the possibility of receiving stations from Hawaii in the UK. After all, they're often reported by Scandinavian DXers, so why not here? Argentinian stations are regularly heard in Clashmore, and their distance is similar to that of Hawaii - the main difference being that signals from Hawaii have to pass right through the auroral zone, where they are heavily attenuated.

Of course, signals from Alaskan have to pass through part of this region as well, and they have been heard in Clashmore during periods of quiet solar activity, so the conclusion was that Hawaii was a definite possibility. The great circle map shows the bearing of Hawaii and the day/night regions at 1130 UTC on 24 Oct 05 (the auroral oval shown on the map is simply a generic representation, and doesn't reflect the actual extent of the auroral zone at that time)



Antennas

The first task was to improve the antenna system; in recent seasons Alaskans have come in reasonably well on the 315° bearing (3), which is actually directed to California, but they weren't audible on the 360° bearing, which should have given better results. So, I decided that the 360° bearing would have to come down, and be replaced by a better antenna. Was the poor performance due to the fact that it went under the 11 kV power line, which could be rather noisy at times, and which terminates between my house and the holiday cottage behind; or was it because at 360 metres, it just wasn't long enough?



I'll never know, but I decided that any replacement antenna should be at least 500m in length, and be well away from the power line. The only way to achieve this was to terminate the antenna some distance

from the house and use a length of buried coaxial cable (RG-213) as feeder. Having surveyed the terrain locally for a suitable site, this is exactly what I did, and a 550 metre beverage was installed in late September on a bearing of 340° (4), almost end on to Hawaii, and only 15° further west than the optimum for Alaska (note that all my antenna bearings are magnetic, so subtract 6° to calculate the true bearing). The map shows the layout of the antennas, and the photo shows the termination of the antenna at an old fence post, the matching transformer in its waterproof box, earth connection, and coaxial feeder arrangement.

Time

Although long-haul DX from west coast North America and Alaska may occur at any time during the winter months, the highest probability of success, and the best signal strengths, have been experienced in October and December in recent years. Alaskans are also best heard when the North American east coast stations have faded to clear their channels, and when European stations are in daylight, thereby reducing splatter; this can occur any time from 0900 onwards, with reception extending to past 1400 on days when a run of low indices has been experienced. It seemed reasonable to expect the same to be true for Hawaiian stations, and the experience of Scandinavian DXers supported this view.



Frequency

Many of you will be familiar with the KOJE (Kuultavissa Olevat Jenkit) listings of North American stations audible in the northern Scandinavian countries and their degree of difficulty (this is available from Esa Hänninen's excellent website at <http://www.diccons.com/ejhindex.htm>). There are also two more lists available via this site, KOH (Kuultavissa Olevat Havaijilaiset) "Hawaii on the Air", and KOMEX (Kuultavissa Olevat Meksikolaiset) "Mexico on the Air". Each list categorises stations with a "number after the frequency means the 'difficulty' for to hear in Finland, Sweden and Norway. -1 means the easiest catch, -2 means that the station has been heard occasionally and -3 is possible to hear". In the past I've found that this categorisation holds true in Clashmore for all but North American stations in the eastern states and provinces, so I assumed it would be a good guide in this case. The Hawaiian stations within the -1 category are 760 KGU, 830 KHVH, 870 KHNR, 900 KNUI, 1040 KLHT, 1460 KHRA, and 1500 KUMU; here is the KOH list extract for KUMU:

FQ/GR	Call	City	A	SCH/UTC	News	Format	Other info (slogans, simulcasts etc.)
1500-1	KUMU	Honolulu	U1	H:24Hr	CNN/Ap	AS/NOS/TLK	"Kumu", "The New Talk of Honolulu", "Great Songs, Great Memories", "Original Hits", Air America, rFM-94.7, WW1, Unis

Each of these channels was checked on the new 340° beverage to see how quiet they were in the late morning and early afternoon, with 1500 kHz LSB being the quietest, and 1040 kHz USB being the next quietest. These were the channels I believed most likely to yield results, and worth regular monitoring.

Success!

So, the antenna's erected and appears to be working well - and there's an added bonus; when I first considered the antenna, I was thinking about maximising gain in the direction of Hawaii and Alaska, but early use highlighted the benefit that the first null in the beam is pointing down the east coast of North America over much of the MW band. For example, 780 CFDR can be booming in on the 290° and 315° beverages, but on the 340° antenna it disappears completely, leaving the way clear for WBBM and KNOM to come through. All we needed was a run of low indices to provide the opening for the DX. If you take a look at the Ionospheric Report in this and last month's MWN, you'll see that apart from one or two days the A and K Indices remained at very low levels between 2nd October and 3rd November.

Alaskans were first heard on 15th October and again on the 16th; then I had to travel south for a few days while the indices remained low. Arrggh! - what was I missing? When I returned home on the 22nd the indices were still low and conditions had improved further, helping me hear several Alaskan stations, including two UK Firsts - 1080 KUDO and 1140 KSLD, but nothing on the Hawaiian channels. Things were looking promising! The next day conditions were even better, with west coast stations appearing as early as 0510, and another UK First from Alaska in 590 KHAR. Regular checks were made of the Hawaiian channels throughout the morning, and faint traces of what could only have been KUMU were noted at 1252, fading in and out of the noise, peaking to very weak at best - but the peaks never coincided with any IDs, and nothing was heard after 1342. Would conditions hold for another day??

Because the DXing was so good I cancelled a morning engagement on the 24th so I could stay at the receiver controls, and was rewarded by more UK Firsts, including 700 KBYR and 650 KENI from Alaska. And then success came almost by accident - I'd been checking out an interesting station on 1430 kHz, which turned out to be KLO in Ogden Utah, fortunately ID'ing just before the half-hour at 1128. Where to listen next to catch an ID on the half-hour? Why not 1500 kHz? - and there it was! I tuned in just at the right time to catch KUMU on a weak peak with a programme promo - as much by good luck as judgement. It was obviously KUMU, and after later careful analysis of the recording with help from Steve Whitt, and checking some of the Scandinavian DX mags, the detail was picked out as "... 6 am to 5 pm right here on Kumu AM 15 hundred ... 35 years ... memory week ... 6am to 5pm on Kumu AM 15 hundred, the talk of Honolulu". Heard in and out of the noise until after 1150, but only occasionally as good as at 1130. If you want to listen to the clip, you'll find it at http://www.gorrell.supanet.com/1500_KUMU_24Oct05.mp3.

Conditions were quieter for the next couple of days, but were much improved by 30th October, when three new Alaskan UK Firsts were heard - 620 KGTL, 830 KSDP, and 850 KICY, but no signs of Hawaii. Conditions had deteriorated by the next day, although Alaskan stations were still being heard at good strength - nevertheless, an interesting possibility was noted on 830 kHz between 1124 and 1139, mixing with KSDP - perhaps this was KHVH. Although Alaskans were heard for the next 3 days, conditions continued to deteriorate and no further traces of possible Hawaiian stations were noted

What Next?

The 340° antenna is working well, so perhaps more stations from Hawaii can be heard in the UK when conditions are suitable. What is clear is that a good antenna is a must - the Alaskans were all much weaker on the 315° beverage, and KUMU was simply inaudible. And while I was hearing Hawaii, the Kongsfjord DXers in the north of Norway (visit <http://www.kongsfjord.no/> for more details) were hearing stations from all over the Pacific, including New Zealand - so there's lots more DX out there waiting to be heard from the UK!



NORTH AMERICAN NEWS

✉ 20 Ryehill Park, Kirklington, Carlisle CA6 6BH

with Barry Davies

e-mail: na-news@mwcircle.org

Welcome to another round up of what's been happening on the North America AM dial. My grateful thanks to the organisations which provide the news. Thanks this month to :- NERW, NRC, IRCA, Radio & Records.com, Upper Midwest Broadcasting and DX midAmerica



- 760 WEFL** Tequesta FL. This ESPN sports station has been sold. No news on formats.
- 870 WWL** New Orleans LA. The post hurricane URBNO network has now closed.
- 920 WOKY** Milwaukee WI. This station puts away its nostalgia records and brings out the Christmas songs for a couple of weeks.
- 960 CHNS** Halifax NS. This oldies station has asked to move 89.9FM.
- 1090 WILD** Boston MA. The station surrenders its classic R&B format to "Wild 97.7" FM. WILD AM flips to black gospel as "Praise 10-90."
- 1160 WAMB** Donelson TN. This big band day timer is moving to 1200kHz. 09/01/06. Their daytime power will drop from 50kW to 10kW. (ed's QSL)
- 1270 KTFI** Twin Falls ID. Flips from golden oldies to classic country songs.
- 1270 CHAT** Medicine Hat AB. This country music station is now testing their new FM outlet. The AM signal should be off by April 2006. (Nigel Pimblett)
- 1300 WTIR** Cocoa Beach FL. The station flips from tourist information to SS "Latina 1300 WTIR la radio de todos."
- 1300 WERE** Cleveland OH. This station has fine tuned its format from News Talk to just Talk. Their web site lists overnight network talk shows but does not say which ones.
- 1350 CKDO** Oshawa ON. This oldies station is moving to 1580 with 10kW. No date yet.
- 1470 WHBO** Dunedin FL. New calls here. (ex WLVU) No news of any format change from ESPN sports radio.
- 1680 WTTM** Lindenwold NJ. Change of city of licence (ex Princeton). Lindenwold is just West of the Philadelphia market. The station has been stunting with back to back country music and soft pops pending the move from Princeton. The new format will be SS. WLAA Winter Garden FL is also SS just to help with IDs!
- 1700 KKLK** Richardson TX. Another city of licence change from Sherman but still // 570 KLIF's talk format and 50 miles closer to the Dallas market!

ABC stations could still be sold off! Disney boss Robert Iger did **not** rule out the sale of Disney owned stations at the company's recent AGM. There are apparently a couple of interested buyers! I guess it's a case of "watch this space." (Radio and Records .com)

That just about clears my "In Tray" for another month so I'll sign off with best wishes for a Happy Christmas (or Holidays) and a great 2006 DX year to one and all.

Barry

Network News Timings Updated October 2005 by Barry Davies

Network	Time	
ABC	:00	Five note brassy fanfare. "From ABC News. I'm Joe Rock"
	:02	"You're listening to ABC news." & 60 second commercial spot.
	:03	Back to the news
	:04.30	"This is ABC news" 30 second commercial break.
	:05	"Joe Rock ABC News." And out.
CNN	:00	4 note orchestra fanfare. "CNN radio news I'm Joe Rock."
	:02	"The most trusted name in news, this is CNN radio." "pitter patter" mx effect & 60 sec. spot
	:03	More news
	:04	"This is CNN radio." and more news.
	:05	"I'm Joe Rock, this is CNN Radio" and out.
CBS	:00	2 note dinner gong and 5 note orchestra fanfare, "CBS news I'm Joe Rock"
	:03	"This is CBS news." 60 second commercial break
	:04	Back to the news
	:05	"Joe Rock CBS News." And out
USA	:00	10 note musical fanfare. "USA Radio Network news Joe Rock reporting."
	:01.30	"This is USA Radio Network news" 60 second commercial break
	:02.30	More news
	:03.30	"This is USA Radio Network news. " 30 second commercial
	:04	More news
	:05	"More news at usaradio dot com. Joe Rock reporting USA Radio Network news." And out
AP	:00	6 note string type fanfare. "AP Network News I'm Joe Rock
	:02	"This is AP Network News" NO commercials and news continues
	:05	"I'm Joe Rock, AP network news." And out.
FOX	:00	Fast 7 note fanfare. "Fox News Radio I'm Joe Rock"
	:02	"You're listening to Fox News Radio fair and balanced." 60 sec. spot
	:03	Straight into next news item (or news ended after two minutes.)
	:05	"I'm Joe Rock Fox News Radio" Low level mx fanfare and out.
IRN	:00	Percussion news mx. "With news on the Information Radio Network I'm Joe Rock."
	:01	"You're listening to IRN news" 60 second commercial break
	:02	More news
	:03	"For more news and analysis logon to irnnews dot com" 30s break
	:03.30	More news
	:05	"I'm Joe Rock and that's news on the Information Radio Network."
Broadcast News	:00	Percussion news music and "Broadcast News this is Joe Rock."
	:03	"This is Broadcast News" then sports news
	:04	Percussion news music and "This is Broadcast News" and out.

CENTRAL AMERICAN NEWS

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with Tore Larsson

Cuba

670 CM.. Radio Reloj, unknown location. Minute markers, RR code Ids and syncopated clock under Radio Rebelde. New, not listed, never received on this frequency before. Conti, NRC IDXD 72/30
Last year DST lasted all winter but this year, per <http://www.timeanddate.com/time/dst2005b.html> Cuba is scheduled to go back to UT -5 on 30.10.2005 at 0500 UT, same date as US! So it will no longer be in step with the Bolivarian Republic of Venezuela. Glenn Hauser, DXLD 25.9.2005

Puerto Rico

630 WUNO San Juan, applies to move to a new two-tower site at N18-25-59 W66-16-22. WUNO would remain U3 5/5 kW. NRC AMS V72/30
1240 WALO Humacao granted to move their transmitter site to a new shorter tower at N34-45-23, W87-41-08. The station remains 1/1 kW. NRC AMS V73/2

SOUTH AMERICAN NEWS

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with Tore B. Vik

Argentina

750 Future plans: New station operating from Universidad Nacional de Lomas de Zamora.
970 R. Genesis – new religious station from Buenos Aires. Cornachioni in ConDig

Bolivia

1020 CP4 R. Illimani – new web: www.comunica.gov.bo/illimani/indice.html José Miguel Romero in HCDX

Brazil

As reported in Portuguese in the DX Listening Digests 5-164 and 5-165, thanks to posts from Eros John Cabral de Santana, Célio Romais and Huelbe Garcia on the radioescutas yahoo group, we have specific info about IBOC tests which have just been authorized on a few stations in Brazil:

600 ZYK278 R. Gaúcha, Porto Alegre, RS - 100 kW – whether "IBOC" will be day and night is not mentioned
1150 ZYL283 R. Globo Minas, Belo Horizonte, MG – "IBOC" day and night, 50/5 kW
Test authorization is for one year. There are also two FM stations, all using Harris "Dexstar" equipment. Who will manage to DX the IBOC sidebands overseas if not actually demodulate it? (DXLD 5-165)
1430 ZYK707 R. Imaculada, São Roque, 25 kW (new station) - ☒ Estrada Moro Grenade, 870-Bairro dos Fincos – Riacho Grande, 09830-670 São Bernardo do Campo, São Paulo – Web: www.milicia.org.br Gert Nilsson
1560 ZYK369 R. Ourense (RS172) is the official name of this station. C.P. is not valid. Rolf Wikström, ARC

A list of Brazilian splits from Mauno Ritola (source: www.ondascurtas.com/listasemissorasmw.asp):

589,86	R. Tribuna, Vitória	1400,15	R. Vale do Vasa-Barris, Jeremoabo
649,90	R. Tupi, Santos	1409,80	R. Itaperuna
659,88	R. Friburgo, Nova Friburgo	1459,85	R. Cultura, Lorena
669,96	R. Oceânica Caraguatatuba	1469,60	R. AM de Parelhas
729,94	R. Cidade, Jundiaí	1470,05	R. Vale do Paraíba, Barra do Pirai
1049,95	R. Capixaba, Vitória	1479,95	R. Solimões, Nova Iguaçu
1110,09	R. Cultura, Campos	1550,70	R. Imperial, Petrópolis
1120,40	R. Eldorado, São José dos Pinhais	1559,95	R. Grande Rio, Itaguaí
1169,96	R. Sociedade, Oliveira	1570,10	R. Metrópole, Cachoeirinha
1189,95	R. Juazeiro	1579,76	Radiovox, Muritiba
1209,95	R. Clube, Varginha	1579,95	R. Geração 2000, Teresópolis
1251,70	R. Difusora, Poços de Caldas	1580,10	R. Educadora, Afonso Cláudio
1270,04	R. Continental, Campos	1590,26	R. Floresta Negra AM, Joinville
1309,95	R. Atalaia, Maringá	1590,93	R. Resende AM

WORLD NEWS

[Europe, Asia, Africa] 16, Whitmore Ct, Little London, Silverstone, Northants, NN12 8UP
With Jeff Weston e-mail:world-news@mwcircle.org ☎ 01327 858472

Algeria / Western Sahara

Polisario Front Radio from Tindouf, Algeria now on air with new equipment on exact 1550.00 kHz [formerly on odd freq wandering around 1547...1551 kHz], starts with Holy Quran prayer at 1700 UT daily, nearby Moroccan counter jammer starts at 1658 UT on 1553.3 kHz and fades up to 1553.7 kHz around 1715 UT. (*73 Wolfgang Büschel travelling Andalusia Spain, wwdxc BC-DX (5/11-2005)*).

Angola

Central Huambo Province's regional RNA radio station will, in the coming days, get a 25kW transmitter, aimed at improving its signal and extending it to distant parts of the province. The acting director of Radio Nacional de Angola (RNA), Filipe Biateseva, said that the equipment is part of his directive board's plan, in the framework of the guidelines from the Social Communication Ministry, which outlines the need to equip the provinces with high power transmitters. He added that the plan of technical development of RNA, includes also extending the signal of provincial radio stations to the municipalities of the interior, so as to keep the people informed on the country's and world's events. (*Source: AngolaPress*). Media Network adds: No frequency is mentioned, but RNA currently operates in Kuito with 10 kW on 1404 kHz. The national network Canal A transmitter there has a power of 50 kW on 990 kHz. In addition there are two low power FM transmitters in the province. RNA regional stations used to operate on the tropical bands, but currently no shortwave transmitters are listed for domestic services. (*Posted by Andy @ 11:33 UTC RN media network weblog, via Steve Whitt, 07 Nov 05*).

Australia

Cruise 1323 Adelaide. After a period running Sports Entertainment Network and then just relaying Mix 102.3, 5DN is now rebranding as Cruise 1323. I believe this will start from 6am tomorrow. (*Richard Jary via the Australian NZ Asia MW yahoogroup (14/11-2005), via Ydun Ritz Medium Wave News*).

Ceuta

A good chance to listen to a local break in Radiolé Costa del Estrecho is when local soccer team, Algeciras, plays its match. Next Sunday at 1600 UTC versus Jaén. But be careful because although this station is based in Ceuta, its local ID is "SER deportivos, Radio Algeciras". It return to music when the match end. (*Ignacio Sotomayor, Segovia, Castilla, España, via mwdx, 25 November 2005*).

Eritrea

According to Sudanese newspaper Al-Watan, Eastern Radio in Eritrea began test transmissions on 909 kHz mediumwave in October. Eastern Radio is said to be broadcasting at 0400-0700 UTC and at 1600-1900 UTC. The station aims to promote the principles of justice, democracy, peace and human rights in Eritrea. Officially the station was launched on Eid al-Fitr, a three-day festival marking the end of Ramadan in the Islamic calendar. In most of the Muslim world, Eid al-Fitr began on November 3. The political opposition will get its voice heard, and programs will also cover culture, civilization, arts and society. The station, which is broadcasting in Arabic and Tigrinya, covers the whole of Eritrea and some areas of neighbouring states including Sudan and Ethiopia. The station has not yet been reported heard by DXers. News about the new station,

published by Al-Watan on October 28, has been quoted by the BBC Monitoring Service and DXLD. (*DXing.info*, November 6, 2005).

Germany

During the last days the new 1179 transmitter at Heusweiler was again on air until required 1700 sign-off, this time with SR Info audio, which is so far a DAB channel consisting of not much more than recorded news from SR3 Saarlandwelle. It is planned to extend this service (amongst other things also with RFI relays), hence the new mediumwave outlet for a real-world audience. Just as a reminder: The big 1422 at Heusweiler, carrying Deutschlandfunk for a decade now, is still owned and operated by Saarländischer Rundfunk. (*Kai Ludwig, Germany, Nov 6, DX Listening Digest 5-191 (6/11-2005)*). Today (07-11-2005) at 13:40 UTC reception on Saarländischer Rundfunk at 1179 kHz. German record news block of 5 min. reception weak here in Southern Belgium. Lot of interference from Romania also at 1179 kHz. (*Greetings from Ge Huijbens Rendeux, Belgium, 07 November*). 1179 SR (Saarländischer Rundfunk Infoprogramm) is now testing. HM heard the station on the first test day on October 25th. The test program is a relay of SR3 Saarlandwelle (FM). Power 10 kW. Official start is expected in December 2005. (*Saarländischer Rundfunk via Bengt Ericson 01 November 2005, via ARC MV-Eko*).

Hungary

1485 kHz. Party Radio, Mohacs has closed the operation on MW (*WRTH 2006, via ARC MV-Eko, 07November 2005*).

1602 kHz. Magyar Radio has plans to use this fq for DRM-tests. Power 200 watts (*WRTH 2006, via ARC MV-Eko, 07November 2005*).

India

AIR: The 1000 kw MW transmitter near Kolkata operating on 594 & 1134 is now running at only 500 kW. (*73 Jose Jacob, VU2JOS, National Institute of Amateur Radio, Raj Bhavan Road, Hyderabad 500082, India, dx_india Oct 31 via DX Listening Digest 5-188 (1/11-2005)*).

Iran

1170 kHz. IRIB Abadan has returned to nominal 1170 from 1169 kHz from November 1st. (*Mauno Ritola, via ARC MV-Eko, 07November 2005*).

Iraq

675 kHz. Republic of Iraq Radio (RIR) is broadcasting from Baghdad in EE between 0500-0510 UTC. RIR is broadcasting in EE 2315-0130 UTC on 603 Southern Iraq, 864 Ramadi and 1215 Tikrit. (*WRTH 2006, via ARC MV-Eko, 07November 2005*).

The Patriotic Union of Kurdistan plans a new 50 kW transmitter in Kirkuk area. Frequency 1350 kHz. Name: Radio New Kirkuk. (*WRTH 2006, via ARC MV-Eko, 07November 2005*).

Kenya

KBC 1386 is still on air right now (0200 utc) and I'm hearing them since a couple of hours. They usually sign off at 23.00 utc. (*Renato Bruni, 22 November*).

Lithuania

Just to update you about Pipeline Radio one of London's last Pirate AM stations that ceased its unlicensed broadcasts in 2001. The station has successfully completed its' 6 month trail on Sky Digital 913. Pipeline Radio is now preparing to begin a 5 week trail on Wednesday evenings from

the 30th November on 1386 AM in Western Lithuania. The 7 KW transmitter should according to information from our engineering team reach all Baltic states and Sweden/Finland probably further afield as this will be a clear channel Broadcasts will start at 23:00 Central European Time and cease at 01:00hrs. All reception reports would be very welcomed at studio@pipelineradio.org and at Pipeline 1386AM, 52 Derwent Close, Seaham, Sunderland, London, SR7 7BT. Just to reassure you that even though the Sky service of Pipeline has closedown for the time being the station continues 24/7 on the net at www.pipelineradio.org Listen up Europe from the 30th November. *(Steve Cisco, Pipeline 1386AM (3/11-2005) [http://www.pipelineradio.org]).*

Paul Francis of Radio 390 posted the following on Anorak Nation November 13th: Hi, Paul Francis here. Just to let you know, we are going on 1386khz between 10.00pm to 03.00am. Our first fulltime programmes will be on Christmas Eve, but before then, we will be doing a 15min test on 1386khz on a Wednesday night which I will let you know the date in the next few days. Their website is now: <http://radio390.cjb.net/> I checked the Listen Live stream this morning and it was playing a webstream from MOR memories: <http://www.mormemories.com/> *(Mike Barraclough, BDXC-UK, 14 November).*

This looks like the same transmitter: Pipeline Radio from northern Lithuania. Radio Sweden MediaScan reports that Pipeline Radio, a UK net-based station (www.pipelineradio.org), is about to commence programmes from Bubia in northern Lithuania on 1386 kHz AM. The station will operate every Wednesday evening from the 30 November from 2300 UTC after China Radio International close-down. *(http://medianetwork.blogspot.com/ via Mike Terry, BDXC-UK, 14 November).*

Radio Baltic Waves International (RBWI) resumed the lease of the 7kW transmitter in Bubiai (near Siauliai) in Northern Lithuania on 1386 kHz, and is providing the following relay services:- Relay of RFE/RL in Russian daily from 1300-1600 with 3.5kW - Relay of Pipeline Radio 1386AM every Wednesday 2200-2400 for 5 weeks, starting 30 November, with 7kW. Pipeline Radio 1386AM is produced by the UK net station Pipeline Radio <http://www.pipelineradio.org> ; their transmission block may also include programming produced by other broadcasters. *(Bernd Trutenau-LTU, mwdx, 15 November).*

Relay schedules for the MW transmitters Vilnius 612 (licensee: Radio Baltic Waves/RBW) and Sitkunai 1386/1557kHz (licensee: Radio Baltic Waves International/RBWI):

Vilnius 612kHz 100kW (RBW)

0345-0400 RBW Music

0400-0600 RFE/RL Belarusian

0600-0745 --Break--

0745-0800 RBW Music

0800-1000 VOR Radiokanal Sodruzhestvo Russian

1000-1400 VOR Russkoye Mezhdunarodnoye Radio Russian

1400-1600 VOR Radiokanal Sodruzhestvo Russian

1600-2200 RFE/RL Belarusian

2200-2300 R. Polonia Belarusian

Sitkunai 1386kHz 500kW (RBWI)

2002-2100 CRI Czech

2100-2200 CRI English

Sitkunai 1557kHz 150kW (RBWI)

1800-1900 DW Russian (from 1 Dec)

1900-2100 CRI Russian
2100-2200 CRI Polish
2200-2300 CRI Chinese

All times are UTC. (*Bernd Trutenau-LTU, mwdx, 16 November*).

The schedule of the 500kW transmitter in Sitkunai on 666, carrying Lithuanian Radio (LR), was reduced to 0300-1830. As a result, the transmitter no longer carries Radio Vilnius in English which is carried on LR for domestic listeners at 1900-1930 (now FM only). (*Bernd Trutenau-LTU, mwdx, 19 November*).

Macedonia

Macedonian Broadcasting has reduced the number of MW transmitters. The following transmitters are relaying MR 1 full-time: 567 Strumica, 936 Gevgelija, 1242 Ohrid, 1323 Gostivar, 1323 Bitola. The following transmitters are relaying MR 1 news and some other programs, but have their own local programs: 1197 Kriva Palanka, 1323 Delchevo, 1485, Debar, 1485 Kichevo, 1485 Berovo, 1602 Resen. 810 Ovche Pole has its own status broadcasting MR 1, Radio Skopje and Deutsche Welle. 1314 Madzari (Skopje area) is broadcasting 'Radio for Nationalities', mostly in Albanian. (*WRTH 2006, via ARC MV-Eko, 07November 2005*).

Moldova

CRI Beijing noted Oct 3 at 1530 UT in Russian on 1413 kHz via tx in Grigoriopol. Very strong signal here in SW of Finland. (*Jouko Huuskonen-FIN, hcdx 06 Oct, via RadioMaailma 10/2005*).

Netherlands

Dutch public radio network 747 AM has quietly changed its name to Radio 747. The channel's coordinator Jan Westerhof told the Dutch Broadcast Magazine that he wants to de-emphasize the reference to mediumwave as it's envisaged that the mediumwave transmitter will cease operation in 2010. Radio 747 is also on DAB, which is expected to become more important as a distribution platform. The name change has been done without publicity because a planned advertising campaign has been put on hold as being inappropriate at a time when handling budget cuts are the priority. (*RN Media Network weblog, via Steve Whitt, 10 November*). Radio 747 could leave mediumwave as early as 2007 The newspaper NRC Handelsblad reports today that the Governing Council of Dutch public broadcasting wants to bring forward the closure of Radio 747 on mediumwave. That was planned for 2010, but could be as early as 2007. The closure of the high power mediumwave transmitter would save 2 million euro a year. Radio 747, which recently changed its on-air identification from 747 AM, would then be available on DAB, cable and the Internet. (*Media Network weblog 19 November, via BDXC-UK*).

Poland

1584 Twoje Radio Andrychow, Andrychow has answered me that they are relaying Polskie Radio, Krakow. They also have programmes with non-stop music from their music chart top 20 list. Own local programmes are transmitted between 0700-0800, 1100-1200, 1600-1700 and 2000-2100 UTC. They also inform that in the future they will ONLY relay PR Krakow (*Bengt Ericson, 01 November 2005, via ARC MV-Eko*).

Portugal

R.Comercial & its sister stns - among which Rádio Club Português, available for some months' time through R.Comercial's active MW outlets (*) - is to become controlled in a substantial part by Spanish media co. PRISA-Promotora de Informaciones, S.A., which already operates both in our neighbouring country and abroad, mainly Latin America. According to TV news this evening,

PRISA's main interest in R.Comercial's owner co., MEDIA CAPITAL, will focus at both this radio station group and sister TV station TVI, not Media Capital's publications or "IOL", the company's ISP, which, curiously, was recently dropped in favour of CLIX (see web address below). And in radio, it seems one of their plans is to create a news station, which is simply not the present case, the "style" of any of the radio stns concerned (**)... so without wishing to speculate, maybe the MW scene of R.Comercial is again to change, possibly with the reactivation of its other outlets, idle for years since the stn was sold to privates by the RDP.

*) 783 kHz 10 kW Canidelo (that's the theoretical power; the stn is very badly heard down here in Lisbon)

1035 kHz Belmonte (near Benavente) 100 kW (new site & new tx) (this fq is silent on occasions)

**) R.Comercial >> VHF-FM network on mainland www.radiocomercial.clix.pt

Local stn Best Rock FM >> 7 txs on mainland www.bestrockfm.clix.pt

Local stn Cidade FM >> 4 txs on mainland www.cidadefm.clix.pt

RCP-Rádio Club Português (#) > VHF-FM network on mainland + via R.Comercial MW txs www.rcp.clix.pt

#) formerly R. Nostalgia, another music stn of MEDIA CAPITAL, but available via the web only www.cotonete.clix.pt/radios/online/nostalgia/asp

(73, Carlos Gonçalves (7/11-2005), via *Ydun Ritz Medium Wave News*).

Russia

According to monitoring in Oct/Nov, Radio Sakhalin (GTRK-Sakhalin) on 279kHz is carrying own local px as;

(Su-Th) 2110-2200

(Mo-Fr) 0000-0010

(Mo-Fr) 0800-0810

(Sa, Su) 0010-0100

Irregularly Korean px was heard on 0810-0900. Audio sample ; http://tomsk-7.hp.infoseek.co.jp/index_e.html (*Kenji Takasaki, in Mie pref, JAPAN, via HCDX, via Steve Whitt, c 22 November*).

Radio Rossii Yekaterinburg transmitter on 909 kHz is completely switched off since 1st October. (*Victor Rutkovsky, Yekaterinburg, Russia via Signal Bulletin # 156 (2/11-2005), via Ydun Ritz Medium Wave News*).

Senegal

965 RTV Senegalaise (RTS) has closed all MW stations except Matam 1 kW. (*WRTH 2006, via ARC MV-Eko, 07 November 2005*).

Serbia & Montenegro (Kosovo)

Under construction are two MW transmitters. Drenas on 1413 kHz and Prizen on 1377 kHz. Date of completion not known. (*WRTH 2006, via ARC MV-Eko, 07 November 2005*).

South Africa

Whither Radio Pulpit? *Current broadcasting legislation does not make provision for a national Christian broadcaster and Radio Pulpit is operating without a license, despite its continuous efforts to obtain legitimacy and sustainability.*

A contract with Radio 2000 (SABC) was concluded in 1988 and has been extended on numerous occasions. Although the management of Radio Pulpit has tried to make this a permanent arrangement and obtain more airtime, all efforts have failed. Radio Pulpit broadcasts on FM in all South Africa's official languages, covers most of the country and reaches more than half a million people in all race groups. It also broadcasts 24/7 on 657 KHz, covering Gauteng and most of the northern parts of the country, but only about 270,000 listeners can receive MW.

The Theological Advisory Committee of the Board includes official representatives from most of the mainline churches and Christian groupings in SA, including the SACC Teasa, DRC and AFM, and acts on behalf of an estimated 23 million South African Christians. In early August, Radio Pulpit was informed by Mr Afzel Mohamed, General Manager of Radio 2000, that airtime would be reduced, as a new programme schedule would be implemented in November 2005.

Urgent negotiations took place and in September Radio 2000 said the status quo would be retained until February 2006, after which Radio Pulpit would have airtime from 4am to 9am on weekdays. From June 2006 there would be a further reduction, leaving airtime from 4am to 6am on weekdays and 4am to 7am on Sundays. Only 10% of Radio Pulpit's audience are listening in these time slots.

The move will have serious ramifications for Radio Pulpit and its future - more than 300,000 listeners will no longer be able to listen to Radio Pulpit on FM.

The station has played a significant role in moral regeneration and upliftment in a society in dire need of a new morality, but its future impact as an instrument of transformation will be minimised as a result of this decision. The financial implications will also be severe and Radio Pulpit will be faced with huge losses. Retrenchment of staff is a real possibility.

In the light of the above, the Board of Directors will undertake further discussion and negotiation with the SABC and authorities on all levels about the right of access of Christians to the airwaves on FM, identify and develop alternative broadcasting opportunities and technologies, and consider all other options to protect the vested interests of listeners.

According to Radio Pulpit, a negotiated solution is preferred but the legal option is not excluded.

(20 Nov 2005, 12:13, www.bizcommunity.com).

An important part of corporate communication is honesty and transparency of agenda. It's therefore distasteful when Kagiso Group executive director of broadcasting, Omar Essak makes sanctimonious protestations to the Independent Communications Authority of SA (ICASA). To quote Whoopi Goldberg in her movie, Sister Act, 'You're so holy you make Mother Teresa look like a hooker!' If Kagiso want the one and only FM signal left in Jozi, let 'em say so! But don't play social conscience custodian and pontificate in obsequious, politically correct oral submissions to the authorities.

The 92.7FM signal is the last FM signal available in Johannesburg. Primedia, specifically Talk radio 702, would clearly give their eye teeth for the signal. Their 702 medium wave (MW) signal has been aptly (and I believe euphemistically) described as 'obsolete and deteriorating'. Any Jo'burger driving between moderately high buildings, or entering an underground parking garage can kiss goodbye to what is always some crucial snippet of information in a 702 program. It's what I call 'Radio Rice Crispies' – all snap, crackle and pop.

Kagiso's Essak claims that 'greenfield' radio enterprises outside of JHB don't survive. The error in

his logic is that the mere fact of broadcasting to a JHB audience is not going to ensure good advertising revenues and therefore economic viability if the station management, marketing, hosting or programming's up the creek. Positioning a new radio station in the existing highly competitive and indeed overtraded media market will take serious business acumen. Something for which 'greenfields' operators and wanna-be rich aspirant media mogul types are not exactly renowned. Being previously disadvantaged is also not an automatic ticket or licence to radio success. Go figure P4's travails over the years.

Talk Radio 702 has morphed through a number of subtle name incarnations in its 25 years of existence. But the bottom line is this: If ever there was a radio station deserving of 'grandfather clause' protection or privilege – it's 702. They waged an unsupported war of media independence and objectivity against the Apartheid regime. Their transmitter was located, of necessity, in the absurdity named Bophuthatswana. Outside of the theoretical geographic reaches of SA, broadcasting into it. They've made an indisputably phenomenal contribution to the community within their signal footprint.

I hold no brief for Primedia, 702 or its management. It's not even my default station for radio listening. But when a radio station has become an indelible, ingrained and vibrant part of the community landscape, has proven its bona fides and is part of the mental landscape in many Gauteng minds, it deserves some sort of preferential consideration. It's the one and only genuine talk-radio format station available in Gauteng and the medium wave signal faithfully mimics the proverbial crystal set tuned with a cat's whisker. 702 would almost certainly have been allocated an FM signal by the ruling National Party had it not adopted a contrapuntal political stance.

It's time for the likes of Kagiso to stop making blatantly nonsensical protestations along the lines of 'With such limited FM space and with possibly new smaller players reluctant to use the MW channels because 702 found the frequency not viable, the band could become extinct. It sets a dangerous precedent.' (sic) Codswallop! If Kagiso want the darned signal, let them at least be honest enough to say so. Playing ersatz custodian of the radio public's interests simply doesn't wash. That's supposed to be ICASA's job. Now give that damned FM signal to 702!
(Clive Simkins, *www.moneyweb.co.za*, 01 Nov 05).

Sweden

It looks as though Radio Netherlands may be dropping their English broadcast to Europe (currently at 2300-0000 UTC via Sweden on 1179 kHz) for the B05 schedule period which starts on Sunday. There is no mention of it in the Winter edition of On Target which arrived this morning. In a footnote to the satellite listing, On Target mentions that "By the end of 2005, RNW2 will also be available on the BSkyB platform in the UK". So it seems that MW is being replaced by a satellite feed... (Dave Kenny, *BDXC-UK*, 24 Oct 2005).

Vatican City

Very interesting news here. A man from the technical staff just told me that they are really testing DRM on 1530 from 2210 till 0000 UTC and on 1611 (for the City of Rome) from 0645 till 1515. They plan to use full DRM in a near future, "he it is too funny, like to listen to the FM" he said. I said *interesting*, not *good*news. (Giampaolo Galassi, via Steve Whitt, 10 November).

THE HOME FRONT

[British & Irish News]
with John Williams

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

Ofcom News

Ofcom has awarded further Community radio licences. Only one will broadcast on AM. The community licence for Torfaen has been awarded to Toradio for five years.

The station will be operated by community media group, Tormedia, who ran temporary trial stations in Blaenavon and Cwmbran last year and currently run an online radio service from Pontypool. The launch date for Toradio has not been set as yet but the hunt for talent is on. Toradio (Torfaen, South Wales) Contact: Patrick Graham c/o CoStar, 6 Blenheim Square, St. Dials, Cwmbran, Torfaen NP44 4RS Tel: 01633 838063 email: patrick@costar-cwmbran.co.uk website: www.tormedia.info Toradio aims to provide an inclusive service for all residents in the County Borough of Torfaen.

Patrick Graham told me in an email "Hi John, delighted to have the licence, naturally, they haven't allocated a wavelength for us yet - I reckon it will be close, but not too close, to those used by Valleys radio - we are on the AM due to the difficulties of the topography in the north of our area. - still got an awful lot to sort out - including funding, but having done the two pilot RSLs we feel confident of our volunteers and our audience, keep eyes peeled on our web site for further announcements and news."

BBC News

BBC records highest audience share

27 October, 2005

The BBC has recorded its highest-ever share of the UK radio market, 54.6%, opening up a yawning 11.1% gap over its commercial rivals. The BBC's national and regional services increased their share of the nation's radio audience, from 54% last quarter, while commercial stations' share has fallen from 44% to 43.5%, according to figures for July to September 2005 published today by radio measurement body Rajar.

The corporation also, for a second consecutive quarter, came within a hair's breadth of breaking its all-time biggest audience and now has 2 million more listeners than commercial rivals. This quarter, a total of 32.8 million people listened to BBC services, the same figure as last quarter, and just shy of the corporation's record audience of 33.2 million, set two years ago. But commercial operators posted a 500,000 fall in the listeners over the three-month period from 31.2 million to 30.7 million.

That the BBC has opened up a significant share and reach gap over advertiser-funded radio will not be music to the ears of commercial companies such as GCap Media, Chrysalis and Emap, who are contending with tough trading conditions and a fast-changing market wracked with consolidation deals yet to bed down. "Radio remains relevant and appealing to young and old listeners in the digital age," said Jenny Abramsky, the director of BBC radio and music, which was reflected in positive results across the corporation. (www.mediaguardian.co.uk)

Commercial Radio News.

Lowest listening figures

30 October, 2005

This is a table no radio station would like to figure in! It's the percentage of listeners the station actually has tuning into their programmes. If everybody in the listening area tuned into the station it would be 100%. So who is in the Bottom six?

Station	Percentage listening
LBC News 1152 (Greater London)	0.7%
Classic Gold 1521 (Reigate and Crawley)	0.8%
Classic Gold 1431/1485 (Reading, Basingstoke and Andover)	0.9%
Classic Gold WABC (Wolverhampton, Shrewsbury and Telford)	0.9%
Capital Gold Birmingham (Birmingham)	0.9%
Capital Gold London (Greater London)	1%

Scottish radio jobs face cuts, says EMAP

15 November, 2005

Media giant Emap confirmed yesterday that 20 staff had been laid off as part of its integration with Scottish Radio Holdings (SRH) and warned more could go north of the Border as a result of the slowdown in radio. The Group own Northsound, West Sound AM, Clyde and Tay stations.

Speaking on the release of its interim results, Emap chief executive Tom Moloney said: "The integration is going better than we could possibly have hoped for. But as would be expected in these situations, we have had to lay off about seven staff in Scotland, and about 13 in London. That will be it as far as losses go from the integration."

However, he said the group was reviewing costs in its radio division and that more jobs could go as a result. "Radio is going through a slow period of growth, so it's only right for us to be looking at costs," he said. For the first six months to the end of September, Emap's pre-tax profits dipped 2 per cent to £95 million, on sales up 6 per cent to £554m.

(<http://business.scotsman.com/index.cfm?id=2247122005>)

Chrysalis revival linked to radio

16 November, 2005

Chrysalis, the media group, raised hopes yesterday that it could bounce back after a difficult year, amid predictions that its radio division would grow by 3 to 4 per cent. The company also said that it would scale down Echo, its small record label, after a year in which it lost £30 million amid problems at the unit and other company businesses, as well as suffering from a weak radio advertising market.

At the Heart and LBC radio businesses, Chrysalis said that revenues in September and October were up by 4 per cent. Richard Huntingford, its chief executive, said that the company was "comfortable with analysts' forecasts for the year, which show 3 to 4 per cent like-for-like growth in radio".

In the year to August, radio operating profits were down 56 per cent to £5.4 million, after an 8.6 per cent decline in revenues, reflecting the weak advertising market and disappointing audience figures during the year.

LBC, the London speech radio station, lost £2 million during the year, but has been improving. Mr Huntingford said that LBC was being set a "break-even" target for the current financial year, as advertisers began to back the station. (www.thetimesonline.co.uk)

Capital Gold to go digital as GCap plans AM switch off

20 November, 2005

GCap Media is planning to switch off the analogue signal for its radio stations still broadcast on the AM frequency, such as Capital Gold, to encourage more listeners to switch to digital. The move could come as early as the spring of 2007.

GCap - which unveils its maiden annual results this week as well as its strategy since it was formed from the merger GWR and Capital Radio - is gearing up for the looming land grab for digital radio listeners. The company estimates that 3 million digital radio sets will have been sold by Christmas while industry forecasts estimate that by 2009, 40 per cent of households will have a set.

GCap is also spoiling for a fight over plans by Ofcom, the regulator, to release new digital radio bandwidth. It is also set to clash with rival radio companies, Emap, Chrysalis and Virgin Radio. GCap threatened legal action last week when it submitted its response to last month's proposals to allocate another national multiplex, a portion of digital bandwidth.

GCap operates the only commercial digital radio platform, Digital One, which has access to the only existing national multiplex. GCap claims that the predecessor to Ofcom, the Radio Authority, promised Digital One in 1998 that it would have the "one and only" national multiplex. GCap, which has hired lawyers to prepare its case, does not have a formal contract to prove this, but points to press releases and ministers' statements at the time to support its case. It is understood that GCap, which will not accept compensation in return for dropping its legal threat, is prepared to use European competition and human rights legal provisions.

As well as proposing a new national multiplex, Ofcom also said it would release three extra local multiplexes. GCap also argues that, as well as being illegal, another national multiplex would also deny some local stations access to digital bandwidth, preventing universal digital radio coverage in the UK. Emap, Chrysalis and Virgin Radio (owned by SMG) argue that a second national multiplex will increase competition and choice for listeners.

Ralph Bernard, the chief executive of GCap, is pushing for the Government to announce a date for the switch off of the analogue radio signal. The analogue switch off for television starts in 2008. "It would be a massive undertaking," he said. "But there are lots of examples of where this has happened in media and entertainment, such as with television. You can't have radio in an analogue black out when everything else is going digital. The only question is how long it will take?"

The company estimates that 3 million digital radio sets will have been sold by Christmas while industry forecasts estimate that by 2009, 40 per cent of households will have a set. (<http://news.independent.co.uk/business/news/article328055.ece>)

RSL & LPAM News

Football Club	Station	Dec fixtures	Jan fixtures
Crystal Palace	Palace Radio 1278 kHz	3 Millwall 10 Wolverhampton 28 Derby	2 Leicester 21 Reading
Blackburn	Radio Rovers 1404 kHz	3 Everton 10 West Ham 28 Sunderland*	2 Portsmouth 14 Bolton
Manchester Utd	Manchester Utd Radio 1413 kHz	3 Portsmouth 10 Everton 26 West Brom 31 Bolton	21 Liverpool
Barnsley	Oakwell 1575 kHz	6 Tranmere 10 Scunthorpe 26 Barnsley	7 Gillingham 21 Milton Keynes Dons

- Evening kick off

According to BDXC Communication the Source 1251 has changed name to **The Cat 1251**. The Source website <http://www.thesource1251.co.uk/> doesn't seem to work.

Hospital Radio St Albans 1287 kHz has been off air for over 3 weeks.

I frequently pass through Bicester and have not heard **BRCL 1287 kHz**. Dave Kenny BDXC –UK tells me “I think BCRL has been off for about a year - maybe longer. Not sure if there are any plans to reactivate it.”

Long Wave Radio

I have checked the web site for the Isle of Man station scheduled to commence “in the New Year” on **279 kHz** (<http://www.longwaveradio.com/index.html>) but no firm details of their broadcast date is given. I sent an email to the station requesting details but have yet to receive a reply.

EUROLOG

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

with John Williams

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

kHz	Station, location; details heard etc	SIO	UTC	Date	Who
549	UCB Europe Monaghan; <i>Unlicensed</i> ID 'UCB Europe', MoR music	232	1855	3/11	HB
846	Radio North Carndonagh Co Moonaghan <i>Unlicensed</i> ; Ads for Ballymena and Colrairie area then details of a competition – phone in number 09067 846846	G	1617	3/11	JW
846	Radio North; Country music & oldies (Also G 1508 16/11)	142	2000	3/11	HB
936	Radio Bremen 1, Bremen-Oberneuland ;ID, oldies music	433	2014	3/11	HB
981	Radio Star Country Co.Monaghan; <i>Unlicensed</i> Ads for Amagh. OM with ID “Music Through the night then (sung) Radio Star Country” (Noted with religion 1508 16/11)	G	2006	7/11	JW
1035	Northsound Two, Nigg ; ID, tel. conversation	232	2024	3/11	HB
1080	R Coruña, Spain; SS ID "Radio Coruña, Cadena SER", ads etc	G	0957	3/11	mah
1134	Voice of Croatia, Zadar, Croatia; "This is Croatian Radio, the Voice of Croatia"	F/G	1705	6/11	mah
1188	Kristel Radio <i>London pirate</i> ; Pop music under Belgium	W	1306	30/10	JW
1260	Virgin 1215, Guildford or Lydd ; //1215 kHz pop music	121	2034	3/11	HB
1521	Forest of Dean R Coxford Glos <i>Community station</i> ; Gloucester Police require information re incident, then full ID “Forest of Dean Community radio” (Over/under Classic Gold)	F	1604	3/11	JW
1620v	R Anatolia, Kilkis, Greece; Middle-Eastern sounding music, IS, Greek anns, ID at 1936, mentioning "Radio Alfa e Omega". Greek folk songs from the 50's-60's; tnx to Herman Boel for obtaining the translation of the clip from one of his work colleagues	W/F	1913	10/10	mah

Many thanks to the following reporters:

HB Herman Boel Aalst Flanders; Kenwood R-5000, Kiwa Loop antenna

JW John Williams Hemel Hempstead AOR 7030 + 40m long wire

mah Martin Hall, Clashmore, Scotland. NRD-545, RPA-1 preamp, beverages: 513m at 240 degrees, unterminated; 506m at 290 degrees, terminated; 588m at 315 degrees, terminated; 550m at 340 degrees, terminated

May I wish you all a Very Merry Christmas, and a peaceful New Year and good DX in 2006!

The **deadline** for the next issue is **27 December, 2005**.

73's John

DX LOGGINGS

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

kHz	Callsign	Station, location; details heard etc	SIO	UTC	Date	Who
279		Watan Radio, Asgabat, Turkmenistan; there after Belarus close; discussion between YL and OM from 2300, local music at 2315. Gradually getting weaker to NA at 0000. // 5015 kHz. (Also 222 2320 4/1 and 6/11)	232	2315	3/11	CH
279		Asgabat, Turkmenistan; local music then male announcer mentioned Turkmenistan // 5015 kHz (LW better than SW)	Exc	2321	4/11	SW
279		Turkmen Radio, Asgabat, Turkmenistan; OM in dramatic talk, then marshal music, there every night	vG	0005	8/11	PL
530		Radio Visión Cristiana, South Caicos; SS OM & YL religious studio talk	G	2336	29/10	bd
530		R Visión Cristiana, Turks and Caicos, OM in talk and ID	G	0303	30/10	PL
530		RVCI, South Caicos; SS ID, mx (also F 0235 31/10, G 0503 3/11)	W	0235	31/10	tkl
550	CHLN	Trois-Rivières QC (presumed); FF phone tlk; listened on and off until 0805, but never caught an ID	Fpks	0733	23/11	mah
550	YVKE	Mundial, Caracas (presumed); LA mx, but no anns before faded	Gpk	0712	2/11	mah
555	ZIZ	Basseterre, St Kitts; party programme, anns, ID "... another presentation of the Saturday Night classic ... on ZIZ Radio. It is now 2.30"; brief rlg song, then cut into BBC WS at 0632	F/G	0628	30/10	mah
555	ZIZ	Basseterre, St Kitts; relays BBC W/S at this time	G	0657	30/10	bd
560	CHVO	Spaniard's Bay NL; VOXM wx	vG	0702	30/10	bd
570	CMDC	Radio Reloj, Santa Clara; SS nx over ticking clock	F/G	0723	2/11	bd
580	KRSA	Petersburg AK ; religious tlk	22432	1345	30/10	DX183
580	CFRA	Ottawa ON; OM "Newstalk Radio" "CFRA Radio" ID "It's 4 o'clock"; QRM		0757	22/10	BR
580	CFRA	Ottawa ON; news, reports, IDs; (also W 0758 31/10)	Fpk	1021	24/11	mah
579.98	WKAQ	San Juan PR; SS nx & chat	F	0702	30/10	bd
580	WKAQ	San Juan PR (presumed); SS tlk	F/G	0508	3/11	tkl
585		AIR Nagpur, India ; traditional Indian songs	43533	1640	4/11	DX183
585		IRIB R Quran, Teheran, Iran; song	22532	1506	29/10	DX183
590	KHAR	Anchorage AK ; light mx // 830 KSDP, with own local inserts; ID "This is the station where the music never ends AM 5-90 K-H-A-R"; ID again at 1154, F/G	W/F	1048	30/10	mah
590	VOXM	St John's NL (pres); country mx	vP	0707	28/10	CW
590	VOXM	St John's NL; OM with promo "The 5-90 Christmas Turkey Show"	G	2227	28/10	JW
590	VOXM	St John's NL; pop mx show	F/G	2140	29/10	bd
590	VOXM	St John's NL; country mx	G	0618	1/11	CW
590	VOXM	St John's NL; ID (also W 2030 30/10, F 2057 4/11)	W/F	0649	7/11	tkl
590	VOXM	St John's NL; local breakfast show, weather music, time checks etc (nearly 2 hours after York sunrise!)	F	0915	8/11	SW
590	UNID	light classical piano concert, audible between 270° and 315°	23432	0855	27/10	DX183
594		AIR Chinsurah, India ; traditional Indian songs	22532	1645	4/11	DX183

kHz	Call sign	Station, location; details heard etc	SIO	UTC	Date	Who
600	CBNA	St Anthony NL; OM report on people of Canada who gave their lives in the wars" // 1070 kHz	G	2301	30/10	JW
600	CMKV	R Rebelde, Urbano Noris; Cuban mx (also F 0519 2/11)	F	0650	31/10	tkl
603		CRI Dongfang, Hainan, China; CC tlk/LLs at 1445; TS, IS at 1500, ID in CC "Zhongguo guoji guangbo diantai" and then into Vietnamese, mentioning Vietnam often	F/G	1500	31/10	mah
603		RTI, Lukang, Taiwan; CC tlk; at 1500 TS, anns mentioning "Taiwan", website, and help@rti.org.tw ; additional detail on the station reported in last month's DX Loggings	F/G	1451	23/10	mah
603	UNIDs	Two Asian talkers mixing - RTI, CNR-2, KBS? Disappeared into the mix by 1545	G	1504	27/10	mah
610	WIOD	Miami FL; OM w ID "from Miami W-I-O-D"	vG	0736	14/10	BR
610	WIOD	Miami FL; "News Radio 6-10 WIOD, log on to newsradio610.com", then Miami ads	G	0611	26/10	JF
610	WIOD	Miami FL; "5.33 on 6-10 WIOD"	W/F	0933	26/10	mah
610	CKYL	Peace River AB; country mx, ID "It's 6-10 YL country"	W/F	1001	31/10	mah
610	CHNC	New Carlisle QC (presumed); FF mx.	F	0714	20/10	BR
610	CHNC	New Carlisle QC; caught a local ID this time	G	0624	26/10	JF
610	CMAN	R Rebelde, Bahia Honda; LA mx // 600, 670 kHz etc	W	0237	2/11	tkl
612		VOIRI, Qasr Shirim, Iran; ID & AA talk (extended schedule due to end of Ramadan?)	222	1950	3/11	HB
620	KGTL	Homer AK ; old light pops "KGTL 6-20 AM, with America's best music ...", ads, Homer events, PSAs; ID noted again at 1151, W/F; UK FIRST	W/Fpks	1051	30/10	mah
620	CKCM	Grand Falls NL; local politics	G	2302	26/10	JWe
620	CKCM	Grand Falls NL; VOXM pops	F	2142	29/10	bd
620	CKCM	Grand Falls NL; local ads for Grand Falls	G	0311	31/10	PL
620	CKCM	Grand Falls NL (presumed); music	W	0033	3/11	tkl
620	CKCM	Grand Falls NL; VOXM IDs over Latin speech	F	0321	6/11	JF
620	CKCM	Grand Falls NL; not // 590 kHz but both ID as VOXM then join up at 2330 UTC	G	2324	15/11	SW
620	CKCM	Grand Falls NL; "This is VOXM CRF(?) Radio network Grand Falls and "CKCM First news"	G	2328	15/11	JW
620	CM--	R Rebelde, 2 possible sites; SS ID (also W 0033 3/11)	W	0308	3/11	tkl
630		RTT Tunis, Djedeida, Tunisia; AA music // 7225 kHz; really booming signal, better than on SW	544	1952	3/11	HB
630	CFCY	Charlottetown PE; country mx, OM "All time favourites CFCY"	G	0640	23/9	BR
640	CBN	St John's NL; CBC ID + Morning show on CBC R1	F	0816	27/10	SW
640	CFMJ	Richmond Hill ON; Toronto spots in talk show break	W/F	0710	30/10	bd
650		KNR Qeqertarsuaq, Greenland; // 243 kHz - 2 OM in EE	F	1907	22/10	BR
650		KNR Qeqertarsuaq, Greenland; serious studio talk	W	1230	31/10	bd
650		KNR Qeqertarsuaq, Greenland; sounded like political speech; not English	G	2307	10/11	SW
650	KENI	Anchorage AK; news reports and info	22432	1520	23/10	DX183
650	KENI	Anchorage AK; phone-in, "KENI Radio"	22432	1550	30/10	DX183
650	KENI	Anchorage AK; "Anchorage's official weather station, News Radio 6-50 KENI keeping you in touch with Alaska's changing weather 24 hours a day - KENI Accu-weather"; xf/dom presumed KNR	Gpks	1034	1/11	mah

kHz	Callsign	Station, location; details heard etc	SIO	UTC	Date	Who
650	KENI	Anchorage AK; "News Radio 6-50 KENI"; under KNR	W/F	1131	2/11	mah
650	WSM	Nashville TN; C&W mx, OM "6-50 AM WSM"	G	0739	14/10	BR
650	WSM	Nashville TN; country mx & OM with WSM call	W/F	0809	31/10	bd
650	HJKH	Antena 2, Bogotá; "La Radio Sportivo de América - Antena 2"	F/G	0408	6/11	PL
660	KFAR	Fairbanks AK; tlk	24442	1225	30/10	DX183
660	KFAR	Fairbanks AK; ads, promo, jingle ID "KFAR K-F-A-R", then Garden Line	F/G	1306	30/10	mah
660	KFAR	Fairbanks AK; "Fairbanks' local talk 6-60 KFAR", then "the Talk Radio Countdown Show continues"; (also vW 1233 2/11)	F/G	1054	1/11	mah
660	WFAN	New York NY; sports news, "on WFAN" ID and weather	G	0604	26/10	JF
660	WFAN	New York NY; sports talk (also G 0625 31/10)	G	0633	30/10	tkl
660	WFAN	New York NY (pres); sport	W	2227	30/10	CW
660	WFAN	New York NY; sports results, OM with ID "WFAN New York"	F	2304	30/10	JW
660	CMHG	Radio Progreso, Santa Clara; discos romanticos // 890 kHz	W	0750	5/11	bd
670	CMBA	R Rebelde, Arroyo Arenas; // 710 & 1180; classical music, ID	F	0640	26/10	JF
670	CMBA	Radio Rebelde, Arroyo Arenas; songs	W/F	0644	26/10	JWe
670	CMBA	R Rebelde, Arroyo Arenas; Cuban mx; (also F/G nights to 7/11 - the best Rebelde channel)	G	0650	31/10	tkl
670	CMBA	R Rebelde, Arroyo Arenas; // 5025 kHz	G	0716	2/11	mah
680	KBRW	Barrow AK; social tlk, 1500 NPR News and reports, Alaska wx; (also 22432 1455 22/10, 44533 1010 23/10)	34443	1445	21/10	DX183
680	KBRW	Barrow AK; Alaska wx, ending at 1913 with "... returning you to KBRW Radio"	W/F	1007	30/10	mah
680	KBRW	Barrow AK; NPR News	33433	1500	30/10	DX183
680	KBRW	Barrow AK; items for sale, "Call KBRW's info line at 852-INFO", then again in VV; (also F/G 1213 31/10, F/Gpks 1100 3/11)	G	1014	31/10	mah
680	KNBR	San Francisco CA ; sports talk, "KNBR Sports Radio"	33443	0825	23/10	DX183
680	WRKO	Boston MA; YL with ID "WRKO News time 2.09"; then OM "Still to come weather and traffic on the ones"	F	0709	15/11	JW
680	CJOB	Winnipeg MB; OM ID "CJOB sport"	vG	0932	22/10	BR
680	CFTR	Toronto ON; same px as 580 kHz	F	0709	22/10	BR
680	CFTR	Toronto ON; Canadian business report in rolling nx format	G	0727	31/10	bd
680	CFTR	Toronto ON; "This is 6-80 News"; xd presumed WRKO	W/F	0740	23/11	mah
680	CM--	R Progreso, 3 sites listed; "Radio Progreso, Cadena Nacional"; unstable modulation	Fpks	0801	9/11	mah
680	WAPA	San Juan PR; SS ID "WAPA 6-80 AM San Juan ..." ; difficult under Progreso	W	0802	9/11	mah
680	YVQR	R Continente, Caracas; LA mx, full SS ID at 0703	F/G	0654	1/11	mah
700	WLW	Cincinnati OH; WLW News headlines	F	2307	20/10	BR
700	WLW	Cincinnati OH (pres); C& W mx px and adverts	Clear	0717	22/10	BR
700	WLW	Cincinnati OH; several "700 W-L-W" IDs between 0600 & 0604; (also 343 0053 27/11)	Fpks	0600	26/10	CHC
700	WLW	Cincinnati OH; truckers' talk show	W	0756	30/10	bd
700	WLW	Cincinnati OH; "News Radio" ads with Cincinnati phone number 513 541 (3684?)	W/F	0632	17/11	JW
700	WLW	Cincinnati OH; "Seven Hundred WLW" ID, phone-in	G	0721	19/11	JF
700	WLW	Cincinnati OH; wx, ID "Your official weather station News Radio 700 WLW"	W/F	0805	23/11	mah

kHz	Callsign	Station, location; details heard etc	SIO	UTC	Date	Who
710	WOR	New York NY; ID and wor710.com, weather	G	0901	27/10	SW
710	WOR	New York NY; OM ID "W-O-R" then YL "Good Morning"	W	0659	1/11	JW
710	CKVO	Clarenville NL; VOXM pops // 590 kHz	F	2144	29/10	bd
710	CKVO	Clarenville NL; VOXM network // 590 kHz	W	2206	29/10	tkl
710	CKVO	Clarenville NL; country music // 590 kHz	W	2204	17/11	JW
710	CM--	R Rebelde, 4 sites listed; news // 1180, 5025 kHz; also good at 2323 on 31/10; frequently good after UK dawn	vG	0650	28/10	SW
710	CM--	Radio Rebelde, various locations; talk	W	0610	30/10	JWe
710	CM--	R Rebelde, 4 possible sites; mx	F/G	0652	7/11	tkl
710	CM--	R Rebelde, 4 sites listed; ID and music // 1180 kHz	G	0717	15/11	JF
720		AIR Chennai, India ; talk, // 4920 kHz	32432	1420	10/11	DX183
730	CHMJ	Vancouver BC (presumed); ESPN sports, but didn't catch an ID	W/Fpks	0857	31/10	mah
730	CKAC	Montréal QC (pres); French OM talking	Fpk	0742	15/11	SW
730	CKAC	Montréal QC; French phone-in	F	0746	15/11	JF
738		Xinjiang RGD, Urumqi, China; CC tlk // 7155 kHz	Fpks	1339	31/10	mah
738		AIR Hyderabad, India ; speaking, // 4800 kHz	22432	1540	8/11	DX183
740	WKNR	Cleveland OH ; ESPN Sports	32432	0850	21/10	DX183
740	CBX	Edmonton AB; Deutsche Welle; (also W 1140 30/10, F 1010 2/11)	W/F	1106	3/11	mah
740	CHCM	Marystown NL; OM warning of water on the roads CHCM ID	Clear	0816	11/10	BR
740	CHCM	Marystown NL; local community calendar and weather outside the VOXM broadcasting centre in Marystown; breakfast show	F	0905	27/10	SW
740	CHCM	Marystown NL; ID	F	2358	4/11	tkl
740	CHWO	Toronto ON; ads for concert in Hamilton ON	G	0225	30/10	PL
740	CHWO	Toronto ON; "AM 7-40" promo for Southern Ontario	Fpk	0709	31/10	SW
740	CHWO	Toronto ON; back to back big band mx	F	0851	31/10	bd
740	CHWO	Toronto ON; "The All Night Jukebox on AM 7-40" (as per prog schedule on website)	F	0723	19/11	JF
740	WIAC	San Juan PR; SS ID "Radio Puerto Rico", PR mx, time	F/G	0504	3/11	tkl
750	KFQD	Anchorage AK; tlk	24442	1650	21/10	DX183
750	KFQD	Anchorage AK; "This is AM 7-50 News Radio KFQD"	F/G	1104	30/10	mah
750	KFQD	Anchorage AK; news and info	22432	1515	30/10	DX183
750	KFQD	Anchorage AK; "This is AM 7-50 News Radio KFQD"	W/F	1004	1/11	mah
750	KFQD	Anchorage AK; "News Radio KFQD"	W	1204	2/11	mah
750	WSB	Atlanta GA; "NewsTalk 7-50 WSB" ID instantly I tuned in!	Fpk	0704	30/10	SW
750	WSB	Atlanta GA; promo "... on WSB"; xf CBGY	Fpk	0747	23/11	mah
760	WEFL	Tequesta FL; ESPN sports talk	F	0726	2/11	bd
760	WJR	Detroit MI; ads, "... 7-60 W-J-R.." ID at 0532; "..Midnight Trucking Radio Network" at 0653	322	0653	24/10	CHC
760	WJR	Detroit MI; rolling nx format	W/F	0750	31/10	bd
760	WCHP	Champlain NY ; religion from 2133 with fragmented signal due to splatter from 765 & 756kHz. However signal improved at top of hour for announcement of local religious rally and clear legal ID. Then deteriorated so it was barely audible at 2215 UTC closedown. Very lucky catch UK FIRST ; signal on previous night was most likely WCHP too.	Gpk	2133	30/10	SW
760	UNID	Daytimer with religious programming. Very tentative "Life Changing Radio"; (not WJR) maybe WVNE Leicester MA with 25000W daytime power; gone by 2215; WVNE website says they power-down at 2215 in October and sign off at 2245	P	2204	28/10	SW

kHz	Callsign	Station, location; details heard etc	SIO	UTC	Date	Who
765		AIR Dharwad, India ; traditional Indian songs	22532	1655	4/11	DX183
770	KCHU	Valdez AK ; NPR News and reports; (also 23432 1625 22/10, 24432 1550 23/10)	24442	1700	21/10	DX183
770	WABC	New York NY; nice “..W-A-B-C..” ID on peak at 0630 but mainly weak	131	0630	25/10	CHC
770	WABC	New York NY; local phone in show “You’re on WABC”	F	2330	15/11	SW
770	CHQR	Calgary AB; phone-in	24432	0935	22/10	DX183
770	CHQR	Calgary AB; sports nx, "You can hear the game here on CHQR"	F	1105	30/10	mah
770	CHQR	Calgary AB; talk px, F/G at 0814, but only F for ID, promo at 0830 "AM 7-70 CHQR - news, talk, sport"; (+W/F 0905 11/11)	F/G	0814	9/11	mah
770	CM--	R Rebelde, site? (not listed in WRTH 2005); // 670, 1180 kHz; (CMKB Las Mercedes, Granma; reactivated? Pilón? - info from Bruce Conti's bamlog - mah)	24542	0840	26/10	DX183
770	YSKL	R Cadena YSKL, San Salvador; "Radio Cadena YSKL", NA, s/off 0530	33533	0525	26/10	DX183
774		AIR Shimla, India ; Indian songs	22432	1615	11/11	DX183
780	KNOM	Nome AK; reports from Alaska, 1600 ABC News (also 33443 1525 23/10)	33443	1550	21/10	DX183
780	KNOM	Nome AK; news; (also 33543 1350 30/10)	22542	1600	29/10	DX183
780	WBBM	Chicago IL (presumed); CBS News, faded before any IDs and didn't return; a strong CFDR nulled on 340 degree bev	W/P	0501	29/10	mah
780	WBBM	Chicago IL; ID/TC "WBBM News time 1.13", mixing with songs (not CFDR)	W/F	0713	31/10	mah
780	WBBM	Chicago IL; rolling nx format with WBBM mentions	F	0820	31/10	bd
780	CFDR	Dartmouth NS; “KIXX” ID, C&W mx px	F	0744	23/10	BR
780	CFDR	Dartmouth NS; C&W “Kixx Classic Country”	G	0635	26/10	JWe
780	CFDR	Dartmouth NS; “7-80 KIXX” and listener competition	G	2235	30/10	SW
780	CFDR	Halifax NS (presumed); country music OM talk too weak to identify	W	2308	30/10	JW
780	CFDR	Dartmouth NS (presumed); rlgx px (tnx Wilhelm Herbst for suggesting this)	W	0043	9/11	tkl
780	YVMN	Radio Coro; lively Latin rhythms, Radio Coro IDs & TCs	F	0645	5/11	bd
790	KCAM	Glenallen AK ; ID "Great Radio for the great lands, this is the voice of the Copper River Valley KCAM Glenallen"	W/Fpks	1200	30/10	mah
790	KCAM	Glenallen AK ; tlk, "Christian radio KCAM"	22432	1525	30/10	DX183
790	WAXY	Miami FL; sports and lots of mentions of Florida	F	0225	2/11	PL
790	WAXY	South Miami FL; "Fox Sports Radio" (also W/F 0443 3/11, 0029 5/11, 0617 7/11)	F	0400	2/11	tkl
790	WAXY	South Miami FL; Fox sports talk	F/G	0650	2/11	bd
790	CFCW	Camrose AB; country	34433	0915	23/10	DX183
790	CFCW	Camrose AB; "7-90 CFCW, Alberta's favourite country music station", jingle "7-90 CFCW"	W/F	1005	2/11	mah
790	CMAQ	R Reloj, Pinar del Rio; time pips on the minute and “RR” morse code after the minute	W	0631	26/10	JF
790	CMAQ	R Reloj, Pinar del Rio; SS	F	0103	1/11	tkl
790	CMAQ	R Reloj, Pinar del Rio; no audio but crystal clear “RR” in morse .-. .-. every minute.	P	0731	15/11	SW
800	VOWR	St John's NL; enjoyable Scottish mx, ID "... here at 800 VOWR"	F/G	0634	29/10	mah

kHz	Call sign	Station, location; details heard etc	SIO	UTC	Date	Who
800	VOWR	St John's NL; folksy/country mx	F	2002	30/10	bd
800	VOWR	St John's NL; classical mx	W	0105	1/11	tkl
800	VOWR	St John's NL; ID after jazz/folk music. Clear at this time. Later heard mixing with English news station.	G	0736	15/11	JF
800	VOWR	St John's NL (presumed); folk songs "Puff The Magic Dragon", "North to Alaska"	F	0639	16/11	JW
800	CHRC	Québec QC; FF ID as "CHRC"; this is a correction to the log of CJAD in last month's DX Loggings; Wilhelm says "The ID was "CHRC" in FF, and I don't know why I wrote CJAD"	43533	0525	15/10	DX183
800	PJB	TWR Bonaire, Netherlands Antilles; OM in EE and SS talking religion; ID at 0228	F	0220	2/11	PL
819		Shanxi RGD, China; at 1400 "Shanxi Goangbo Dientai"	23442	1350	8/11	DX183
820	KCBF	Fairbanks AK; news and reports; (also 25432 0910 23/10)	24432	1505	22/10	DX183
820	KCBF	Fairbanks AK; ESPN Radio	24442	1335	30/10	DX183
820	KCBF	Fairbanks AK (presumed); ESPN Radio	Fpks	1020	1/11	mah
820	WBAP	Fort Worth TX; C2C talk show // 1080 kHz	F	0850	30/10	bd
820	WBAP	Fort Worth TX; MTRN, ads, ID in fade "News talk 8-20 WBAP"	Gpk	0751	31/10	mah
820	CHAM	Hamilton ON; country; (also 33533 0650 24/10)	32432	0715	21/10	DX183
820	CM--	R Reloj, 2 possible sites; time pips and "RR" IDs	W	0633	26/10	JF
820		TBN Charlestown, Nevis; "The Christian Super Radio", CBS Sports	F/G	0425	3/11	tkl
820		TBN Charlestown, Nevis; usual religious programming	W	0643	15/11	JF
830	KSDP	Sand Point AK ; light songs, anns, jingle, ID "You're listening to 8-30 AM KSDP"; mx // 590 KHAR but each station with local inserts; UK FIRST ; (also F 1005 31/10)	W/F	1024	30/10	mah
830	WCCO	Minneapolis MN; soft-tlk, later CBS News; (also 33543 0645 24/10)	24442	0925	22/10	DX183
830	WCCO	Minneapolis MN; WCCO nx then talk format	F	0730	31/10	bd
830	WCCO	Minneapolis MN; local nx, "I'm Adam Carter 8-3-0 WCCO Radio News"; still G at 0810	F/G	0735	31/10	mah
830	CHAM	Hamilton ON; "8-20 Cham" IDs. CHAM spoken as one word. Sounded like C&W music.	W	0641	15/11	JF
830	UNID	talk station, first noted at 1124, occasionally coming on top of the mx of KSDP; in heavy splatter; weak at best, but not much more than occasional words discernible; could it have been KHVH?	vvW	1134	31/10	mah
840	WHAS	Louisville KY; "News Radio 84 WHAS your weather and traffic station"	Fpk	0706	30/10	SW
840	WHAS	Louisville KY; financial news, ID "News Radio 8-40 WHAS"	F	0734	15/11	JF
840	WHAS	Louisville KY; ID "News Radio 84"	W	0651	16/11	JW
840	CMHW	Dobleve, Santa Clara; SS ID, "Música cubana"	F	0425	2/11	tkl
840	LV9	R Salta; Latino pop and anns	23432	0455	4/11	DX183
850	KICY	Nome AK ; tlk	23442	1615	21/10	DX183
850	KICY	Nome AK ; light mx, faded at toth for difficult brief ID, can just make out "KICY Nome"; UK FIRST	Fpks	1300	30/10	mah
850	KICY	Nome AK ; just too late for the EE ID at the toth on a good peak, but caught the tail end of a jingle and then into RR w ID "... Radio KICY ..."	F/G	1100	31/10	mah

kHz	Callsign	Station, location; details heard etc	SIO	UTC	Date	Who
850	KOA	Denver CO; "KOA Denver, Colorado", news and reports; (also 34443 0855 23/10)	33443	0900	22/10	DX183
850	WFTL	West Palm Beach FL; mixed up and over WEEI (with Fox Sports) with weather for South Florida up in the 80s	Fpk	0706	15/11	SW
850	WFTL	West Palm Beach FL; local advert in Delray Beach; programme promo for Neil Boortz; promo for News & Sky 85 Traffic on "NewsTalk 8-5-0 WFTL"; best DX signal	Exc	2334	20/11	SW
850	WEEI	Boston MA; talk program, "... on W-E-E-I" IDs around 0111	Fpks	0111	27/10	CHC
850	WEEI	Boston MA; sports talk, ID "WEEI Radio the Home of (?)...."	W	2154	28/10	JW
850	WEEI	Boston MA; "8-50 WEEI", as for Halfway Café in Dedham	G	0803	30/10	SW
850	WEEI	Boston MA; sports	F	2152	30/10	tkl
850	YVZL	Radio Fé y Alegría, Maracaibo; Lively Latin rhythms & "Radio Fé y Alegría 8-50" ID	F	0835	5/11	bd
860	CMDB	R Reloj, 2 sites listed; SS, LA mx	W	0408	2/11	tkl
864		AIR Shillong, India ; traditional Indian songs	22432	1635	5/11	DX183
870	WWL	New Orleans LA; IDs for WWL and URBONO	F	0604	27/10	JWe
870	WWL	New Orleans LA; ID presumed with Coast to Coast AM; back to regular programming??	F	0656	15/11	SW
870	WWL	New Orleans LA; CBS news, "United Radio... were' strong we will survive.."(then mention of Motorola)	F	0704	17/11	JW
880	WCBS	New York NY; ID/TC; also 0848 9/11	G	0638	29/10	SW
880	WCBS	New York NY; "WCBS News Radio 8-80"	G	2247	8/11	JWe
880	WCBS	New York NY; sports results, Volvo ad, ID "WCBS News time 1.45"	F	0645	16/11	JW
880	CKLQ	Brandon MB; country	33433	0850	23/10	DX183
882		IRIB Regional, Mahabad, Iran; Farsi, tlk	33433	1505	3/11	DX183
882		TWR Puttalam, Sri Lanka ; Oriya, address, anns, Indian songs	33433	1515	3/11	DX183
890	WLS	Chicago IL; tlk	22432	0850	20/10	DX183
890	CJDC	Dawson Creek; country mx, ID at 1035 "We are 8-90 CJDC"	W	1020	31/10	mah
890	CMDZ	Radio Progreso, 2 sites listed; melancholy SS songs & ID	G	0720	30/10	bd
890	CMDZ	R Progreso, 2 sites listed; LA mx	F	0152	2/11	tkl
890	CMDZ	R Progreso, 2 sites listed (pres); no ID but clear SS time check	G	0830	15/11	SW
891		Ningxiang, China; Chinese mx	22522	1522	29/10	DX183
900	CMKP	Radio Progreso, Cacocum; OM & YL with SS nx/info // 890	F	0912	2/11	bd
910	KIYU	Galena AK ; light songs	22442	1625	21/10	DX183
910	CKDQ	Drumheller AB; country; (also 32442 0920 22/10)	32432	0615	24/10	DX183
910	YVRQ	RQ 910, Caracas; salsa and merengue	22532	0730	26/10	DX183
918		Shandong News Channel , Yantai, China; CC ID "Zongguo Shandong Renmin Guangbo Diantai ..."; UK FIRST	G	1435	27/10	mah
920	KSRM	Soldotna AK; phone-in	23442	1535	30/10	DX183
920	KSRM	Soldotna AK; "News Talk 92, now in our 48 th year - KSRM" and ABC News; (also W 1030 1/11)	F/Gpks	1200	2/11	mah
920	KXLY	Spokane WA ; phone-in, local commercials	33443	0845	22/10	DX183
920	KXLY	Spokane WA ; ABC News, ID "News Radio 9-20 KXLY - news is now"; haven't heard this one since I was working in Winnipeg in 1969, and I considered it DX then! UK FIRST	F	0905	31/10	mah
920	CFRY	Portage-la-Prairie MB; country, CFRY jingle, wx (also 34433 0830 23/10, 23532 0640 25/10)	32432	0840	22/10	DX183
920	CJCH	Halifax NS;"AM 9-20 Yesterdays Favourites"	G	0610	28/10	CW

kHz	Callsign	Station, location; details heard etc	SIO	UTC	Date	Who
920	CJCH	Halifax NS; Mercedes ads "9-20 CJCH weekend weather watch"	F	0811	30/10	SW
920	CJCH	Halifax NS; oldies and ID	G	0322	31/10	PL
920	CKNX	Wingham ON; news, clear ID, country mx, no sign of CJCH	G	0804	16/11	PL
920	YVQX	R Nueva Esparta, Porlamar; SS ID "Nueva Esparta 9-20 AM"	W	0718	1/11	mah
930	KTKN	Ketchican AK ; talk and news	22432	0245	31/10	DX183
930	WBEN	Buffalo NY; CBS News & promo for WBEN.com	W	0403	22/11	BD
930	CJCA	Edmonton AB; continuous Christian songs; (also 33533 0620 25/10, 43443 0555 24/10, 33543 0240 31/10)	33433	0850	22/10	DX183
930	CJCA	Edmonton AB; light songs, "AM 9-30 CJCA"	W/F	1111	3/11	mah
930	CJYQ	St John's NL; OM Irish and local folk music	Clear	2249	20/8	BR
930	CJYQ	St John's NL; ads for local Photo shop then ID "VOCM Cares"(must be under their banner) and "You are listening to Radio Newfoundland"	F	2221	25/10	JW
930	CJYQ	St John's NL; Back to the Bible programme, "Radio Newfoundland and Labrador"	F/G	2108	27/10	JWe
930	CJYQ	St John's NL (pres); country mx	W	0614	28/10	CW
930	CJYQ	St John's NL; folk/country; (also hrd mostly W/F 2220 2/11 w "Back to the Bible", folk, promos, ID 2053 4/11, 2250 6/11, 0102 8/11, "Back to the Bible" 2225 9/11)	F/G	2120	29/10	tkl
930	CJYQ	St John's NL; Radio Newfoundland folk mx show	F	1948	30/10	bd
930	CJYQ	St John's NL; "Radio Newfoundland" ID; ads for local Chinese restaurant & travel agent in St John's- Mt Pearl	G	2347	6/11	SW
930	CJYQ	St John's NL; "Radio Newfoundland weather for the St John's region"	F	0651	16/11	mah
940	CINW	Montreal QC (tentative); Coast to Coast AM	W	0637	30/10	SW
940	CINW	Montreal QC; full ID "You are listening to the all new 9-40 Montreal. Our call ... is CINW .. CINW is a Corrs Entertainment Station"	Exc	0701	16/11	JW
940	CINW	Montreal QC; Montreal traffic report at 5 and 31	F	0705	24/11	BD
945		CNR-1, multiple locations, China; CC tlk, chimes, ID "Zhongyang Renmin Guangbo Diantai, Zhongguo zhi Sheng"; additional detail on station reported in last month's DX Loggings	G	1507	23/10	mah
950	KJR	Seattle WA; phone-in, "KJR Seattle"; (also 32432 0810 23/10)	32442	0855	22/10	DX183
950	KJR	Seattle WA; ESPN promos, Seattle ads, didn't catch an ID	W/F	1057	31/10	mah
950	CFAM	Altona MB; classical, choir	33433	0815	23/10	DX183
950	CKNB	Campbellton NB; OM "CKNB" weather, followed by oldies px	S8	2254	15/10	BR
950	CKNB	Campbellton NB (presumed); country music	W	2212	28/10	JW
950	CKNB	Campbellton NB; "A better variety 95-CKNB"; advert for East Centre Garage	F	0822	30/10	SW
950	CM--	R Reloj, 2 sites listed; Spanish talk + "RR" Morse code & time pips	Fpks	0802	28/10	SW
950	CM--	R Reloj, 2 possible sites; SS ID	W/F	0211	1/11	tkl
950	CM--	Radio Reloj, 2 possible sites; SS nx over ticking clock	F	0742	1/11	bd
950	UNID	SS ID, frequent IDs as "Radio Due"	W	0120	1/11	tkl
960	WEAV	Plattsburgh NY; C2C talk show, Fox News, & "The Zone" ID slogan	W	0757	24/11	BD

kHz	Call sign	Station, location; details heard etc	SIO	UTC	Date	Who
960	CFAC	Calgary AB; "CFCN Radio, number one in sports"; (tnx to Ydun Ritz and Shawn Axelrod for telling me that CFCN is a TV station in Calgary, and that they were rebroadcasting their sports TV programme via CFAC); (also 33443 0550 24/10, 33543 0610 25/10)	34443	0800	23/10	DX183
960	CHNS	Halifax NS; ID "Oldies 96"	vG	0023	21/8	BR
960	CHNS	Sydney NS; "oldies 96-CHNS";	Fpk	0806	30/10	SW
960	CFFX	Kingston ON; "This is AM 9-60 CFFX, Oldies 9-60" & oldies format	W	0854	31/10	bd
963		Radio Tunisia, Tunis (tentative); French talks	232	2016	3/11	HB
970	KFBX	Fairbanks AK; "News Radio 9-70 KFBX"	F	1030	30/10	mah
970	KFBX	Fairbanks AK; "News Radio 9-70 KFBX Fairbanks"	33543	1355	30/10	DX183
970	KFBX	Fairbanks AK; ABC News, "News Radio 9-70 weather brought to you by Alaskan Fire and Safety"	W/F	1305	31/10	mah
970	KFBX	Fairbanks AK; promo "Dr Laura ... weekday afternoons 1-3, on News Radio 9-70 KFBX"; (also Gpks 1000 1/11) this has been the most regularly heard Alaskan station in Clashmore recently	Gpks	1000	2/11	mah
970	KFBX	Fairbanks AK (presumed); "This is ABC News", brief audio, just above the noise	vvW	1004	11/11	mah
970	KFBX	Fairbanks AK (presumed); audio noted around 0930, weak/poor; still weak/poor at 1000 with ABC News, C2C at 1007; continued in and out of the noise until 1206, but didn't catch any IDs	W/P	0930	18/11	mah
970	WZAN	Portland ME; wx, ads, tlk; severe QRM 972 kHz Germany and Club Asia	F	0427	5/10	MM
970	WZAN	Portland ME; ads before the hour, "AM 9-70 WZAN Portland" ID. Sportstalk. Dominant but not alone on channel. 2nd US stn?	F	0459	19/11	JF
970	WZAN	Portland ME; Fox sports talk & 9-70 WZAN WX	W/F	0705	22/11	BD
970	WZAN	Portland ME; CNN Radio, "9-70 WZAN"	W/F	0905	22/11	mah
970	WDAY	Fargo ND; sports tlk, "AM 9-70 WDAY Fargo", WDAY jingle	23442	0735	24/10	DX183
970	KIRO	Seattle WA ; "News Radio 7-10 KIRO Seattle"	P/Fpks	0900	31/10	mah
970	WSTX	Christiansted, USVI; anns, TC, IDs "AM 9-70 WSTX"	W/F	0744	7/11	mah
970	HJME	RCN Maicoa; // 1140 kHz	22432	0820	27/10	DX183
972		AIR Cuttack, India ; traditional Indian songs (not UK station)	22532	1710	4/11	DX183
980	WHSR	Pompano Beach FL; FF, salsa, and EE commercials; (also 24432 0850 2/11)	33533	0720	29/10	DX183
980	WTEM	Washington DC; "WTEM Washington DC", sports tlk	34443	0830	22/10	DX183
980	WCAP	Lowell MA; "WCAP Radio", news, local commercials and light songs (audible for about 15 mins)	24442	0800	21/10	DX183
980	CKNW	New Westminster BC ; politics phone-in	24442	0825	22/10	DX183
980	CJME	Regina SK; "News Talk Radio 9-80 CJME"	W/Fpks	1032	30/10	mah
981		CNR-1, various sites, China; // 4460 kHz	22522	1500	29/10	DX183
981		CNR-1 various sites, China; announcements, // 4460 kHz	32432	1458	6/11	DX183
1000	WMVP	Chicago IL; ads, ID "WMVP Chicago switch on the computer and log on to espnradio1000.com ... your mind ESPN 1000"	W/F	0500	29/10	mah
1000	WMVP	Chicago IL; sports info	22432	0930	30/10	DX183
1000	WMVP	Chicago IL; ESPN sports	F	0710	31/10	bd
1000	KOMO	Seattle WA; news reports, Komo anns; (also 33433 0920 23/10)	33443	0910	22/10	DX183

kHz	Callsign	Station, location; details heard etc	SIO	UTC	Date	Who
1000	KOMO	Seattle WA; "Komo 1000 News time 1.18"; reappeared, W at 1142; (also W/F 0706 31/10)	W	0918	30/10	mah
1000	KOMO	Seattle WA; rolling nx format & "Komo 1000" IDs	F	0738	31/10	bd
1000	KOMO	Seattle WA; This is KOMO Seattle, Washington", ABC News	33543	0900	31/10	DX183
1000	KOMO	Seattle WA; "Komo 1000 News, day or night, we're always here, on KOMO Seattle"; W/F 0905; (also Gpks 0822 9/11)	W	0830	11/11	mah
1000	HJAQ	RCN Cartagena; SS anns, RCN IDs, "RCN ... La Radio de Colombia"; (also W/F 0910 9/11)	W/F	0707	28/10	mah
1010	WINS	New York NY; OM "10-10 WINS weather"	G	0510	26/10	JW
1010	WINS	New York NY; weather 44 degrees	G	0619	28/10	CW
1010	WINS	New York NY; rolling nx format	W/F	1020	31/10	bd
1010	WINS	New York NY; "wins news time 6:14"	F	2314	15/11	SW
1010	CBR	Calgary AB; overnight px, // 740 kHz	W/F	1010	2/11	mah
1010	CFRB	Toronto ON; OM with promo "From Toronto the Paul and Carol show on news talk 10-10 CFRB"	F	0633	2710	JW
1010	CFRB	Toronto ON; ID heard over WINS	G	0633	15/11	JF
1010	CFRB	Toronto ON; "News Talk 10-10 CFRB" in mix	F	0736	15/11	SW
1020	KDKA	Pittsburgh PA; ID "News Talk 10-20 KDKA"	F	0733	31/10	mah
1020	CM--	R Reloj, 2 sites listed; // 870 kHz	22532	0815	26/10	DX183
1020	YVMX	R Calendario, Maracaibo (presumed); references to Maracaibo	F	0125	02/11	PL
1026		R Jigawa, Dutse, Nigeria ; EE and Hausa, s/off with Nigerian NA at 2203; full credits and thanks go to Luca Botto Flora, who tentatively reported this station a week ago from Rapallo, Northern Tirrenian sea, and to Salvo Micciché who later on recorded Jigawa with a superb signal from Ragusa, inland from the South-eastern Sicily coast. A stunning recording of Jigawa's ending portion with National Anthem can be found in a clip made by Salvo on http://www.radioascolto.org/html/index.php	F	2130	17/11	GG
1030	WBZ	Boston MA; YL ID "WBZEE"; noisy		2213	27/9	BR
1030	WBZ	Boston MA; "... don't leave WBZ in your car. Log on at work..."; Open Forum at 0640	333	0530	24/10	CHC
1030	WBZ	Boston MA (pres); talk	W	0620	28/10	CW
1030	WBZ	Boston MA; WBZ extended forecast; snow falls; also fair at 0030 on 9/11 with "WBZ- News Radio 10-30"	F	0706	29/10	SW
1030	WBZ	Boston MA; talk show (also W 2045 30/10, 0010 9/11)	F	0515	30/10	tkl
1030	WBZ	Boston MA; "WBZ news time 6:42"	F/G	2342	30/10	bd
1030	WBZ	Boston MA; ID, own phone-in on tipping; if had more time to spare would have listened to this - always a source of confusion for Brits travelling in the US, good to know Americans have similar problems!	F/G	0807	9/11	mah
1040	WLJV	Boynton Beach FL; "The following is a paid programme ... claims made on this programme have not been investigated by WLJV ..." etc - 3 IDs in total; phone-talk	W/F	0919	5/11	mah
1040	CKST	Vancouver BC; phone-in; (also 33433 0635 23/10, 43433 0750 23/10, 33443 0540 24/10)	22432	0515	22/10	DX183
1040	CKST	Vancouver BC; promo "... mornings on The Team 10-40"	F	0928	30/10	mah
1040	CKST	Vancouver BC; sports tlk	32432	0620	10/11	DX183
1040	CJMS	Saint Constant QC; FF C&W show	F	2349	30/10	bd
1050	WEPN	New York NY; sports "ESPN Radio New York"	W	0621	28/10	JWe
1050	WEPN	New York NY (pres); sport	W	0625	28/10	CW

kHz	Callsign	Station, location; details heard etc	SIO	UTC	Date	Who
1050	WEPN	New York NY; ID "10-50 ESPN Radio"	vG	0143	30/10	tkl
1050	WEPN	New York NY (presumed); OM with sports talk	W	2319	30/10	JW
1050	WEPN	New York NY; programme promo for "10-50 ESPN Radio" several ESPN slogans - good but 1053 kHz splatter	F	2339	5/11	SW
1050	CJNB	North Battleford SK ; wx, OM ID as "...CJNB CJNS", then country mx; very difficult in splatter	Wpk	1121	2/11	mah
1060	WBIX	Natick MA; phone-in	33443	0110	21/10	DX183
1060	WBIX	Natick MA; God, God and more God, but not the hot gospelling of WLNO. ID at top of the hour and USA Radio Network News	F	0000	29/10	JF
1060	WBIX	Natick MA; "AM 10-60 WBIX"	W/Fpks	2300	29/10	mah
1060	WBIX	Natick MA; ID & USA Network News	F	2359	30/10	bd
1060	WBIX	Natick MA; financial talk	F/G	0145	31/10	PL
1060	WBIX	Natick MA; talk show, then advert & then ID at 0029:55	Fpk	0027	9/11	SW
1060	XEEP	Radio Educación, México DF; SS ID "Radio Educación el oasis del cuadrante ... 1060 AM"; tnx to Henrik Klemetz for sorting this one out (my UNID last month)	Gpk	0653	22/10	mah
1070	KNX	Los Angeles CA; tlk	23442	0625	23/10	DX183
1070	KNX	Los Angeles CA; "This is KNX 10-70 News Radio"; on its own	W/F	1006	30/10	mah
1070	KNX	Los Angeles CA; reports, "KNX News time is 12.14"; in CBA fade	Gpk	0814	31/10	mah
1070	CBA	Moncton NB; CBC News // 1400 kHz	F	2000	30/10	bd
1070	CBA	Moncton NB; YL with telephone number 5 416 205 2311, web address .cbc.ca; then OM "This is CBC news I'm Joe Burn"	G	2259	2/11	JW
1070	CBA	Moncton NB; ID, Report from Sweden	G	0626	7/11	tkl
1071		IRIB R Ma'aref, Qom, Iran; Farsi, Iranian songs	33433	1455	3/11	DX183
1080	KUDO	Anchorage AK (presumed); ad, no ID, CNN Radio; dom	W/F	1330	30/10	mah
1080	WTIC	Hartford CT; tlk	F	0506	30/10	tkl
1080	WTIC	Hartford CT; C2C talk show	vG	0840	30/10	bd
1080	WTIC	Hartford CT; "Newstalk 10-80" local news twice an hour; also heard early at 2330 18/11 with traffic report, equal strength to Spain!	F	0930	17/11	SW
1080	WTIC	Hartford CT; "Thanks for listening to Coast to Coast AM on WTIC News Talk 10-80"	W/Fpk	0658	18/11	mah
1080	WVCG	Coral Gables FL ; poor EE ID (I think), then SS promos and ID "WVCG 10-80 AM" in the mix; tnx to Jan Alvestad for this tip, and to Henrik Klemetz for checking the clip, confirming the ID, and extracting additional information about the promos; UK FIRST	W/P	0700	18/11	mah
1080	WVCG	Coral Gables FL ; SS rlg-pop, anns	44544	0730	18/11	DX183
1080	UNID	Difficult ID just after the hour; sounded like "... VJ-90 AM 10- 80 ..."; will seek help on this.	P	0900	18/11	mah
1090	WBAL	Baltimore MD; commercial break in talk show	F/G	2345	29/10	bd
1100	WTAM	Cleveland OH; news, talk, ID; QRM 1098 kHz	F	0620	22/10	MM
1100	WTAM	Cleveland OH; drudge report	G	0348	30/10	PL
1100	WTAM	Cleveland OH; OM with ID "News Radio WTAM Eleven hundred", YL with weather "Cloudy skies" then ID repeated	F	0158	31/10	JW
1110	WBT	Charlotte NC; talk show, ID	G	2311	27/10	PL
1110	WBT	Charlotte NC; C2C talk show // 1080 kHz	F	0839	30/10	bd

kHz	Callsign	Station, location; details heard etc	SIO	UTC	Date	Who
1110	WBT	Charlotte NC (presumed); CBS news, 1-800 ads QRM then into C2C (No ID heard!)	F/G	0701	16/11	JW
1110	WBT	Charlotte NC; "News Talk 11-10 WBT", wx	F	0705	18/11	mah
1120	WBWN	Concord MA; "Safer Investing Saturday mornings at 10 am right here on AM 11-20 WBWN on the Money Matters Radio Network"; UK FIRST	Fpk	2306	29/10	mah
1120	KMOX	St Louis MO (tentative); tlk, faded across toth	P	0453	21/10	MM
1120	KMOX	St Louis MO (presumed); talk, ads, more talk mentioned St Louis	W	0801	30/10	JW
1120	KMOX	St Louis MO; "Newstalk 11-20 KMOX" then into the 9 o'clock report	F/G	0304	31/10	PL
1130	KFAN	Minneapolis MN; ID, sports	44433	0745	23/10	DX183
1130	KFAN	Minneapolis MN (pres); sport	W	2325	29/10	CW
1130	KFAN	Minneapolis MN; sports info, ESPN Radio	33433	0925	30/10	DX183
1130	WBBR	New York NY; "W-B-B-R" ID at 0659; "Bloomberg 11-30" and NY traffic news at 0715	434	0715	26/10	CHC
1130	WBBR	New York NY; "Bloomberg 11-3-0", wx; (also W/F 2155 29/10, W 0043 3/11, (tent) 0007 5/11, 0712 7/11, 2347 10/11)	G	0047	29/10	tkl
1130	WBBR	New York NY; "Bloomberg On The Money" (also G 0630 28/10)	F	0555	29/10	CW
1130	WBBR	New York NY; rolling business nx	F	2047	30/10	bd
1130	WBBR	New York NY; finance news mention of 'Bloomberg'	F	2343	15/11	JW
1130	WBBR	New York NY; financial news from London, "Bloomberg 11-30" at 0715; final fade out at 0755	434	0715	17/11	CH
1130	WBBR	New York NY; weather on Bloomberg 11-3-0; most mornings in Nov around dawn with stockmarket reports;	W	0945	17/11	SW
1130	CKWX	Vancouver BC; "News 11-30 Pacific Standard Time is 1.36"	Gpks	0936	30/10	mah
1130	CKWX	Vancouver BC; tlk; (also 33543 0920 31/10)	22432	1215	30/10	DX183
1130	CKWX	Vancouver BC; "... News 11-30 Sports Centre. It's 2.47"	F	1047	31/10	mah
1130	CKWX	Vancouver BC; traffic, wx, "News 11-30" reports, TC "12.54" - no sign of WBBR; still traces at 1010	W/Fpks	0852	11/11	mah
1130	HJQQ	R Reloj, Pasto; news and info	22432	0615	20/10	DX183
1130	YVRL	R Ideal, Caracas; light songs, muffled SS ID - no sign of WBBR	W/F	0802	1/11	mah
1134		CNR-1, Golmud, Qinghai, China; CC px noted from 1334; ID caught at 1456 "Zhongyang Renmin Guangbo Diantai, Zhongguo zhi Sheng ..."; to past 1530; (also F/G 1446 27/10)	F/G	1445	28/10	mah
1134		CNR-1, Golmud, China; CC tlk, IS	22322	1330	2/11	DX183
1134		CNR-1, Golmud, China; tlk and Chinese mx // 4460 kHz	33433	1345	5/11	DX183
1134		AIR Mogra, India; EE news	22432	1435	4/11	DX183
1140	KSLD	Soldotna AK; light rock oldies, "KSLD 11-40"	25432	0930	23/10	DX183
1140	KSLD	Soldotna AK; news and rock	22432	1400	30/10	DX183
1140	WQBA	Miami FL; first noted in SS xf CBI at 0650; caught partial EE ID in the mix at 0702 "... 11-40 AM Miami" and later, "La Voz de Miami"; found this on checking my recordings, after confirming the ID on 5/11; last heard in the UK in 1987	P/Fpks	0702	28/10	mah
1140	WQBA	Miami FL; SS tele-talk show & WQBA ID in EE at toth	G	0836	30/10	bd

kHz	Callsign	Station, location; details heard etc	SIO	UTC	Date	Who
1140	WQBA	Miami FL ; SS light songs, mixing w presumed CBI; ID "WQBA 11-40 está presentando una programación especial. Esperamos sea de su (completo agrado)"; thanks to Henrik Klemetz for help with this	W/F	0946	5/11	mah
1140	WQBA	Miami FL ; light SS songs, anns at 0759 mentioning "WQBA", Fpks difficult EE/SS ID at 0802 "This is WQBA 11-40 in Miami. Esta es WQBA ..." etc; xf presumed Cuba and CBI		0747	7/11	mah
1140	WQBA	Miami FL ; nice clear EE ID caught on tape, "You are listening G to WQBA"	G	0345	11/11	PL
1140	WRVA	Richmond VA; "11-40 WRVA" hrd under CBI	F	0929	26/10	mah
1140	WRVA	Richmond VA; C2C talk show // 1080 kHz	F	0841	30/10	bd
1140	CHRB	High River AB; Christian tlk; (also 33443 0820 22/10, 34433 0555 25/10, 22432 0920 30/10)	33443	0530	24/10	DX183
1140	CHRB	High River AB; ID "AM 11-40, southern Alberta's Community radio station, first for inspirational programming", then Back to the Bible; (also W/F 1143 30/10)	Fpks	0945	2/11	mah
1140	CHRB	High River AB; country, "Southern Alberta's Community Station, AM 11-40"	43443	0655	9/11	DX183
1140	CHRB	High River AB (presumed); rlgx px; F 0939, vW 0959	W/F	0928	11/11	mah
1140	CBI	Sydney NS; CBC News // 1070 kHz	W	2104	29/10	bd
1140	CBI	Sydney, NS; CBC ID mix with UNID country music	Fpk	0900	30/10	SW
1140	CBI	Sydney NS; CBC px ; xd UNID SS stn	W	0641	6/11	tkl
1140	HJDL	R Paisa, Medellín; música romantica, "La Cariñosa de Antioquia"	23432	0830	27/10	DX183
1140	HJRN	RCN Barbosa; news and reports	33433	0815	27/10	DX183
1150	WTTT	Boston MA ; tlk and nx from Boston area; (I think you meant WTTT rather than WBPS, Wilhelm - mah)	24442	0950	22/10	DX183
1150	KSEN	Shelby MT ; rock and pop	23432	0935	24/10	DX183
1150	WHBY	Kimberly WI; "WHBY Radio", phone-in; (also 24442 0925 24/10)	33443	0745	23/10	DX183
1150	WHBY	Kimberly WI; PSA, "This message presented in partnership with News Talk 11-50 WHBY"	F/G	0759	30/10	mah
1150	CKOC	Hamilton ON; soul-oldies	22532	0530	31/10	DX183
1150	CJRC	Gatineau QC (presumed); with OM talk. Not // CHNC 610 kHz	W	0725	15/11	JF
1150	CMKX	R Bayamo, Entronque Bueycito (presumed); very enjoyable Cuban music, SS anns, during which faded, so no ID	Gpk	0913	10/11	mah
1160	WYLL	Chicago IL; promo "... right here on Chicago's own AM 11-60 WYLL", followed by another ID	W/F	0528	29/10	mah
1160	WYLL	Chicago IL; ID just before hour	F	0258	30/10	PL
1160	WYLL	Chicago IL; religious talk show & "AM 11-60 WYLL" ID; (must be on 50kW with hurricane recovery)	F/G	0858	31/10	bd
1160	WABY	Mechanicville NY; "... weather forecast from AM 11-60 and AM 900 Moon Radio, with the songs you love and remember"; dom	F	0805	16/11	mah
1160	WABY	Mechanicville NY; "... on The Moon. It's the radio station that plays the songs of love and romance"	W/F	0821	23/11	mah
1160	WSKW	Skowhegan NY; local ads, "AM 11-60 The Score WSKW Skowhegan Waterville", ESPN Radio	W/Fpks	0700	16/11	mah

kHz	Callsign	Station, location; details heard etc	SIO	UTC	Date	Who
1160	WAMB	Donelson TN; church service & "WAMB Donelson" ID; UK FIRST	W	2258	30/10	bd
1160	KSL	Salt Lake City UT; "This is KSL Radio 11-60 Salt Lake City", then ABC News and reports; (also 34443 0625 23/10, 24442 0920 24/10)	24442	1000	22/10	DX183
1170	WWVA	Wheeling WV; "11-70 W-W-V-A" and traffic news at 0648	333	0648	25/10	CHC
1170	WWVA	Wheeling WV; " The Big One - WWVA 11-70"	vG	2300	27/10	PL
1170	WWVA	Wheeling WV; "News Radio 11-70 WWVA" & truckers' talk show // 700 kHz	vG	0755	30/10	bd
1170	WWVA	Wheeling WV; anns, ID "Loud and clear, anywhere in the valley, 24 hours a day, you're listening to News Radio 11-70 WWVA - depend on it"	F/G	0806	16/11	mah
1170		VOA Poro, Philippines ; CC, reports in EE, translated in CC, VOA IS; (also 33433 1355 3/11, 32432 1450 10/11)	33433	1410	2/11	DX183
1180	WHAM	Rochester NY; rolling news, mixing R Rebelde, Cuba.	G	0800	8/11	JF
1180	WHAM	Rochester NY (presumed); with Coast to Coast AM	F	0829	15/11	SW
1180	CMBA	R Rebelde, Villa María; // 670 & 710 kHz; classical music, ID	G	0640	26/10	JF
1180	CMBA	Radio Rebelde, Villa Maria; Latin songs	W/F	0657	26/10	JWe
1180	CMBA	R Rebelde, Villa María; // 710, 5025 kHz with news	F	0801	15/11	SW
1180	CMBA	Radio Rebelde, Villa María: SS Talk // 5025 kHz	W	0712	17/11	JW
1180	UNID	talk station, only audible on the 340 degree bev - who might this have been?	vW	1144	30/10	mah
1190	WLIB	New York NY; legal ID + "The home of Air America"; also good at 0006 9/11 with "New York's Progressive Talk WLIB" and "11-90 WLIB"	G	2059	28/10	SW
1190	WLIB	New York NY; talk show with WLIB ID	F	2055	30/10	bd
1190	WLIB	New York NY; "Eleven Hundred WLIB" ID and "The Mike Malloy show on Air America"		0417	17/11	JF
1190	WLIB	New York NY (presumed); Air America programme	W	0656	17/11	JW
1190	KEX	Portland OR (tentative); tlk, ABC News; hrd from 1048 to 1107, but too weak and too much splatter to catch an ID; don't think it could be anyone else	vvW	1101	31/10	mah
1190	CFSL	Weyburn SK; country; (also 32532 0525 18/11)	34433	0730	23/10	DX183
1190	LR9	R América, Buenos Aires; "América Informa" ID mixing WLIB. Classical music programming.	W	070	17/11	JF
1190	HJCV	R Cordillera, SF de Bogotá; easy Latino, "desde Radio Cordillera, Bogotá"	33433	0625	2/11	DX183
1200	WKOX	Framingham MA; emotional tlk	32432	0705	20/10	DX183
1200	WOAI	San Antonio TX; OM with weather and ID "WOAI"	W	0631	27/10	JW
1200	WOAI	San Antonio TX; "News Radio 1200 WOAI" and straight into Gospel song on top of hour! Mix CFGO	F/G	0300	31/10	PL
1200	CFGO	Ottawa ON; "Sports Radio 12-00" then lots of Ottawa stuff	F	0747	30/10	SW
1200	CFGO	Ottawa ON; ads one for a place on "Belfast Road"!	G	0240	31/10	PL
1200	YVOZ	R Tiempo, Caracas; SS ID "Estan es sintonía de Radio Tiempo YVOZ frecuencia 1,200 AM"	F	2303	29/10	mah
1200	UNID	Daytimer with discussion about politics, elections and Ohio (not CFGO or WOAI) maybe WKOX with Air America. 2 nd station underneath	W	2157	28/10	SW
1210	VOAR	Mount Pearl NL; contemporary Christian songs & church sermon	F/G	2020	30/10	bd

kHz	Callsign	Station, location; details heard etc	SIO	UTC	Date	Who
1220	CJRB	Boissevain MB; classical mx	23442	1010	22/10	DX183
1230	WSBB	New Smyrna Beach FL; "where America's best music comes to play, WSBB" & nostalgia format	F	0846	2/11	bd
1230	HJKL	R Calidad, Cali; SS ID " ... por Radio Calidad, la más popular ..." xf stn with rlgs songs; (also W 0723 2/11)	W	0742	1/11	mah
1242		AIR Varanasi, India ; Indian songs; (also 22532 1720 4/11)	33433	1450	3/11	DX183
1242		Voice of Vietnam, Can Tho (presumed); Vietnamese px, xf/dom Virgin Radio	Fpks	1601	28/10	mah
1242		VOV, Can Tho, Vietnam; VV nx, info; (also 32432 1445 3/11)	33433	1600	11/11	DX183
1250	WHNZ	Tampa FL ; promo for "Winz" toth ID as WHNZ, nx & then back to Joey Reynolds talk show	W/F	0900	2/11	bd
1250	CHSM	Steinbach MB; classical mx; (also 33443 0520 24/10)	34433	0735	23/10	DX183
1250	CHSM	Steinbach MB; waltz and orchestral mx	22432	0915	30/10	DX183
1250	CJYE	Oakville ON; interview with Christian musician.	G	0255	31/10	PL
1250	CJYE	Oakville ON (presumed); with God, God and yet more God!	vG	0035	19/11	JF
1250	HJCA	Capital Radio, Bogotá; SS MOR songs & OM with "Capital Radio" ID	F/G	0735	22/11	BD
1260	WMKI	Boston MA; Radio Disney programme & slogan; nice catch over BBC R York; FIRST TIME FOR ME	Fpk	2326	28/10	SW
1260	WMKI	Boston MA; Radio Disney pops	F	0731	30/10	bd
1260	WMKI	Boston MA; R Disney promo	F	0158	31/10	tkl
1260	CFRN	Edmonton AB; sports info, phone-in	22432	0510	24/10	DX183
1270	CJCB	Sydney NS; sports commentary	F/G	2021	30/10	bd
1280	WFAU	Gardiner ME; "The sports authority 12-80 and 14-50" Fox sports	F/G	2205	29/10	PL
1280	WFAU	Gardiner ME; "You're never more than 30 minutes away from the National Sports Report on FSR"	F	2244	5/11	JF
1280	WNAM	Neenah WI; ID "Music of Your Life AM 12-80 WNAM", then NOS	F	0607	14/10	MM
1280	CFMB	Montréal QC; ethnic programming in Slavic language. "Radio Montreal" jingle ID. WFAU took over the channel several minutes later	F	2125	28/10	JF
1280	CFMB	Montréal QC (presumed); II news	F	2301	29/10	mah
1280	CFMB	Montréal QC; RR(?) programme then into PP	G	2127	30/10	bd
1280	CJSL	Estevan SK; country, anns	34433	0720	23/10	DX183
1280	CJSL	Estevan SK; country	22432	0650	9/11	DX183
1280	WCMN	Arecibo PR; "Esta es WUNO San Juan NotiUno 6-30"	F	0730	1/11	mah
1280	WCMN	Arecibo PR; "Noti Uno, WCMN Arecibo" IDs	W	0101	6/11	JF
1287		AIR Panaji, India; Indian songs	32432	1725	3/11	DX183
1290	WJNO	West Palm Beach FL; "News Radio 12-90 WJNO", C2C	F	0812	27/10	mah
1290	WJNO	West Palm Beach FL; "News Radio 12-90 WJNO West Palm Beach"; briefly on top of the mix; (also W/F 0530 29/10)	Wpk	0000	29/10	mah
1290	WJNO	West Palm Beach FL; "News radio 12-90 WJNO West Palm Beach" & Fox News	W	0500	2/11	bd
1290	WJNO	West Palm Beach FL; C2C, ID "12-90 WJNO West Palm Beach"; (also W/F 0900 24/11)	W/F	0900	16/11	mah
1290	WKBK	Keene NH; ID "12-90 WKBK Keene"; mixing WJNO	W/F	0900	16/11	mah
1290	WRNI	Providence RI; lots of WRNI IDs, including "12-90 WRNI Providence, 12-30 WXNI and on the web at wrni.org"; briefly on top of the mix; (also Fpks 1000 16/11)	Wpk	0059	29/10	mah

kHz	Call sign	Station, location; details heard etc	SIO	UTC	Date	Who
1290	CFRW	Winnipeg MB; oldies	24422	0910	24/10	DX183
1290	YVLF	Radio Puerto Cabello; talk	W/F	0640	28/10	JWe
1290	YVLF	R Puerto Cabello (tentative); SS sports (also W tent 2343 6/11, W 0225 9/11, W 2345 10/11)	F/G	2313	2/11	tkl
1290	YVLF	R Puerto Cabello; promo and ID	F	0749	8/11	JF
1305		AIR Parbhani, India ; Indian songs	23432	1655	3/11	DX183
1310	CHLW	St Paul AB (presumed); back to back country music, in and out of the splatter to about 1116, but IDs never coincided w peaks	Fpks	1024	2/11	mah
1320	KELO	Sioux Falls SD ; light oldies and pops	22432	0840	24/10	DX183
1320	CHMB	Vancouver BC; CC tlk	32442	0620	11/11	DX183
1320.01	CKEC	New Glasgow NS; fiddle mx	F/G	2153	29/10	bd
1320	CKEC	New Glasgow NS; good morning , CKEC weather update; also unusually excellent at 2336 5/11	F	0837	30/10	SW
1320	CKEC	New Glasgow NS; "BN Report" and "BN Sports Desk" with local New Glasgow results. Very clear signal	F	2303	5/11	JF
1320	CKEC	New Glasgow NS; phone in donations – "Total of \$66196 thank you so much" then ID "CKEC New Glasgow"	G	2256	20/11	JW
1320	CJMR	Mississauga ON; Indian music. Alone! No CKEC whatsoever!	F	0243	24/11	JF
1330	WRCA	Waltham MA; light instrumental mx, brief ID "13-30 WRCA Waltham"	W/F	0849	24/11	mah
1330	CJYM	Rosetown SK; rock and pop oldies	33443	0825	24/10	DX183
1330	CJYM	Rosetown SK; oldies"13-30, 12-10"	vW/P	0914	11/11	mah
1332		AIR Tezu, India; radio play	43433	1455	5/11	DX183
1359		CNR-1, various sites listed; tlk, // 4460 kHz	22432	1435	8/11	DX183
1360	WDRG	Hartford CT; "You're listening to the talk of Connecticut AM 13-60 WDRG Hartford"; dominant	F	0800	29/10	mah
1360	WKAT	North Miami FL; tuned in to catch "13-60 WKAT"	F	2304	29/10	mah
1360	WKAT	North Miami FL; South Florida wx on "News talk WKAT"	W/F	2243	1/11	bd
1360	WYOS	Binghamton NY ; clear ID on two different occasions but no programming! "Talk Radio WYOS" 0730 on 28/10 and "WYOS Binghamton" 2300 on 28/10	W	2300	28/10	SW
1360	WYOS	Binghamton NY ; "Progressive Talk Radio WYOS Binghamton"; xd WDRG	W/F	0800	30/10	mah
1360	WSAI	Cincinnati OH; difficult copy, but I believe the OM said "WSAI Cincinnati 13-60 Homer - The Sports Animal - the Fox National Sports Report starts right now"; noted in the mix	W/P	0600	29/10	mah
1360	KKMO	Tacoma WA; SS, ranchera-Christian style mx	33543	0825	31/10	DX183
1360	UNID	Excited SS religious preacher, xf WDRG	Fpks	0908	29/10	mah
1360	UNID	SS/Mex, faded at toth - probably KKMO	Fpks	0958	30/10	mah
1368		AIR Gwalior, India ; traditional Indian songs	22432	1445	5/11	DX183
1370	WDEA	Ellsworth ME; "AM 13-70 WDEA"; (also S8 2230 19/10)	G	2254	20/10	BR
1370	WDEA	Ellsworth ME; oldies	G	2229	27/10	PL
1370	WDEA	Ellsworth ME; nostalgia format & "AM 13-70 WDEA"	F	2140	30/10	bd
1370	CFOK	Westlock AB; country; (also 33433 0815 24/10)	34443	0710	23/10	DX183
1370	ZYJ782	R Peperí, São Miguel do Oeste ; ID'ed in Boa Vontade fadeout: "muito obrigado pela sintonia ... nosso trabalho... aqui na Peperí, toda hora todo dia, uma melhor companhia". Thanks to Rocco Cotroneo for checking the tape	F	0125	8/11	RB
1370	ZYK766	R Boa Vontade, São Paulo; usual religious stuff and ID	W	0040	27/10	RB

kHz	Call sign	Station, location; details heard etc	SIO	UTC	Date	Who
1377		CNR-1, Henan, China; CC mx, NA, s/off; // 4460 kHz; (also 32522 1438 29/10, 32332 1420 2/11, 33433 1420 5/11)	33433	1725	1/11	DX183
1380	WWMI	Saint Petersburg FL (presumed); "Radio Disney" noted in the mix; (also W 0557 27/10, P 0922 5/11)	W/P	0758	26/10	mah
1380	WMYF	Portsmouth NH; with nostalgia tunes (easy to confuse with CKLC) then ID as "The Music of Your Life only on AM 13-80 WMYF"; very rare & personal first	Fpks	2353	8/11	SW
1380	WMYF	Portsmouth NH; ID "This is the ... station for unforgettable favourites 13-80 WMYF Portsmouth"	Fpks	0800	17/11	mah
1380	WMYF	Portsmouth NH; "Music of Your Life on AM 13-80 WMYF"; xf	W/F	2232	22/11	mah
1380	KOTA	Rapid City SD ; "12 PM, KOTA, Rapid City, South Dakota"; US news and reports; (also 22432 0805 24/10)	32442	0700	23/10	DX183
1380	WSYB	Rutland VT ; nx, ID "This ... news on 3WT and WSYB ..."; xf W/F		2232	22/11	mah
1380	KRKO	Everett WA; phone-in, commercials, CNN(?) News, wx	23432	0755	24/10	DX183
1380	CKLC	Kingston ON; couple of IDs as toh in a mix up with WMYF	P	2359	8/11	SW
1380	CKLC	Kingston ON; "All time favourites 13-80 CKLC - a Chum radio station in Kingston"; (also W/P 0706 16/11)	W/F	0954	23/11	mah
1380	CB138	R Corporacion, Santiago de Chile; religious px in SS and ID; hrd also with the list of Radio Portales frequencies and affiliates in a number of Chilean regions	W	0147	27/10	RB
1380.04	HJEE	RCN Tunja; ID then into news	F	0100	7/11	RB
1386		R Rurale, Labé, Guinea; YL in talk	Gpks	2252	1/11	PL
1385.92		R Rurale, Labé, Guinea; local language many references to Conakry and Dakar	G	2254	1/11	SW
1386		Tanjin Life Channel, China ; phone-in; (also 32432 1525 6/11, 34443 25442 1335 8/11, 24442 1435 13/11)		1430	5/11	DX183
1386		Sathaanii Witthayu Pheua Kaan Kaset, Bangkok, Thailand ; 24432 Thai tlk and Thai songs; (also 24432 1415 5/11)		1440	3/11	DX183
1390	WEGP	Presque Isle ME; ad for "Presque Isle John Deere agent"	S6	2231	3/10	BR
1390	WEGP	Presque Isle ME; C2C, hrd many times over the last few weeks	F/G	0619	24/10	MM
1390	WEGP	Presque Isle ME; 2 talkers WEGP on top with "USA Radio Network News"	F	0100	28/10	JW
1390	WEGP	Presque Isle ME (pres); xd	W	0545	29/10	CW
1390	WEGP	Presque Isle ME; WEGP/WREM wx	F/G	2130	29/10	bd
1390	WEGP	Presque Isle ME; wx from ABC; (also 2310, nx, ID)	G	0732	30/10	tkl
1390	WEGP	Presque Isle ME; local ads just before legal ID then USA Promotion for Black Bear Hockey game of the week on Saturdays at 7pm	F	2359	7/11	SW
1390	WPLM	Plymouth MA; "WPLM AM & FM Plymouth-Boston, New England's Comfort Zone for the best songs on the radio" "Easy 99 point one" sung jingle; WPLM often seems to miss top of hour for its legal IDs; absent most of November	F	0402	29/10	SW
1390	WPLM	Plymouth MA (pres); "Candle In The Wind"	W	0545	29/10	CW
1390	WEOK	Poughkeepsie NY (tentative); numerous "ESPN Radio" checks but no ID heard (Fpks at times- over/under other station)	F	2239	20/11	JW
1390	WFBL	Syracuse NY; "Newstalk 13-90 - WFBL" ads and references to Elk Ridge	F	2147	27/10	PL
1390	WFBL	Syracuse NY; promo for National Guard; IDs; absent most of November!	Fpks	2205	27/10	SW

kHz	Callsign	Station, location; details heard etc	SIO	UTC	Date	Who
1390	WFBL	Syracuse NY; "...on Talk Radio 13-90 WFBL"	W/F	2235	27/10	RB
1390	WZHF	Arlington VA; program in Amharic language	F	2328	17/11	GG
1390	HRVC	La Voz Evangelica, Tegucigalpa; religious music, jingle ID "... esta es HRVC"	G	0700	30/10	JWe
1390	XEXO	Ciudad Mante, Estado Tamaulipas, México; ranchera mx and " La Super Buena" ID	W/F	0538	1/11	GG
1390	ZYJ473	Sul Fluminense AM, Barra Mansa; lively football match (Vasco da Gama – Santos at Sao Janeiro stadium) and ID as "Sul Fluminense AM e California FM"; earlier, mentions of Barra Mansa and Volta Redonda. Impressive signal for a claimed 500w. Thanks to Rocco Cotroneo for checking the tape	F/G	2330 -	26/10 0100	RB
1390	ZYJ473	R Sul Fluminense, Barra Mensa; live football and advs "Sul Fluminense... de noite... mil trecentos e noventa..." (tnx DXer R Cotroneo for hearing the file)	G	2330	17/11	GG
1390	ZYK209	R Esperança, Porto Alegre; religious programming in PP and mx, ID'ed thanks to a // with Rocco Cotroneo in Rio via VOIP software Skype	W/F	0010	27/10	RB
1390	YVZA	R Fé y Alegría, Caracas; "Palabras de vida, escúchelas todos los días a las 6 de la mañana y a las 6 de la tarde por Fé y Alegría. En Fé y Alegría 9.59 minutos"; then into typical joropo, title also announced: Fiesta en Eloraza, performed by Eneas Perdomo, and also written by Eneas Perdomo!! (Thanks to Henrik)	Fpk	0200	2/11	SW
1390	YVZA	R Fé y Alegría, Caracas (tent); SS tlc xd UNID	W/Fpks	0410	3/11	tkl
1390	YVZA	R Fé y Alegría, Caracas; "En Fé y Alegría", once	W	0301	6/11	JF
1390	YVZO	R Lumen 2000, Maracaibo; SS ID, to me sounding like "En dolevé kay ere ... "; however, Henrik Klemetz has has a listen to the clip and says it is: "EWTN, i.e. Radio Católica Mundial. The initial "e" is "lost" in the preceding vowel, a phenomenon called sinalefa" - thanks, Henrik!; over YVZA	Fpk	0800	6/11	mah
1395		AIR Bikaner, India; EE nx and info; (also 32532 1505 29/10, 32432 1645 3/11, 33433 1450 5/11)	33433	1535	1/11	DX183
1400	WOND	Pleasantville NJ; lots of IDs and promos for upcoming shows	G	0330	10/11	PL
1400	WOND	Pleasantville NJ; mixing equal levels CBG Gander NL; talk show, then ID at top of the hour	W	2300	10/11	JF
1400	WOND	Pleasantville NJ; ID "On the radio station you can depend on News talk W-O-N-D"	G	0701	15/11	JW
1400	CBG	St John's NL; interview w pop star; strongest ever from here	S8	2125	25/9	BR
1400	CBG	Gander NL; CBC News, mx	G	2200	29/10	tkl
1400	CBG	Gander NL; Canadian personality review	F	1905	30/10	bd
1400	CBG	Gander NL; CBC News	W	0900	2/11	SW
1400	CBG	Gander NL; mixing WOND. cbc.ca web address given; usual piano jingle at top of hour	W	2300	10/11	JF
1400		Harbour Light of the Windwards, Carriacou; choir, EE preaching & South Seas style singing !!	W	2214	21/9	BR
1400		Harbour Light of the Windwards, Carriacou; religious px	W/F	0021	01/11	PL
1400		Harbour Light of the Windwards, Carriacou; rlgx px	W/F	2213	4/11	tkl
1410	WPOP	Hartford CT; Connecticut ads, ID "We now go back to our regular programming on Hartford's ESPN Radio 14-10"	F	0657	26/10	mah
1410	WPOP	Hartford CT; sports commentary	W/F	2309	29/10	bd

kHz	Callsign	Station, location; details heard etc	SIO	UTC	Date	Who
1410	CFUN	Vancouver BC; tlk, commercials; (also 24432 0945 23/10, 22432 0450 24/10, 34443 0905 30/10)	33443	0810	22/10	DX183
1410	CFUN	Vancouver BC; phone-in, "C-fun" anns; (also 33443 0720 10/11, 34443 0610 11/11, 32432 0615 19/11)	34543	0640	9/11	DX183
1410	UNID	What is this ? Tlk stn w "VOCM Radio" or I read it wrong. QSB		2221	17/10	BR
1420	WBRD	Palmetto FL ; contemporary Christian songs & "AM 14-20 WBRD" ID; UK FIRST	F	0752	3/11	bd
1420	WDJA	Delray Beach FL ; business talk & "14-20 WDJA Delray Beach and 1000 WJBW Jupiter"	W	1000	3/11	bd
1420	WDJA	Delray Beach FL ; very weak ID just before the toth; "14-20 WDJA Delray Beach ... 1000 WJDW Jupiter"; this seemed to be the one carrying Sporting News Radio	vW	1000	5/11	mah
1420	WBEC	Pittsfield MA; tlk, "AM 14-20 WBEC", news, later sports talk; (also 22432 0725 28/10)	32432	0755	22/10	DX183
1420	WBSM	New Bedford MA; "AM 14-20 WBSM"	W	0807	24/11	mah
1420	CKIM	Baie Verte NL; "6-20 VOCM - depend on it"	F	0906	7/11	mah
1420	CKDY	Digby NS; www.avrnetwork.com spot & back to back country	W/F	0835	3/11	bd
1420	YVNZ	R Marabina, Maracaibo; reference to Marabina, OM in talk then fast Latin music	F/G	0115	2/11	PL
1420	YVNZ	R Marabina, Maracaibo; SS ID	W	0633	7/11	tkl
1430	KEZW	Aurora CO; NOS, "KEZW"; (also 32532 0745 31/10)	22432	0650	23/10	DX183
1430	WNSW	Newark NJ; legal ID but not much else – channel dominated by WENE	Fpk	0500	28/10	SW
1430	WNSW	Newark NJ; SS talk show & toth ID "AM 14-30 WNSW Newark, New York City"	G	2200	29/10	bd
1430	WENE	Endicott NY (tentative); sports talk, severe splatter 1431 kHz	Fpks	0511	12/10	MM
1430	WENE	Endicott MA; local ads & community events "This is Binghamton's (?) All Sport Station Sports Radio 14-30 The Team"; Fox; promo for "The Third Shift"	F	0721	28/10	SW
1430	WENE	Endicott NY; "Sports Radio 14-30 - The Team"	F	0630	31/10	tkl
1430	WENE	Endicott NY; "Get the latest sports on The Team" ID	F	0745	8/11	JF
1430	CHKT	Toronto ON; Chinese programming	F/G	2208	27/10	PL
1431		R Sawa, Djibouti; US RnB tune then YL news in Arabic at 2345 then Arabic pop music; IDs	Gpks	2340	19/11	SW
1449		IRIB-Voiri, Bandar-e-Torkaman, Iran; Turkmen, Iranian mx and anns	43433	1630	3/11	DX183
1450	WKXW	Atlantic City NJ; ESPN Sports promos, ID "ESPN 14-60 WKXW"	W/F	0620	12/10	MM
1450	WKXW	Atlantic City NJ; frequently heard carrying ESPN sports ID at 0703 "14-50 WKXW Atlantic City"	F	0703	28/10	SW
1450	WHKP	Hendersonville NC ; ID "WHKP 14-50", then into NOS mx; possible UK FIRST ; I've spoken to Martyn on the telephone, and he's going to send me a recording of this ID to check - mah	F	0620	20/10	MM
1450	CHUC	Cobourg ON; OM ID "14-50 CHUC", oldies	F	2253	15/10	BR
1450	VSBI	Hamilton; oldies, easy-listening	32432	0705	28/10	DX183

kHz	Call sign	Station, location; details heard etc	SIO	UTC	Date	Who
1450	VSB1	Hamilton; wx, local anns, ID "You're listening to VSB1 14-50 .."; at 2244 "Stay tuned now for the Caribbean Report up next, followed by the BBC News from London at 7 o'clock, and then come back to join us here at 7.30", mx, ID "Bermuda's choice for ... this is 14-50 AM"	W/F	2234	4/11	mah
1467		AIR Jeypore, India; sports; (also 33433 1415 10/11)	33433	1345	6/11	DX183
1467		R Thailand Educational Network, Pathum Thani; Thai, report; (also 33533 1450 4/11, 32432 1405 5/11, 33433 1340 6/11, 22432 1415 10/11)	24442	1345	3/11	DX183
1470	WLVU	Dunedin FL; ESPN Sports	22532	0420	31/10	DX183
1470	WWNN	Pompano Beach FL; faded up briefly for ID	W	0704	13/11	JWe
1470	WWNN	Pompano Beach FL; ID and travel show. (Thanks to Steve Whitt for the help here)	W	0100	14/11	JF
1470	WWNN	Pompano Beach FL; infomercial for Barry's Vitamin & herbs in Boca Raton; also good on morning of 14/11	F	0129	15/11	SW
1470	WWNN	Pompano Beach FL; America Overnight talk show, IDs "AM 14-70 WNN" & "WWNN Pompano Beach WBSR Boca Raton"; (IRCA reports cheating with 50kW day power!)	F/G	0605	23/11	BD
1470	WLAM	Lewiston ME; ID "14-70 WLAM"	S6	2218	14/10	BR
1470	WLAM	Lewiston ME; "We're Maine's memory station 14-70 WLAM" nostalgia tunes;	F	2346	8/11	SW
1470	WLAM	Lewiston ME; Song "Sunday Will Never Be The Same" ID "14-70 WLAM" then into news	W/F	0558	14/11	JW
1470	WLAM	Lewiston ME; still with nostalgia but due to flip to ESPN sports	W	0557	20/11	BD
1470	CJVB	Vancouver BC; CC, report; (also 344443 0550 23/10, 33433 0440 24/10)	34433	0500	22/10	DX183
1470	CJVB	Vancouver BC; unid language, mx, tlk, local commercials; 0900 in CC; audible until 1200; (also 33533 0410 31/10)	34543	0255	30/10	DX183
1470	CJVB	Vancouver BC (tent); brief appearance of YL talk in Chinese	P	0908	30/10	SW
1470	CJVB	Vancouver BC; CC, phone-in; (also 33433 0540 10/11, 34433 0540 11/11, 34433 0605 19/11)	34433	0615	9/11	DX183
1470	CJVB	Vancouver BC (presumed); CC tlk; W at 1011	F	0902	11/11	mah
1470	XEAI	México DF; standards & pops "Radio Fórmula"	F/G	0707	19/11	JWe
1470	ZYJ616	R Rural de Parelhas, Parelhas; "A Radio da Família Seridoense" slogan	W	2315	26/10	RB
1470	YVSY	R Vibración, Carúpano; SS ID, LA mx; often hrd	W/F	0108	31/10	tkl
1470	YVSY	R Vibración, Carúpano; a frequent visitor; most music with IDs & TC between tracks; sometimes Union Radio programming "desde centro noticias de Unión Radio";	F	0400	1/11	SW
1470	YVSY	Radio Vibración, Carúpano; Union Radio rolling nx with "Vibración" ID in spots	G	0355	18/11	BD
1476		AZR-2, Pirsat, Azerbaijan; songs	22322	1448	29/10	DX183
1476		R Thailand, Lamphun; Thai tlk and Thai mx; (also 24342 1310 3/11, 22432 1450 4/11, 34433 1350 6/11, 22432 1430 9/11)	23432	1325	2/11	DX183
1480	WMDD	Fajardo PR; SS ID, mx	F	0207	9/11	tkl
1490	WBAE	Portland ME; ID on hour, ABC news then oldies	F/G	2300	27/10	PL
1494		Xinjiang PBS, Urumqi; report; (also 22322 1510 2/11)	32432	1420	13/11	DX183
1494		Or Sor Mor Thor, Bangkok, Thailand; phone-in	34433	1425	13/11	DX183
1500	WFIF	Milford CT; "Life Changing Radio" religion; day-timer audible before WTOP fade in.	W	2109	28/10	SW

kHz	Callsign	Station, location; details heard etc	SIO	UTC	Date	Who
1500	WTOP	Washington DC; "W-T-O-P Radio Sport" at 0648	423	0648	24/10	CHC
1500	WTOP	Washington DC; "weather round the clock with WTOP Radio"; (also F/G 0607 27/10, W 2301 29/10)	G	0630	28/10	CW
1500	WTOP	Washington DC; ads then ID "W-T-O-P News time..."	W	2243	28/10	JW
1500	WTOP	Washington DC, rolling nx	F	2050	29/10	bd
1500	WTOP	Washington DC; "WTOP News time now 2.35"	G	0735	1/11	mah
1500	WTOP	Washington DC; "WTOP newstime 2:34"	F	0734	2/11	SW
1500	WTOP	Washington DC; ID; often heard	W	0229	8/11	tkl
1500	KSTP	Minneapolis MN; talk, sport, info, Minnesota downtown commercial	44433	0640	23/10	DX183
1500	XEDF	R Fórmula, Mexico; SS "En los 1500 Formula 1"	F	0705	19/11	ss
1500	HJLJ	La Básica 1500, Cali; Christian social tlk	33433	0625	5/11	DX183
1503		Al-Arish, Egypt; AA long nx px, local ID, AA songs	F/Gpks	1709	17/11	ss
1510	WWZN	Boston MA; "15-10 The Zone", sports talk	G	2235	20/10	BR
1510	WWZN	Boston MA; Boston ads, "...15-10 The Zone continues..."	444	0353	24/10	CHC
1510	WWZN	Boston MA; sports tlk; (also F/G every night until 10/11 between 2200 and 0345 - a European TA-DX benchmark)	G	2215	29/10	tkl
1510	WWZN	Boston MA; ID	G	2300	29/10	CW
1510	WWZN	Boston MA; OM "Larry E Lewis on Wednesday night 6-7pm 15-10 The Zone" Telephone no 866 337 9663 (Zone)	G	2301	2/11	JW
1510	WWZN	Boston MA; sports talk; "... 15-10 The Zone..." at 0059	332	0059	19/11	CH
1510	WWZN	Boston MA; ads then sports talk (call 1-866-337-9663) "15-10 the Zone"	F	0002	20/11	SW
1510	WLAC	Nashville TN; phone-in	34433	0440	22/10	DX183
1510	WLAC	Nashville TN; country-style songs, "WLAC AM 15-10"	33433	0955	23/10	DX183
1510	WLAC	Nashville TN; "News Radio 15-10 WLAC" mixing with & briefly over WWZN; also gospel mixing 1510 at same time	Fpk	2218	27/10	SW
1510	KGA	Spokane WA; phone-in, local commercials, news and reports; (also 34443 0555 23/10, 34543 0750 24/10)	33433	0440	22/10	DX183
1510	KGA	Spokane WA; sports radio info; audible until 1245	44533	0405	30/10	DX183
1510	KGA	Spokane WA; ads, promo "... here on the Big Talker 15-10 KGA"	W/F	1035	30/10	mah
1510	KGA	Spokane WA; ABC News	33433	0400	1/11	DX183
1510	KGA	Spokane WA; news and info, tlk; (also 33443 0710 11/11)	33443	0710	9/11	DX183
1510	KGA	Spokane WA; "15-10 KGA"	W/F	0856	11/11	mah
1510	KGA	Spokane WA; nx, local wx, anns, tlk	34443	0500	19/11	DX183
1510	KGA	Spokane WA; "KGA Spokane", lots of ads, tlk	F/Gpks	0510	19/11	ss
1510	CKOT	Tilsonburg ON ; promo for sports show; 3 stns here !!; possible UK/Ireland FIRST - do you have a recording of this, Brendan? - mah	S9	2236	20/10	BR
1510	UNID	"W--N", but not WWZN; OM ID and wx "50 degrees F"; MOR mx px; faded		2236	20/10	BR
1512		BSKSA, Jeddah, Saudi Arabia (presumed); chants in AA	433	0045	19/11	CH
1520	WWKB	Buffalo NY; ID, mx; (also F/G 0102 31/10, 0655 6/11)	F/G	2215	30/10	tkl
1520	WWKB	Buffalo NY; "KB Radio" "Tower of Power"; regular signal at UK dawn	G	0820	16/11	SW
1520	WWKB	Buffalo NY; ID "KB Radio 15-20" then into record "I Remember You"	f/g	2333	16/11	JW
1520	WWKB	Buffalo NY; 50s/60s oldies & jingle ID	W/F	0503	18/11	BD
1520	KOKC	Oklahoma City OK; phone-in	22542	0725	31/10	DX183

kHz	Callsign	Station, location; details heard etc	SIO	UTC	Date	Who
1520	WVOZ	San Juan PR; TOH ID with list of affiliates: WUIL, WEKO, WCHQ	W	0200	7/11	RB
1520	WVOZ	San Juan PR; SS non-stop typ mx mix w CLM, no ID	F/Gpks	0516	17/11	ss
1520	HJLI	Vida AM, Bogotá; religious talk and ID, over WKBW	G	0228	6/11	PL
1520	HJLI	Vida AM Música, SF de Bogotá; SS ID "Esta es emisora Ecos del Palmar"; (also tent W 0645 7/11 and 0054 8/11 w SS ID)	W	0702	6/11	tkl
1520	HJLI	Vida AM, Santa Fé de Bogotá; rlgx px and postal address at Dg 33 13A-54, Bogotá	F/G	0155	7/11	RB
1520	HJLI	Vida AM, Bogotá; SS "por Vida AM ... SF Bogotá" has rel px "LV de la Esperanza" at 0532	F/Gpks	0521	17/11	ss
1520	HJLI	Vida AM Música, Bogotá; YL with SS religious talk & OM with ID	F	0455	18/11	BD
1521		CRI Urumqi, China; talk in Russian, ID at 1408	F	1407	28/10	JWe
1521		CRI Urumqi, China; RR, reports; (also 35553 1200 4/11)	35443	1230	3/11	DX183
1521		CRI Urumqi, China; Chinese songs to 1855; re-sign on at 1900 with IS and IDs	533	1850	4/11	CH
1521		CRI Urumqi, China; IDs heard often in November also as early as 1310 on 8/11 in Russian // 5915 kHz	G	1402	10/11	SW
1530		VOA Pinheira, São Tomé; African orientated news in English	232	0309	22/11	CH
1530	WSAI	Cincinnati OH; news	F	2301	20/10	BR
1539		CNR-1, unknown site; // 4460 kHz; (also 22432 1415 13/11); (Kashi, Xinjiang listed for this frequency on the Pacific-Asian Log site at www.radioheritage.net/PAL - mah	32432	1355	5/11	DX183
1540	KXEL	Waterloo IA; news and reports; (also 33543 0715 31/10)	34443	0600	23/10	DX183
1540	KXEL	Waterloo IA; ID "News Talk 15-40 encourages you to..." and "News Talk 15-40 KXEL"; personal first	F	0200	19/11	JW
1540	KXEL	Waterloo IA (pres); monitoring 1540 all night brought up just one poor reference to "Newstalk" when CHIN, WDCD & ZNS all faded down together	P	0300	19/11	SW
1540	WDCD	Albany NY (tentative); pop mx, anns, promos, severe QRM Germany	Fpks	0345	5/10	MM
1540	WDCD	Albany NY; religion "WDCD"	W/F	0710	1/11	JWe
1540	WDCD	Albany NY; "15-40 WDCD" ID in the pile, then weather report.	F	2325	10/11	JF
1540	WDCD	Albany NY; local religious programmes from Greater Grace Community Church at 0102 and the Reach Out Fellowship at 0329 all with addresses/phone numbers in Albany area; mixing with others on 1540	Fpks	0100	19/11	SW
1540	CHIN	Toronto ON (presumed); CC tlk, splatter from Spain 1539 kHz	Fpks	2313	13/10	MM
1540	CHIN	Toronto ON; oriental programme	G	2331	17/11	JF
1540	CHIN	Toronto ON; China Radio International in English; also with ID "Multi-cultural voice of Toronto Chin Radio 15-40 simulcasting 91.9 FM" heard at 0830 22/10 Also heard with Greek style music from Serbo-Croat show	Fpk	0101	18/11	SW
1540	ZNS1	R Bahamas, Nassau; EE rlgx px; (also 2355 1/11, W/F 0048 5/11 "This is AM 15-40 - the National Voice of the Bahamas")	F	2220	30/10	tkl
1540	ZNS1	Nassau, Bahamas; weather forecast, programme promo and ID at toh as "ZNS 15-40 AM" with time check; also ID as "National Voice of the Bahamas at 2346 5/11; also with live political speeches from various named MPs 0102 18/11	F	2355	1/11	SW

kHz	Call sign	Station, location; details heard etc	SIO	UTC	Date	Who
1540	ZNS1	Nassau; "Music 'til Dawn", jingle, lots of nice IDs "This is ZNS1 in Nassau. It's now 2.27"	G	0728	2/11	mah
1540	ZNS1	Bahamas; discussion on health matters	F	0055	3/11	bd
1540	ZNS1	Nassau, Bahamas; interview with runner, end of news show, wx	W/F	2358	3/11	PL
1540	ZNS1	Nassau, Bahamas; politics talk, USB	F	0107	10/11	PL
1540	ZNS1	Nassau; IDs "This is the Bahamas Radio Network. In and around the Bahamas the correct time now is 4 o'clock", anns, rlgx px	F	0900	17/11	mah
1540	XEHOS	Hermosillo; speech	22432	0345	1/11	DX183
1548		Radio Sawa, Kuwait; couple of clear IDs; over UK locals	Fpks	1631	10/11	SW
1550		RASD Tindouf Algeria; regularly at least a fair signal. Full ID with bursts of martial music	G	2300	7/11	SW
1550	KADZ	Arvada CO ; R Disney pop; (also 33433 0615 23/10); (did you get a positive ID on this, Wilhelm? This was recently reported as silent - apparently reactivated ; the other Disney station listed for this channel is WDKZ Bloomfield CT- mah)	24432	0940	30/10	DX183
1550	WRHC	Coral Gables FL ; LA mx, SS anns, EE/SS ID at 0902 "This is WWFE 6-70 AM Miami. Esta es La Poderosa 6-70 AM ...", "La Poderosa" jingles; cross-fading with another - not often I hear anything on this channel; UK FIRST?	Fpks	0851	7/11	mah
1550	CBE	Windsor ON; YL phone in w OM in British English - BBC??	F	0740	22/10	BR
1550	CBE	Windsor ON; talk, // 1070 kHz	23432	0615	23/10	DX183
1550	CBE	Windsor ON; CBC News // 1070 kHz	F	0901	30/10	bd
1550	XEBG	Tijuana; tlk, música romantica, "Radio 15-50", "La BG de Tijuana"	32432	0725	19/11	DX183
1557		PBC Skardu, Pakistan ; Pakistani/Indian music	33433	1440	4/11	DX183
1557		PBC Skardu, Pakistan ; Urdu nice songs, YL stating Pakistan	F/Gpks	1440	16/11	ss
1557		Family Radio, Kouhu, Taiwan; Open Forum, Family Radio promos; dom over Euros	F/G	1430	27/10	mah
1557		Family Radio, Tanshui, Taiwan; EE rlgx tlk	43543	1420	29/10	DX183
1557		Family Radio, Tanshui, Taiwan; www.familyradio.com ; (also 33533 1300 4/11, 33433 1245 6/11, 43433 1450 8/11, 44544 1405 10/11, 45444 1345 13/11)	44533	1400	5/11	DX183
1560	KNZR	Bakersfield CA ; news, commercials and reports, "15-60 KNZR Bakersfield"	34443	0605	23/10	DX183
1560	WQEW	New York NY; Radio Disney promos, "AM 15-60 WQEW New York City"	F/G	0800	28/10	mah
1560	WQEW	New York NY; WQEW legal ID + Disney slogan	G	0800	28/10	SW
1560	WQEW	New York NY; Radio Disney pops	vG	2115	29/10	bd
1560	WQEW	New York NY; R Disney; (also F 0642 7/11, 0318/2342 10/10)	F	0205	31/10	tkl
1560	XECHZ	Chiapa de Corzo; ranchera; (also 33433 0700 19/11)	44433	0650	10/11	DX183
1560	XECHZ	R Lagarto, Chiapa de Corzo, SS songs "1560 AM en el aire R Lagarto, transmite 24h ... potencia de 25 kilovatios, R Lagarto, Voz ... de Chiapas"	F/Gpks	0631	19/11	ss
1560	XEINFO	México DF; news and info	33533	0450	31/10	DX183
1560	HJCP	RCN Antena 2, Arbelaez; Latino pop	33443	0555	28/10	DX183
1566		AIR Nagpur, India; EE news; (also 33543 1425 29/10)	44544	1430	4/11	DX183
1570	CKMW	Winkler MB; phone-in	33443	0935	30/10	DX183
1570	CFAV	Laval QC; OM ID then oldies	S9	2248	20/10	BR
1570	CFAV	Laval QC; disco, French announcer; "Radio Boomer"	G	0834	30/10	SW

kHz	Callsign	Station, location; details heard etc	SIO	UTC	Date	Who
1570	CFAV	Laval QC; FF tlk, mx	F	0818	31/10	tkl
1570	CFAV	Laval QC FF old pop, "CFAV...Laval...Radio"	F	0718	16/11	ss
1570	CFAV	Laval QC; Oldies, ID "CFAV - Radio Boomer" then interview. French language	G	0034	19/11	JF
1570	XERF	Ciudad Acuña CO; OM with SS tele-talk show	F/G	0750	24/11	BD
1570	UNID	OM singing "Mexico" oldies px in SS	S5	0740	22/10	BR
1575		Radio Farda, UAE; "Radio Free Europe-Radio Liberty, Washington DC" three times then "Radio Farda" IDs by YL and OM	433	1700	2/11	CH
1575		R Farda, UAE; Farsi OM/YL tlk, mx bridges, ID	G	1435	17/11	ss
1575		VOA Ayutthaya, Thailand; Asian language tlk, EE ID at 1330 "This programme has come to you from the Voice of America"	W/F	1321	28/10	mah
1575		VOA Ayutthaya, Thailand; Khmer, info; (also 43443 1335 3/11, 34433 1410 13/11)	33443	1415	1/11	DX183
1580	XEDM	Hermosillo; tlk, anns, "La Grande de Sonora"; (also 32432 0650 19/11)	33433	0640	11/11	DX183
1590	KKAY	White Castle LA ; oldies format " Good time oldies KKAY" ID; (assume hurricane recovery power); UK FIRST	W	0924	31/10	bd
1590	WAKR	Akron OH; ID + meteorologist	W	0220	28/10	SW
1590	WAKR	Akron OH; smoochy oldies "For the music you like on WAKR" ABC & WAKR News	F	0658	1/11	bd
1590	WARV	Warwick RI "15-90 AM WARV" ID & SRN network nx	F	0002	30/10	bd
1590	XEVOZ	Radio Reloj, México DF; lots of ID's, Cuckoos, and kids impersonating cuckoos!	G	0746	17/11	PL
1590	XEVOZ	Radio Reloj, Mexico City; OM, YL with info-commercials, "Radio Reloj" IDs & two tone cuckoo sound on the minute	W/F	0703	19/11	BD
1590	XEVOZ	México DF; talk "Radio Reloj"	F/G	0730	19/11	JWe
1593		VOA Kuwait; English programme about Charleston SC	G	2345	13/11	SW
1593		VOA Kuwait; English language lesson	343	2320	21/11	CH
1593		CNR-1, unknown site; info // 4460 kHz	34443	1400	13/11	DX183
1600	WMQM	Memphis TN ; YL speaking: "..... School of every Thursday night at 6-30 pm at the Airport Inn Hotel also known as the old Holiday Inn, located at 14-41 East Brooks Road near I-55 and across the street from Popeyes. The word of God will be taught..... ..deliverance... ..there is no commitment... ..will be facilitated...". A web search on 1441 East Brooks Road comes up as Memphis TN which is where I55 goes. I recorded this at 2259utc but heard no legal ID at 2300. But this must be 50000 watt WMQM just before it powered down; UK FIRST	Gpk	2259	27/10	SW
1610	CJWI	Montréal QC; FF pop mx and anns; QSB	F	0310	13/10	MM
1610		Caribbean Beacon, Anguilla; gospel songs; (also W 0145 2/11, 0230 3/11)	F	0241	31/10	tkl
1610		Caribbean Beacon, Anguilla; religion show	G	0210	6/11	PL
1620	WNRP	Gulf Breeze FL ; Ken Baird's logging last month was a UK FIRST - mah	Fpks	0008	28/10	KB
1620	WNRP	Gulf Breeze FL ; "Classic country 16-20" & country mx	F	0912	30/10	bd
1620	WTAW	College Station TX; sports reports	F	2320	29/10	bd
1620	WTAW	College Station TX; "NewsTalk 16-20" and local ads	F	2356	30/10	SW
1620	KYIZ	Renton WA; "16-20 KYIZ" noted under C2C	W	0723	31/10	mah

kHz	Callsign	Station, location; details heard etc	SIO	UTC	Date	Who
1620	WDHP	Frederiksted, USVI; ID, mx (also F 2206 4/11, and with good, rockstable signal every DX-night until 9/11)	W	0212	3/11	tkl
1620	WDHP	Frederiksted, USVI; YL with ID "You are listening to WDHP 16-20 AM" then full station address. OM with time checks for Delhi, Rio "Where ever you are welcome to BBC World Service ... it's 2o'clock"	F	0200	4/11	JW
1620	WDHP	Frederiksted, USVI; OM in talk, Caribbean accent. There every night.	G	0015	19/11	PL
1620	WDHP	Frederiksted, USVI; reggae and soca music; local DJ; 7.30 TC	Fpks	2330	19/11	SW
1620	UNID	"ESPN Radio 16-20"; I still haven't figured out whether this is KBLI or KOZN - can anyone help?	W/Fpks	0636	31/10	mah
1630	KCJJ	Iowa City IA; pops, ID & weather at 0624	G	0622	1/11	JWe
1630	KCJJ	Iowa City IA; "your mx, your station ... KCJJ", jingle, mx	F	0404	19/11	ss
1630	WRDW	Augusta GA; "Right here on WRDW" sports talk	G	2325	27/10	PL
1630	WRDW	Augusta GA; SNR sports reports	F	2321	29/10	bd
1630	WRDW	Augusta GA; "News Talk Sport 16-30 WRDW Augusta"	F	0100	31/10	SW
1630	KKGM	Fort Worth TX; AM 16-30 KKGM", light mx	F/G	0635	31/10	mah
1640	WTNI	Biloxi MS; legal ID then into ABC News	F	0000	28/10	RB
1640	WTNI	Biloxi MS (pres); "ABC News"	W	0702	28/10	CW
1640	WTNI	Biloxi MS; OM ; in news, "Call 1-800- HELP" (to assist hurricane victims) ABC news, YL with weather "... Radio 16-40 WTNI right now lower 40's"	G	0705	29/10	JW
1640	WTNI	Biloxi MS; American football commentary	vG	2328	29/10	bd
1640	WTNI	Biloxi MS; local ads insert, ID	F/G	0314	30/10	PL
1640	WTNI	Biloxi MS (pres); sport	G	2325	30/10	CW
1640	WTNI	Biloxi MS; "Talk Radio 16-40 WTNI"; (also pres 2355 8/11 xd)	W	0100	3/11	tkl
1640	WTNI	Biloxi MS; "Talk Radio 16-40 WTNI"	G	2342	8/11	SW
1640	WTNI	Biloxi MS; regular signal of late; talk shows, etc.	F	0000	11/11	JF
1640	WTNI	Biloxi MS; Coast-to-Coast, "Talk Radio 16-30 WTNI"	F	0655	13/11	JWe
1640	WTNI	Biloxi MS; ads, "Talk Radio WTNI 16-40 AM"	F/Gpks	0405	17/11	ss
1640	KDZR	Lake Oswego OR; YL "... Radio Disney ... broadcasting more music your way", child "AM 16-40 KDZR Lake Oswego ..."	vW	0958	30/10	mah
1640	HI--	R Juventus Don Bosco, Santo Domingo; SS ID	W	2329	6/11	tkl
1640	UNID	America's rude awakening with the Neil Boortz Show; not on WTNI website & WTNI is not listed on Boortz website; at 0006utc on 17/11 (after end of summer time)	F	2306	27/10	SW
1650	KWHN	Fort Smith AR; ID on the half hour "News-talk 16-50 KWHN"	W	0230	30/10	JF
1650	WHKT	Portsmouth VA; Radio Disney music & slogan	W	2244	30/10	SW
1650	WHKT	Portsmouth VA; R Disney (pres) pops	W/F	2320	30/10	CW
1650	WHKT	Portsmouth VA; Disney pop	W/F	0033	8/11	tkl
1660	WCNZ	Marco Island FL; rlg px - two ladies talking about women's rights and religion; ID "WYND Radio 13-10 and 16-60"; new owners, new format	F	0425 - 0455	9/10	MM
1660	WCNZ	Marco Island FL; "This is Relevant Radio"; (also 2137 1/11, 2300 2/11, 2235 4/11, 0357 and 2218 6/11, mostly W/Fpks)	G	0525	30/10	tkl
1660	WCNZ	Marco Island FL; US/Vatican relations talk	F/G	2230	1/11	bd
1660	WCNZ	Marco Island FL; Relevant Radio ID and talk	G	2217	16/11	PL
1660	WWRU	Jersey City NJ; "16-60AM WWRU Jersey City, New York City"; legal ID at 2102	F	2102	27/10	SW

kHz	Call sign	Station, location; details heard etc	SIO	UTC	Date	Who
1660	WWRU	Jersey City NJ; Korean with English legal ID	F/G	2200	28/10	JWe
1660	WWRU	Jersey City NJ; KK studio talk	G	2120	29/10	bd
1660	WWRU	Jersey City NJ (pres); Korean music then talk mixing with mx	W	0606	1/11	CW
1660	WWRU	Jersey City NJ (tentative); px in Korean	W	2133	8/11	tkl
1660	WFNA	Charlotte NC; ID at top of the hour and sports news	W	0000	27/10	JF
1660	WFNA	Charlotte NC; ads for car dealers & restaurants in Charlotte area	G	2240	27/10	SW
1660	WFNA	Charlotte NC (tentative); sports "ESPN Radio"	F	0440	29/10	JWe
1660	WGIT	Canóvanas PR; ad for medical company in Arecibo	F/G	0035	19/11	PL
1670	KHPY	Moreno Valley CA ; re last month's log, Paul writes: just received this from the station: "Dear Paul Logan, our radio operators said about the file you sent us it is from us. Wishing you blessings with your hobby.. Arturo T. Escalona, Tecnico Encargado de Sistemas Satelitales, 2636 N. Ontario St, Burbank, CA 91504". UK FIRST	F	0038	22/10	PL
1670	KHPY	Moreno Valley CA ; SS Christian tlk, preaching	24432	0545	19/11	DX183
1670	WMWR	Dry Branch GA (pres); sport	W	0604	1/11	CW
1680	WLAA	Winter Garden FL; Mexican mx format	F/G	0714	2/11	bd
1680	WLAA	Winter Garden FL; SS Mexican songs; (also W 2225 4/11, 2333 6/11, 0108 9/11 with same songs)	W	0452	3/11	tkl
1680	WTTM	Princeton NJ; ID!; (also F/G 0603 1/11)	F	0658	28/10	CW
1680	WTTM	Princeton NJ; Indian film mx; (also G 0110 1/11)	F	2100	29/10	tkl
1680	WTTM	Princeton NJ; local ad in English for Academy Honda; also ads in Punjabi(?)	G	2101	29/10	SW
1680	WTTM	Princeton NJ; stunting back to back country mx pending start of new format; (also vG 2122 29/10)	F/G	0825	2/11	bd
1690	KDDZ	Arvada CO; Radio Disney, pops, // 1640, 1560 kHz	23432	0420	9/11	DX183
1690	WWAA	Avondale Estates GA; Air Atlanta community announcements	F/G	2332	29/10	bd
1690	WWAA	Avondale Estates GA; "16-90 Air Atlanta weather forecast"	G	2259	30/10	SW
1690	WWAA	Avondale Estates GA; Air America News	W	0000	8/11	tkl
1690	WWAA	Avondale Estates GA; ads "16-90 Air Atlanta Radio", tlks	F	0428	17/11	ss
1690	WWAA	Avondale Estates GA; lots of Air Atlanta ID's	G	0100	18/11	PL
1690	WPTX	Lexington Park MD; rolling news, ID	G	2118	29/10	tkl
1690	WPTX	Lexington Park MD; CNN rolling nx	G	2124	29/10	bd
1690	WPTX	Lexington Park MD (pres); "Lexington Park" car ad	F	2305	29/10	CW
1690	WPTX	Lexington MD; "News Talk AM 16-90 WPTX" local news under WVAA	W	2259	30/10	SW
1690	UNID	LA mx/Mex - perhaps KFSG	Wpks	0938	30/10	mah
1700	WEUV	Huntsville AL; "The Peoples Station"	W	0655	28/10	CW
1700	WEUV	Huntsville AL; gospel singing	vG	2335	29/10	bd
1700	WEUV	Huntsville AL; gospel OM in talk.	F/G	0316	30/10	PL
1700	WEUV	Huntsville AL; "... the People's Station, 24 hours a day"; (also W/F 0615 6/11)	G	0625	30/10	tkl
1700	WEUV	Huntsville AL; ID in back to back gospel songs	F	0120	31/10	RB
1700	WEUV	Huntsville AL; gospel, ID as WEUP	F	2250	18/11	JWe
1700	WEUV	Huntsville AL; "WEUP the People's station", rel songs	F	0351	19/11	ss
1700	WJCC	Miami FL; Creole Haitian px about Catholics; stable signal, this programme hrd nearly every night	G	0000	2/11	tkl
1700	WJCC	Miami Springs FL; OM in FF, discussion.	F/G	2220	16/11	PL

kHz	Callsign	Station, location; details heard etc	SIO	UTC	Date	Who
1700	WJCC	Miami Springs FL; FF tlk "WJCC Miami Springs Fort Lauderdale"	G	0637	17/11	ss
1700	KKLF	Sherman TX; ID as "...radio 5-70 KLIF"	In mix	2359	30/10	SW
1700	KKLF	Sherman TX; promo for "KLIF Classic Series" and "KLIF"	W/F	0702	31/10	mah
1700	KVNS	Brownsville TX; tlk, C2C	G	0339	4/10	MM
1700	KVNS	Brownsville TX; news and promo, ID	W	0300	2/11	tkl
1700	KVNS	Brownsville TX; out of C2C, weather then ID "News Talk 1700 KVNS"	F	0657	8/11	JW
1700	KVNS	Brownsville TX; Savage Nation talkshow, "KVNS The Valleys place to talk"	G	0023	18/11	PL
1700	KVNS	Brownsville TX; C2C talk show & "News Talk 1700 KVNS"	G	0657	24/11	BD
1700	XEPE	Tecate ; EE phone-in, commercials, "Cash 1700", "Business Talk Radio", "1-800 Radio 97"	34443	0530	19/11	DX183
1700	XEPE	Tecate , Baja California; EE tlk, "Business Talk Radio" and "Cash 1700" several times, relaying tlk px from tel "800radio97", Cleveland	F/Gpks	0535	19/11	ss

Many thanks to the following reporters:

- BD Barry Davies, Carlisle, Cumbria. AOR AR 7030 , 130m longwire.
- bd Barry Davies, Ardfern, nr Oban. AOR AR7030, 100m longwire to the north-west.
- BR Brendan Rooney, Sligo, Ireland. Icom 756 Pro Mk3 modified for 1 μ v sensitivity on the MW band (not a job for the faint hearted - response is now flat from 1700 to 200 kHz). Second rig Drake R8, 110m beverage, K9AY, 160m dipole.
- CH Charles Hendry, Amersham, Bucks. Sony ICF-SW7600GR, internal ferrite rod.
- CHC Charles Hendry, St Kew Highway, Cornwall.
- CW Cyril Willis, Saddlebow, Kings Lynn, Norfolk. Lowe HF-125 Wellbrook ALA 1530.
- DX183 Wilhelm Herbst, Fjerritslev, Denmark. 24 beverages.
- GG Giampaolo Galassi, Italy. R75, K9AY.
- HB Herman Boel, Aalst, Flanders, Belgium. Kenwood R-5000, Kiwa Loop Antenna.
- JF John Faulkner, Sutton-in-Ashfield, Notts. AOR AR7030, Wellbrook ALA1530 loop, 200+' longwire running E/W, homebrew antenna phaser, Datong FL3 audio filter.
- JW John Williams, Hemel Hempstead. AOR 7030 and 40m long wire.
- JWe Jack Weber, Hertfordshire, WINRADIO G313i, Wellbrook ALA1530.
- mah Martin Hall, Clashmore, Sutherland. NRD-545, RPA-1 preamp, beverages: 513m at 240°, unterminated; 506m at 290°, terminated; 588m at 315°, terminated; 550m at 340°, terminated.; TotalRecorder, Technics RS-BX404 cassette deck.
- MM Martyn Madeley, Malvern Link, Worcestershire.
- PL Paul Logan, Linaskea, N. Ireland. Yaesu FRG7700 /Kenwood R5000 with 100m terminated wire.
- RB Renato Bruni, Parma, JRC525, K9AY.
- ss Stefan Schliephacke, DX183, Fjerritslev, Denmark. Trio 9R-59D, 24 beverages.
- SW Steve Whitt, High Catton near York. AOR7030+ and HF225 Europa with dual loop K9AY. Also with a 370m NW Beverage from 15/10
- tkl Thomas Knauf-Lapatzki, Dx-pedition to the Danish North Sea island of Rømø. Icom R-75, Lowe HF-225 Europa, 450m beverage on ground at 290°, unterminated; EWE.

Corrections to last month's DX Loggings

I was rather overwhelmed by the size of last month's log, as well as trying to balance the preparation of the log against taking advantage of the superb DX conditions we were experiencing. It took far longer than I'd anticipated to compile and check, and I only just met the print deadline, as Steve mentioned in last month's editorial. As a result, a small number of the logs were out of sequence (e.g. those on 900 kHz), and a few errors crept in - those of any substance have been corrected in this month's DX Loggings. Apologies also to those with UK Firsts that weren't properly acknowledged, or other uncommon loggings that weren't highlighted. Some of my personal notes and reminders weren't removed from a few of my logs before publication, either - mah.

I'm not the only one to get overloaded - **Wilhelm** writes "I am very angry about me!!! The reason is, that I made two mistakes, one of these is published in MWN now. I don't know how that could happen! Maybe I have been in DX-stress!". Corrections appear in the log, Wilhelm - mah.

Correspondence

Steve writes "Absolutely astonishing conditions for two weeks mid-October continued virtually to end of October. Last few days of October gave better chance for daytimers on high power before closedown. That nicely netted a good catch of WMQM 1600, WFIF 1500, WCHP 760 and tentative WKOX 1200. After the amazing October, November was likely to seem a disappointment. Some people were blaming onset of so-called mid-winter anomaly but, despite some lengthy stretches of very good A/K indices without a squeak of DX audible, there was some interesting DX around. I still managed to hear 19 US states (down from 25 reported in last MWN). Curiosity corner: one station unheard this autumn = CFBC 930 (no-one seems to have reported it)

Paul says: "(I) didn't have time to compile all - far too many and mostly the usual suspects. XEVOZ on the 17th was a real thrill with one jingle of Children imitating Cuckoos - really exotic sounding!

Cyril notes: "Hope not any mistakes on logs. There were some 25/10 should read 1080 WTIC and 26/10 should be 930 CJYQ. Still a new boy you see, well 55 but still finding my feet with MW". I think Cyril is referring to errors in his postings to the e-List - mah.

Barry writes about his Ardfern visit of 30/10 to 5/11 2005: "The site does not produce the AK. CA and HI opportunities because of the antenna restriction to 100m. This will be my last report from Ardfern not withstanding the excellent accommodation".

Charles tells us: "I spent a few days in Cornwall near the end of October. What a difference 250 miles to the West can do. Less electrical interference, less splatter and fewer UK locals to contend with. Couple that with the TA opening and I was amazed at what I was hearing! Near sunrise one morning there seemed to be nothing but US stations across the band. I identified 9 of them but there were others as well including one on 1120kHz which I was hoping to be KMOX, but it never did identify on the peaks. I couldn't stay too long on one frequency as I might be missing out on others. So despite only having a portable radio I was able to enjoy the TA opening just as much as anyone else. Back at Amersham, and before the TA opening closed, I was only able to hear Boston 50Kw stations and WBBR in New York. For me the opening closed on the morning of the 31st October. WBBR was fair on peaks at 0045 but there was absolutely nothing by sunrise.

John W: "Quite a few logs this month but not as good as October! However I did have a personal first KXEL and on 1390 heard ESPN but no ID. I have listed it as a tentative against WEOK (after requesting assistance to identify the station BD suggested the NY station as a tentative logging.) If you disagree and wish to list it as UNID I will not argue - as mentioned no ID heard!" - shown as a tentative, as per your contribution - mah.

Jack adds: "Quite a change from last month, but not bad. Surely, one of the advantages of unsettled ionospheric conditions is that unexpected stations can fade up briefly at unusually good level. So, even though there was nothing like the quantity of DX signals this month compared to last, there were some less common stations in there. Mind you, it does make DXing more a game of luck than skill".

Renato says: "Here's the November log; the first half of the month provided some really good catches, while the second half has been a real disappointment both from NA and SA. I had a couple of real thrills with the two Brazilians: they reminded me why I love this hobby. Also Puerto Rico on 1520 was a new one for me. As usual, I have omitted the most trivial loggings and audio clips of most significant catches were already made available via MWN mailing list".

Martyn writes: "I logged some North Americans on several difficult frequencies and some that are firsts for me. What is so frustrating, however, is that you may get a couple of commercials but no ID, and an ID but little else maybe 10 minutes later, and if others are co-channel it makes it difficult to know which belongs to which"

Thomas writes: "I spent 2 weeks from 29/10/05 to 11/11/05 for MW DXing on the Danish North Sea island of Rømø ... in a private holiday house on the border to open heathland approximately 2km from the sea. I had bad luck with the beverage - some deer (or maybe rabbits, marten or mice) totally bit through the wire (East German telephone cable named "Leichte Feldleitung") in several places. To avoid this misfortune I therefore recommend as wire material for beverages laid out on the ground thick steel stranded wire".

Once again **Wilhelm** has sent in a HUGE hard copy log from his DX183 location - 20 typewritten pages! I'm unable to include all the logs due to time and space constraints, so have restricted the selection to the less commonly heard stations. Wilhelm reminds us that the complete log may be accessed at www.mediumwave.info.

Here in **Clashmore** the conditions experienced in the last month towards the west coast of North America and Alaska appear very similar to those at the DX183 site, with good openings from 30/10 to 3/11, 9/11-11/11, and a weaker opening on 18/11. Some good periods of propagation to Asia also occurred at the end of October and early in November. During the second half of November, conditions have been poor by comparison, but careful searching has produced some interesting catches. I'm writing this on the afternoon of 27/11, and this morning the west coast stations had returned, so things are looking up - all will be revealed in next month's DX Loggings. Please note that clips of all my UK Firsts have been checked by Steve Whitt or other experienced DXers - mah.

The **deadline** for the January DX Loggings is **Tuesday 27th December**. I look forward to receiving your logs by then, preferably electronically/via e-mail using the Word pro-forma, which I can supply on request. Please remember that I don't automatically include loggings sent to the MWC e-List, so please copy me separately if you would like them included in DX Loggings.

I wish all our members a Very Merry Christmas and a Happy, Peaceful and Prosperous New Year, with lots of good DX!

73's Martin

chuc
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