

MEDIUM WAVE NEWS

MEDIUM WAVE CIRCLE

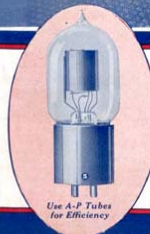
October 2006 Volume 52 No. 5

RADIO

JANUARY, 1922

Formerly Pacific Radio News

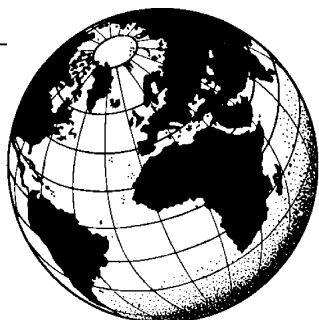
20 CENTS



A-P Radio in the Home—

The fascination of Radio is entering the home. The photograph above shows a home in the San Francisco Bay Region enjoying a Radio musical concert received with de Forest standard equipment and reproduced by the Radio Magnavox. A-P Tubes are used in the de Forest combination transmitting and receiving set and in the Magnavox Power Amplifier shown. Over the Radiophone, the daughter of the home is telling the subject at the de Forest broadcasting station, many miles away, how much the family is enjoying the concert.

ATLANTIC-PACIFIC RADIO SUPPLIES CO.
638 MISSION STREET, SAN FRANCISCO, CALIFORNIA
Henry M. Shaw, President



- ♣ *Catch US daytimers*
- ♣ *Upgrading your PC*
- ♣ *Analogue radio demise?*
- ♣ *\$6 to retune your radio*
- ♣ *DX the land of Bolivar*
- ♣ *Utility column returns*

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STOP PRESS:

This month we'd like to extend a warm Circle welcome to the following new members: Klaus Floer, Friedland, Grmany; George Herr, Playa del Rey, CA; Reidar Bo, Norway; Chris Ashby, Whitstable; Robert Davidson, Bratislava, Slovakia; Hakan Sundman, Finland; David Bones, Woodbridge; Jim Mooney, Morrisville, PA; Mats Andersson, Vallingby, Sweden; Bjorn Bengts, Kuggom, Finland; Jarmo Patala, Hyvinkaa, Finland; A M Dorai, Tamilnadu, India; and Stuart Davies, Bridgend

WELCOME TO THE CIRCLE!

Stop Press Deadlines:	29 th October for November 2006	26 th November for December 2006
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Cover illustration: <i>Radio</i> published January 1922 shows a top of the range listening post

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EDITORIAL

with Steve Whitt

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Welcome

This month we welcome back the Utility Column which is being edited by David Towers. This is a welcome return as we've had a gap for rather too long.

Also this month we announce a major change to the long standing Reprint Service. Regrettably we've had to withdraw the paper Reprint Service as it was costly and not particularly convenient for members or for the Circle. In addition demand for printed copies had been in decline for some time so it became less attractive each year to create new reprints or update existing ones. After some thought we concluded that we needed an electronic Reprint service – so the Reprint CD was born...

New MWC Reprint CD

Over the years the Circle reprint service has provided paper copies of articles that have appeared in MWN. Unfortunately the rising costs of postage and copying now makes this service unviable. On the otherhand an electronic reprint service would be much more cost effective. So we have now scanned all the 240+ titles, approx. 1400 pages, in the reprint catalogue in PDF format onto a double CD. Now you can view and/or print out any reprint you wish.

The Reprint CD is priced at only £9 including postage and packing! The CD includes a menu, auto-run function and the latest version of Adobe Reader 7™. Even if you don't have your own PC you should be able to read this on any public machine at your library or public computer centre.

The CD can be ordered on-line via www.mwcircle.org or by sending payment payable to the Medium Wave Circle, direct to Clive Rooms.

More CDs

Colin Newell writes: Were you a shortwave listener back in 1974? If you were a regular listener to RCI's popular SWL Digest programme, which went off the air in March of 1991 in the wake of a devastating budget cut at RCI, then you may remember the SW station Idents & Interval Signals Series that was featured on this award winning programme. That series featured 160 identification and interval signals from SW stations around the world. Many of the ident signals heard in that long running series are no longer on the air.

If you feel nostalgic about the "good old days" of SWLing you'll be interested to know that this unique series is now available in a two-CD set. The CDs are fully indexable and come with a hard copy listing all of these 160 ident signals.

The cost of this 2 CD set includes first class or airmail postage to anywhere in the world: To addresses in Canada - \$ 10; To addresses in the USA - \$ 12 US; To all other countries - \$ 15 in US or Canadian funds. The net proceeds from the sale of these CDs are being donated to the local Food Bank in Duncan, British Columbia. Send your order to: Ian McFarland, 6667 Beaumont Avenue, Duncan, BC V9L 5X8, Canada.

Publications: IRCA Mexican Log 11th Edition (Winter 2006)

The IRCA MEXICAN LOG lists all AM stations in Mexico by frequency, including call letters, state, city, day/night power, slogans, schedule in UTC/GMT, formats, networks and notes. The call letter index gives call, frequency, city and state. The city index (listed by state, then city) includes

frequency, call and day/night power. The transmitter site index (listed by state, then city) tabulates the latitude and longitude of transmitter sites. This is an indispensable reference for anyone who hears Mexican radio stations. Size is 8 1/2" x 11".

Prices: IRCA/NRC members - \$9.50 (US/Canada/Mexico/ sea mail), \$12.00 (rest of the Americas/Europe airmail), \$12.50 (Australia/Japan/New Zealand airmail). Non-IRCA/ NRC members - add \$2.00.

To order, send your funds to: IRCA Bookstore, 9705 Mary Ave NW, Seattle WA 98117-2334. (Please make checks out to Phil Bytheway – funds not made out to Phil Bytheway will be returned)... or use PayPal to: fokker_d8@yahoo.com (please include an extra \$0.50 to cover the service charge).

Publications: IRCA Slogans List 2006-2007 - NOW READY!!!

This new edition includes slogans from the US, Canada and Mexico and has over 3900 slogans. Prices: IRCA/NRC members - \$6.00 (US/Canada/Mexico/ sea mail), \$8.00 (rest of the Americas/ Europe airmail), \$8.50 (Australia/Japan/New Zealand airmail). Non-IRCA/ NRC members - add \$1.50. To order, send your funds to: IRCA Bookstore, - as above.

Publications: NRC AM Radio Log

The National Radio Club AM Radio Log is the world's best, and most accurate source on AM Radio Stations in the United States and Canada. The 27th edition of the Log contains 278 pages of data and cross references as well as 18 pages of introduction and instructions in 8-1/2" x 11" size, 3-hole punched, U.S. loose leaf format. This publication fits nicely into a 1" three-ring binder. Nearly 8000 updates have been made to the database since publication of the 26th Edition of the log! Recent additions to the log lists call letters of FM simulcasts, listings of regional groups of stations in the groups section (a separate section of the log book) and a cross reference of stations broadcasting in I.B.O.C. (In Band On Channel) digital audio. Many talk radio hosts and their syndicator or network appear in a separate section also.

You can order on-line using PayPal at <http://www.nrcdxas.org/> or more conventionally the price is \$29.95 for anyone outside the USA/Canada.

Publications: EBU technical review

The July 2006 issue of EBU Technical Review has been published and articles can be downloaded here: http://www.ebu.ch/en/technical/trev/trev_home.html The articles in this edition are :

- Editorial : HDTV fever;
- EMC - potential threats to broadcast radio services from PLT systems;
- Digital Archives - Holographic data storage may provide a long-awaited solution;
- Standardization - Celebrating 10 years since the ITU's digital TV Recommendations were agreed;
- "New Media" - a sideways look at what the radio audience is up to these days;
- Multichannel Audio - EBU guidelines for multichannel audio in DVB systems;
- RDS - a new enhancement for the iPod age, called "RadioText Plus".

The first article is particularly relevant for the DXer / amateur / shortwave listener.

Finally

Thanks go to Tony Hudson for the latest update of the Circle website complete with a new look and a new server. Thanks to Jack Weber for his article on PCs which will serve as a precursor to articles on Software Defined Radios.

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									
2006 08 18	9	2	3	2	2	2	1	2	3	13	2	4	3	4	3	1	1	1	12	2	4	2	2	2	3	2	3
2006 08 19	21	2	1	1	2	5	4	4	5	61	2	2	0	4	7	8	5	3	38	2	1	1	2	6	6	6	5
2006 08 20	14	4	5	2	1	2	2	2	1	12	4	4	2	1	2	3	2	1	24	5	6	2	0	2	4	3	2
2006 08 21	10	1	3	2	2	2	2	3	3	24	2	2	4	4	5	3	3	5	13	2	4	2	2	2	3	3	4
2006 08 22	17	3	1	5	4	3	3	2	2	42	3	2	6	7	5	4	3	1	17	3	3	3	4	4	4	4	2
2006 08 23	4	2	2	3	0	1	0	1	0	5	2	2	3	0	0	0	2	0	7	2	3	3	0	1	1	1	2
2006 08 24	4	3	1	0	0	1	1	1	1	3	1	1	1	0	2	2	1	1	5	3	1	0	1	1	1	1	2
2006 08 25	0	0	0	0	1	0	0	0	0	1	0	1	0	1	0	0	0	0	2	1	1	0	1	1	1	0	1
2006 08 26	2	0	1	1	0	0	0	2	1	1	0	0	1	0	0	0	1	1	3	1	1	0	0	0	2	2	2
2006 08 27	12	1	1	2	2	3	3	4	3	27	2	1	2	5	5	6	3	2	18	2	1	1	3	4	5	4	3
2006 08 28	9	4	2	2	1	2	1	2	2	13	3	3	3	3	3	2	3	2	11	4	3	2	2	2	2	3	2
2006 08 29	9	3	2	2	3	2	2	2	2	21	2	2	5	6	3	2	1	0	9	2	2	3	4	1	2	2	2
2006 08 30	5	1	1	2	2	1	1	2	1	14	1	1	5	5	2	1	0	0	6	1	1	3	2	1	1	1	2
2006 08 31	6	1	1	3	0	2	2	2	2	9	1	1	2	2	2	4	3	1	8	1	1	2	1	1	3	3	3
2006 09 01	8	2	0	1	2	2	2	2	4	26	3	2	3	3	5	6	3	3	13	3	1	2	2	3	3	4	3
2006 09 02	6	3	1	1	1	1	1	2	2	10	3	2	0	3	4	2	2	1	7	3	1	1	1	1	1	3	3
2006 09 03	6	2	3	2	1	1	1	1	1	5	2	2	2	2	1	1	0	1	6	2	3	1	1	1	1	1	2
2006 09 04	15	3	5	4	2	2	2	2	1	30	3	5	5	5	5	3	3	1	23	4	6	4	3	3	3	3	2
2006 09 05	7	3	2	2	2	2	2	1	1	24	3	2	5	6	3	3	2	1	8	3	2	3	2	1	2	2	2
2006 09 06	6	2	2	2	2	2	1	2	1	16	2	1	2	5	4	4	1	2	7	2	2	1	2	2	2	2	2
2006 09 07	5	1	2	3	1	1	2	1	0	17	2	2	5	2	5	3	0	0	8	1	1	1	1	2	2	2	1
2006 09 08	4	2	2	2	1	1	1	0	1	4	1	3	3	0	0	0	0	0	4	1	2	1	0	1	1	0	2
2006 09 09	1	1	1	0	0	0	0	1	0	1	1	1	0	1	0	0	0	0	2	1	1	0	0	0	0	0	1
2006 09 10	5	1	2	1	1	2	1	2	2	5	1	1	2	3	0	2	1	1	6	1	2	1	1	1	2	1	2
2006 09 11	7	2	2	3	3	2	1	0	1	11	2	2	3	4	4	1	0	1	8	3	3	3	2	2	1	0	1
2006 09 12	2	1	0	1	1	1	0	1	1	3	1	0	2	2	0	1	1	0	4	1	0	2	1	1	1	1	1
2006 09 13	3	1	2	1	2	1	1	0	0	8	0	3	4	2	3	0	0	0	6	1	3	2	1	1	1	0	1
2006 09 14	4	1	3	2	1	1	1	0	0	5	1	2	2	3	2	0	0	0	6	1	3	2	2	1	1	1	1
2006 09 15	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	3	1	0	0	0	1	0	2	2
2006 09 16	1	0	0	0	0	1	1	1	0	1	1	1	0	0	0	1	0	0	3	0	0	0	0	1	1	2	2
2006 09 17	9	0	1	3	3	3	1	3	2	27	1	1	3	6	6	1	3	3	16	1	1	2	4	4	1	4	3
2006 09 18	16	4	4	3	3	2	2	3	3	34	3	4	6	6	4	3	3	3	24	5	5	3	3	3	2	5	3
2006 09 19	8	3	3	3	1	1	1	1	1	19	3	3	5	5	3	2	1	1	12	4	3	4	2	2	2	2	2
2006 09 20	3	2	2	1	0	0	1	0	0	1	1	0	2	0	0	0	0	0	5	2	2	1	1	1	1	1	1
2006 09 21	2	0	1	0	1	1	1	1	0	2	0	0	1	2	1	0	0	0	4	0	1	1	1	0	1	2	2
2006 09 22	1	0	1	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	3	0	1	0	0	1	2	2	1
2006 09 23	7	0	1	1	1	1	1	3	4	8	0	0	2	3	3	1	2	3	9	0	1	2	1	1	1	3	4

UTC Date	Radio Flux 10.7 cm	Planetary A Index	Largest Kp Index
2006 Sep 28	75	20	4
2006 Sep 29	75	10	3
2006 Sep 30	75	12	3
2006 Oct 01	80	20	4
2006 Oct 02	80	10	3
2006 Oct 03	80	8	3
2006 Oct 04	80	5	2
2006 Oct 05	80	5	2
2006 Oct 06	80	5	2
2006 Oct 07	80	5	2
2006 Oct 08	80	5	2
2006 Oct 09	80	5	2
2006 Oct 10	80	5	2
2006 Oct 11	80	5	2
2006 Oct 12	80	5	2

← Short Term Forecast

see page 37 of this issue for latest Solar Cycle Progression Chart; the solar minimum is approaching

ANALOGUE RADIO DEMISE?

with John Williams

In wartime the Bakelite radio set was essential equipment for an anxious nation. But now the traditional wireless is heading for extinction, as sales of digital sets surpass analogue tuners for the first time.

Dixons announced yesterday that it was discontinuing the sale online of analogue radios. The electronics retailer said that digital radios were outselling analogue sets by 30 to 1. More than three million digital audio broadcasting sets have been sold since 2001, giving listeners a choice of 170 stations, free from atmospheric interference.

Figures from Ofcom show that sales of DAB portable radios outstripped analogue portable purchases last year, with digital securing a 54 per cent market share. The Digital Radio Development Bureau predicts that sales will rise to 20 million in 2009, with 40 per cent of households owning a set.

“The snap, crackle and pop of the traditional wireless is rapidly being replaced,” Nick Wilkinson, the managing director of Dixons, said. “The growth in demand is further evidence that we’re living in the digital age.” The retailer John Lewis said, however, that the analogue switch-off was premature. A spokeswoman said: “As long as our customers want analogue radios we will provide them. There is still a demand and so there will be no changes at all.”

Analogue television signals are due to be switched off by 2013, but there are no plans to switch off analogue radio signals. The Department for Culture, Media and Sport said that analogue radio “diehards” would not be disenfranchised. BBC digital coverage is still restricted to 85 per cent of Britain, and the broadcaster is committed to increasing digital coverage further over the next licence fee period.

The over-35s are leading the digital revolution. Prices have dropped from £500 to £30 and digital speech and music stations now cater for every taste. A new service being tested will allow music listeners to identify a track being played on live radio via the set’s LED display and download it with one click.

Britain’s most popular national digital station is Emap’s The Hits, which has built a weekly listenership of 1.1 million. Digital listeners are also flocking to BBC7, which revisits classics from the corporation’s comedy archives, including The Goons and Hancock’s Half Hour. BBC7 has 668,000 listeners, according to latest figures, up 41 per cent over the previous year.

However, the slow death of analogue is a cause for sorrow. “Some of the most pivotal events in our history have been communicated from analogue radio transmitters to wirelesses in homes around the UK,” Mr Wilkinson acknowledged. “There is probably no other piece of technology that conjures such a powerful mental image.”

There are still millions more analogue than digital sets in use but Mr Cole said that elderly listeners, used to tuning by dial, would not be disadvantaged by the phasing out. “Manufacturers are designing digital displays which are much simpler to operate than analogue radios,” he said.

(www.thetimes.co.uk 17 August, 2006)

UPGRADING YOUR PC

with Jack Weber

Computers have become an almost indispensable part of DXing equipment, yet they tend to be taken for granted and rarely get as much attention as the rest of the gear. That's a shame, not simply because it limits what can be done, but also because a computer that isn't kept up to date is open to all sorts of viruses and scams. Currently, PCs and their operating systems are going through a period of rapid change leaving many users struggling with out of date systems or uncertain how to upgrade. So, here are a few thoughts on keeping your DX computer working effectively and safely.

Microsoft Windows

On 11th July, Microsoft withdrew support for its Windows 98 operating system. It was long obsolete by then anyway, but now it starts to become a real liability as there will be no more updates issued. This means that Windows 98 is increasingly vulnerable to viruses and other forms of malware. If you are still using 98 (or earlier), upgrade now. Not only will your computer be safer, but you will have access to a wider range of radio software.

Microsoft's current OS is Windows XP, available in Home and Professional versions. If you're already using XP, make sure that Service Pack 2 is installed as there are serious security problems without it. Also ensure that Windows is set to download updates automatically. One point to beware of though is that the default setting will download and install updates in the middle of the night. As this process often involves a reboot, it will kill any overnight recording you may be making on the PC. Either set it to download during the day or select the option that downloads automatically and then waits for you to install manually.

Microsoft's future OS, called Vista, has had a lot of publicity. It should address some of the problems of XP as well as offering various new features. However, Vista is already several years behind schedule and its launch has recently been postponed even further. It's unlikely to appear before next spring and, even then, there's bound to be a period of instability with numerous bug-fixing updates being released. So don't put off making that upgrade now on the grounds that you're waiting for Vista to arrive. Late 2007 is probably the very earliest that moving to Vista will make any sense. In the meantime, XP remains the best choice and should continue to be viable for another two or three years from now.

Mac OS

The Mac OS offers an excellent interface and, for now, a complete freedom from viruses, trojan horses, etc. However, there is relatively little radio-related software for the Mac, and receivers that are designed to interface with a PC generally expect it to be a Windows machine. So, even if you use a Mac for all your other computing, as I do, you'll probably need a second computer to run Windows. This situation is changing, though. Recently, Apple migrated all of its computers to Intel processors, which means that the latest models can run both Windows and Mac OSX. The special software that allows this is evolving rapidly and, by next spring, this ability should be built into the next version of Mac OSX. For now, I'm sticking to separate Mac and Windows machines, but I hope I won't always need to.

Hardware

As operating systems and software evolve, they make increasing and changing demands on the hardware. However, deciding when and how to upgrade the PC is complex because everyone's needs are different.

If you use software that works continuously in real time – for example, audio recorders, spectrum analysers for monitoring carrier offsets, software-defined receivers, etc

– then you'll need a relatively fast machine, especially if you plan to run several of those applications simultaneously. This is not simply to do with whether the calculations can get done in time, there's also the problem of temperature: an underpowered computer running flat-out gets very hot, which shortens its life and increases the fan noise that you have to put up with. On the other hand, if you only use the PC for simple tasks such as logging your DX catches and displaying a greyline map, then you could make do with something much more staid because there isn't a constant flood of data to handle. This type of work is undemanding and intermittent so the processor stays cool and the gaps in its workload allow several programs to run simultaneously.

There's a widespread view that the speed of a PC is simply defined by the clock speed of its processor. This is a misconception that computer manufacturers were happy to perpetuate while clock speeds were rising quickly and new "faster" models were appearing every few months. That line of progress is slowing down now and a more realistic approach is needed.

Clock speed does have a big effect, but you need to compare like with like. Different models of processor running at the exact same clock speed may be very different in terms of how fast they can run your software. Other factors including the speed of the data bus, memory latency, cache size, hard disk access speed and much else beside will have varying effects on different applications. To complicate matters, some of the latest PCs have dual-core processors (with two processors on one chip) or even a pair of dual-core processors. There's also a move now from 32-bit to 64-bit systems. These new features will become very important, but don't assume that all your software will run twice as fast when you provide double the bits or double the number of processors. Applications will need to be re-written to take full advantage of these features.

Accepting all these uncertainties, it's still possible to draw some broad conclusions. As a rough guide, you really should be looking at a minimum clock speed of 2GHz if you want to run current software that has to do realtime work. This includes software-defined receivers, spectrum analysers and some audio processing software, as well as programs that have to handle a lot of graphics and network access, for example Google Earth. At 3 GHz or more you should be able to run several of these applications simultaneously. Even for the most basic uses, 1GHz is a realistic minimum these days. Older software is less demanding and some programs may be happy at much lower speeds, but bear in mind that you will be missing out on current levels of performance and features. A crystal set can still pick up today's radio signals, but that doesn't make it an effective receiver for today's DX.

Incidentally, a useful side-effect of moving to higher processor speeds is that many of the PC's other internal signals move up in frequency too, so their potential for causing interference is reduced (unless your DXing extends to UHF).

If your PC has a decent spec, but still feels sluggish, there may be other remedies. One of the easiest and cheapest ways of speeding up a plodding PC is to add more RAM. Without it, the computer is constantly shifting blocks of program code and data back and forth between disk and memory. You may not be aware of this going on, but it can slow things down considerably. The minimum you need for smooth running of Windows plus a typical application is 512 MB, but really 1 GB is a sensible level of RAM for most people. Sadly some PCs are still being sold with just 256 Mb of RAM. This makes them appear cheaper, but they won't be performing as they should.

Hard disks too can be a limitation. If you use the PC for making recordings then think about installing a second hard disk and dedicating it to this task. This will reduce the risk of glitches occurring when the operating system and other applications need to access stored data during recording.

The good news is that you shouldn't need to upgrade your video hardware. Modern video cards are being pushed to provide high speed rendering of animated 3D scenes for the action games market.

This sort of performance isn't needed for running radio software so you can safely opt for a PC with a cheaper and slower card. But do consider whether you should get a new display. Old CRT-based monitors can generate significant amounts of RF interference, plus they take up a lot of room. Modern LCD displays generally produce much less interference, and what there is tends to be around the VHF region. Samsung LCD displays are reputed to have particularly low emission, but I've had little trouble from my Sony and Apple models. As with video cards, displays are evolving to respond to faster movement. We don't really need that speed so a display with a response time of 12ms or longer will be fine, and may be cheaper than the latest fast models.

\$6 TO RETUNE YOUR RADIO

with By Ha Tae Kyoung, Executive Director of Open Radio for North Korea

A job to remove solders on radios! Would a job like this exist in countries other than North Korea?

In order to stop the inflow of foreign information entering North Korea, irrespective of how a person obtained a radio, they must report ownership to the People's Safety Agency (police). This radio is then locked onto North Korea's official and only broadcasting channel. To fixate the channel the solder is completely removed. So to speak, the only radio station that North Koreans can legitimately listen to is this fixated broadcast.

The majority of the time, this radio station broadcasts songs about the leader and as a result is very boring. Even the TV, like the radio, is uninteresting as it is fixated on one channel and similarly broadcasts songs about the leader. However, this is not to say that there are many books in North Korea. A defector from Pyongyang once said that there are only 3 bookstores in Pyongyang. Even at these bookstores there are few books and of the few, the books are related to Kim Il Sung propaganda. Furthermore, tapes, movies and drama DVD's are scarce. No wonder North Korean people find it difficult to spend their leisure times pleasantly.

Recently, the number of people listening to foreign radio programs during their leisure times has increased. Firstly, in order to listen to foreign radio programs the wires fixed onto the radio frequency must be removed. Thus experts are called to open the fuses and as a result, this job is becoming more and more popular. To remove the fuses it costs about North Korean 18,000won. This roughly converts to US\$6~7. Taking into consideration that an official North Korean public servant earns about 2~3,000won (\$0.67~1) a month, this is a substantial amount.

The reason that the fee is this expensive is not because of high technical skills that are involved in opening the fuses but because of the risk that leads to punishment. Lately in North Korea if a person is caught listening to foreign broadcasts, not only is the radio confiscated but the person is sentenced to 1~3months of forced labour. Compared to the past where people were sent to gulags, the punishment has eased dramatically. One of the reasons that punishment has eased is because of the increasing number of listeners to foreign radio. Nonetheless the punishment for a person who opens fuses would undoubtedly be significantly greater than a person who listens to the radio. Hence the fee to remove the fuses continues to rise.

When will the day come where North Korea will be able to freely listen to foreign radio programs? Would change come during the time Kim Jong Il is in power? The more desirable condition would be where North Korean people can freely listen to foreign radio programs and the job of removing fuses vanishes. If this case is difficult to achieve in the near future, accordingly it would be better to anticipate North Korean authorities alleviating the punishment on people listening to foreign radio broadcasts. Then, at least the fee of removing fuses would substantially reduce. (*The Daily NK* 5/9/06)

DX THE LAND OF BOLIVAR

by Bogdan Alexandru Chiochiu

One of the easiest Latin American countries to hear on the AM broadcast band from many eastern North American locations, as well as from other parts of the world, is Venezuela. It is a fascinating country to listen to with lots of interesting broadcasters to enjoy, many of them not that easy to hear. But, before we take a look at the stations, let's get to the country first.



The name Venezuela means "Little Venice" in Italian. It was so named by Christopher Columbus, because the way the houses were arranged on the coast was reminiscent of his native Venice. It was Columbus that officially discovered the country in 1498.

Venezuela was ruled by the Spaniards from a regional post in Bogotá for nearly three centuries. During the first quarter of the 19th century, several battles were fought against the Spanish rulers by a national hero named Simón Bolívar, who eventually won the country's independence from Spain. This is why its official name is the Bolivarian Republic of Venezuela, or "Republica Bolivariana de Venezuela" in Spanish.

The land of Simón Bolívar is a pretty big country, almost twice the size of France.

This means that there are plenty of targets just waiting to be logged.

Venezuela has one of the strongest Latin American economies, and despite recent difficulties such as President Hugo Chavez's corruption, it is still, next to Uruguay, the South American country with the highest standard of living and a strong medium and upper class. The oil reserves certainly help with the relatively good level of life, but coffee, cosmetic surgery, "telenovelas" (soap operas), and the music industry also help to build a strong economy in this country.

The population of Venezuela is quite diverse, composed of Black, Spanish descendents, Mestizos (persons of mixed Spanish and Indian descent), Amerindians and quite a few immigrants. The Black population is mainly concentrated on the Caribbean coast and is descended from African slaves. The Amerindian population generally lives in remote areas, though many of them are migrating to the cities and are being absorbed into the dominant Latin culture. Some native languages are therefore being lost.

Venezuelan music is quite diverse, consisting of various genres, the most popular being salsa, llanera (or joropo) and gaita. Recently, a new law was adopted requiring at least half the music and commercials played on the radio to be Venezuelan. This means that knowledge of Venezuelan music is a great plus, if you are serious about chasing Venezuelan stations.

Llanera music is based mainly on harp and a four-string guitar called the "cuatro." Gaita is very similar to salsa dura, which any one DXing Latin America should be familiar with, except the

music is even more rhythmic. This music is made mainly in the Zulia state. Personally, I wouldn't recommend listening to salsa dura or gaita music before trying to sleep at night! Tune instead to a station playing llanera if you want something more relaxing.

YV DX

First of all, if you are a newcomer to DXing (listening for distant signals), be aware that Venezuelan transmitting outlets use call letters just like our Canadian and US short-skip domestic targets do. Like the North American radio stations, Venezuelan calls are composed of four letters - the first two are always YV (V for Venezuela) and the last two are unique to the station.

For example, Mundial 550 in Caracas is YVKE; Radio Coro in the Falcón state is YVNM; Mundial Moron 1000 is YVMN, etc. Although few of the stations actually ID with their call-letters over the airwaves, a few, like Mundial 550, YVKE, will have their call letters in some of their jingles.

Using "YV" in your DX reports is an easy way to abbreviate the details. For example, to say "YV music" is much shorter than "Venezuelan music." Using YV when talking about Venezuela in a report that you share with other experienced radio hobbyists, is like writing "QRM" instead of "interference" or "QTH" instead of "location."

Venezuela is divided into 23 or 24 states, depending on whether you consider Distrito Federal (the Caracas area) as a state or a district. Personally, I consider it to be a state, because aside from Caracas which is already very large, it includes other fairly big neighboring cities such as Maiquetía where the airport and YVRQ transmitter are located. Since Venezuela is divided into 24 states, it means it is divided into 24 different DX target areas. Combine this with the diversity of the Venezuelan music and you have one of the most interesting places the nighttime AM broadcast band has to offer.

Equipment Considerations

It is important to realize that Venezuelan stations use the same 10 kHz channel pattern as most of the Western Hemisphere (with the exception of a few Caribbean islands and Hawaii). Therefore, you will need a receiver with a directional antenna if you want to listen to Venezuela on the MW band, in order to null out as many co-channel stations as possible.

Sensitivity is also an important factor to consider. Some quite simple portables, such as my Sanyo MCD-S830, do the job very well with an apparently large internal ferrite bar antenna. If you aren't lucky enough to find a portable that works well barefoot (without accessories), then there is always the loop antenna. Many models are available, the K9AY from Wellbrook Communications being one of the best.

Investing in a communication receiver such as the Drake R8B and/or going to DXpeditions where you may have access to "Beverage" antennas (wires of several hundreds to several thousands of meters!) are other good ways to improve your reception.

Propagation Basics

Before discussing specific targets, be aware that not all seasons of the year, nor every day of a prime season will produce Venezuelan and Latin American reception. Because of the relatively short hours of darkness during summer months in the northern hemisphere, long-haul propagation on medium wave (MW) and long wave (LW) frequencies is very often nonexistent at inland locations. Summer usually just supports domestic short-skip DX.

Detailed explanation of ionospheric propagation is beyond the scope of this article, but I should say that in mid-June the D layer of the ionosphere, which blocks skywave MW propagation during the daylight hours, never really completely disappears, even at midnight. The reverse is true in

December when, at mid-day, the D layer never reaches its full strength. This allows some residual skywave propagation, often quite strong (especially during years of minimum solar activity) from US and Canadian cities located within short-skip distances.

Coastal locations that face the south (east-south-east in the case of Europe and northwest in the case of New Zealand) deserve a special mention, since water is much more conductive for medium-wave skip than earth. This is why coastal DXers like Mark Connelly in Massachusetts get good Venezuelan and other Pan-American or Trans-Atlantic long-haul reception all year round.

On the other hand, there are nights, such as after a coronal mass ejection (CME) event on the sun, when Venezuelan and Latin American signals fill the AM dial even on frequencies where they are usually covered by much stronger short-skip domestic "pests." Because during such events you can sometimes see the aurora borealis or the Northern Lights, the resulting propagation conditions are known as "auroral conditions."

During such conditions, the ionosphere has the abnormal effect of absorbing high and mid-latitude signals on the medium-wave frequencies while still allowing signals from the tropical and equatorial latitudes to be heard. For example, on 650, with co-channel WSM Nashville kicked off by the aurora, it is possible to pick up Venezuelan YVSH Aragueña Seis-Cincuenta in Maraguay, Aragueña state, along with other more common Latins like HIAT and HJJX. A better example of a routinely heard YV could be RCR on 750 not having fight with Atlanta-based WSB during aurora.

Most aurora-related propagation affects mainly the lower and middle part of the MW band and more rarely the higher frequencies above 1200 kHz, though during a very severe solar storm like in 1989 (when Aurora was seen as far south as Cancún), even the upper 1500s will be completely empty of domestic skywave interference!

Generally speaking, however, the higher the frequency, the more stable is the propagation over great distances and the less amount of signal loss occurs. This is why European and New Zealand DXers pick up YV outlets much more easily on the higher portion of the dial. The signals on frequencies above 1200 or 1300 kHz tend to arrive at stronger levels. However, short skip signals will be more consistent, too!

Since auroral effects are much more intensive on the lower and middle of the radio spectrum, YVs are usually received below 1200 kHz in North America, despite the weaker strength of the skip.

Learning the Language

Last, but not least, knowing some Spanish will obviously make Venezuela much more interesting to listen to and will obviously help you identify both YV and other Latins from other Spanish-speaking countries, on both MW and SW. Taking Spanish classes is, of course, a great idea, but there are other solutions available. For example, you can tune to a strong broadcaster on shortwave like Radio Martí (assuming you have a shortwave radio), and listen to it as much as possible, especially during the top-of-the-hour and half-hour periods.

Another way to learn Spanish on your own is to translate an English web-page using Google translator and compare it with the original English page or, even better, do the reverse. That way, you can see for yourself the mistakes made by word-to-word Spanish-to-English translation.

DXing the Top Twelve

Now we will look at the 12 easiest Venezuelan "estados" in approximate order of reception from northeastern North America, with some notes on European and western North America reception, too. Since I had only logged six states at the time I wrote this article, I combine my own observations with loggings of other well-known DXers such as Mark Connelly (eastern Massachusetts), Barry McLarnon (Ottawa), Dario Monferini (Italy), and Tim Hall (San Diego).

For a political map of Venezuela try here: <http://www.mapsofworld.com/venezuela/venezuela-political-map.html>

DISTRITO FEDERAL

RCR, YVKS, on 750 is probably the most consistent Venezuelan signal in the Montreal area, season after season. They are noted on any average Latin American night during the fall and winter, fighting with co-channel WSB Atlanta. When auroral conditions are strong enough to make WSB disappear, then RCR will be completely dominant. This Venezuelan is running 100 kW. The programming consists mainly of news-talk and sports programs.

The second strongest DF station is YVRQ-910 in Maiquetía, the flagship station of the "AM Center" network which, due to not being on an extremely crowded channel, was regular reception on a car-radio with an omni-directional whip antenna until recently, when a new Cuban "pest" started to up its transmitter power on 910. Still, at least during above-average conditions, they are not too hard to hear, though fighting with the Cuban. Their local slogan - "RQ-910" - has been in constant use since 1986. Before that date, they were known as "Radio Aeropuerto."

There are two other "Caracaqueños" running 100 kW of power: the flagship of the Mundial network, YVKE, on 550, and Radio Rumbos on 670. Nulling out CHLN-550, you'll find mainly Venezuelan music with lots of emphasis on Hugo Chavez, the Venezuelan president, as well as news. Because there is also a weaker Miami station using 670 (as received in Montreal) that has anti-Castro programs, the Radio Rebelde transmitter in Arroyo Arenas apparently upped its power, because in WSCR null, it's usually the only thing clear these days. Every now and then, I hear the popular Noti-Rumbos doorbells underneath, but it's 95% Rebelde in Montreal these days.

Radio Tiempo, with 50 kW on 1200 kHz, was heard twice here, including once during non-auroral conditions, despite groundwave and short-skip skywave interference from a local Ottawa station! Young Spanish man and ID sneaked through "CFGO The Team" for a few seconds nicely; the other time it was less spectacular because of a pretty intense auroral opening.

If you live in Europe, one of the easiest Venezuelans to hear comes from the Distrito Federal as well. It is Radio Fe y Alegría on 1390 kHz, thanks to the absence of strong stations on adjacent Euro-channels of 1386 and 1395 kHz. European DXers can also hear the Maracaibo station easily on this channel.

FALCON

This state is located on Venezuelan's northwest coast, although farther east than Maracaibo. The two main cities of this coastal state are Coro and Punto Fijo. Radio Coro, YVNM, on 780, is the second easiest Venezuelan to hear in Montreal, occasionally stronger than even RCR-750. It's obviously the easiest "Falconiano" to hear in eastern North America and is also pretty easy in Europe. Co-channel WBBM, in Chicago, despite its strength, is very often easily nulled with a directional ferrite bar antenna. I have to tolerate the moderate CJAD-800 splatter which is on the same bearing as Coro from my location in Pierrefonds-Est (barely noticeable when YVNM is really strong). The two main programs you are likely to hear at distance are "La Discoteca del Pueblo" in the early part of the evening and "Ruta Musical Siete-Ochenta."

La Discoteca del Pueblo consists of traditional popular Latin American music, birthday greetings to listeners, and religious comments, not just music like the name at first suggests.

"Ruta Musical 7-80" is, on the other hand, a non-stop music program running during the late evening and early morning hours when they don't carry serious programming. Between each two songs, you'll hear a time check and an ID, sometimes more, and at the top-of-the-hour an extensive ID announcement. The music played inside the "Ruta Musical 7-80" program ranges from required Venezuelan joropo and gaitas to romantic salsa, reaggetón and Spanish pops.

The two other Coro AM outlets on 660 and 820 are much more difficult, but might be logged with a lot of patience. As for Punto Fijo, a city next to Coro in that same state of Falcón, if you don't live in Montreal and do not have CINW-940 groundwave as a problem, then Radio Punto Fijo, YVNN, is another good bet, at least during auroral conditions. If WCBS is "aurora-ed out," then YVVM-880 is another Punto Fijan that is really worth trying.

The other Punto Fijo station, on 1150, YVMV, might get here and elsewhere through CJRC/CKOC/WTTT during auroral conditions. Fortunately, when WAMG Boston changed its call-letters to WTTT, it also changed format from Latin tropical music to American news-talk, which will definitely help you identify YVMV.

YVMV is part of the Radio Venezuela network. The easiest outlet of this network to hear from Montreal is YVQT-1110 in the Sucre state during auroral conditions when WBT is weaker or absent. The easiest Falconiano, in both Europe and New Zealand seems to be, by far, YVNV Radio Nacional Antena Popular in Punto Tumatey, a city much smaller than Coro and Punto Fijo. It operates on 1240, an extremely crowded frequency in North America, called a "graveyard" channel by AM DXers for this reason. Even during Auroral conditions, several dozen domestic stations in the Southern U.S. not completely absorbed will be causing severe interference, making the 1240 Falconian impossible from NA, unless you live in New-Foundland. Antena Popular is the general service of the public Radio Nacional de Venezuela. As their name implies, they are involved in programming with the widest appeal.

RNV owns four broadcasters: Antena Informativa (mainly news-talk), Canal Clásico (classical music), Antena Popular (popular programming as explained above), and Onda Corta (international service on shortwave), the last one being currently inactive; it is replaced by a special program aired from Cuba and called "¡Alló Presidente!"

ANZOATEGUI

Located on the northeast coast of Venezuela, the Unión Radio outlet in Puerto-La-Cruz, YVQO, on 640, is your best bet for this state from here in Montreal. WTIC skip blocks YVQT in the state capital of Barcelona (a neighbor which even during auroral conditions seems a very tough catch). Unión Radio has a pretty boring all-news format with very little music, although there are some religious programs and the excellent "Sintonía DX" hosted by the great DXer José Elias Diaz to break the monotony. This station is a difficult catch this season, probably because of the lack of auroral conditions, but it was the strongest Venezuelan and South American at my location during the 2002-2003 DX season.

SUCRE

This is the last Venezuelan state that seems to be relatively easy to receive from Montreal. It is also located on the northeastern coast of Venezuela a bit farther east than Anzoátegui, and it is much bigger than Anzoátegui. (The distance between Cumana and Carúpano, the two biggest cities of Sucre, is around 100 kilometers.) The best bet here is YVQT on 1110 and also the best bet for receiving the Circuito Radio Venezuela network.

While it is located SSE from Montreal, sunset is not the best time of the day to hear them. There are day-timers WUHN, WCEC and WPDZ that make this one really rough at this time. WPDZ is especially problematic, because they also broadcast in Spanish with more or less the same format. You have to listen to very carefully under WBT to get them later in the evening, if you choose this target during non-auroral conditions. Aurora conditions allow YVQT to be easily traced with sometimes fair to good reception. Musical programming consists of typical Latin American music (no reggeatón or Spanish pops), and this station has its share of Venezuelan music like the others nowadays.

The only other Sucre station I heard is YVRZ-1500 "Radio Visión Dos Mil" in late September 2001 on pre-sunset during a great auroral opening that provoked absorption of both WTOP and day-timer WFIF. They had baseball play-by-play at the time (the national sport in Venezuela) with the above-mentioned ID. You might also want to know that YVRZ-1500 is the only South American still possible for Tim Hall in Chula Vista, California, and the strongest Venezuelan in Texas, as well as a regular in both Europe and New Zealand.

Last, but certainly not least, let's get back from Cumana to Carúpano to approach this state from an European perspective. Radio Vibración on 1470 kHz, an affiliate with Circuito Unión Radio, but mostly with independent music programming, is very often the loudest Trans-Atlantic in Europe. I had the chance to hear them using a web-controlled receiver located in Umea, Sweden, back in 2001. When I listened to them they played a very few salsa and Latin dance songs, but mostly folkloric music, probably joropo (though at that time I didn't know what joropo and llanera were all about, as a newcomer to the world of Latin American music and radio).

ZULIA

Located on the northwestern corner of Venezuela, the capital city here is Maracaibo, which has a very big lake. Aside from the radio stations, this town is reputed to have one of the hottest climates around the country, with maximum temperatures of over 30 °C almost daily. It also has the second biggest lottery. But of most economic importance are the oil reserves, located around Maracaibo Lake, which give Venezuela the second highest standard of living in South America. There are lots of stations to choose from this relatively easy state, although they are not that easy for me in Montreal.

The easiest station here is undoubtedly Radio Maracaibo, YVNC, on 740. I may have heard them, but even with local CKAC-730 nulled and CHWO semi-nulled, I was not able to hear an ID. On the other hand, I once got a fair to poor signal out of Mundial Zulia on 1070. See DISTRITO FEDERAL for more details about the Mundial programming.

For the European DXers, the Zulia state is also pretty easy, thanks to Radio Lumen 2000, YVZC, which is very often reported despite co-channel YVZA in Caracas.

Aside from Maracaibo, another town of DX importance here is Ciudad Ojeda. It does have only one AM broadcaster, but a very interesting one: Radio Petrolina, YVNJ, on 1180. When WHAM is weak or absent and you hear a second or third Spanish station on this channel which is not parallel (//) to 600, 670, 710, 5025, et al (Radio Rebelde) nor // 6030 (Radio Marti), it may well be Petrolina. It is a really difficult catch, but a very intriguing target and one of the great challenges the AM broadcast band has to offer you.

NUEVA ESPARTA

This is the Isla Margarita's state, the area with the most tourists and lots of stations, none of which I have yet identified. The most reported station here seems to be YVQE-720, which is on the same network as YVQT (see SUCRE for details about Radio Venezuela's programming). I also tentatively logged La Voz del Caribe on 1140 on two or three occasions and got possible Spanish on 1020 (sounded like the YVRS Asunción outlet of the Mundial network) once.

ARAGUA

On March 9, 2001, at 0207 UTC, I was lucky enough to catch very weakly the familiar Noti-Rumbos doorbells as well as a man with "Noti Rumbos Informa" for just a few seconds through WSYR Syracuse, WMCA New York, and Radio Reloj on the very unusual 570! It was heard only once.

On the other hand, I haven't yet logged the most commonly heard Aragueño, which is Aragueña Seis-Cincuenta (650), YVLH. All I have heard are WSM Nashville, HJKH, and tentative HIAT,

along with the transmitter-produced CKAC-730 local spur. This state is a bit less common than Isla Margarita's Nueva Esparta, which is why it is included behind Nueva Esparta, even though I have not logged that state.

CARABOBO

The capital of this state, Valencia, is located 50 kilometers west of Caracas. The best bet for this state is the Antena Informativa outlet of YVKK, the all news-talk public service broadcaster, which I tentatively got on two occasions, on 770. You might need an aurora to block WABC and to work around QRM from two other Latins, HJJX, and a brand new Cuban Radio Rebelde outlet in order to get this. But if we listen carefully through the interference, we should not have too many difficulties in nailing Antena Informativa down; they are easier than many others, which is why Carabobo is on my Top 12 Venezuelan states list. Antena Informativa is a Radio Nacional de Venezuela broadcaster.

The Valencia station on 810 is not a very bad target, even though it is very seldom reported. But, the most interesting target for this state is Latina, YVJW, on 1470 kHz. To my knowledge, in the past few years it was only logged once from the northeast by a DXer in Toronto. YVJW is a really great challenge for the eastern North American DXers, especially considering 1470 is so crowded with domestics - only slightly less crowded than the local "graveyard" channels.

In Europe, it is not as uncommon to note YVJW mixing with Vibración (YVSY) and sometimes YVJW will rise atop YVSY and the other Trans-Atlantics (TAs). Latina mainly hosts talk programs with little if any music, as opposed to Vibración.

Staying with the European DXers for a few moments, let's take a look at the second most important Carabobo city, Puerto Cabello. Puerto Cabello has two great targets: Radio Puerto Cabello, YVLF, on 1290 kHz and Ondas del Mar, YVNG, on 1380. The first one is the best bet for both Europe and North America. Ondas del Mar is extremely rare outside Newfoundland; I only recall one logging by Mark Connelly during the feeding-frenzy Aurora of October 2000 outside the NF DX paradise. In Europe, since France Info from Lille started operating around the clock on the adjacent channel of 1377 a few years ago, Ondas del Mar became extremely difficult there, too. When 1377 was empty on early mornings, YVNG-1380 was a reliable Trans-Atlantic catch here.

GUARICO

Enlace 8-60, YVYE, from Villa de Pascua is often reported. It is by far the best bet for this central-north Venezuelan state, even though it is not easy. Another interesting Venezuelan using this channel providing a fairly great challenge is YVOL (see below).

TACHIRA

Situated in western Venezuela in the Andes Mountains, this is a moderately difficult state, but it is reported more often in the National Radio Club's International DX Digest and elsewhere than its relative distance from the coast and the mountainous terrain might suggest. This "estado" is especially famous for its lottery, "La Lotería de Táchira," one of the biggest lotteries in the country with lots of winners.

Until recently, this state was great for pleasant listening on SW, thanks to two relatively high-powered 60 meter broadcasters, Ecos del Torbes on 4980 kHz and Radio Táchira on 4830 kHz. Nowadays, with both of these stations being inactive on SW, you need to get into MW DXing in order to log this wonderful state.

The best bet is undoubtedly Mundial Ocho-Sesenta, YVOL, on 860; it is almost as regularly reported as YVYE. You should be able to null out CJBC out of Toronto, which should be off or absorbed by Auroral conditions, and get a shot at both YVYE and YVOL. Otherwise, if you have patience and the desire to listen to Radio Coro, you may be rewarded with sporadic appearances of

Ecos del Torbes which share 780 with them - as a reminder of the days when you could easily tune to them on 4980 kHz SW.

I sometimes wonder how these two strong Venezuelans are received in their own backyards. A well-known Iowa DXer visited western Venezuela in late 1994 / early 1995 and was able to hear Radio Coro dominating the frequency on January 3 and also on January 14, despite Ecos del Torbes which was much closer. I imagine the level of interference between the two must be quite high.

BOLIVAR

If you don't have both CKAC-730 and CHWO-740 interfering and/or you are experiencing a great Auroral opening during your listening session, then it's worth trying for Radio Caroni, YVNO, on 740. There is also WIAC Puerto Rico, Radio Maracaibo and a Cuban Progreso nearby, so an ID is a "must" before you can add this state in your logbook.

LARA

Llanera harp music comes from the area of this "estado"! This is a state that covers north and central Venezuela, although not the coast. If you live away from CINF's groundwave and a good Aurora is eliminating their skywave, then your best bet for this state is Radio Barquisimeto, YVMR on 690 kHz. You will have to work around potential interference from other Latin and Caribbean stations like The Caribbean Beacon, XEN, and Radio Recuerdos, HJCZ.

Otherwise, if you live in or pretty close to Montreal with the Barquisimeto's YVMR-690 blocked by CINF and YVMT-730 blocked by CKAC, your best bet would be Radio Cristal, YVXY, on 610 kHz. An apparently new higher power Radio Rebelde outlet, along with HJKL (one of the 33 outlets of Radiodifusora Nacional de Colombia) and YVSE, will make this one very tough even during auroral conditions.

A slightly easier Barquisimeto station is Radio Juventud, YVMY, on 840 kHz, but again, even during a great aurora, you need to listen carefully through Cuban and other Latin signals in order to log them. This is definitely not an easy state to log!

So there they are: the 12 easiest Venezuelan states to log from Montreal. The next 12 are much harder to log and the chances are slim of logging all 24 Bolivarian states, but keep in mind that you're still slightly more likely to hear all the Venezuelan states than all 50 USA states. With this in mind, go after these intriguing Venezuelans on mediumwave!

May good DX be with you!

A note from the author:

My name is Bogdan Alexandru Chiochiu, and I live in Quebec. I'm only 18 years old, but have been involved with radio during most of my life. Since 2000, at age of 13, I have discovered "true DX" on shortwave and mediumwave. I also do FM DXing, especially when there is a good tropospheric ducting or sporadic-E opening.

My first "hard-core DX" experience was in 1996, in Romania, at 9 years old, when I enjoyed tuning to low-powered FM pirates in Bucharest. I knew short wave for many years, way before beginning elementary school.

I'm currently using for MW, a Sanyo MCD-S830 portable which is excellent, especially on AM. For SW, I use a Sangean CST-818 with a long-wire in our interior yard of about 30 meters.

Since I heard my first Latin American DX in the summer of 2000, Latin America and particularly Venezuela was always my favorite target.

UTILITY COLUMN

The home of non-broadcast news
with David Towers

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

Return of Utility News

Following a return to better health and a little more time I decided to edit this column so we can discuss NDB reception, Navtex and other topics that are not strictly Broadcast, that operate between VLF and 5MHz. The input will be a mixture of my findings and your tidbits of what you have been listening to. This will be a mixture of loggings and hopefully we can answer questions on data topics that have been holding you back from listening to these non broadcast signals.

If submitting loggings then please use the template that can be obtained from the editor.

Beacon News

Courtesy of "ndblist@yahoogroups.com": Enclosed please find some recently announced NDB changes - as always I'd appreciate your feedback whether you can confirm the changes "on the air". "michael.oexner@web.de":

New or reactivated NDBs or change of frequency or call sign

Call kHz Station S/P ITU Lat Long Comments

kHz	Call	Station and comments	ITU	LAT	LONG	
274	BR	Bau Bau-ex BB274	INS	S05 31 00	E122 33 00	
415	LM	Tsentralny/Orenburg	RUS	N51 47 42	E055 23 12	
610	CO	Turkmenbashi ex CO-350	TKM	N40 06 31	E053 01 17	

NAVTEX news

Another popular data mode is Navtex. Listen on 518kHz and 490kHz for these signals. Many software decoders are available for download, with my favourite SEAtty available for trial without payment, and registration for a small fee allows all functions to be used. Send me your good catches for the logs section. Questions also welcomed and one way or another, I will attempt to get the answers for you.

QSL received Pirate NDB : PAT 499.2kHz

Back in March 2006 I and many other NDB listeners came across a pirate NDB from Ireland. This NDB was PAT which was on to mark St Patrick's Day. This NDB was widely received and as it only ran for a few days it was a good find and word soon travelled around the group that An accurate report would produce a QSL card and a CD packed with Irish songs. Who would pass by a chance like that? A report was duly sent via a circuitous route as the identity of the operator was known to few. Sure enough my report was followed by a package of goodies which along with the music CD, which also had some component parts of the beacon printed on the label and some tourist info of Ireland was the wanted QSL card on a Guinness beer mat, confirming the report.

This beacon usually surfaces around Christmas and the New Year and other special celebration days, so this is a frequency worth adding to your receiver memory to check on occasions. I will post the QSL info on the MWC website.

Miscellaneous news

A popular meeting place for discussion and reporting of matters NDB is ndblist@yahoogroups.com: with a complete website BEACONWORLD, where answers to all or most answers can be found at <http://www.beaconworld.org.uk/>

A wealth of data is held here along with “how to” articles. The site run by MWC member Alan Gale is a must for all Beaconeers.

Amateur news

United States: The FCC's Office of Engineering and Technology has granted a Part 5 experimental license to the ARRL on behalf of a group of radio amateurs interested in investigating spectrum in the vicinity of 500 kHz. Experimental license WD2XSH was issued September 13. The two-year authorization permits experimentation and research between 505 and 510 kHz (600 meters) using narrowband modes at power levels of up to 20 W effective radiated power (ERP). ARRL Member Fritz Raab, W1FR, of Vermont, will serve as experimental project manager for "The 500 KC Experimental Group for Amateur Radio." ARRL website via Steve Whitt

Equipment news

A novel way of VLF, LF and Broadcast listening apart from a communication receiver, is to use a Frequency Selective Level Meter, (FSLM). They are measuring instruments that typically cover from 100hz to 2000kHz and even higher. A Frequency Selective Level Meter is designed for precise frequency selective measurements such as harmonic level and distortion measurements on communication links and systems. Examples are LF, medium frequency amplifier and audio amplifier measurements, non-harmonic spurious testing, and production testing. Where they score is that they have very narrow filters installed. Very narrow filters of 20hz can be beneficial to those searching for the weak CW tone of a NDB on a noisy band.

Care is needed in choosing FSLMs as those available are well used instruments and become available when companies upgrade to the latest models. Examine the coverage, condition, extras, such as batteries, sound output stage. Many have narrowband LSB/USB demodulators that may need modification for our purpose. A site for discussion of this equipment is FSLMs@yahoogroups.com: where information on various is exchanged.

Logs

Send me your reception loggings for inclusion in this column. Please use the following format below to enable me to collate and add to the column.

kHz	Call	Location; reception details etc	ITU	UTC	Date	Who
277	CHT	Chiltern, 599,+400hz offset	G	1808	22/09	DAT
545	LIC	Lichfield, 599,+400hz offset	G	18/03	22/09	DAT

So please let me know what you require of this column and send in details of your logs, your equipment, aerial setup and most important , your location. Also send me your tips for successful beaconeering.

Don't forget that MWC now has an “Online” Winradio 313 receiver so plenty of opportunity to have a listen from a different location and compare results.

Cheers for this month, Dave G8SZX

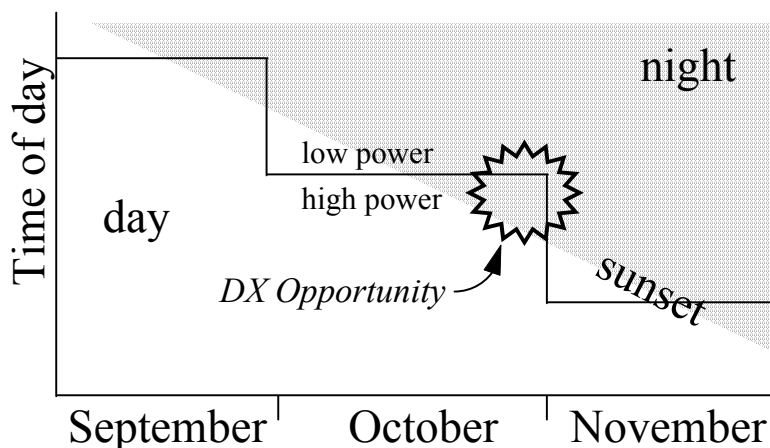
CATCH A U.S. DAYTIMER

with Barry Davies and Steve Whitt

Many American MW stations only operate during local daylight hours in order to reduce night-time interference to other stations. Or if they operate after dark it is on much lower power or with a more directional antenna pattern. For the DXer in Europe catching American daytimers is tough and not many have been heard. However, if one is to have any chance at all one needs to be well informed and listening at the right time. The window of opportunity may be 15 minutes or less!

The FCC sets the rules for radio in the USA and defines the official sunset time for every station. In reality sunset time changes every day but to simplify operations at stations, the FCC calculates the sunset time for the middle of the month and this time is used for the whole month. Around the spring and Autumn equinoxes, sunset time can change by as much as an hour in one month (see diagram). This means that a station signs off at the end of September at the same time as it did in mid September even though darkness appears as much as half an hour earlier! The extra half hour of darkness improves the chances of the signal crossing the Atlantic. Conversely at the start of

September the station would actually be leaving the air as much as 30 minutes before real sunset. This means that the clever MW DXer will choose the best end of the month in order to maximise his chances of catching American MW daytimers. To summarise, in Autumn the best time to look for "daytimers" is the end of the month, whereas in Spring the best time is the beginning of the month. In mid winter there is no advantage to be had.



In the following table Barry Davies has collected data on target stations to look for. They are listed approximately in order of their official sunset time (utc), which is when the station should cut power or sign off. But a few stations on the east coast are allowed to stay on for a while after sunset with their daytime configuration. This is because the station they are protecting from night time interference is considerably farther west. Callsigns in bold indicate a station has been heard in the UK. The powers are shown for day/night or day/critical hours/night. When a station closes you should hear an official detailed announcement and the Star Spangled Banner. **GOOD LUCK!**

Freq.	Call	City of licence	State	Power(s)	Oct	Nov	Dec
830	WCRN	Worcester	MA	50/5kW	2200	2130	2115
1160	WSKW	Skowhegan	ME	10/0.73kW	2200	2115	2100
890	WAMG	Dedham	MA	25/3.4kW	2200	2130	2115
1200	WKOX	Framingham	MA	10/1kW	2200	2130	2115
1320	WDER	Derry	NH	10/1kW	2200	2115	2115
760	WCHP	Champlain	NY	35/0.011kW	2215	2130	2115
1100	WHLI	Hempstead	NY	10/--kW	2215	2130	2130
1280	WADO	NYC	NY	50/7.2kW	2215	2145	2130
1500	WFIF	Milford	CT	5/--kW	2215	2130	2130

1520	WIZZ	Greenfield	MA	10/--kW	2215	2130	2115
1600	WWRL	NYC	NY	25/5kW	2215	2145	2130
1540	WNWR	Philadelphia	PA	50/.007kW	2230	2145	2130
680	WCBM	Baltimore	MD	50/20kW	2230	2200	2145
850	WTAR	Norfolk	VA	50/25kW	2230	2200	2145
980	WTEM	Washington	DC	50/5kW	2230	2200	2145
1030	WWGB	Indian Head	MD	50/--kW	2230	2200	2145
1070	WNCT	Greenville	NC	10/10kW	2230	2200	2200
1110	WYRM	Norfolk	VA	50/--kW	2230	2200	2145
1290	WWTX	Wilmington	DE	2.5/.032kW	2230	2145	2145
1290	WDZY	Colonial Heights	VA	25/0.041kW	2230	2200	2200
1310	WGH	Newport News	VA	20/5kW	2230	2200	2145
1370	WVIE	Pikesville	MD	50/7.7kW	2230	2145	2145
1540	WREJ	Richmond	VA	10/0.007kW	2230	2200	2145
1580	WPGC	Morningside	MD	50/0.27kW	2230	2200	2145
1600	WRJE	Dover	DE	5/1kW	2230	2145	2145
680	WPTF	Raleigh	NC	50/50kW	2245	2215	2200
680	WCAW	Charleston	WV	10/0.25kW	2245	2215	2200
840	WCEO	Columbia	SC	50/--kW	2245	2215	2215
860	WOAY	Oak Hill	WV	10/5/0.011kW	2245	2215	2200
970	WJMX	Florence	SC	10/3kW	2245	2215	2215
1180	WMYT	Carolina Beach	NC	10/--kW	2245	2215	2200
1190	WBDY	Bluefield	VA	10/--kW	2245	2215	2215
1290	WHKY	Hickory	NC	50/1kW	2245	2215	2215
1390	WNIO	Youngstown	OH	9.5/4.8kW	2245	2200	2200
680	WCNN	North Atlanta	GA	50/10kW	2300	2230	2230
790	WQXI	Atlanta	GA	28/1kW	2300	2230	2230
1010	WFGW	Black Mountain	NC	50/19/0.5kW	2300	2230	2215
1040	WLWJ	Boynton Beach	FL	25/1.1kW	2300	2230	2230
1070	WCSZ	Sans Souci	SC	50/1.5kW	2300	2230	2215
1190	WAFS	Atlanta	GA	25/2.3/0.15kW	2300	2230	2230
1380	WKJV	Asheville	NC	25/1kW	2300	2230	2215
1430	WPLN	Madison	TN	15/1kW	2315	2245	2230
940	WCPC	Houston	MS	50/0.25kW	2315	2300	2245
1600	WMQM	Lakeland	TN	50/0.035kW	2315	2300	2245
1180	WJNT	Pearl	MS	50/10/0.5kW	2330	2315	2300
1060	WLNO	New Orleans	LA	50/5kW	2330	2300	2300
1600	KLEB	Golden Meadow	LA	5/0.25kW	2330	2300	2300
1430	KTBZ	Tulsa	OK	25/5kW	2345	2315	2315

PS WNWR and WFIF were heard last month

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: - ABDX, NERW, Radio News and Notes, Dx-midAMERICA, RadioAndRecords.com, IRCA, KOJE & NRC



- 560 CHVO** Spaniard's Bay NL. This VOCM network station wants to move to 103.9FM.
- 630 CFCY** Charlottetown PE. "The Island's Country 95.1 CFCY" is on so 630 will be gone by November. PEI will then be the first Canadian province to have no major AM signals. I guess it won't be the last?
- 720 CHTN** Charlottetown PE. This pop station has now left 720 for good.
- 950 CHER** Sydney NS. This oldies station has been authorised to move to 98.3FM. The format will be classic hits. No start date of FM service announced. No start date yet of 950's 90 day pre closure simulcast of 98.3 FM.
- 960 CHNS** Halifax NS. The station has left this frequency and closed its website.
- 970 CFXE** Edson AB. This pop station wants to move to 94.3FM.
- 980 WHSR** Pompano Beach FL. This station has altered its night pattern to over the Atlantic!
- 1020 KAXX** Eagle River AK. This ex sports station has returned to the air with classical music.
- 1050 CJNB** North Battleford SK. This country music station has requested a move to 102.9FM
- 1070 WCSZ** Sans Souci SC. Format moves from black gospel to oldies as "Wave 10-70."
- 1070 CBA** Moncton NB. This CBC station has requested a move to 106.1FM.
- 1090 WILD** Boston MA. Format is now full time black gospel replacing black talk.
- 1190 WLIB** NYC. NY. Format flips from Air America talk to full time gospel.
- 1250 CBGA** Matane QC. This CBC FF station has now left this frequency.
- 1300 WMTN** Morristown TN. This news talk station has been sold. No news of format changes.
- 1300 KKOL** Seattle WA. This talk station is testing its new **50,000watt** transmitter. The beam is North and worth a look hi! (Eric Floden)
- 1390 WCAT** Burlington VT. New calls here. (ex WVAA) The station has dropped Air America talk and flipped to ESPN sports radio.
- 1650 CHAL** Montreal QC. Radio Chalom has been authorised to commence Hebrew programming with 1000watts full time. (KOJE) Your ed wonders what will happen to 1350 CHAL?
- 1660 KXOL** Brigham City UT. The oldies are gone. The format is now SS soft pops with the slogan "La Favorita 16-60."
- 1690 WVON** Berwyn IL. Call change. (ex WRLL) Format switches from oldies to African American talk with the slogan "The Talk of Chicago" (Robert Feder)

A lot of planned and actual closures in Canada this month. Some key frequencies affected leaving your OM wondering what stations will get through now hi! If the changes can be linked to the day timers list, published else where in this edition of MWN, oh what larks hi!

Barry

CENTRAL AMERICAN NEWS

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with Tore Larsson

Tetsuya Hirahara, Radio Nuevo Mundo, visited San José, Costa Rica from June 4 to June 8; San Salvador from June 8 to June 11 and Guatemala from June 11 to June 14, 2006. Below are some of his observations:

Costa Rica

- 730 TI.. R. Pacífico, Puntarenas. According to a telephone interview, the station has been operating for about a year with a power of 1 kW from 1400-0200. Belongs to "Monumental".
1360 TICA R. Celestial, San José. Street address: Calle 5 y 7, Ave 10, San José

El Salvador

- 570 YS. R. Exus, "YXT Radio", San Salvador. ☎: Jardines de la Cima poligono "N", Calle las Begonias, Pasaje los Lirios # 14, San Salvador, new
720 YSRA Qué Buena, San Salvador, ex R. Paz
890 YSLA R. Renacimiento, Santa Ana, ex R. Musical
900 YSOJ Presencia Radio, San Salvador. ☎: Col. San Miguel, Cl. Principal Pasaje Castillo, San Ramón Mejicanos, San Salvador. E-mail: presenciaradio900AM@hotmail.com
1100 YSRF R. Don Bosco, San Salvador. ☎: Edif. 2, CITT, Universidad Don Bosco, Soyapango, San Salvador. Web: <http://radiodb.uwb.edu.sv> E-mail: radiodonbosco@uwb.edu.sv
Inaugurated on December 8, 2005. Ex R. Ranchera
1390 YS.. R. Rey de Gloria, San Salvador ex R. Sinai. ☎: Carr. Antigua a Plan del Pino 1 Cuadra, Antes de la Ciudadela don Bosco, San Salvador
1580 YS.. R. Poder y Gloria, Santa Ana, new

The stations listed in WRTH 2006 for San Salvador on the following frequencies were not heard during the stay: *655 R. El Salvador; *930 Sonora; 990 UPA; 1070 Renacer; 1080 CRET (see below!); *1140 El Mundo; *1160 Horizonte; 1200 Familiar; 1330 Cristo Te Llama; 1360 Super; *1420 UCA. Stations with an asterisk should be deleted from the list.

Guatemala

- 560 TGRV R. Salem, Guatemala, ex R. 5-60
800 TG.. R. Constelación, Guatemala, 1200-2400, new
910 TGKL Génesis Radio, Guatemala. ☎: 10a Av. 0-61, Zona 19, Col. La Florida, Guatemala
940 TGTL Eventos Carólicos Radio, Guatemala. ☎: 10 Av. A 2-57, Zona 1, Guatemala
1000 TG.. R. Revelación, Guatemala, new
1120 TGC R. Poderosa, Guatemala, ex R. Uno 120 AM
1150 TGT R. Sonora, Guatemala, ex 1180 kHz. Web: www.sonora.com.gt
1210 TGMX R. Miel, Guatemala, ex Coco Radio
1360 TGLK R. Tictac, Guatemala. ☎: 1a Calle 35-48, Zona 7, Col. Toledo, entre la Calzada Roosevelt y la Mateo Flores, Guatemala
1480 TGHB R. Horizontes, Guatemala, ex R. Buenas Nuevas



The stations listed in WRTH 2006 on the following frequencies were not heard during the stay: 640, 670, 760, 790, 850, 880, 1060, 1090, 1180 (moved to 1150), 1390, 1450 and 1540.

Cuba

530 Air Martí is up now! - Reactivated tonight 11.8.2006, and at new time. Up at 2300 GMT, 530 kHz of course. Blasting in, near local level as I type. Terry L Krueger, Clearwater, FL, USA, via DXLD

The following national Cuban radio networks are broadcast on AM and FM throughout the country and are also available on the Hispasat 1D 30 degrees west satellite:

* **Radio Progreso:** cultural, musical, light entertainment, welfare and social issues with 73 per cent of adults listening in any week. <http://www.radioprogreso.cu>

* **Radio Reloj:** news and information with 71 per cent of adults listening in any week. <http://www.radioreloj.cu>

* **Radio Rebelde:** informative, varied, with sports programmes with 68 per cent of adults listening in any week. Also available on shortwave. <http://www.radiorebelde.com.cu>

* **Radio Enciclopedia:** cultural, light instrumental music with 32 per cent of adults listening in any week. <http://www.radioenciclopedia.cu>

* **Radio Taíno:** tourist information, entertainment and music, some broadcasts in English with 30 per cent of adults listening in any week. <http://radiotaino.cubasi.cu>

* **Radio Musical Nacional:** music and cultural programming. Audience share unknown. <http://www.cmbfjazz.cu>

Nearly 160 provincial stations operate throughout Cuba, many of which have a noticeably different format from the national networks by providing a less formal and livelier presentation. Overall they have about 40 per cent of adults listening in any week. For a list of provincial stations with a web presence, see: <http://www.comfm.com/live/radio> and also http://radiostationworld.com/locations/Cuba/radio_websites.asp
BBC Monitoring research 15.8.2006 via DXLD

Dominican Republic

1680 HI.. R. Senda, "la emisora de la unidad cristiana de San Pedro de Macorís", San Pedro de Macorís. Heard by Torolf Johnsson, identified by Henrik Klemetz. Henrik phoned the station. Daniel Muñoz, R. Senda gave the following information: They have been testing on and off for some 3 months with a power of 900 W. Address: Radio Senda, Apartado Postal 134, (or: street address Calle René del Risco Bermúdez 17), San Pedro de Macorís, Dominican Republic. E-mail: radiosenda@hotmail.com Phone number +1 809 246 1680.
Torolf Johnsson and Henrik Klemetz

Honduras

880 HRH R. Nacional de Honduras "LV del Poder Ciudadano", ex R. Honduras. New address: Avenida Miguel de Cervantes, Edificio Lucía, frente a la Iglesia Menonita Avenida, Colonia: Av La Paz, Tegucigalpa.

1160 HRFJ R. País "La Voz del Valle de Sula", Yoro. Tel. 504-647-1717. Director: Lic. Juan Ángel Rivera Tabora. Founded December 10, 2004.

1590 HRBX R. Perla, El Progreso, note the prefix WRTH editor Christer Brunström

México

Apparently it is not yet certain, but a committee on digital radio standards has recommended that Mexico adopt both the European Eureka-147 on L-band, and for stations along the border since they have audiences in the US, IBOC/HD. Glenn Hauser, DXLD

830 XEVQ Sinaloa 8-30, Culiacán, new slogan J-E Österholm and Pertti Äyräs via UKVK

1580 XEAF La Tremenda, Apaseo el Grande, new slogan J-E Österholm and Pertti Äyräs via UKVK

Puerto Rico

1520 WVOZ San Juan is on the air with U3 25/25 kW NRC AMS 73/29
/U3 means "Unlimited Time Operation – Directional All Hours, same pattern" –ed/

SOUTH AMERICAN NEWS

with Tore B. Vik
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Argentina

<u>650</u>	La Nueva Radio – closed by the authorities	Marcelo A Cornachioni
<u>650</u>	R. Melody – ex 680 kHz	Marcelo A Cornachioni
<u>1090</u>	R. Libertad – La Rioja 1728, Oficina 7, (S2000AZB) Rosario, Santa Fé	R.B.Margenet in ConDig
<u>1160</u>	R. Excelsior, Monte Grande, BA – ex 730 kHz	Marcelo A Cornachioni
<u>1430</u>	R. Pasión – new station – ☎ Calle 803 No 1430, Barrio Dos Avenidas, (B1879MXJ) Quilmes Oeste, Buenos Aires	Marcelo A Cornachioni in ConDig
<u>1520</u>	R. Misión Fortaleza, Ezeiza – ex 1610 kHz	Marcelo A Cornachioni in ConDig
<u>1600</u>	R. Emanuel – new station - ☎ Yatay 628, (B1804CMH) Ezeiza, BA	Marcelo A Cornachioni
<u>1610</u>	R. Guaviyú, Gregorio de Laferrere, BA – ex 1590 kHz	Marcelo A Cornachioni

Bolivia

<u>1030</u>	R. Orinaca (R. Patria Nueva), Orinaca, Oruro – new station	abi
<u>1030</u>	R. Patria Nueva, Riberalta, Beni – new station	SITTEL
<u>1030</u>	R. Independencia (R. Patria Nueva), Provincia de Ayapoya, Cochabamba – new station with 3 kW.	abi
<u>1050</u>	R. Sabaya (R. Patria Nueva), Sabaya (Oruro) – new station	SITTEL

Brazil

<u>580</u>	ZYI387 Imaculada Conceição, Campo Grande (MS01) – ex. R. Educação Rural	Cláudio Moraes
<u>1330</u>	ZYI533 R. Liberal, Belém (PA10) – ex 900 kHz	
<u>1480</u>	ZYK562 Imaculada Conceição, Bilac (SP178) – ex R. Clube	Cláudio Moraes
<u>1500</u>	R. Jacuípe - ☎ Rua Padre Argeminto Guimarães, 32, Centro, Riachão do Jacuípe – e-mail radiojacuipe@yahoo.com.br	Antônio Schuler via HCDX
<u>1510</u>	ZYH630 R. Trapia (CE84) (ex R. Pedra Branca)	Olz in Distance
<u>1570</u>	ZYJ829 R. Modelo (SC98) – new ☎ Rua Nereu Ramos 2222, Centro	Jan Alvestad

Ecuador

<u>1530</u>	HCMZ6 R. Deportes, Pelileo, ex R. Dorado	Rafael Rodríguez
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Paraguay

Ref. SAND 10.07.06 about ZP21 at 1230 khz:

“ZP21 Radio Oriental/Tajy/Centenario 1230 AM/1570 AM no longer exists.

It never succeeded in recovering from the financial setbacks, and has been superseded by Centenario FM, on 99.5 MHz.

I spoke with the station personnel, today, and confirmed the matter.

The Cabrera family retains the FM station. I am uncertain as to what happened with Señor Yinde.”

From Adán Mur

WORLD NEWS

[Europe, Asia, Africa]
with Renato Bruni

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Albania

"VOA Croatian as of today, September 11, 2006 ... Breakfast show 0430-0500 UT without changes." But according to earlier reports no longer via 1458, thus ending VOA's usage of the Fllaka txs altogether. Will try to check it out tomorrow, but I fear I will forget about it when getting up around this time. (*Kai Ludwig-D, dxld Sept 14*) 1458 Checked that VoA outlet from Fllake-ALB a week ago, when I was near Venice on holiday. Still on air and well heard in northern Italy. Also DW Albanian 1215 still on air around 0540-0600 UT. *Wolfgang Büschel via WWDXC*

Algeria

The National Radio of the Saharan Arab Democratic Republic (Radio RASD) logged now on 700 kHz (ex-1550). The transmitter site is probably the same (Tindouf, Algeria). 1550 remains off, but the Moroccan jammer remains on. (*Carlos Goncalves, via WWDXC Top News*) After an absence, I notice what I think is the Polisario station back on 1550kHz at 2325utc 9/9/06 (*Steve Whitt*)

Algerian Communication Minister El Hachemi Djar says that the government has decided to devote over 127 billion centimes (US\$1.74 billion) to develop the national radio, by extending its broadcasting and transmission capacities, and to improve radio production.

The aim is to counter the sharp competition from private radio stations broadcasting from neighbouring countries, namely Spain, Italy and Morocco. These stations are taking advantage of the weak broadcasting ability of Algerian radio stations and the numerous shadow zones [areas of poor reception]. The Minister also announced a project to provide each of Algeria's 48 provinces with its own digital radio station. The minister's declaration was made on the occasion of the opening of the third Local Radios meeting held in the hall of the National Popular Assembly (lower chamber of parliament), under the motto "Digitisation first. modernisation at all times".

The General Manager of Algerian Radio and Television spoke of a major government program to develop local radio. It includes the realisation of 400 [sic] mediumwave broadcast stations to cover all of the shadow zones through which Italian, Spanish and Moroccan radio stations are infiltrating. The national territory's broadcasting coverage will be extended and equipment installed in the sixties will be renewed. Digitisation is to be introduced, to replace the current analogue system. Source: Media Network, El Khabar via

http://www.southgatearc.org/news/august2006/algerian_radio.htm

Angola

Broadcast Electronics (BE) announced today that it has shipped to Rádio Nacional de Angola (RNA) a new 4MX 100 kW medium-wave transmitter, the first in the 4MX series at this power level. RNA purchased the transmitter as part of a contract specifying BE as the supplier for 10 kW, 25 kW, 50 kW and 100 kW medium-wave transmitters. Seratel, the BE representative in Spain, is supplying the transmitters for the state-run broadcaster, which operates 49 stations in Angola, Africa, including Canal A, Radio 5, Radio Ngola Yetu, Radio FM Stereo and Radio Luanda.

Azerbaijan

I was briefly in Baku earlier this week and can report that Radio Dada Gorgud is still on the air - just. I heard it at various times, including the sole daily English transmission at 1700 on both 1296 and 6111 (approx). The MW transmitter is now on-channel (ex 1295) but audio quality is poor and the signal was surprisingly weak. In the evening, it was suffering interference from the IBB

transmitter in Afghanistan. Signal strengths on 6111 were also poor, though that might be because I was in the skip zone. It is worth noting that the Dada Gorgud ID is still being used. The ID in English was "Radio Dada Gorgud, the Voice of Azerbaijan". Overall though, the poor signals and audio quality meant that station was not properly monitorable in its own capital city.

Some other Baku observations in brief: As per WRTH, 1296 also relays RFE at times, in parallel with 1530 (the latter much stronger in Baku). Of the other MW channels listed in WRTH, 549, 801 and 891 were heard (all in parallel) but there was no sign of listed Baku 612. The 801 transmitter carries Azeri Radio, not BBC as in WRTH (BBC is on 103.3 FM). *Chris Greenway via dxld yg (14/9-2006)*

China

Since 8.8.2006 there is a new Olympic Radio Channel on 900 kHz in Beijing on air. This is the first multi language service in China. The schedule is as follows (times in Beijing Local Time: (UTC+8)

English 00.00 - 07.00	Chinese 15.00 - 16.00
Chinese 07.00 - 09.00	German 16.00 - 18.00
Spanish 09.00 - 11.00	Japanese 18.00 - 20.00
French 11.00 - 13.00	Korean 20.00 - 22.00
Arabic 13.00 - 15.00	Russian 22.00 - 24.00

(Paul Gager, BDXC via DXLD)

Ethiopia

Harris Corporation today announced a turnkey radio transmission sale to Radio Ethiopia, a segment of the Ethiopian Radio and Television Agency (ERTA). Harris will deliver high-power AM transmitters to stations in Harar (3DX^(TM)-D100, 100 kW) and Mekele (DX[®]-D200, 200 kW) this fall through Technology Systems and Solutions, a Harris dealer representative based in Ethiopia. The transmitters, which are ready for DRM and HD Radio^(TM) conversion, will deliver a higher quality signal to a large part of the country --- highly important for a population that relies on radio for news and information in addition to entertainment. The new transmission system will dramatically improve the quality of AM radio transmissions throughout the country by the end of 2006. *(via Harris website)*

Europe-DRM

There are several DRM transmissions on MW. Here the stronger ones with more than 10kW:

693kHz Voice of Russia
1296kHz BBC WS
1440kHz RTL
1575kHz OldieStar Radio
1611kHz Radio Vatican

All DRM frequencies and times here: <http://www.drm-dx.de/> *(Friedrich Wuelfing via alt.radio.digital)*

France

At 10-09-2006 on 20:55 UTC I heard Radio France International on 702 kHz. Programm in France and the SINPO: 44444, slight co-channel interference from Truck Radio, Germany at 702 kHz Maby transmission from Col de la Madonne, Monte Carlo/France ?Nothing on the internet side www.rfi.fr of this outlet. *Ge Huijbens via emwg*

Germany

France / Germany: Evangeliums-Rundfunk has announced that they will stop their evening broadcast (21.30-22.00 h CET/CEST) on their traditional medium wave 1467 kHz at the end of October. With Mainflingen 1539 kHz using a new night antenna since April 2006, the religious

broadcaster says reception in their target area has improved and there is no need for the simulcast any more. Ending the evening broadcast will save them about 150000 Euro per year. The morning broadcast (5.45-6.15 h CET/CEST) from Roumoules which is not in parallel with Mainflingen will continue for the time being. Evangeliums-Rundfunk has been heard on 1467 kHz since 1966, first from Monaco, later from French soil. Ten years ago, they obtained a licence for medium wave broadcasts in German soil. During daytime the Mainflingen transmitters' main coverage is Hessen, during the dark hours in the morning and evening it reaches Central Europe. (Dr. Hansjoerg Biener, www.biener-media.de)

Greece

Voice of America's transmissions from Rhodes, Greece have stopped. The transmitter on 1260 kHz is currently used by Greek National Radio ERT, but only on local daytime. (ARC Information Desk via DXLD)

Israel

756 MW, R Mashriq (also rendered as Machrek, meaning East) was monitored by BBC Monitoring via internet audio on Fr Jul 28. The Arabic-language station is anti-Hezbollah but is generally measured in its tone. It was also heard to announce transmissions on 756 kHz MW which it is believed can be heard in the Lebanon/Israel border region. At 1200 there was an ID - idha`at almachrek - followed by a brief news bulletin and a 20-minute monologue... From 1224 to 1228 there was a commentary about Al-Manar TV, referred to several times as the TV of hot air and lies. There were also references to Hezb al-Shaitan (party of the devil) and links with Tehran and Syria, knocking a report that morning by a named Al-Manar TV correspondent from southern Lebanon. This commentary was repeated at 1313... The transcript of some of these commentaries... are posted on the website <http://www.almachrek.org> - click on Hassad and New Machrek links on the right of the page.

Similar stations have been heard before on 756 kHz in this region. In December 2000 a radio initially identified itself as "Experimental Radio from the Mediterranean Basin". When surveyed in October 2001, news and commentaries had a pro-Israel, anti-Syria and anti-Iraq slant. The radio criticized Palestinian and Hezbollah "terrorism" and dealt with Arab issues and Lebanese domestic politics. Other programmes contained Arab songs and modern Arab music. At that time the radio gave a website of carmelnews.org - a Washington-based pro-Israeli website, which now has a hyperlink to almachrek.org. The station was also reported to be on the air briefly in November 2004, according to the Islam Online website. The same frequency was previously used by Voice of the South - a radio station operated by the Israeli-backed South Lebanon Army since July 1985 from Kafr Killa in southern Lebanon. That station closed in May 2000 when the Israeli army withdrew from southern Lebanon. (BBC Monitoring research Jul 28, via Sennit in Media Network blog)

Latvia

UK-based satellite/Internet station Radio Caroline announces on its website that "from Thursday, 7th September listeners living in Latvia and its surrounding area will once again be able to tune to Caroline on mediumwave, when each Thursday evening between 9pm and midnight (2000-2300 UTC) Rob Leighton's Imagination programmes are relayed through the transmission facilities of Radio Nord. Radio Nord broadcasts to Latvia's capital city Riga, and boasts an audience of 100,000." The frequency is 945 kHz. (Radio Netherlands Media Network Weblog)

Monaco [non]

ERF/TWR reduces 1467 usage --- Evangeliums-Rundfunk, the German branch of Trans World Radio, will cancel the 2030-2100 (summer 1930-2000) transmission via Roumoules-1467 as of B06 but keep the 0445-0515 (summer 0345-0415) for whatever reason, stating that it will save them 150,000 Euros annually, see below.

Netherlands

Hans Knot reports: Dutch commercial broadcasting company **Quality Radio** has received an environmental licence from the municipality of Almere to anchor a radio ship in Pampushaven. A mediumwave transmitter for 1224 kHz is planned, but Quality Radio spokesman Ruud Poeze says there's enough space available in Pampushaven to put additional frequencies on the air. 1224 kHz is already being used by Quality Radio from a low power temporary transmitter in Utrecht. (Ed. note: However, the licence for 1224 kHz was officially withdrawn in July by the Radiocommunications Agency). Some time ago, Quality Radio reached agreement with the mast company Novec concerning the use of the 100 metre high mast in Heinenoord for 828 kHz. Work has already started on the transmitter building. At this site, too, additional frequencies can be used. (Ed. note: the licence for 828 kHz was also withdrawn in July). In Amsterdam, a transmitter for 1557 kHz was operating fully in accordance with the regulations. Quality Radio says the withdrawal of several of its frequencies, including 1557 kHz, by the Radiocommunications Agency was premature, especially given that the staff of the Agency in Groningen were fully aware of these developments. Andy Sennitt comments: Pampushaven was previously used for transmissions on 1224 kHz from the MV Communicator, which carried programmes of Q Radio and Q the Beat from 1998-2002. Quality Radio was awarded the licence for this frequency in 2003, for a 20 kW transmitter carrying Laser Radio, with oldies and tourist information. It's not clear what is currently planned for 1224 kHz. First, Quality Radio has to get its licences back. A court case is due to take place shortly at which Mr Poeze will appeal the decision of the Radiocommunications Agency. <http://blogs.rnw.nl/medianetwork/>

Dutch media site RadioVisie reports that **RTL** is developing its plans for DRM broadcasts from various countries, including the Netherlands. A number of frequencies have been requested: longwave 279 KHz for southern Germany (100 kW from Junglinster), 738 kHz for France (250 kW from Beid Weller), 1098 kHz for a Flemish service, and 567 kHz for the Netherlands (250 kW). The latter 2 transmitters, for Flanders and the Netherlands, would be at Cievaux in France. No launch date has been fixed for any of these services, as it will depend on when DRM receivers start appearing in the shops. (Source: RadioVisie.nl via Media Network weblog) I found details of these requests in DX Listening Digest 5-048 last March.

279 Junglinster 300 kW directional centered on 50
567 Clervaux 250 kW directional centered on 310
783 Clervaux 250 kW directional centered on 230
1098 Clervaux 250 kW directional centered on 300

They are requests and have to be coordinated with countries who have allocations for those frequencies, i.e. they could just say no on the grounds of interference caused to their existing or planned services. There was speculation that the 567 request went in because Ireland did not use that frequency for some months.

Dutch public broadcaster **Radio 747** will disappear from 4 September, to be replaced by **Radio 5**. But although it is reverting to its old name, everything else will be completely different. The network, which will operate on a smaller budget than its predecessor, nevertheless hopes to increase its market share from the present 1% to as much as 4% eventually.

The target group of the new Radio 5 is clear - the over 55's who still feel young at heart. It will really be two stations in one - on weekdays between 7 am and 6 pm (0500-1600 UTC) the station will offer news, information and light music. In the evenings, the programming will be 'reflective'. At weekends, the various religious programmes popular with the target group will continue to be aired at the same times as at present. *Radio Netherlands Media Network weblog*

Big L 1395 has returned to the air at 1415utc 19 September. After a few comments & rumours a few days previously Peter Vrakking visited Trintelhaven to check out the transmitter site; "I was pleased to see that the transmittersite is getting more and more equipment. There is now a fuel tank, a generator and a container. There are cables between the container and the generator and possible a cable between the container and the antenna tuner, so my guess is that the transmitter is in the container. I would say put a dish on it and fill her up and Big L is ready to go."



Nepal

Japan will extend up to 937 million yen in grant aid to Nepal to help the Asian country build shortwave and mediumwave radio networks, government officials said Wednesday. Nepal, which aims to make radio programs available to all its citizens in its efforts to rectify social inequality, plans to use the money to have mediumwave broadcasting reach 75 percent of its population, up from the current 48 percent. (*Jiji Press*)

Russia

A new Russian radio network, Radio Zvezda (Radio Star) is building up a nationwide network on FM and MW. It has a website at <http://tvzvezda.ru/radio/> They are already on the air in Moscow on 990 kHz. Furthermore, Victor Rutkovsky has forwarded the news about two new licenses for this station, for 1440 kHz in St Petersburg at 10 kW, and 729 kHz in Samara at 50 kW. Their address (from mediaatlas.ru) is Kolymazhny pereulok 14, Moscow 119019. *Eike Bierwirth, Germany, via DXing the Finnish Way (14/9-2006)*

Spain

From next October 2nd 2006 the local stations of RNE-R5TN will almost disappear from the air. It will only retain a 13 minutes news bulletin. From the regional HQ there will be only two 15 minutes outputs. The every hour regional and local bulletins will disappear. This is the schedule (UTC):

--Radio 5 - Todo Noticias--
 Mon-Fri: 05.45-06.00 REG //R1
 07.17-07.30 LOCAL R5TN
 17.45-18.00 REG R5TN
 Sat: 13.30-14.00 REG //R1
 Sun: 13.05-14.00 REG //R1

--Radio 1--
 Mon-Fri:05.45-06.00 REG //R5TN
 13.10-14.00 REG
 Sat and Sun: 13.05-14.00 REG

This was internally announced yesterday (Sep.11th) *M.Molano, Spain via emwg list*

Ukraine

Ukrainian National Radio has been broadcasting its Programme 3 - 'Radio Kultura', since 16.08.2006 (at least) on 1242 kHz (Oktyabrskiy, Krym, 50 kW). This frequency has been free from Ukraine from some time. (*Alexander Egorov, via "open dx" via http://finndxer.wordpress.com*)

THE HOME FRONT

[British & Irish News]
with John Williams

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

Commercial Radio News

Virgin Radio receive merger proposal

28 August, 2006

WITH SMG, owner of Virgin Radio, currently weighing up a merger offer from UTV and rumours that private equity groups are eyeing GCap, the UK radio sector looks set for one of its regular convulsions. This last happened 2005 with the creation of GCap from the £711m merger of Capital and GWR and the takeover of Scottish Radio Holdings by its larger listed rival, Emap. The £98.2m acquisition of the Wireless Group by UTV followed, but it has been largely quiet for the deal-makers in the radio sector since.

Now senior industry figures are predicting that a fresh round of consolidation may begin as the evolution of digital radio gathers pace and changing listener and advertising habits bring about a re-rating of the valuations of media companies in the City.

John Myers, boss of Guardian Media Group's radio division, says UTV's overtures for SMG have put the Glasgow Company firmly in the shop window. He believes this may lead to Virgin being sold if a deal goes through, although SMG's board of directors are still evaluating the offer. (<http://business.scotsman.com/index.cfm?id=1261942006>)

GCap advertising slumps

9 September, 2006

GCAP Media, the embattled radio group, could be at risk of breaching the conditions of its £76 million overdraft, forcing the company to cut its dividend for the second time in less than a year.

The warning came from Merrill Lynch, the investment bank, which concluded that the company behind Capital Radio is struggling as an already weak advertising market deteriorates further. In a research note, the bank predicts that GCap's advertising revenues will tumble by 9.5 per cent this year, leaving it with underlying earnings of £25 million, down from the £32 million previously expected.



Wilton Fry, analyst at Merrill Lynch, wrote in a circular that the company was “now likely to breach its banking covenants” and said “this may trigger a refinancing, in turn causing the dividend to be cut”. The analyst put a sell recommendation on the company's shares. GCap Media has endured a horrific period since the merger between Capital Radio and GWR Group that led to its creation in May 2005. It began life with a severe profit warning, and, in the months that followed, Capital lost its leadership in the lucrative London market where it trails both Emap's Magic and Chrysalis' Heart stations.

(www.thetimes.co.uk)

Virgin Radio delayed signals

18 September, 2006

Is your broadcast delayed? Virgin Radio is available on many different transmission platforms: due to the way these work, some of these are slightly delayed. Our internet feed, due to the way internet broadcasting works, is noticeably delayed - and if you have colleagues also listening to Virgin Radio online, chances are they'll get the signal at a slightly different time to you. This is beyond our control.

The exact delays, if you're interested, are: 105.8FM: as live; 1215AM: half a second delayed; SkyDigital: half a second; DAB Digital Radio: 1 second; Internet: typically 13 seconds, depending on your connection. There are three slightly different versions of our main Virgin Radio service,

containing different information and relevant commercials to the different audiences available on each platform.

Listeners in London get a London version of Virgin Radio ("FM"). Listeners on 1215AM and SkyDigital get a UK nationwide version ("AM"). Listeners on DAB, Freeview and the internet get our UK digital feed ("VD"). (via Steve Whitt)



Spectrum Radio Format change denied

14 September 2005

At its meeting on 14 September, Ofcom's Radio Licensing Committee (RLC) was asked to consider a Format change request submitted by Spectrum Radio, which serves the Greater London area on the AM waveband, to increase its Asian output from the permitted eight hours to a maximum of twelve hours a day. In return they proposed to increase the Format requirement to serve eight communities from the existing six. Spectrum Radio's proposals were published in full on Ofcom's website on 10 July 2006.

Under the requirements of section 106ZA of the 1990 Broadcast Act, a public consultation was held, lasting 42 days. There were two responses from the industry. Both submissions raised concerns that an increase in the provision of Asian programming would effectively change the nature of the service to an Asian station, with some minority programming. One of the submissions is available for viewing on the Ofcom website, the other submission is confidential.

Under the requirements of section 106(1A) of the 1990 Broadcasting Act, Ofcom may consent to a departure from the character of the licensed service if, and only if, it is satisfied that at least one of the following four criteria is satisfied:

1. that the departure would not substantially alter the character of the service;
2. that the departure would not narrow the range of programmes available by way of relevant independent radio services to persons living in the area or locality for which the service is licensed to be provided;
3. that, in the case of a local licence, the departure would be conducive to the maintenance or promotion of fair and effective competition in that area or locality; or
4. that, in the case of a local licence, there is evidence that, amongst persons living in that area or locality, there is a significant demand for, or significant support for, the change that would result from the departure.

After full and careful consideration the RLC decided to reject the Format change request. In reaching its decision the RLC found that:

- the proposed change would represent a substantial change to the character of service as it would allow Spectrum Radio to allocate 50% of its output to programming for the Asian community (section 106(1A)(a)).
- the proposed change would narrow the range of programmes available in the London area. There are already three AM services providing Asian programming to London on AM. The proposed change to the Spectrum Radio service would effectively provide a fourth and result in a reduction of hours available for other non-Asian communities currently served by Spectrum Radio (section 106(1A)(b)).
- insufficient evidence was provided by the applicant for Ofcom to make an assessment of Format change on competition grounds (section 106(1A)(c)).

- the submission from Spectrum Radio did not demonstrate demand or support for the Format change amongst persons living in Greater London (section 106(1A)(d)).

UK regulator considering going digital on MW

September 21st, 2006,

Julia Day MediaGuardian.co.uk

Ofcom is considering taking away Virgin Radio and TalkSport's AM radio licences in six years' time to use the spectrum for new digital radio stations.

Peter Davies, the media regulator's director of radio and multimedia, said three new national stations and a whole range of local stations could be squeezed out of the spectrum used by the two national AM services.

But his comments have provoked angry responses from both broadcasters. TalkSport said considering ditching AM broadcasts was "crazy" and "illogical" and Virgin said it would lobby for preferential treatment in the auction of the digital spectrum.

Both SMG's Virgin and UTV's TalkSport's licence are due for renewal in 2012 - after they were recently given a four-year extension. At that time, the licences will be auctioned by Ofcom.

But Mr Davies said that instead of simply auctioning the existing AM licences, Ofcom is looking at ditching the AM licences and converting the spectrum to "Digital Radio Mondiale".

DRM is an alternative digital radio standard to that already used by services such as BBC 6 Music, 1Xtra and Planet Rock in the UK, which is called Digital Audio Broadcasting, or DAB.

"Both licences are due for renewal in 2012 - possibly earlier, if they handed back their licences. These AM national licences could be reused for DRM," Mr Davies told a digital radio conference organised by the broadcast and transmission company WRN.

"You could get potentially two more national networks using a high-powered frequency and a range of local services [from TalkSport's licence]," he said. "With Virgin you could get a national frequency and a number of local services.

"When those licences are up for re-advertisement in 2012 they have to be auctioned off. There is no mechanism to allow the incumbent to hang on to them ... whether we auction them on a technology-neutral basis or not is something we will look at nearer the time.

"It is one of the possibilities that we are looking at, at the moment."

Scott Taunton, the managing director of UTV Radio, said the AM frequency was essential for his business and turning it off in 2012 would be "commercial suicide".

"Surely Ofcom is not thinking about turning TalkSport off. We have increase listening hours by 30% since 2000 on AM.

He said that until many more households and mass market cars have digital radios as standard, it is "pointless" to talk about turning AM off. Ofcom should set a analogue switch-off timetable first, said Mr Taunton, who thought 2020 was about the right time.

"I'll fight tooth and nail to have our licence extended even further, the public interest is best-served by an AM service being available until we have a date for switch-off. In 2012 more than half our audience will still be listening on AM, so to turn us off would be commercial suicide."

Mr Taunton added that the AM frequency may be more valuable to his speech station than to Virgin's music station. Music sounds worse than speech on the crackly AM signal and a much larger percentage of Virgin's listeners than TalkSport's have already have migrated to digital.

He floated the idea that TalkSport be allowed to keep its AM service past 2012, even if Virgin were happy to have its AM licence turned into DRM.

A spokesman for Virgin Radio said: "We believe, that having persevered with the AM signal, we should be given preferential treatment on the allocation of any DRM spectrum."

The media regulator believes DRM could be used to "fill in the gaps" in digital radio coverage reaching parts DAB of the UK that DAB radio does not reach, or that are not commercially attractive.

"DAB might not be enough by itself," said Mr Davies. "Some remote areas are not accessible by DAB, and for smaller stations DRM could complement [DAB]."

"It might be that there isn't any commercial interest beyond the areas we advertise [for DAB licences] in the next year or so. It might be that DRM could fill in the gaps," he said.

But he recognised the crucial element in the plan could be missing: that people may not have radio sets that can receive DRM by 2012. Only 15.3% of adults have a DAB set at home compared with over 70% of UK households which already have digital TV.

"But there is no point in auctioning DRM if there are no DRM sets available. It is a chicken-and-egg situation. By indicating now that there is a long-term plan to put services on those frequencies using DRM should encourage manufacturers [to produce DRM sets]. But we are only starting to talk about it now. It's early stages."

And he added that Ofcom is not in a position to announce a date for the switch-off of the analogue radio signal, mirroring the move that has been made in the television industry.

"We are not anywhere near analogue switch-off yet," he said.

He added that Ofcom will put out a consultation early next year that will "start to ask the question about if [analogue switch off] is a good idea".

<http://media.guardian.co.uk/radio/comment/0,,1876994,00.html>

RSL & LPAM News

Susy Radio 531 kHz broadcasting from Reigate Surrey was on air from 27 August – 23 September, 2006. The station has a web site www.susyradio.com. Their address is 54 Nutfield Road, Merstham, Surrey RH1 3ER telephone 01737 644259

Garrison Radio Edinburgh is now on FM only. The 1350 AM outlet has now closed. (Dave Kenny BDXC-UK)

Details of the football club's broadcasting their home games are as follows, (note that these dates are given by the Football DataCo Ltd. However changes can take place at short notice due to games being televised etc)

Football Club	Station	Oct fixtures	Nov fixtures
Crystal Palace	Palace Radio 1278 kHz	14 Cardiff 17 West Brom 28 Plymouth	11 Stoke 18 Barnsley

Blackburn	Radio Rovers 1404 kHz	21 Bolton	11 Man Utd 18 Tottenham
Manchester Utd	Manchester Utd Radio 1413 kHz	21 Liverpool	4 Portsmouth 25 Chelsea 29 Everton
Barnsley	Oakwell 1575 kHz	17 Plymouth 28* Coventry	4 Leeds 25 Ipswich 28* Southend

*Evening game.

Irish News

The Catholic Church has not yet said if it will be bidding for the new national AM licence. The selection process is expected to take six months with 25 October set as the closing date for applications. (Dave Kenny BDXC-UK)



When Choice FM returns for its second temporary run this weekend, the addition of a medium wave outlet will generate a lot of interest within radio circles. In addition to FM transmitters in Dublin, Cork, Galway & Limerick, the Choice

for AM listeners will be 1278 kHz transmitting from south-west Dublin and power will be in the region of 1kW.

"It was our choice to apply for an AM frequency for Choice and the BCI were co-operative about the idea," station boss Kevin Branigan told Radiowaves News. "Our rationale is that we believe that, in time, there could be an audience for MW broadcasts in Ireland if services were available on the band. We note that the BCI has four available channels in the Dublin area and that they have tried to licence AM in Ireland in recent years - only to have the licences handed back to them by inexperienced operators. We would like to show that, with commitment, MW radio can be provided in Dublin and would hope that this will prove that."

Choice FM is Ireland's easy listening radio station. We originally received a temporary 30-day broadcasting licence in Dublin, and broadcast over 15 weekends from August 6th and November 13th 2005. Our team was gathered from radio stations all over the country and features both 'old hands' and 'newbies' - all brimming with enthusiasm.

Thanks to the response from listeners throughout Dublin City & County, we have now received a second temporary licence from the Broadcasting Commission - this will enable us to broadcast to Dublin, Cork, Limerick and Galway over a ten-week period from September 8th. We are always interested in receiving reception reports from our various transmitters, particularly our MW transmitter. If you have received us and would like to notify us of your location, please email transmission@choicefm.ie. We will respond to your email!

Long Wave News

Press Statement - IOM Plc

11 August, 2006

"The Company has experienced several problems this year, mostly resulting from the previous delays encountered by the project. These have manifested themselves in further delays which have been explained to our regulator and which are now being resolved. One fundamental change currently underway is the strengthening and expansion of the team and our Board of Directors.

Rumours of resignations from the Board are inaccurate; specifically, the founder of the project, Paul Rusling, has not left the Company. The misunderstanding may be the result of a posting error.



For the avoidance of doubt, the Board has neither received nor accepted any resignations. Indeed, the converse is happening with the appointment of a Station Director / General Manager and a Finance Director. As it is a condition of our licence that Board changes be first notified to the regulator (the Communications Commission) and a matter of courtesy that these be approved by shareholders before making them public, a more detailed announcement will be made once compliance matters are duly completed.” (Issued by Rodney Collins on behalf of Isle of Man International Broadcasting plc)

IMIB is deliberately maintaining a low profile during the construction (of the transmission facility) stages and does not wish to issue progress bulletins until it is ready to broadcast. This is entirely for commercial reasons; primarily to avoid unnecessary dilution of the impact of our launch publicity campaign and secondarily to thwart 'spoiler' moves by our competitors. Good corporate governance also demands that announcements are initially made to our shareholders and the via the news services of any stock exchange where the Company's shares are listed.
(<http://www.iomib.com/news.html>)

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
540	OCR Radio Barcelona, News	222	02:10	31/8	FW
585	RNE 1 Madrid; ID, News	333	0159	1/9	FW
585	BBC R. Scotland, Dumfries, BBC World Service	222	0205	1/9	FW
585	FIP Paris -pops, Paris traffic report	544	1444	3/8	NH
630	BBC 3 Counties R., Luton - ID, discussion on bereavement	333	1450	3/8	NH
639	Cesky Rozhlas Praha Report	555	0159	14/8	FW
711	France I nfo, Rennes - FF OM-ID, news	555	1618	12/9	NH
757	Tullamore - II OM- Irish news in English	555	1610	12/9	NH
1080	SER Radio var., ID, News	444	0059	3/9	FW
1080	Onda Cero Toledo, Report	222	0110	3/9	FW
1080	Radio Racja, Koszecin, Poland, ID” R. Racyja” (in Belarus), News	444	1900	3/9	FW
1170	Radio Caposistria, Slovenia, in Italian ID and News	444	1940	4/9	FW
1170	Magic 1170, ID, Music	222	2315	4/9	FW
1170	Capital Gold, Portsmouth, ID, Ad., News	121	2320	4/9	FW
1170	R. Solvenja Int., ID, News, Popmusic	444	0159	5/9	FW
1170	Capital Gold 1170/1557, Portsmouth - discussion	333	1353	12/8	NH
1260	SER R. Murcia, Football Live (Northern Ireland – Spain)	222	2010	6/9	FW
1287	SER R. Castilla, Madrid, Football Live (Northern Ireland – Spain)	433	1955	6/9	FW
1296	RXL, Birmingham - ID, local news	433	1600	21/8	NH
1305	Capital Gold, Newport -local traffic news	533	1516	9/8	NH
1350	Radio Orien Nizza, Arabic, Talk	444	2015	6/9	FW
1368	Manx R., IOM - ID, local news	534	1900	3/8	NH
1404	France Info, Brest - FF OM, w/e events	433	1135	6/8	NH
1458	Sunrise R., London - ID, news	555	1100	4.8	NH
1458	R.Devon, Torquay - local news (in null)	545	1102	4/8	NH
1485	BBC Southern Counties, Brighton - ID, time,news	333	1600	16/8	NH
1521	Forest of Dean Radio Coleford ID	222	1115	4/8	NH
1530	Pulse Classic Gold, Huddersf., Ad. “West Yorkshire”, ID, News, music	333	0059	8/9	FW

kHz	Station, location; details heard etc	SIO	UTC	Date	Who
1530	Classic Hits 1530, Worcester, ID, Music from ABBA	222	0215	8/9	FW
1548	R.Bristol & Somerset Sound, Mangotsfield - int. with Yeovil Fans	555	1342	12/8	NH
1548	Capital Gold, London - ID, sports report (in null)	534	1345	12/8	NH
1602	Desi R., Southall - Indian songs OM	333	1507	4/9	NH
1602	R, Kent, Rusthill - BBC announcements, later ID (in null)	333	1510	4/9	NH

Many thanks to:

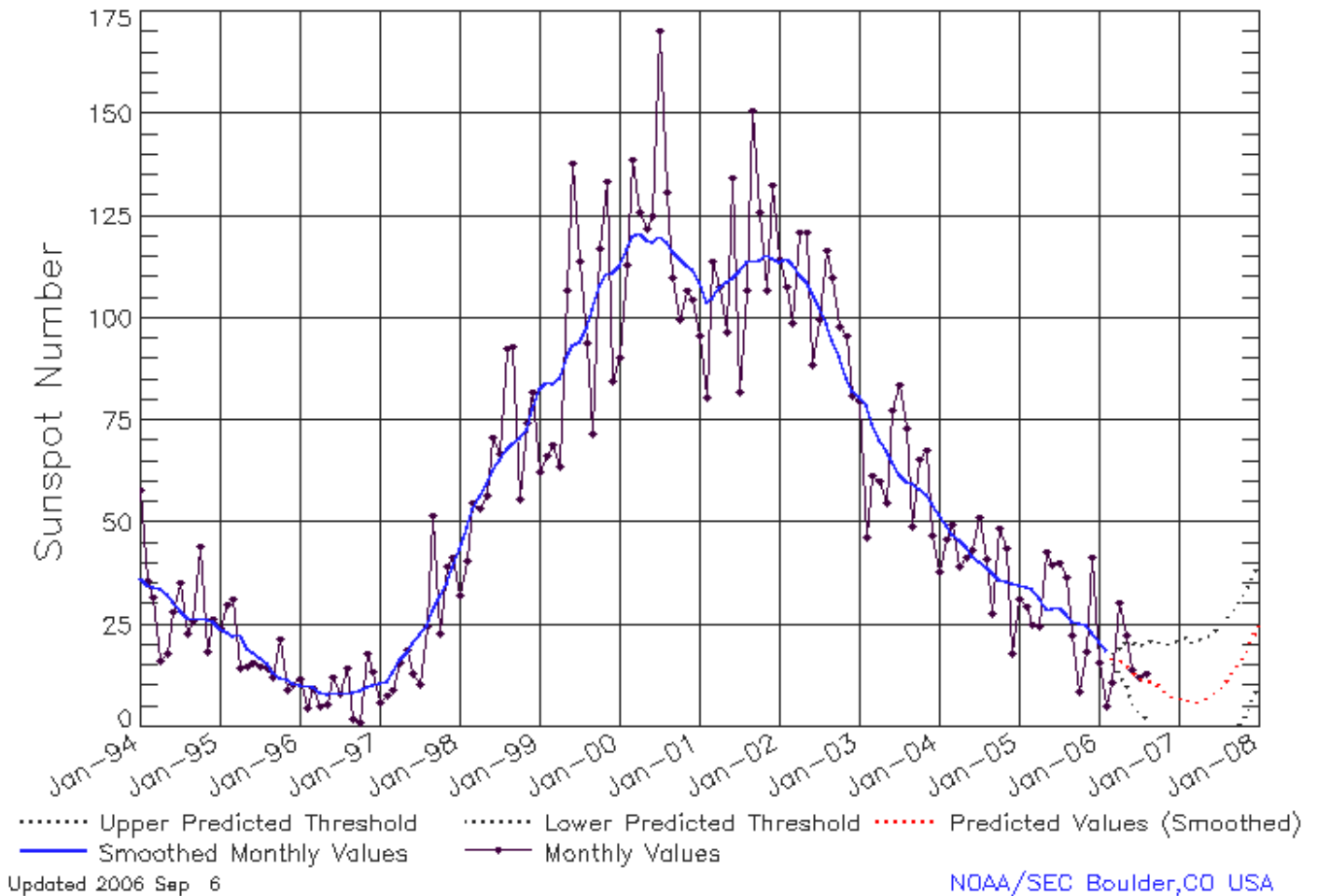
NH Norman Hixson, Poole Rx- Palstar R.30CC with 1 metre hexagonal loop

FW Friedhelm Wittlieb, Grundig Satellite 700, Martens-Fram Dortmund Germany

The **deadline** for the next issue is **25 October 2006**

73's John

ISES Solar Cycle Sunspot Number Progression
Data Through 31 Aug 06



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
530		RVCI, South Caicos; reference to New York, Radio Cristiana jingle then 'de Radio Visión Cristiana' ID	W	0506	1/9	AB
530		RVCI, South Caicos; SS events, ID	F/Gpks	0606	6/9	mah
531		RTA Alger, Algeria; news in Arabic	333	0205	30/8	FW
550	CHLN	Trois Rivières QC; FF talk/discussion; mention of Montréal	W	0610	15/9	PC
550	YVKE	Caracas; "Mundial YVKE" ID	W/F	0600	1/9	mah
550	UNID	SS talk; again 0541 10/9	W/F	0409	26/8	PC
550	UNID1	Live sports – I've never heard anything on this channel, but there was a second station on too (maybe WGR Buffalo)	P	0529	16/9	SW
550	UNID2	Mixing with sports I heard French talk which later sounded like P slow African accented Spanish	P	0529	16/9	SW
555	ZIZ	Basseterre, St.Kitts; trailer "Join ZIZ Radio on Thursday nights for Prime Talk. Prime Talk gets you...hear your views. Call us on 465 3555. Prime Talk, Thursday nights, on ZIZ Radio"	F	0535	9/9	AB
555	ZIZ	Basseterre, St Kitts (presumed); religious music	W	0538	10/9	JWe
555	ZIZ	Basseterre, St Kitts; programme promo "... from ZIZ each Monday evening from 8"; also F/G 0515 22/8	W/F	0556	12/9	mah
560	WGAN	Portland ME (pres); with George Noory's C2C talk	W	0553	13/9	Rha
560	CHVO	Spaniard's Bay NL; music and VOXM ID	W	0445	3/9	AB
560	CHVO	Spaniard's Bay NL; "5-90 VOXM" ID	W	0531	17/9	PC
560	YVRH	R Nacional, Cd. Guayana ; SS tlk, ID "Instituto Radio Nacional de Venezuela ..."; in CHVO fade; UK FIRST	W/Fpks	0510	24/8	mah
560	UNID	SS anns, sounding like "... del premier nacional de federismo ... Radio y Televisión, una vez más, del pueblo, es la"; need to investigate; mixing with radio play	Fpks	0506	21/8	mah
560	UNID	presumed Guyana with radio play // 1620, and 555 kHz, though no parallel noted on 3291.14 kHz, xd with SS language UNID	Wpks	0508	21/8	mah
580	CFRA	Ottawa ON (tent); phone talk discussion about gambling	Fpks	0526	16/9	SW
580	CFRA	Ottawa ON (pres); Rob McConnell with "X-Zone on the Talk Star Radio Network", as per sked	W	0450	17/9	PC
580	WKAQ	San Juan PR; SS discussion. Fast "WKAQ 5-80" IDs; recording: http://tinyurl.com/orpcj	F	0531	26/8	PC
585		Riyadh, Saudi Arabia; General Arabic Programme; news in Arabic	222	1902	31/8	FW
590	VOXM	St John's NL; "And now your VOXM 20-20 weather, brought to you by Tetley"	W	0550	20/8	mah
590	VOXM	St John's NL; // 740; music and ads	F	0415	3/9	AB
590	VOXM	St John's NL; VOXM trailers	F	0521	3/9	PC
590	VOXM	St Johns NL; easy country music // 710, 740 kHz	vG	0456	17/9	SW
590	LS9	R Continental; Buenos Aires; SS anns, "Continental – Información", and "Radio Continental"	F/G	0514	31/8	mah
600	CBNA	St Anthony NL; CBC Programme // others	F	0032	29/8	JF
600	CBNA	St Anthony NL; CBC Radio 1 ID at TOH then news	W	0500	12/9	AB
600	CBNA	St Anthony NL; BBC World Service // 1400 kHz	W	0529	16/9	PC

kHz	Callsign	Station, location; details heard etc	SIO	UTC	Date	Who
600	CBNA	St Anthony NL; less regular CBC outlet; // 1070, 1140 kHz	Fpk	0553	16/9	SW
600	CMKV	R Rebelde, Urbano Noris; SS ballads // 5025 kHz	W	0547	18/9	PC
610	WIOD	Miami FL; news, "Fox News Radio", "6-10 WIOD 24 hour traffic"	F/G	0602	19/8	mah
610	CHNC	New Carlisle QC; largely FF rock music	F/G	0523	17/8	PC
620	CKCM	Grand Falls NL; EZL // 590 kHz	F	0519	3/9	PC
620	CKCM	Grand Falls NL; country mx	Exc	0522	16/9	SW
620	CKCM	Grand Falls NL; not heard this for a while; VOICM IDs & country music	F	0105	23/9	JF
620	CM--	R Rebelde, 2 sites listed; SS anns, " www.radiorebelde.com.cu ", F/G Cuban mx; // 660, 890	F/G	0611	2/9	mah
630		RTT Tunis-Djedeida, Tunisia; report, Arabic music	333	1930	28/8	FW
640	CBN	St John's NL; CBC Programme // others	G	0032	29/8	JF
640	CBN	St John's NL; trailer for the Saturday morning "GO programme on CBC One and Two – find out more at CBC.ca"	G	0457	11/9	AB
640	CBN	St John's NL; Radio Australia // 1070 kHz	W/F	0536	15/9	PC
640	CBN	St John's NL; // 1070 kHz	Fpk	0522	16/9	SW
640	CFMJ	Richmond Hill ON; promo, IDs "AM 6-40 Toronto Radio"	F/G	0709	15/9	mah
640	CFMJ	Richmond Hill ON (pres); Coast to Coast AM over CBC	F	0549	17/9	SW
640		RFO, Point-à-Pitre, Guadeloupe; 0058 light songs, 0101 Caribbean accented FF anns, then into news and tlk in standard FF; also around 0200 with Fpks; "Radio Guadeloupe" ID in YL anns just before 0300; France Inter by 0355, now xf Canada; txn AB for checking the clip and confirming the ID	Fpks	0101	23/8	mah
650	WSM	Nashville TN; country music; "Nashville's Country Legend, 6-50 AM WSM"	W	0523	15/9	PC
650	CKGA	Gander NL; // 590 VOICM	F	0522	16/9	SW
650	CKGA	Gander NL; Newfoundland weather // 590 kHz	W/F	0549	18/9	PC
650	HJKH	Antena Dos, Bogotá; YL with info format & "Emisora Colombia" ID tag	W/F	0452	26/8	BD
660	WFAN	New York NY; sport report	222	0520	23/8	FW
660	WFAN	New York NY; plenty of sports talk	W	0405	10/9	JW
660	WFAN	New York NY; "listen to the only station for New York sports – all day, all night"; "1.25 on The Fan"	W/F	0525	15/9	PC
660	WFAN	New York NY; sports phone in show	W/F	0547	16/9	BD
670	WSCR	Chicago IL; "The Score on the Sox Radio Network"	W/F	0531	16/9	PC
670	WSCR	Chicago IL; sports talk & ID tag "The Score"	W/F	0551	16/9	BD
670	WSCR	Chicago IL; sports, Chicago ads, promo "... only on WSCR 6-70 The Score"	F/G	0624	16/9	mah
670	CM--	Radio Rebelde, 2 sites listed; end of news programme, names of producers etc, "Radio Rebelde" ID	F/G	0458	30/8	PC
670	CM--	R Rebelde, 2 sites listed; promos, SS IDs, including "Rebelde La Habana, emisora de la revolución"	G	0500	30/8	mah
680	WRKO	Boston MA; "6-80 WRKO is Boston's Talk Station"; also P 0600 29/8	Fpks	0434	11/9	mah
680	CFTR	Toronto ON; downtown Toronto weather forecast; "6-80 News time 8.23"	W/F	0023	14/8	PC
680	CFTR	Toronto ON; "... from Toronto's official traffic station All News Radio 6-80 News. 6-80 News time 1.24", news; also Fpks 0519 29/8	W/F	0524	12/9	mah

kHz	Callsign	Station, location; details heard etc	SIO	UTC	Date	Who
680	CFTR	Toronto ON; Canadian sports nx with "6-80 News time" ID tag	W/F	0545	13/9	BD
680	CFTR	Toronto ON; "All News Radio, 6-80 News" wx & traffic for Toronto	G	0540	17/9	SW
680	LV6	R Nihuil, Mendoza (presumed); SS anns, mentioning Mendoza	Fpk	0535	29/8	mah
680	YVQR	R Continente, Cumaná; lively LA mx, SS anns, ID as "Radio Continente 6-80 de la siempre"; tnx Jan-Erik Osterholm for clarifying the ID	P/F	0542	20/8	mah
680	UNID	Classical mx, occasional SS anns but no IDs; gave up on this after 0540 - another of the Argentinians?	Gpks	0520	29/8	mah
690	CINF	Montréal QC; FF tlk, coming on top of the QRM from time to time; FF ID "Info six quatre-vingts dix ... à Montréal"	Fpks	0514	13/9	mah
690	CINF	Montréal QC; FF talk with mentions of Canada	F	0532	16/9	PC
700		Radio Nacional, ???? Algeria; AA prayers	F	2245	25/8	BD
700	WLW	Cincinnati OH; news "The Seven Hundred WLW Weather" and "Seven Hundred WLW Newstime 1203" IDs	F	0403	19/8	JF
700	WLW	Cincinnati OH; nx from "News Radio 700 WLW"	W/F	0502	12/9	BD
700	WLW	Cincinnati OH; "700 WLW", promo for Open Road, ads	F	0525	12/9	mah
700	WLW	Cincinnati OH; "News Radio 700 WLW" and "WLW Newstime" heard through the QRM; later 'America's Trucking Network' phone-in programme.	W	0504	13/9	AB
700	WLW	Cincinnati OH; program trailer mentioning "700WLW" as part of email address (said very fast!)	F	0535	15/9	PC
700	ZYK686	Rádio Eldorado, São Paulo; (my spelling is approximate!) "informação, cultura e variedade, isto o Eldorado ???"	F	0120	20/8	PC
700	ZYK686	Rádio Eldorado São Paulo; YL with serious PP studio talk & mentions of "Edorado" IDs	W/F	0503	28/8	BD
710	WOR	New York NY; weak below another station but many mentions of WOR	W	0532	16/9	PC
710	WOR	New York NY; WOR came up out of the mush	W	0547	16/9	AB
710	WOR	New York NY; phone in talk show	F	0541	18/9	BD
710	CKVO	Clarenville NL; VOICM ID; Rebelde plus another English station interfering	F	0430	16/8	AB
710	CKVO	Clarenville NL; // 590 VOICM	F	0456	17/9	SW
710	CKVO	Clarenville NL; VOICM pop country	F	0538	18/9	BD
710	CKVO	Clarenville NL; song "you don't even know my name" // 590	W	0552	18/9	PC
710	CM--	Radio Rebelde, various locations; SS sport report // 5025 kHz; several mentions of 'Cuba'			18/9	PC
710	UNID	FF; heard music and the word 'Journal' pronounced as the French, behind CKVO; possibly CKVM?	W	0451	3/9	AB
720	CHTN	Charlottetown PE; "Ocean 100" promos	W	0250	2/9	mah
730	CKAC	Montréal, QC; FF talk, OM & YL, two IDs in about 10 seconds	W	0445	11/9	AB
730	CKAC	Montréal QC; FF talk with mention of Montréal	W/F	0539	15/9	PC
730		Inspirational 7-90, AM, Port of Spain, Trinidad (presumed); earnest Caribbean-accented YL with gospel style programming and lots of "Alleluyas"; mention of possible "Tobago in Demand" at 0528; only peaking occasionally and briefly above R Lider; hrd on and off until about 0623; in the noise at 0600	Fpks	0509	23/8	mah
730		Inspirational 7-90, AM, Port of Spain, Trinidad (presumed); YL with gospel "... Jesus Christ, and this is why we are here on this radio station every Wednesday and every Tuesday, not only	Fpks	0450	24/8	mah

kHz	Call sign	Station, location; details heard etc	SIO	UTC	Date	Who
		us, but ... Alleluiah! proclaiming the Word of God to you .."; phone-in at 0540 "... on the line is caller ...23 73 01 is the number to call ... phone numbers in Saint Paul in the group numbers...609 65 38, ... 677 695 ... 242 329, ... 23 73 21 ... good morning, you're on air, good morning"; hrd for much of the listening period between 0450 and 0726 , but didn't catch any IDs; generally under R Lider, but on top from time to time; need to do some investigation on the phone numbers!				
730	HJCU	R Lider, SF de Bogotá; SS tlk, news, LA music, heard from 0509 with lots of IDs; nice full ID at 0531 "Desde Bogotá, Colombia, transmite Radio Lider, el canal preferencial HJCU. Radio Lider, AM 730 kHz otra potente ??? de la Cadena Melodía de Colombia""; generally dominant	Fpks	0531	23/8	mah
730	UNID	SS tlk xd FF; SS ID sounding like "Cañon ocho sesenta"	Fpks	0619	12/9	mah
740	CHCM	Marystown NL; folk "VOCM" ID and news at 0430	F	0430	19/8	JWe
740	CHCM	Marystown NL; heard // 590 kHz	F	0505	3/9	AB
740	CHCM	Marystown NL; VOCM country mx & VOCM px promo	F	0517	6/9	BD
740	CHCM	Marystown NL; VOCM Satellite Weather	W/F	0533	16/9	PC
740	CHCM	Marystown NL; // 590 VOCM	F	0456	17/9	SW
740	ZYH446	Rádio Sociedade da Bahia, Salvador; "Rádio Sociedade" IDs	F/G	2300	17/8	PC
740	ZYH446	R Sociedade da Bahia, Salvador; clear ID after top of hour	F	2301	30/8	JF
750	CBGY	Bonavista Bay NL; Channel Africa, then ID/anns, "You are listening to CBC Radio Overnight" and BBC WS	W/F	0635	23/8	mah
750	CBGY	Bonavista Bay NL; CBC Programme // others	G	0032	29/8	JF
750	CBGY	Bonavista Bay NL; CBC // 1400 kHz	G	0529	15/9	PC
750	CBGY	Bonavista Bay NL; YL commentary in CBC // with 1070kHz	Wk	0416	16/9	AB
750	CBGY	Bonavista Bay NL; // 1070	Fpk	0459	16/9	SW
760	WJR	Detroit MI; "now back to (name) on Newstalk 7-60, WJR"	W/F	0056	14/8	PC
760	WJR	Detroit MI; just caught ID, then ad for children's multivitamin supplement, then "7-60 WJR" ID again.	G	0532	13/9	AB
760	WJR	Detroit MI; trucking adverts on the Midnight Hour	vG	0536	17/9	SW
760	ZYH588	Rádio Uirapuru, Fortaleza; / /webcast; news read by OM and YL	W	2231	28/8	PC
760	ZYH588	Rádio Uirapuru, Fortaleza; primarily talk; at 0036, mention of notícias, informação and Uirapuru.	W	0036	15/9	AB
760	HJAJ	RCN, Barranquilla; mentions of "Bogotá"; earlier At 0430 announcement "Para toda Colombia..." repeated a little later followed by other mentions of Colombia	F	0430	18/8	PC
770	WABC	New York NY (pres); Coast to Coast Show	F	0541	15/9	PC
780	WBBM	Chicago IL; "Traffic and weather together on the 8s every 10 minutes, on News Radio 7-80 WBBM"; audible on the 340 degree beverage, which nulls out CFDR very well, even though it was at very good strength on the 290 degree beverage	Wpks	0429	15/9	mah
780	WBBM	Chicago IL; Chicago roads report, "Traffic and weather together every 10 minutes, News Radio 7-80 WBBM"	F/G	0609	16/9	PC
780	CFDR	Dartmouth NS; "better country music all day long, at Classic Country 7-80 Kixx"	F	0415	2/9	PC
780	CFDR	Halifax NS; still playing country pops	W/F	0512	6/9	BD
780	CFDR	Dartmouth NS; "CFDR Classic Country"; mixing with traffic report from 2 nd station	F	0458	16/9	SW

kHz	Callsign	Station, location; details heard etc	SIO	UTC	Date	Who
780	YVMN	R Coro; LA mx, SS ID "... por Radio Coro 7-80 AM"	Fpks	0610	22/8	mah
780	YVMN	Radio Coro; music and "Radio Coro" ID	W	0533	27/8	PC
780	YVMN	Radio Coro; Latin rhythms, Coro 7-80 ID & TC	W	0525	28/8	BD
780	UNID	Under CFDR with a traffic report; probably WBBM	P	0458	16/9	SW
790	WAXY	South Miami FL; "You're listening to Fox Sports Radio on WAXY, South Miami. Sports Talk 790 The Ticket"	G	0500	1/9	AB
790	WAXY	South Miami FL; still has Fox Sports Radio	W	0514	5/9	BD
790	YVKC	Radio Venezuela, Caracas; bright Latin songs, ID "ding dong" & OM with "Radio Venezuela" ID	W	0601	15/9	BD
800	VOWR	St John's NL; "You've been listening to Music Of The Night here on VOWR, AM 800 on your radio dial". MOYL	G	0029	29/8	JF
800	VOWR	St John's NL; "10.30 here on VOWR"	W/F	0100	2/9	PC
800	VOWR	St John's NL; folk type music, ID between tracks "... on VOWR Radio the music continues ..."	W	0538	6/9	AB
800	VOWR	St John's NL; folk style mx & OM with VOWR calls	F	0555	17/9	BD
800	CKLW	Windsor ON; promos, ads, ID "Your home for Windsor's Spitfires hockey ...this is AM 800 CKLW, a Chum radio station. It's 2 o'clock", followed by BN; xf VOWR; also W/F 0640 16/9	Fpks	0600	11/9	mah
800	CKLW	Windsor ON; program trailer "...on AM 800 CKLW"	W/F	0539	16/9	PC
800	CKLW	Windsor ON (pres); Coast to Coast AM	P	0535	17/9	SW
800	CHRC	Québec QC; FF talk with mentions of Canada below VOWR and what sounded like C2C	W	0547	17/9	PC
800	PJB	TWR, Bonaire, Netherlands Antilles; "I'm so glad you tuned our way, here on 800 kHz, home of Trans World Radio Bonaire"	F	0328	22/8	JF
800	PJB	TWR, Bonaire; "We're so happy you tuned our way – the frequency is 800 kHz, the home of Trans World Radio Bonaire, Netherland Antilles". Following religious programme in SS with EE translations which finished with SS announcement	F	0230	2/9	PC
800	PJB	TWR Bonaire; usual religious programming, ID "We're so happy you tuned our way to a frequency of 800 kHz – the home of Trans World Radio Bonaire, Netherlands Antilles"	F	0328	2/9	mah
800	UNID	Coast to Coast Show. Chat with English man about UFOs. Same level as VOWR	F	0615	15/9	PC
820	CHAM	Hamilton ON; country mx – poor "The Legend" ID at 0727; xf talk	Fpks	0712	15/9	mah
820	CM--	R Reloj, 3 sites listed; usual SS rolling news etc, in the mix	Fpks	0453	25/8	mah
820		TBN, Charlestown, Nevis; ID "This is the Trinity Broadcasting Network" jingle	F	0331	22/8	JF
820		TBN, Charlestown, Nevis; "The views expressed in the preceding programme are not necessarily those of the Trinity Broadcasting network. If you wish to correspond with the programme, please contact Jay Sekulow at the American Centre of Law and Justice"	W	0430	22/8	AB
820		Trinity Broadcasting Network, Charlestown, Nevis (presumed); American religious programme	W/F	0533	16/9	JWe
820		TBN, Charlestown, Nevis; "Trinity Broadcasting Network" ID	W/F	0600	18/9	PC
820		TBN, Charlestown, Nevis; US religious studio talk	F	0550	20/9	BD
820	UNID	"BBC World Service" announcement (TBN?) (WNYC also	W	0532	18/9	PC

kHz	Call sign	Station, location; details heard etc	SIO	UTC	Date	Who
		carries BBCWS – mah)				
830	WCCO	Minneapolis MN; “Today’s 8-3-0 WCCO” and “WCCO Radio F News”	F	0634	16/9	mah
830	YVLT	R Sensación, Caracas; SS anns, TC, ID	W/Fpks	0521	5/9	mah
840	WHAS	Louisville KY; IDs, anns, jingle	Wpks	0433	15/9	mah
840	WHAS	Louisville KY; ads with lots of “dotcoms” then an ID “News Radio 84 WHAS”	Wk	0539	16/9	AB
840	CMHW	Doblevé, Santa Clara; SS ID “Esta es Doblevé Santa Clara en el centro de Cuba”; also Fpks 0602 5/9	W	0259	6/9	mah
840	LV9	R Salta; SS anns, mentioning “ www.radiosalta.com ”; Argentinian mx; very weak at 0601 “Radio Salta, Información – Noticias ...”; xd others	Fpks	0522	6/9	mah
860	CJBC	Toronto ON; FF ID “Ici Radio Canada, il est une heure. Vous êtes ... de la Première Chaîne, CJBC Toronto”	Fpks	0500	13/9	mah
860	CJBC	Toronto ON (pres); FF talk	G	0547	15/9	PC
860	CM--	R Reloj, 3 sites listed; usual px	W/Fpks	0446	13/9	mah
870	CMDT	R Reloj, Sancti Spiritus; SS rolling news, ticks, pips, IDs, “RR” in Morse; poor modulation, under WQBS	W	0631	23/8	mah
870	WWL	New Orleans LA; “.....on the home of Prep Football in South Louisiana, this is WWL”	F	0431	2/9	PC
870	WWL	New Orleans LA; “The Big One, now The Big Two. The Big 8-70 now on FM at 105-3. The Big Two WWL AM and FM”	F	0705	13/9	mah
870	WWL	New Orleans LA; full ID at half hour “This is 8-70 WWL New Orleans and One-o-five three WWL FM”	W	0530	15/9	JF
870	WQBS	San Juan PR; “La Gran Cadena QBS”	Fpks	0632	23/8	mah
880	WCBS	New York NY; news programme with “WCBS News Time” announcement	F	0414	18/8	AB
880	WCBS	New York NY; “WCBS Newstime 12:33” and WCBS correspondent report	F	0443	29/8	JF
880	WCBS	New York NY; ads, ID “At 8-80 on your AM dial and live on your computer at wcb880.com ...”	F/G	0545	29/8	mah
880	WCBS	New York NY; “WCBS News time, 12.05”	W/F	0405	2/9	PC
890	WLS	Chicago IL; same comedy clip as WZAN; then trailer for the Roe Conn show, followed by “only on Chicago’s talk station, 8-90 AM WLS”	F	0516	16/9	AB
890	WLS	Chicago IL; spots & OM with "Welcome to Chicago's talk station 8-90 AM WLS"	F	0535	16/9	BD
890	WLS	Chicago IL; “Chicago’s talk station 8-90 AM WLS”	W	0612	16/9	PC
890	WLS	Chicago IL; promo “9/11, a Look Back and Ahead, only on Chicago Talk Station 8-90 AM WLS”	Gpks	0635	16/9	mah
890	WAMG	Dedham MA; sports, ID “Mike and Mike in the Morning, only on 8-90 ESPN”; also W/F 0703 13/9	W/F	0641	31/8	mah
890	WAMG	Dedham MA; ads, PSAs, ID as “Mike and Mike in the Morning, only on 8-90 ESPN”	Gpks	0621	1/9	mah
890	WAMG	Dedham MA; ID “8-90 ESPN” and reference to Friday sport programme mentioning Boston	W	0538	13/9	AB
890	CM--	Radio Progreso, 2 sites listed; OM / YL studio talk with references to La Habana, Cuba & "viva la revolución"	F	0530	13/9	BD
890	CM--	Radio Progreso, 2 sites listed (tent); Latin music // 900 kHz	F	0514	3/9	PC
900	CMKP	Radio Progreso, San German (tent); Latin music // 890 kHz	F	0514	3/9	PC

kHz	Callsign	Station, location; details heard etc	SIO	UTC	Date	Who
900	YVMZ	R Venezuela, Maracaibo; SS promo/ID "... por Venezuela Mara G Ritmo 900, la primera radio del Zulia", TC	G	0442	18/8	mah
910	CMFA	R Cadena Agramonte, Camagüey; light mx, SS ID "Radio Cadena Agramonte las 24 horas del día ... en la madrugada"	Fpks	0624	4/9	mah
910	LR5	La Red, Buenos Aires (presumed); tango, SS anns "2 de la mañana 34 en la república Argentina"	W/F	0535	30/8	mah
910	YVRQ	RQ 910, Caracas; SS ID "La hora RQ 910 AM Center ... y 50 minutos ... RQ 910 AM Center"; light music; a personal first	Fpks	0451	4/9	mah
920	CFRY	Portage la Prairie MB; "CFRY forecast for Saturday", wx	W	0642	16/9	mah
920	CJCH	Halifax NS; talk show from the "Talk Zone Radio Network" & spots for Dartmouth/Halifax	W/F	0520	7/9	BD
920	CJCH	Halifax NS; advertisement for The Village Golf Shop, New Minas, NS, followed by short "CJCH" jingle.	G	0415	16/8	AB
920	CJCH	Halifax NS; "All oldies, all the time 92 CJCH is available on line on the world wide web at cjch.ca"; over UNID US station	Fpks	0704	12/9	mah
920	CJCH	Halifax NS; ads, music "You are listening to the greatest oldies of all time, 92 CJCH"	G	0532	17/9	SW
920	ZYH519	R Novo Tempo , Salvador; PP songs, ID "Rádio Novo Tempo, a voz de esperança"	W/F	0455	20/8	mah
930	WBEN	Buffalo NY; WBEN programme promo, ID & CBS News	W/F	0559	17/9	BD
930	CJYQ	St John's NL; R Newfoundland, talk	121	0412	10/8	FW
930	CJYQ	St John's NL; "You're listening to 930 AM CJYQ, St John's; Radio Newfoundland"	F/G	2330	28/8	PC
930	CJYQ	St Johns NL; Gaelic folk music and ID as Radio Newfoundland; + weather & ads	Fpk	2244	6/9	SW
930	CJYQ	St John's NL; usual folk mx	W/F	0601	17/9	BD
930	CX20	R Montecarlo, Montevideo; nice SS ID "Transmite CX20 Radio Montecarlo, Montevideo, república oriental del Uruguay"	F/Gpks	0540	21/8	mah
930	CX20	R Montecarlo, Montevideo; ID after news mixing UNID oldies, not CJYQ	W	0004	24/8	JF
930	UNID	Coast to Coast above CJYQ for a short spell	W/F	0550	15/9	PC
940	WINZ	Miami FL; Air America, "AM 9-40 South Florida's Progressive Talk"	W	0648	6/9	mah
940	CINW	Montreal QC; "You're listening to the New 9-40 Montreal ... CINW. We are broadcasting from the heart of ... Montreal, CINW ..."	vW	0700	6/9	mah
940	CINW	Montreal QC; C2C talk show	F/G	0522	17/9	BD
940	CINW	Montreal QC; "You're listening to Coast to Coast on the new 9-40 Montreal"	F	0530	17/9	PC
940	ZYJ453	Super Rádio Brasil, Rio de Janeiro; PP rlg px, station IDs "... Super Rádio Brasil 940 kHz Rio de Janeiro ...", more PP rlg	F/G	0522	30/8	mah
940	HJTL	RCN Cúcuta; SS tlk, anns, "RCN" IDs, jingle "... la radio de Colombia"; a new one for me	Fpks	0557	22/8	mah
950	CKNB	Campbellton, NB; weather forecast and then "95 CKNB" ID	W	0125	27/8	PC
950	CKNB	Campbellton NB; PSA warning of damaging to sight and hearing for construction workers, sponsored by "Pro Tec Services Inc., your roofing specialist. Call 753 5667" – a web search reveals this to be a business in Campbellton NB.	F	0500	6/9	AB
950	CHER	Sydney NS; "Classic Hits of the 60s, 70s and 80s. Max 9-50"	F	0139	14/8	PC

kHz	Callsign	Station, location; details heard etc	SIO	UTC	Date	Who
		mixing with CKNB				
950	CM--	R Reloj, 2 sites listed; usual SS rolling news, IDs, ticks, pips, "RR" in Morse code	W	0635	22/8	mah
950	CM--	Radio Reloj, 2 sites listed; "RR" Morse ID each minute; otherwise, no discernible audio	W	0120	27/8	PC
950	LR3	La 950, Buenos Aires; YL and OM reading news items in turn. Mention of 'Buenos Aires'. Then jingle followed by "La Nueve Cincuenta"	W/F	0203	27/8	PC
960	CHNS	Halifax NS; "Classic Rock, 89 9, Hal FM"	F	0424	29/8	PC
960	CM--	R Reloj, 4 sites listed; SS rolling news, IDs, pips etc	W/P	0443	18/8	mah
960	CM--	Radio Reloj, 4 sites listed; "RR" Morse ID heard. Nothing else!	W	0418	29/8	PC
960	CM--	Radio Reloj, 4 sites listed; SS rolling nx over ticking clock & "Radio Reloj" IDs	W/F	0543	19/9	BD
960	YV--	Radio Venezuela, Acarigua; bright Latin mx, electronic "pling plong" per previous 790 log & "Radio Venezuela" ID	W	0437	19/9	BD
970	WZAN	Portland ME; wx, "9-70 WZAN" IDs	F	0444	18/8	mah
970	WZAN	Portland ME; talk show, commercial break at 0444; "9-70 WZAN" ID	F	0444	29/8	JF
970	WZAN	Portland ME; CNN news, 30s comedy clip, ads, WZAN ID then the John and Jeff Show	Fpks	0507	29/8	AB
970	WZAN	Portland ME; "9-70 WZAN, exclusive ? weather" followed by forecast	F	0525	18/9	PC
970	WZAN	Portland ME; spots, programme promo "on 9-70 WZAN" & Open phone talk show	F	0529	20/9	BD
970	WDAY	Fargo ND; "Locally owned, and locally operated ... for local news WDAY Fargo Moorhead USA" and "WDAY News"	W/F	0630	16/9	mah
970	WSTX	Christiansted USVI; OM "Your tropical weather update on 9-70 WSTX"	F	0615	23/9	jw
970	LV2	Córdoba; SS anns, promos "LV2, una radio por ..."	W/F	0532	30/8	mah
980	ZYH707	RN Brasília; PP tk, ID "RN Brasilia con noticias"	W/F	2255	19/8	Rha
990	CBY	Corner Brook NL; Radio Australia // 1070 kHz	F	0652	15/9	PC
1000	WMVP	Chicago IL; ad for "oakbrooktoyota.com" at 0521, sports; promo "... weekdays at 3 on ESPN 1000" at 0530	Fpks	0530	12/9	mah
1000	WMVP	Chicago IL; "Get your ESPN 1000.....with the special code WMVP"	W/F	0546	16/9	PC
1000	KOMO	Seattle WA; "Komo 1000 News, first for local news, traffic and weather"; also Fpks 0613 15/9	Gpks	0524	16/9	mah
1000	KOMO	Seattle WA; rolling nx/info format & guy with "You're never more than 10 minutes away from komo 1,000 traffic"	W/F	0525	16/9	BD
1000	KOMO	Seattle WA; "Komo 1000 Newstime 10.34"	W	0534	16/9	PC
1000	XEOY	R Mil, México DF; song "México, México" and "Radio Mil" jingle ID, SS tk; at 0600 TS, TC "Es la una"; at 0605 "Buenas dias México ... Radio Mil" and another jingle ID; deep fades, xd a second SS station	Gpks	0524	15/9	mah
1000	WVWI	Charlotte Amalie, USVI; US ads hrd at 0553; poor over the toth with ad for American Satellite, then poor ID "... local news and ... right here on ... (jingle)", the jingle being that heard previously from this station; then CBS news; deep fade to 0606 when I think this was the one that returned with "The Old Rugged Cross", though this is not as per their schedule; tnx to	Fpks	0553	24/8	mah

kHz	Callsign	Station, location; details heard etc	SIO	UTC	Date	Who
		AB and Jan-Erik Osterholm for thoughts on this one				
1000	HJAQ	RCN Cartagena; SS anns, jingle "... La radio de Colombia" and "RCN" IDs	Fpks	0555	24/8	mah
1010	WINS	New York NY; "Wins news time, 12.18"	W/F	0418	26/8	PC
1010	WINS	New York NY; "WINS Newstime 8:38" and ads	F	0038	29/8	JF
1010	WINS	New York NY; YL mentions '10-10-WINS' amongst general noise, interference from 1008 and presumed CFRB	W	0452	29/8	AB
1010	WINS	New York NY; news mixed with CFRB; no ID	W/Fpks	0400	2/9	Rha
1010	WINS	New York NY (presumed); news items mention New York	W	0406	10/9	JW
1010	WINS	New York NY; 10-10 WINS, mixing with CFRB.	Fpks	0535	16/9	AB
1010	WINS	New York NY; ID traffic; call 877-466-10-10 to report traffic problems	G	0531	17/9	SW
1010	CFRB	Toronto ON; promo for "The Morning Show on Newstalk Ten Ten CFRB", ads	F	0434	29/8	JF
1010	CFRB	Toronto ON; "Newstalk 10-10 CFRB in Toronto"	G	0430	6/9	AB
1010	CFRB	Toronto ON; "...on newstalk 10-10 CFRB"	F	0535	9/9	PC
1010	CFRB	Toronto ON; Canadian talk show	F	0520	11/9	BD
1010	CFRB	Toronto ON (pres); discussing Saskatchewan; mixing with WINS	Fpks	2351	14/9	SW
1020	KDKA	Pittsburgh PA; short KDKA ID jingle; news/talk	W	0253	15/9	JF
1020	YVMX	R Continente, Maracaibo; "Continente" ID, LA mx	W/F	0526	31/8	mah
1030	WBZ	Boston MA; news talk & infos	W/Fpks	0350	19/8	Rha
1030	WBZ	Boston MA; weak, but heard a promo "On the line (?) 24 hours a day, the most listened-to station in New England... WBZ.."; the listenership claim is also stated on WBZ's web site	W	0200	17/9	AB
1030	LS10	R Del Plata, Buenos Aires; nx, commentary and tlk; ID "Buenos Companias" programa Jorge Martinez	W	0400	1/9	Rha
1030	HJER	RCN Antena Dos, Cali; SS anns "... Antena Dos", LA mx	W/F	0446	18/9	mah
1040	WHO	Des Moines IA; ID as "News Radio 10-40, WHO. Thanks for being right where you are, News Radio 10-40 WHO"	F	0433	16/9	AB
1040	WHO	Des Moines IA; "Never underestimate the power of information – get it here on News Radio 10-40 WHO"	F/G	0611	16/9	mah
1040	ZYK537	R Capital, São Paulo; Brazilian songs, PP "Capital" IDs and phone talk	W/Fpks	0420	5/9	mah
1050	WEPN	New York NY; baseball/football talk; later – ESPN trailers	F	0510	3/9	PC
1050	WEPN	New York NY; heard "... ESPN Radio, the Sports Talk of New York"; no doubt preceded by '10-50', but that was lost in noise	W	0454	5/9	AB
1050	WEPN	New York NY (pres); sports talk show	G	0454	17/9	SW
1050	CHUM	Toronto ON; mixing with WEPN - ESPN (pres); Lionel Ritchie among other 70s and 80s tunes. "Every morning here on 10-50 CHUM, you be sure of ...", then lost to interference.	Fpks	0140	17/9	AB
1060	WBIX	Natick MA; promos, "AM 10-60 WBIX"; also Fpks 0530 27/8	Fpks	0600	13/9	mah
1060	KYW	Philadelphia PA; "KYW ten-sixty AM, we're back with ..."; difficult copy in horrendous 1053 splash. Two north Americans present, both talkers. I think one was religious	W	0059	29/8	JF
1070	CFAX	Vancouver BC (tentative); ads, mention of Northern Lights event at the Pacific Centre, September 21-24 at 7 PM, and another with phone number 800-708-7917; needs more checks	W/Fpks	0541	16/9	mah
1070	CBA	Moncton NB; CBC programming // others	G	0348	19/8	JF
1070	CBA	Moncton NB; World service talk about medical care in Nepal	G	0411	26/8	PC

kHz	Callsign	Station, location; details heard etc	SIO	UTC	Date	Who
1070	CBA	Moncton NB; news programme with article about access changes to a cathedral (not sure which), // 1140 kHz	W	0508	9/9	AB
1070	CBA	Moncton NB; Radio Netherlands programme ending, "This is CBC Radio"	F/G	0458	10/9	JWe
1070	CBA	Moncton NB; CBC Overnight talk	F/G	0524	11/9	BD
1070	CBA	Moncton NB; best CBC signal around music & talk	Exc	2350	14/9	SW
1070	LR1	R El Mundo, Buenos Aires; "El Mundo" anns, SS tlk	W/Fpks	0408	1/9	Rha
1080	WTIC	Hartford CT; Coast to Coast Show; "WTIC.com" heard 10/9 0535	W	0509	3/9	PC
1080	WTIC	Hartford CT; "WTIC News Update", Hartford temperature etc	F	0430	5/9	mah
1080	WTIC	Hartford CT; channel normally dominated here by SER, Spain; at toh: "The only place where you can get local news twice an hour every hour, WTIC Newstalk 10-80 WTIC"	W	0600	17/9	AB
1090	KPTK	Seattle WA; "Seattle's Progressive Talk AM 10-90 – listen online at am1090seattle.com"	Fpks	0547	16/9	mah
1100	WTAM	Cleveland OH; news on WTAM 11hundred ID	W	0500	15/8	Rha
1100	WTAM	Cleveland OH; C2C followed by "Continuing coverage on Cleveland's only news radio, WTAM eleven hundred", then 'News Radio WTAM-1100', weather forecast and 'Your official weather station, News Radio WTAM 1100' all in the next twenty seconds!	W	0430	16/8	AB
1100	WTAM	Cleveland OH; ads, "News Radio WTAM 1100"; C2C	F	0435	15/9	mah
1100	WTAM	Cleveland OH; (Cleveland) Indians match report – then "News Radio WTAM 11 hundred"	F	0605	16/9	PC
1100	HJCN	Caracol, SF de Bogotá (presumed); SS rlgx px, I believe, then anns ending in "... en Bogotá Colombia"	Fpks	0451	18/9	mah
1110	WBT	Charlotte NC; "ads, "News Talk 11-10 WBT"	F	0435	2/9	mah
1110	WBT	Charlotte NC; Coast to Coast talk, promo & WBT ID	W/Fpks	0344	13/9	Rha
1110	WBT	Charlotte NC; weather, "Newstalk 11-10 WBT" ID after news, then "WBT Timesaver Traffic"	F	0305	15/9	JF
1120	KMOX	St Louis MO; several mentions of "KMOX" and "kmox.com"	W/F	0555	15/9	PC
1120	ZYK274	R Rural, Porto Alegre; Brazilian songs, OM/YL PP anns, "Rádio Rural" IDs	W/F	0551	3/9	mah
1130	KFAN	Minneapolis MN (presumed); ESPN Radio	Gpks	0525	16/9	mah
1130	WBBR	New York NY; business talk, "In Hong Kong, I'm Paul Gordon, Bloomberg Radio"	F/G	0412	26/8	PC
1130	WBBR	New York NY; business nx	W/F	0444	26/8	BD
1130	WBBR	New York NY; business news	W/F	0444	26/8	BD
1130	WBBR	New York NY; "Bloomberg Eleven-three-oh" ID's; usual business news	F	2316	12/9	JF
1130	WBBR	New York NY; business & Wall Street report	W/F	0450	13/9	Rha
1130	WBBR	New York NY; road news regarding delays of 30 min at the Harlem(?) Tunnel and construction work at the Lincoln Tunnel, then continuing financial reports with Bloomberg	F	0523	16/9	AB
1130	WBBR	New York NY; "Bloomberg 11-3-0" weather forecast	G	0606	17/9	SW
1130	WISN	Milwaukee WI (pres); Coast to Coast under WBBR. This is the only 1130 affiliate listed; second station below WBBR with sport – probably KFAN	W	0615	16/9	PC
1130	CKWX	Vancouver BC; "News 11-30 time 10.27; and here's the News 11-30 Business Report",	Gpks	0527	16/9	mah

kHz	Callsign	Station, location; details heard etc	SIO	UTC	Date	Who
1130	ZYJ460	Rádio Nacional, Rio de Janeiro; News and commentary // webcast	W	2235	22/8	PC
1130	ZYJ460	Rádio Nacional, Rio de Janeiro; PP "Voz do Brasil" nx & info // 11815 kHz	W	2238	25/8	BD
1130	ZYJ460	R Nacional, Rio de Janeiro; light songs, PP anns, IDs	Fpks	0532	18/9	mah
1130	UNID	WBBR off air; at times two SS stations but no IDs other than a single SS "1,130 AM" announcement at 0516	W/F	0516	27/8	PC
1140	CHRB	High River AB; country mx; ID at 0644 "Serving your community in southern Alberta AM 11-40", anns; deep fades	Fpks	0620	15/9	mah
1140	CBI	Sydney NS; CBC programming // others	G	0348	19/8	JF
1140	CBI	Sydney NS; CBC News & wx	W	0503	27/8	BD
1140	CBI	Sydney NS; // 1070 kHz	F	0508	9/9	AB
1140	CBI	Sydney NS; Radio Australia // 1070 kHz	F	0557	15/9	PC
1140	CBI	Sydney NS; // 1400 kHz	F	0511	17/9	SW
1140	HJDL	R Paisa, Medellín; SS anns, IDs	Wpks	0533	18/9	mah
1150	LT9	Santa Fé; SS ID "Desde Santa Fé, para todo el país, LT9"	F	0554	19/9	mah
1150	UNID	light music playing- I can't catch an ID!	W	0445	2/9	Rha
1160	WYLL	Chicago IL; three IDs! Religion. Personal first!	F	0411	19/8	JF
1160	WSKW	Skowhegan ME (presumed); talking about the New York Yankees; many ESPN IDs; sadly no local ID otherwise another personal first	F	0431	19/8	JF
1160	WSKW	Skowhegan NY (presumed); "ESPN Radio"; a real mix on channel, including EZL (WABY?), rlg (WYLL?) and PP rlg all cross-fading	Fpks	0539	14/9	mah
1160	HJOC	SF de Bogotá ; SS anns "Amigos esperamos en la Carrera 13 numero 46 72", which is the address listed in WRTH; tnk to Henrik Klemetz for correcting my mis-hearing of the announcement and for identifying the station	Fpk	0557	18/9	mah
1170		Radio Sawa, Al-Dhabbiya, UAE; Arabic music	222	2310	4/9	FW
1170	WWVA	Wheeling WV; safety announcement "If you go to work in a mining strike..." Then "Want more sports coverage? Then tune in Saturday mornings at 9 for the Sports Round Table with (3 names) only on The Big One 11-70 WWVA"; dominant on frequency	G	0534	9/9	PC
1170	WWVA	Wheeling WV; truckers ads, ID "News Radio 11-70 WWVA"	G	0555	15/9	mah
1180	WHAM	Rochester NY; news programme and announcement "News Radio 11-80 WHAM"; later "The Wham Home Repair Clinic, celebrating 18 years Saturday mornings 7 to 10 a.m. on Wham"	G	0452	15/9	AB
1180	WHAM	Rochester NY; wx, news "Rochester's only 24hour newsroom"	F	0530	17/9	SW
1180	WHAM	Rochester NY; "News, weather, traffic, sport it's the Wham 5 o'clock News Hour, weekdays at 5 on News Radio 11-80 WHAM"	F	0534	17/9	PC
1180	WHAM	Rochester NY; C2C talk show	W/F	0615	17/9	BD
1180	CM--	Radio Rebelde, 2 sites listed; YL talk and music (sounding like steel band) // 5025 kHz	F	0504	26/8	PC
1180	CM--	R Rebelde, 2 sites listed; ID and // 5025 kHz	F	0015	29/8	SW
1180	CM--	Radio Rebelde, Cuba (various sites); music with little talking; heard two nights, sometimes using "Radio Nacional", or "Nacional" apparently as an ID; also heard "Rebelde" and "Cubana"; thanks to Henrik Klemetz and mah for help with ID	F	0522	30/8	AB

kHz	Callsign	Station, location; details heard etc	SIO	UTC	Date	Who
		and ruling out RCN				
1180	CM--	Radio Rebelde, 2 sites listed; Cuban songs // 5025 kHz	W/F	0535	6/9	BD
1190	WLIB	New York NY; “24 hours of praise and inspiration 11-90 WLIB”	W/F	0720	15/9	mah
1190	LR9	Radio América, Buenos Aires; “Radio América, Información”	W/F	0202	21/8	PC
1190	LR9	Radio América, Buenos Aires; América Sinfo programme of classical music, followed on the half hour by announcement “Radio América Informa” then news	G	0530	1/9	AB
1200	WKOX	Framingham MA; talk px noted at 2256, in and out of the noise; Fpks “bostonprogressivetalk.com” and “AM 1200 and 14-30” at 2303 ; strength didn’t go down after 2300		2303	22/9	mah
1200	CFGO	Ottawa ON; “Sports Radio –Team 12 hundred”	F/G	0445	6/9	PC
1200	CFGO	Ottawa ON; sports talk basketball	W/F	0456	13/9	Rha
1200	CFGO	Ottawa ON; Sports News from Fox, announcement “Team Sports... Fox Sports Radio” followed by advertisements; among others these included the Ottawa Sports Gallery and the Focus Eye Centre on 724 3937 – a web search revealed this to be an Ottawa business	Gpks	0502	15/9	AB
1200	CFGO	Ottawa ON (pres); sports talk about the Jaguars – seemingly // 1650 kHz; probably Fox sports network	F	0512	16/9	SW
1200	HJNF	R Super, Cali; a couple of SS IDs noted in light mx	Fpks	0619	18/9	mah
1200	YVOZ	R Tiempo, Caracas; LA mx, SS ID “... por Radio Tiempo 1,200 AM, la una y 17 minutos”	W/F	0517	25/8	mah
1210	VOAR	Mount Pearl NL; “12-10 AM VOAR”, light mx	G	0456	31/8	mah
1210	VOAR	Mount Pearl NL (pres); religious talks px	W	0440	13/9	Rha
1250	YVPZ	Latina 12-50, Puerto Ordaz; “En Latina, 2 y 28 minutos”	vW	0629	23/8	mah
1250	HJCA	Capital Radio, SF de Bogotá; full SS ID “Esta es Capital Radio 1,250 AM HJCA Capital Radio, a servicio de nuestra gente”	W/F	0308	2/9	mah
1250	CJYE	Oakville ON (presumed); promo “... on your family friendly station”, light songs	W	0438	2/9	mah
1250	CJYE	Oakville, ON; Gentle Christian music “Your Family Friendly Station”	W/F	0534	17/9	PC
1250	HJCA	Capital Radio, Bogotá; commercial block, "Capital Radio 12-50" ID & Latin rhythms	W/F	0515	9/9	BD
1250	HJCA	Capital Radio, Bogotá; “en el fin de semana, Capital Radio por la major music para mucha gente” announcement over music; recording: http://tinyurl.com/gt78v	F	0530	10/9	PC
1250	HJCA	Capital R, SF de Bogotá; SS ID “Capital Radio”	F/G	0627	18/9	mah
1270	CJCB	Sydney NS (presumed); country favourites (with a particular preference for Shania Twain it seems!)	W	0500	30/8	JF
1270	LS11	Radio Provincia, La Plata; preview of football matches involving clubs from La Plata: “Estudiantes” (de la Plata) against “Belgrano de Córdoba”, “Gimnasia de La Plata” against “Colon de Santa Fé” and “River” (Plate) against “Argentinos Juniors” on “Provincia AM 12-70”	F	0527	27/8	PC
1280	WFAU	Gardiner ME; sports talk, usual 100 mph legal ID “Maine’s Sports Authority” mentioning station on “97-5” “12-80” and “14-50”	W	0100	26/8	PC
1280	WNAM	Neenah WI; “Music of your Life” slogan heard	W	0619	16/9	PC
1280	CFMB	Montréal QC; FF phone in show	W	0548	8/9	BD

kHz	Call sign	Station, location; details heard etc	SIO	UTC	Date	Who
1280	VSB2	Hamilton, Bermuda (presumed); religious talk and hymns, mixing WCMN	W	0455	23/8	JF
1280	VSB2	Hamilton, Bermuda; religious singing "This is BBN"	W	0450	30/8	JWe
1280	WCMN	Noti Uno, Arecibo PR "Notiuno" IDs; other stations calls and locations also read out	W	0403	30/8	JF
1290	WKBK	Keene NH; ID "You're listening to Keene's news station. AM 12-90 WKBK Keene"	W/F	0500	2/9	mah
1290	WDZY	Colonial Heights VA; "AM 12-90 Radio Disney" IDs; faded over the hour at 0400, so never got a full ID; probably still on daytime power	Fpks	0321	2/9	mah
1290	WDZY	Colonial Heights VA; Radio Disney programming ID "AM 12-90 WDZY Colonial Heights"		0559	23/9	jw
1290	CJBK	London ON; "You're listening to Coast to Coast AM on News Talk 12-90 CJBK"; in and out of the weak mix of stations on the channel; also Fpks 0530 11/9	W	0738	16/9	mah
1290	YVLF	Radio Puerto Cabello; "Radio Puerto Cabello en primer lugar"	F	0552	19/8	JWe
1290	YVLF	R Puerto Cabello; ID and Latin love songs	F	0336	22/8	JF
1290	YVLF	Radio Puerto Cabello; music, then "Radio Puerto Cabello, primer lugar de sintonia, 12 38 minutos"	F	0438	26/8	PC
1290	YVLF	Radio Puerto Cabello; MOR Latin rhythms & Puerto Cabello ID	W/F	0530	26/8	BD
1300	WOOD	Grand Rapids MI; ID "News Radio 1300 WOOD"; also P 0455 19/8	Fpks	0532	12/9	mah
1300	WOOD	Grand Rapids MI; "Fox News Radio" then "I'm John C Smith of the News Radio Wood 13-hundred news room"	F	0602	15/9	PC
1300	WERE	Cleveland OH; "You're listening to The Peoples Station, News Talk 1300 WERE AM Cleveland, a Radio One station" ; I think this was the one with ESPN Radio	Fpks	0600	14/9	mah
1300	ZYK525	Rádio Universo, Sao Bernardo do Campos SP (tentative); PP religious broadcast. Going on and on in same style until fade out just before 0600 ☺ Rec: http://tinyurl.com/gh6f5 Tnx to several DXers who listened to recording. Identified as a broadcast of IPDA Igreja Pentecostal Deus e Amor, (Pentecostal Church God is Love). Two Brazilians on 1300 run this programming with this station the most likely one.	F	0544	10/9	PC
1310	WLOB	Portland ME; Fox News, promos on "News Talk WLOB" and "96-3 and AM 13-10"; also Fpks 0630 10/9	W/Fpks	0606	25/8	mah
1310	WLOB	Portland ME (pres); promo & news talk, WLOB jingle	W	0338	13/9	Rha
1310	CIWW	Ottawa ON; pops, oldies "Oldies 13-10" ID; also W 0623 10/9	W/F	0651	13/9	mah
1310	YV--	Radio Nacional, more than one site; classical guitar followed by "información del pueblo venezolano"	W/F	0538	3/9	PC
1310	YV--	RN, 3 sites listed; SS anns, ID "Radio Nacional de Venezuela"	F/G	0407	5/9	mah
1310.02	YV--	Radio Nacional de Venezuela, 3 sites listed; OM/YL chat with mx interludes, Radio Nacional, RNV IDs & YVTO time signal station TC	F	0557	18/9	BD
1320	CKEC	New Glasgow NS; BN news report, ID; still slightly off frequency at 1320.02	W	0003	27/8	JF
1320	CKEC	New Glasgow NS; pop mx; sung jingle "13-20 CKEC"	F/G	0531	3/9	PC
1320	CKEC	New Glasgow NS; "CKEC weather watch"	P	2233	15/9	SW
1320.01	CKEC	New Glasgow NS; soft pops & YL with "Good morning,	F	0529	17/9	BD

kHz	Call sign	Station, location; details heard etc	SIO	UTC	Date	Who
		CKEC weather"				
1320	CJMR	Mississauga ON; "You're listening to CJMR 13-20 the voice of P ..."		0400	15/9	SW
1330	WRCA	Waltham MA; ID heard "WRCA Waltham" at the half hour.	W	0230	16/8	JF
1330	WRCA	Waltham MA; "...this is 13-30 WRCA" then FF talk; and at 0400, 0500	W	0301	9/9	PC
1330	WRCA	Waltham MA; ID and station contact details heard after piano music	W	0532	21/9	JF
1330	CJYM	Rosetown SK; wx, promo "... only on 13-30 12-10" and "Classic Hits 13-30 12-10"	F/G	0638	16/9	mah
1330	CB133	R Metropolitana; SS, light rlg mx, 0357 ID "Está en el dial Metropolitana 133 y en la frecuencia modulada"	W	0402	21/8	Rha
1330	UNID	Radio Visión Cristiana, several locations; I just caught part of usual ID at toth "... WVIP 13-10 AM Mount Kisco, 5-30 AM Caicos Island, British West Indies" RVC appears to have several transmitters on 1330 – WWRV (NJ) ; Dominican Republic; Ecuador (2)	W	0200	9/9	PC
1350	WOYK	York PA; "ESPN 13-50 and 1600 ... WOYK"; xf others	Fpks	0603	14/9	mah
1350	LS6	R Buenos Aires; SS anns, ID "Buenos Aires" and promo mentioning "www.radiobuenosaires.com.ar"	Fpks	0408	5/9	mah
1370	WDEA	Ellsworth ME (pres); with nostalgia	W	0513	16/8	Rha
1370	WDEA	Ellsworth ME; "The WDEA Red Sox Radio Network" ID; baseball game commentary	F	2320	12/9	JF
1370	WDEA	Ellsworth ME; "AM 13-70 WDEA"	F/G	2339	14/9	PC
1370	OAZ7J	R Santa Monica, Cusco ; OM full ID, Huaynos mx	F	0439	18/9	HP
1380	CKLC	Kingston ON; oldies out of the 50's & 60's , call number 613 54-1380 and ID "Kingston's home favorites 13-80 CKLC"	W	0500	16/8	Rha
1380	CKLC	Kingston ON; Captain & Tenille song, "all-time favourites, 13-80 CKLC"	W	0359	19/8	JF
1380	CKLC	Kingston ON; oldies "Classic all time favourites, 13-80 CKLC"	Fpks	0441	15/9	mah
1380	CB138	Radio Corporación, Santiago; standard announcement of all stations forming Radio Portales network	W	0359	28/8	PC
1380	CB138	R Nuevo Tiempo, via Corporación, full ID, pan flute mx; (I am G puzzled by your report, since R Nuevo Tiempo is listed as OCY4U from Lima – mah)	G	0407	3/9	HP
1380	CB138	R Corporación, Santiago; advert or promo mentioning Chile, then R Corporación ID; mixing YVNG	W	0400	22/8	JF
1380	YVNG	Ondas Del Mar, Puerto Cabello; ID and time check between Latin songs	W	0506	22/8	JF
1380	YVNG	Ondas del Mar, Puerto Cabello; LA mx, SS ID "Ondas del Mar, 13-80 la una, 38 minutos"	F/Gpks	0538	22/8	mah
1380	YVNG	Ondas del Mar, Puerto Cabello; "Ondas del Mar" ID under unid SS	W	0522	26/8	PC
1380	YVNG	Ondas del Mar, Puerto Cabello; OM with "Ondas del Mar en Puerto Cabello" ID & Latin songs	W	0520	9/9	BD
1390	WEGP	Presque Isle ME; talk	121	0215	20/8	FW
1390	WEGP	Presque Isle ME; ID, talks	W	0359	5/9	HP
1390	WEGP	Presque Isle ME; weather forecast followed by "This has been your up-to-the-minute weather from the talk of the county, WEGP 13-90"; first time heard since March	W	0530	7/9	AB

kHz	Callsign	Station, location; details heard etc	SIO	UTC	Date	Who
1390.01	WEGP	Presque Isle ME; still talking & USA network nx	W/F	0455	9/9	BD
1390	WEGP	Presque Isle ME; "This has been your up to the minute weather from the talk of the county, WEGP 13-90. Thanks for listening"	Fpks	0606	14/9	mah
1390	WEGP	Presque Isle ME; relaying WEEI Red Sox Radio Network with Presque Isle local ads inserted	F	2349	14/9	SW
1390	WFBL	Syracuse NY; "Talk Radio 13-90 WFBL"	W	0159	15/9	PC
1390	WFBL	Syracuse NY; furniture shop spot, programme promo "on WFBL" & talk show	W	0433	15/9	BD
1390	ZYI788	Rádio Jornal O Povo, Pesqueira; clear "Rádio Jornal" I; thanks to Jan Alvestad who transcribes: 'Na Rádio Jornal...uma voz de melhor ...', and mah who also verifies the recording	Fpks	0456	7/9	AB
1390	CB138	Radio Corporación, Santiago; "Radio Corporación de Chile" ID, followed a minute later by promo for their network station "en la novena región, Radio Portales de Collipulli, 15-80 AM"	F	0506	26/8	AB
1390	YVZA	R Fé y Alegría, Caracas; discos romanticos & "Fé y Alegría" ID	F	0533	8/6	BD
1390	YVZA	R Fé y Alegría, Caracas; "En Fé y Alegría, 2, 14 minutos"	F/G	0614	23/8	mah
1390	YVZA	Radio Fé y Alegría, Caracas; "en Fé y Alegría 9 31 minutos" (their clock was a little fast, I think).	W/F	0129	24/8	PC
1390	YVZA	R Fé y Alegría, Caracas; ID, tlk,	W	0429	18/9	HP
1390	UNID	Latin american stn giving ID as "Caire FM" any ideas?	W/F	0431	13/9	HP
1400	CBG	Gander NL; in nice and early before 2300 with CBC programme; ID and jingle at the top of the hour	W	2300	23/8	JF
1400	CBG	Gander NL; heard beneath Callao, with CBC ID, then later other news items	W	0502	31/8	AB
1400	CBG	Gander NL; end of As It Happens; ID as CBC Radio 1	Fpk	2258	6/9	SW
1400	CBG	Gander NL; aih@cbc.ca call 416-205-3331	vG	2228	15/9	SW
1400		Harbour Light of the Windwards, Carriacou; "The Wonderful World Hour" // webcast	W	2240	22/8	PC
1400		Harbour Light Of The Windwards, Carriacou; ID and BBC World Service News; first noted at 2230 – thanks to PC for the tip-off	W	2300	23/8	JF
1400	OBX4W	Callao Super Radio, Callao ; End of 'GoOolazo' programme, ad for Super Radio, then 'Himno del Callao' and 'Himno Nacional', then sign off; UK FIRST	G	0500	31/8	AB
1400	CX140	Radio Zorilla de San Martin, Tacuarembó ; local music non-stop with ID, unfortunately coming at a time when reception was poor; also R Zorilla jingle, and ID with address 45000 Tacuarembó; thanks to mah for verification	Gpks	0230	16/9	AB
1410	WPOP	Hartford CT; partial ID caught "... 14-10 AM on the web espnradio1410.com "	W/P	0500	31/8	mah
1410	WPOP	Hartford CT (pres); "Welcome back everybody with (2 names) on CBS Sportswide Fantasy Football Show on Westwood One"	W/F	0545	17/9	PC
1410	CFUN	Vancouver BC; "C-fun 14-10 AM, the home of ...", and "You're listening to Coast to Coast AM on C-fun 14-10 AM. Now, back to the show"	Gpks	0534	16/9	mah
1420	WBSM	New Bedford MA; "this is WBSM, New Bedford.....WBSM"	W	0400	15/9	PC
1420	CKDY	Digby NS; "AVR – today's best country"; dominating quite a mix on the channel, including YVNZ, R Disney and SNR; also	Fpks	0619	14/9	mah

kHz	Callsign	Station, location; details heard etc	SIO	UTC	Date	Who
		P 0525 2/9				
1420	YVNZ	R Marabina, Maracaibo; SS ID “En Marabina 14-20 ...”, TC	F	0613	23/8	mah
1420	YVNZ	Radio Marabina, Maracaibo; MOR Latin rhythms, "Marabina" IDS & TCs	W	0527	27/8	BD
1420	YVNZ	Radio Marabina, Maracaibo; ballads and “Marabina” ID	F/G	0532	27/8	PC
1420	YVNZ	R Marabina, Maracaibo; “Marabina” IDs between Latin pops; full toh ID at 0500	W	0430	13/9	JF
1420	UNID	Sporting News Radio. WDJ? Ref. December 2005 log. Topaz lists them with business news / Money Watch	W	0506	15/9	JF
1430	WNSW	Newark NJ; Asian px, EE ID at toth “You’re tuned to AM 14-30. AM 14-30 is WNSW Newark New York City, a multicultural radio broadcast station. WNSW”	Fpks	0500	11/9	mah
1430	WENE	Endicott NY (pres); baseball commentary, Seattle v NY Yankees	W/F	0421	26/8	PC
1430	WENE	Endicott NY; “Sports Radio 14-30 The Team”; + Fpk 0446 2/9	Fpks	0503	11/9	mah
1430	WENE	Endicott NY; still with Fox Sports	W	0531	11/9	BD
1430	CHKT	Toronto ON; Indian language	W/F	0553	16/9	PC
1430	WNEL	Caguas PR; “Noti Uno” IDs		0500	26/6	JF
1430	WNEL	Caguas PR; SS “NotiUno” ID	Wpk	0618	3/9	mah
1430	ZYJ200	R Clube Paranaense, Curitiba; heard reference to www.clubeb2.. (the ‘clubeb2’ was clear, but it then sounded like punto punto, not punto com punto br (.com.br) which is their address). Later heard ID “Rádio Clube Paranaense” and frequencies, although the latter were hard to decipher as the speed was so fast!	Fpks	0144	5/9	AB
1430	YVTP	R Bahía, Puerto la Cruz; ID “En Bahía con last 3, y 3 minutos”	W/F	0703	18/9	mah
1440	WJAE	Westbrook ME (pres); baseball report	W	0502	26/8	PC
1440	WJAE	Westbrook ME; “Sports Radio WJAB 14-40 and 95-5 FM”, Sporting News Radio; also F 0545 31/8	Fpks	0506	11/9	mah
1440	WVEI	Worcester MA; station promos, IDs “Sports Radio 8-50 WEEI” IDs, Sporting News Radio	Gpks	0506	2/9	mah
1450	WENJ	Atlantic City NJ; ESPN Radio, “ESPN 14-50 from Atlantic City 14-50 WENJ”	W	0603	2/9	mah
1450	WENJ	Atlantic City NJ; “....Sunday mornings at 11 on ESPN 14-50 WENJ.....WENJ 14-50 Atlantic City”		0000	17/9	PC
1450	WENJ	Atlantic City NJ; sport “ESPN Radio... WENJ” at 0540	W	0535	18/9	JWe
1450		Radio El Sol, Ciudad de Quilmes, Argentina; ID “Es Radio El Sol, la palabra, es lo que vale” Quite a surprise!	W	0042	13/9	AB
1460	WDDY	Albany NY; “AM 14-60 Radio Disney”	Fpks	0509	11/9	mah
1460	HJJW	Emisora Nuevo Continente, SF de Bogotá; SS ID, “Desde Santa Fé de Bogotá, Distrito Capital, Colombia, transmite Nuevo Continente HJJW Amplitud Modulada, 1460 kHz, Nuevo Continente”	F/G	0606	19/9	mah
1467.22		IRIB 1, Isfahan; trad flute songs, YL in Farsi mention Iran	F	0019	17/9	HP
1470	WWNN	Pompano Beach FL; briefly on top with partial legal ID	P	0200	1/9	SW
1470	WWNN	Pompano Beach FL; weak ID, tlk	G	0431	17/9	HP
1470	WWNN	Pompano Beach FL; advert in Delray, mention Palm Beach County; then ID as "AM 14-70 WNN"	fair	0516	23/9	SW
1470	WMBD	Peoria IL; Coast to Coast live, then an excerpt from ‘The In Crowd’ by the Ramsey Lewis Trio, then “get your finger on the	G	0329	20/8	AB

kHz	Callsign	Station, location; details heard etc	SIO	UTC	Date	Who
		pulse of Peoria all the time ... 14-70 WMBD”; thanks to mah and JF for verification				
1470	WLAM	Lewiston ME; “Live from the Rowe Aubrey (??) Studio this WLAM Lewiston-Auburn, 1470 ESPN Radio”	F/G	0200	17/8	PC
1470	WLAM	Lewiston ME; sports talk “ESPN Radio”	W/F	0437	23/8	JWe
1470	WLAM	Lewiston ME; Sports talk ; “Sports Radio...” Promo for ESPN	W	0258	5/9	JW
1470	WLAM	Lewiston ME; “ESPN-show”, dominant over YVSY	W/Fpks	0335	5/9	Rha
1470	WLAM	Lewiston ME; promo for ESPNradio.com"	W	0304	9/9	BD
1470	WLAM	Lewiston ME; legal ID and ESPN promos	Fpk	0500	12/9	SW
1470	WLAM	Lewiston ME; final results NFL, ID	W	0440	17/9	HP
1470	WNYY	Ithaca NY; promo, then weather forecast, then legal ID and into CNN news; also 0300 and 0500utc (very rare)	Fr pks	0200	23/9	SW
1470	OAU4B	CPN, Lima (presumed); promotion for church of Pare de Sufrir in Arequipa	F/G	0500	25/8	JWe
1470	OAU4B	CPN Radio, Lima; ID	F	2330	29/8	SW
1470	OAU4B	CPN Radio, Lima; more of the Pare de Sufrir religious transmissions mentioning “la sede nacional, Avenida Venezuela 681” (in Lima)	G	0520	3/9	AB
1470	OAU4B	CPN Radio, Lima; preacher with hum in Microphone; also 0423 3/9, G 0415 4/9	vG	0445	18/9	HP
1470	CX147	R Cristal del Uruguay, Las Piedras; familiar YL sung jingle	W	2319	23/8	JF
1470	CX147	R Cristal del Uruguay, Las Piedras; sung “Cristal” ID	W	2317	5/9	PC
1470	CX147	Radio Cristal del Uruguay, Las Piedras; familiar ‘Cristal’ jingle, followed by announcement of “La Hora Simulada”, part of the ‘Noches de Trópico’ programme, the latter announced as “noches de trópico, de trópico, de trópico”	Fpks	0130	6/9	AB
1470	YVSY	Radio Vibración, Carúpano; LA pops & "Radio Vibración" ID	W	0532	27/8	BD
1470	YVSY	R Vibración, Carúpano; “En Vibración. Es la hora, es la minuto.”	G	0500	9/9	AB
1480	WSAR	Fall River MA; Joey Reynolds, ID "The region's number one home for news and talk, 14-80 WSAR"	W/F	0530	19/8	mah
1480	WSAR	Fall River MA; “Fall River’s local news authority - 14-80 WSAR”	F	0500	22/8	PC
1480	WSAR	Fall River MA (presumed); with NFL sports	F	2323	12/9	JF
1480	WGVU	Kentwood MI; BBC World Service	W	0622	16/9	PC
1480	WMDD	Fajardo PR; basketball commentary from World Championships – Puerto Rico v China. Local ads with mentions of Fajardo. No “Tropical” ID heard. Fade out 0540; “...en Tropical, 14-80 0608 18/9	F	0515	22/8	PC
1480	WMDD	Fajardo PR (presumed); long adstring with many ads for Fajardo, but no IDs - got bored with this and moved on after 5 minutes	W/F	0519	22/8	mah
1480		Radio Buen Ayre, La Plata; trailer for motor racing and ID “AM 14-80 Red 92”	F	2320	30/8	PC
1490	WMBM	Miami Beach FL; light rlgx mx, YL/OM ID “... praise all day every day. Praise the Lord. With the station that ... Jesus Christ’s call ... AM ... WMBM Miami Beach Miami ... eastern broadcasting ...”; briefly on top of the mix	Wpks	0602	3/9	mah
1490	WMOG	Brunswick GA; ID “Hometown Radio 14-90 WMOG Brunswick”; this must have been the one with NOS, on top of	Wpks	0600	3/9	mah

kHz	Call sign	Station, location; details heard etc	SIO	UTC	Date	Who
		the mix briefly at the toth; UK FIRST				
1490	WBAE	Portland ME; "this is the Accu-weather forecast from 1400 and 14-90 The Bay"	Wpks	0503	14/9	mah
1490	WBAE	Portland ME; "AM 14 hundred and AM 14-90 The Bay" ID between nostalgic crooning	W	0021	23/9	JF
1490	WTKU	Pleasantville NJ; nx, ID "... turning on the new sound of Kool 98-3 ... dancing shoes and listen our Saturday night ... rock and roll on the new sound of Kool 98-3"; also Wpks 0420 3/9	W	0505	19/8	mah
1499.90	OBX4I	R Santa Rosa, Lima ; OM with Ave Maria prayer	F	0433	18/9	HP
1500	WFIF	Milford CT; closing anns, "WFIF Weather Update", "Thank you for listening to Life Changing Radio, WFIF Milford" DAYTIMER	W/Fpks	2259	21/9	mah
1500	WTWP	Washington DC; "The Jim Bohannon Show from Westwood one" with advertising clips and some sports info	W/F	0347	19/8	Rha
1500	WTWP	Washington DC; "The Washington Nationals Radio Network" Sports	W	0226	24/8	JF
1500	WTWP	Washington DC; "the new Washington Post Radio - 15 hundred AM, 107-7 FM"	F	0155	25/8	PC
1500	WTWP	Washington DC; round table discussion of Washington Post Radio on WTWP	W/F	0440	5/9	Rha
1500	WTWP	Washington DC; "Washington Post Radio" "107.7FM & 1500AM"	G	0542	16/9	SW
1500	ZYH487	Rádio Jacuípe, Riachão do Jacuípe, BA ; tnx to Rudolf Grimm in São Paulo for listening to my recording: "It is Rádio Jacuípe AM. In the middle of the file: 'Show da noite, Rádio Jacuípe AM'. After this, the announcer says 'olha ai, ... Jacuípe AM, de segunda a quinta-feira...' and more. Good and clear". Listed as 0.25 kW; recording: http://tinyurl.com/fxbuj ; UK FIRST	W/F	2329	23/8	PC
1500	YVRZ	R Dos Mil, Cumaná; ID in station promo	W	0122	24/8	JF
1500	YVRZ	R Dos Mil, Cumaná; LA mx, SS ID "En Dos Mil, las 2 y 14 minutos"	F/G	0614	19/9	mah
1510	WWZN	Boston MA; "Sports Recapture on Boston's Sports Station, 15-10 The Zone" – I think a rebroadcast because they gave the time as "ten to seven"	G	0317	19/8	AB
1510	WWZN	Boston MA; with "The Zone" sports anns	S	0342	19/8	Rha
1510	WWZN	Boston MA; "This is Sporting News Radio, 15-10, The Zone"	F/G	0406	26/8	PC
1510	WWZN	Boston MA; Ads, promo then ID "Boston's sports station 15-10 The Zone"	F	0159	1/9	JW
1510	WWZN	Boston MA; start of live motor racing complete with prayer and vG then national anthem performed by Bared Naked Ladies!		2337	9/9	SW
1510.01	WWZN	Boston MA; "Sporting News Radio" jingle & sports talk	F	0525	14/9	BD
1510	WWZN	Boston MA Zone ID, live sport coverage	W	0445	17/9	HP
1510	WLAC	Nashville TN; "News Radio 15-10 WLAC, Nashville's ..." under WWZN	Fpks	0600	12/9	mah
1510	KGA	Seattle WA; "The Big Talker 15-10 KGA"	Gpks	0530	16/9	mah
1510	HD2	Instituto Oceanográfico de la Armada, Guayaquil; weak time signals	W	0429	17/9	HP
1520	WWKB	Buffalo NY; "rabitting on" talk show & CNN News	W	0450	25/9	BD
1520	WWKB	Buffalo NY; programme trailer for health programme, then	vG	0333	19/8	AB

kHz	Call sign	Station, location; details heard etc	SIO	UTC	Date	Who
		"here on KB 15-20 AM"				
1520	WWKB	Buffalo NY; "Buffalo's Left Channel" ID	F	0520	26/8	PC
1520	WWKB	Buffalo NY; legal ID then CNN radio news	vG	2359	14/9	SW
1520	WWKB	Buffalo NY; "This is Buffalo's Left Channel, AM 15-20 WWKB Buffalo"; CNN Radio news	vG	0300	15/9	JF
1520	WWKB	Buffalo NY; talk show, ID	W	0435	17/9	HP
1521		CRI, Xijang, China; ID and interval signal equal with Saudi Arabia	F	1900	16/9	SW
1530	KFBK	Sacramento CA ; California ads, weak promo for the "KFBK Outdoor Show"; another ID "..."; under/over UK stations; personal first	Fpks	0557	16/9	mah
1530	UNID	Religious dialogue. Southern US accents. 2 nd person limited to "Amen" and "uh-uhs". Same again 0555 16/9. WCKY is now sport, but does run Paid Programming overnight.	F	0541	9/9	PC
1540	WDCD	Albany NY (pres); Christian songs & gospels	W	0410	2/9	Rha
1540	WDCD	Albany NY; "Life 15-40 WDCD" ID	F/G	0530	3/9	PC
1540	WDCD	Albany NY; OM/YL with religious studio talk	W	0548	8/9	BD
1540	WDCD	Albany NY; legal ID and 8 o'clock timecheck	Fpk	0000	9/9	SW
1540	WNWR	Philadelphia PA; "Good evening, you're listening to New World Radio", and SSB heard under R Bahamas, which was F	Wpks	2314	21/9	mah
1540	WNWR	Philadelphia PA (presumed); Star Spangled Banner; mixing with probable Bahamas DAYTIMER	Wk pk	2314	22/9	SW
1540	CHIN	Toronto ON (pres); Italian language programme	W/F	0607	15/9	PC
1540	CHIN	Toronto ON (presumed); with back to back Spanish ballads; fits their schedule. Also heard with Chinese talk at 2351 on 14/9	G	0519	17/9	SW
1540	ZNS1	R Bahamas, Nassau; lengthy discussion (religion?), ID and address; difficult copy	W	0109	23/8	JF
1540	ZNS1	Nassau, Bahamas; "This is AM 15-40 the national voice of the Bahamas" and "AM 15-40 in Nassau" liners between easy listening music	G	0155	31/8	SW
1540	ZNS1	Nassau, Bahamas; phone-in programme with number 1-242 400 8255 (Bahamas area code) with commercials for Bahamas businesses. The phone-in presenter asked "We're sending all this money to Nassau, but what are we getting in return?"	W/Fpks	0448	12/9	AB
1550		RASD Tindouf, Algeria; returned here from 700 kHz around 10 th September; // 7460 kHz	Huge	2345	14/9	SW
1550	CBE	Windsor ON; "You are listening to CBC Radio 1" and then "CBC Radio Overnight" with Radio Netherlands	W/F	0505	13/9	mah
1550	CBE	Windsor ON; Radio Netherlands // 1070 kHz	W/F	0558	16/9	PC
1550	CBE	Windsor ON; // 1070 & 1140 rarely heard	W	0518	17/9	SW
1560	WQEW	New York NY; "Radio Disney"	F	0422	26/8	PC
1560	WQEW	New York; pops "Radio Disney"	F	0415	8/9	JWe
1560	WQEW	New York NY; Radio Disney pops & promo's	F	0540	11/9	BD
1560	WQEW	New York NY; sudden good peak of Disney programming	Gpk	0518	17/9	SW
1566		AIR, Nagpur, India; nice traditional sitar mx, ID, heard till 0030	F/G	2340	16/9	HP
1570	WECU	Winterville NC; light rlg songs, ID at 0503 "... and you're listening to The ?? ?? WECU 15-70 on the AM dial"	W/F	0459	18/8	mah
1570	CFAV	Laval QC; EE and FF light songs; "Boomer AM 15-70" ID at 0644	Gpks	0628	13/9	mah

kHz	Callsign	Station, location; details heard etc	SIO	UTC	Date	Who
1580	CKDO	Oshawa ON; "at 107.7 FM and 15-80 AM this is Oshawa's Oldies CKDO"; recording http://tinyurl.com/jooqa	G	0100	14/8	PC
1580	CKDO	Oshawa ON; oldies, frequent short jingle IDs as "CKDO" (not "... radio" as I'd previously reported)	F/Gpks	0452	19/8	mah
1580	UNID	Colombian; SS rlg's tlk; light EE rlg's song, then Colombian NA at 0500; xf another SS language station, which I believe was Venezuelan	Fpks	0448	22/8	mah
1580	UNID	Venezuelan; SS anns, sounding like a list of network stations "... cuarenta AM, en Nueva Esparta, mil sesenta AM "; probably more there, just need to spend more time on the clip and do a little investigation	W/P	0503	22/8	mah
1580	UNID	Colombian; SS tlk at 0456, NA again at 0459, but not as good as yesterday; xd others	Fpks	1456	23/8	mah
1590	WAKR	Akron OH; "This is WAKR 60 seconds"	W	0605	17/9	PC
1590	XEVOZ	Radio Tráfico 1590 AM, México DF; "Radio Tráfico 15-90" repeated several times; recording http://tinyurl.com/fmjle	F	0522	9/9	PC
1600	WMNE	Riviera Beach FL; Radio Disney ID // 1560 WQEW	W	0548	3/9	PC
1600	WMNE	Riviera Beach FL (presumed); R Disney IDs, promos; xf sports	W	0630	19/9	mah
1600	WUNR	Brookline MA; "This is WUNR Brookline"	W	0540	18/8	mah
1600	WUNR	Brookline MA; In Spanish "WUNR.....1,600 AM"	F	0407	26/8	PC
1610	CJWI	Montréal QC; close down announcement mentioning CPAM-Radio Union.com. Identifying itself as "16-10 AM" Recording: http://tinyurl.com/zg3g6	F	0401	10/9	PC
1610		Caribbean Beacon, Anguilla (pres); US Bible talk	W/F	0414	26/8	PC
1610		Radio Guaviyú, Buenos Aires; "Radio Guaviyú" ID three times in a few seconds	W	2312	11/9	PC
1620	WTAW	College Station TX (pres); Texas A&M college football commentary	F	0052	10/9	PC
1620	WDHP	Frederiksted, USVI; nice full ID "You are listening to WDHP 16-20 AM in the United States Virgin Islands"; then BBC WS	F/G	0500	21/8	mah
1620	WDHP	Frederiksted, USVI; broadcast of debate from the Senate of the US Virgin Islands. Confirmed by checking named senators with current membership of USVI Senate.	W/F	2345	22/8	PC
1620	WDHP	Frederiksted, USVI; YL "You are listening to WDHP"	F	0400	24/8	AB
1620	WDHP	Frederiksted, USVI; BBC W/S sports report	F	0428	26/8	BD
1620	WDHP	Frederiksted, USVI; BBC W/S sports report	F	0428	26/8	BD
1620	WDHP	Frederiksted, USVI (pres); BBC WS news in // with 648kHz	Fpk	2300	6/9	SW
1630	KCJJ	Iowa City IA; very weak announcement, KCJJ, Iowa just before the news; after news, constant pops; thanks to mah and JF for verification	W	0400	20/8	AB
1630	KCJJ	Iowa City IA (pres); with news report on incident and statement from Davenport police. Mixing with 2 nd station giving weather forecast	F	0502	17/9	SW
1630	KKGM	Fort Wort, TX; "AM 16-30 KKGM" ID	W	0234	10/9	PC
1630	UNID	Mixing KCJJ with weather forecast predicting highs in the 80s so looking at weather map I presume this was KKGM in Texas	P	0502	17/9	SW
1640	WTNI	Biloxi MS; "If it's important to you, it's important to us. Talk Radio 1640, WTNI, Biloxi. A ? media station, ?? broadcasting"	F	0400	24/8	AB
1640	WTNI	Biloxi MS; "Talk Radio 16-40 WTNI, Biloxi – the Mississippi call for talk, news information and sport – a Mississippi Media	F/G	0228	15/9	PC

kHz	Call sign	Station, location; details heard etc	SIO	UTC	Date	Who
		Station". Recording: http://tinyurl.com/kgpgq				
1640	WSKH	Sussex WI; Radio Disney programme // 1560 kHz	W	0352	19/8	JF
1650	KWHN	Fort Smith AR; C2C AM-talk; no signal from WHKT	W/F	0350	16/8	Rha
1650	KWHN	Fort Smith AR; ABC news ending, then "This is News Talk 16-50 KWHN" followed by weather, which was expected to be rather good with a high tomorrow of 85!	W	0434	9/9	AB
1650	KWHN	Fort Smith AR; "...on Newstalk 16-50 KWHN"	W	0433	12/9	PC
1650	KDNZ	Cedar Falls IA (tentative); sports sounded as if Fox Sports & // Fpks 1200; difficult to check // since stations were alternately fading in and out!		0512	16/9	SW
1650	WHKT	Portsmouth VA (pres); R Disney ID	W			SW
1650	WHKT	Portsmouth VA; Radio Disney // 1560 kHz	W/F	0425	26/8	PC
1650	WHKT	Portsmouth VA; with R Disney pomusic	W/F	0344	13/9	Rha
1650	WHKT	Portsmouth VA; pops "Radio Disney"	W/F	0455	18/9	JWe
1650	WHKT	Portsmouth VA; Radio Disney pops	W	0513	18/9	BD
1660	WCNZ	Marco Island FL; "Relevant Radio 14-10 and 16-60 AM Community Calendar, keeping you up to date about what's happening in the Diocese of Venice"	G	0320	19/8	AB
1660	WCNZ	Marco Island FL; "Relevant Radio 14-10 and 16-60 AM". A big signal - I suspect someone forgot to turn down the power from 10 to 1kW	vG	0421	23/8	PC
1660	WCNZ	Marco Island FL; "Relevant Radio" religious phone in show	W	0435	26/8	BD
1660	WCNZ	Marco Island FL; religious phone-in then "Relevant Radio News" at 0430	F/G	0421	8/9	JWe
1660	WCNZ	Marco FL; Relevant Radio; legal ID "WMYR Fort Myers, WCNZ Marco Island, Florida"	F	0100	10/9	SW
1660	WWRU	Jersey City NJ; Korean tlk	121	0305	2/9	FW
1660	WWRU	Jersey City NJ; OM fast Korean talk	W	0419	18/9	HP
1660	WGIT	Canóvanas PR; bright Latin rhythms & SS announcements	W	0438	26/8	BD
1660	WGIT	Canóvanas PR; bright Latin rhythms & SS announcements	W	0438	26/8	BD
1660	WGIT	Canóvanas PR ; SS "La Gigante" anns, phone-in tlk	W/Fpks	0340	1/9	Rha
1660	WGIT	Canóvanas PR; "WGIT 1660 AM, La Gigante, Canóvanas, Carolina ..La Gigante" ID at toth	F/G	0100	11/9	PC
1660	WGIT	Canóvanas PR; ballads and "La Gigante" slogan	F	2358	11/9	SW
1660	WGIT	Canóvanas PR; music programme with ID "Transmite WGIT 16-60 AM, La Gigante"	F	0333	16/9	AB
1660	WGIT	Canóvanas PR; Hispanic pops "La Gigante"	Fpks	0450	16/9	JWe
1670	WVVM	Dry Branch GA; SS songs and James Blount newest	W/F	0455	16/8	Rha
1670	WVVM	Dry Branch GA; Spanish with "Viva" ID	W	0442	17/8	AB
1670	WVVM	Dry Branch GA (pres); with Vida px	W	0405	21/8	Rha
1680	WLAA	Winter Garden FL; SS, "Que buena numero uno"	F	0433	16/8	Rha
1680	WLAA	Winter Garden FL; "Que Buena" IDs; weak but clear	W	0618	19/8	mah
1680	WLAA	Winter Garden FL; "Que Buena2 IDs (twice)	W	0440	21/8	AB
1680	WLAA	Winter Garden FL' "Winter Garden" heard. Many mentions of Mexico. "En la Que Buena, la Que Buena"	F	0044	3/9	PC
1680	WLAA	Winter Garden FL; music and several "Que Buena" slogans then legal ID in English & Spanish	F	0200	4/9	SW
1680	WLAA	Winter Garden FL; Mexican mx, "Que Buena" IDs	W	0411	5/9	HP
1680	WTTM	Lindenwold NJ; ethnic (not sure what!) music with legal ID at toh "16-80 WTTM Lindenwold"	W	0400	9/9	AB

kHz	Callsign	Station, location; details heard etc	SIO	UTC	Date	Who
1680		Radio Senda, San Pedro de Macoris, Dominican Republic; "1680 AM ...en transmission de prueballama (tel no). La emisora de la unidad cristiana desde San Pedro de Macoris" Recording: http://tinyurl.com/r9pp5 ; UK FIRST	W/F	2353	2/9	PC
1690	WMLB	Avondale Estates GA; classical mx & remarks of classical on "AM16-90 The Voice of the Arts" ID; speaker was Peter Falk	F	0508	16/8	Rha
1690	WMLB	Avondale Estates GA (pres); with some light music & classical	W/F	0344	21/8	Rha
1690	WMLB	Avondale Estates GA; non-stop classical music for half an hour interrupted by this announcement: "Progressive talk radio lives on in Atlanta on the Al Franken Show, noon to three on AM 16-90 The Voice of the Arts"	W	0324	24/8	AB
1690	WMLB	Avondale Estates GA; classical piano concert		0434	27/8	BD
1690	WMLB	Avondale Estates GA; classical music with Spanish announcements, English ID at toh	W/F	0345	8/9	JWe
1690	WPTX	Lexington Park MD; ID "News Talk 16-90 AM Lexington Park, Maryland"; in mix with WMLB	F/G	0505	16/8	Rha
1690	WPTX	Lexington Park MD; political phone-in show, probably syndicated. ID at bottom of hour after public service announcement: "You're listening to news talk 16-90 AM, WPTX Lexington Park"	F	0431	24/8	AB
1690	WPTX	Lexington Park MD; CNN rolling news	W	0430	27/8	BD
1690	WPTX	Lexington Park MD; they ID'd at 0100, 0300 and 0400 as "You're listening to Sporting News Network on 16-90 AM WPTX Lexington Park" But I heard no sport! But at 0030, 0230, 0330, 0530, "You are listening to newstalk 16-90AM WPTX Lexington Park"	F	0100	9/9	SW
1690	WPTX	Lexington Park MD; "...on 16-90 AM, WPTX, Lexington Park	W	0400	12/9	PC
1700	WEUP	Huntsville AL; "The People's Station" ID. Commercial; Black gospel format	W	0236	19/8	JF
1700	WEUP	Huntsville AL; gospel singing	W/Fpks	0346	21/8	Rha
1700	WEUP	Huntsville AL; gospel, "No matter what time of the day or night you are on, we'll ?? you. The People's Station. W-E-U-P"	G	0443	21/8	AB
1700	WJCC	Miami Springs FL; SS "Radio Voz Mundial, 1700 AM" ID amid rapid SS religious programme. This was my UNID from 2 Aug	G	0457	30/8	AB
1700	WJCC	Miami Springs FL; Spanish with callsign ID in EE and SS	F	0500	15/9	JWe
1700	WJCC	Miami Springs FL; OM with SS religious studio talk	W/F	0535	15/9	BD
1700	WJCC	Miami Springs FL (ten.); SS preacher, rel talks, soft pops	W	0440	19/9	HP
1700	KKLF	Sherman TX; frequent mentions of Fox News Radio; possible ID then baseball programme	W	0303	19/8	JF
1700	KVNS	Brownsville TX; dominant with tlk over WEUV	W/F	0515	16/8	Rha
1700	KVNS	Brownsville TX; references to Newschannel 5, then "Coast To Coast with George Noory" KVNS ID at 0305 in the pile-up	W	0231	19/8	JF
1700	KVNS	Brownsville TX; "On News Talk 1700 KVNS, The Valley's place to talk"	W	0359	24/8	AB
1700	CRJ	Carajas, Brazil; CW beacon	W/F	0410	11/9	HP

Many thanks to the following reporters:

- AB Andrew Brade, Holme-on-Spalding Moor, East Riding of Yorkshire. AOR AR 7030 plus, 40m EWE at 290°, 305m beverage at 220°. Recording on Sony MZ-NH1 minidisc + Total Recorder.
- BD Barry Davies, Carlisle, Cumbria. AOR AR 7030 , 130m longwire.
- FW Friedhelm Wittlieb, Lünen, Germany. Satellit 700, KW-Loop and Martens-Rahmen.
- HP Hans Pammer, Loosdorf, Austria, Icom IC R75, K9AY
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- JW John Williams, Hemel Hempstead. AOR 7030 and 40m long wire.
- jw John Williams, Clashmore, Sutherland. AOR 7030 and antennas as per mah.
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- SW Steve Whitt, High Catton near York. AOR7030+ and HF225 Europa with dual loop K9AY.

The big event of the last month was undoubtedly the good opening to the west coast of North America on 16th September, when KOMO was heard by several DXers, with a number of additional stations logged here in Clashmore. A good omen for the coming months! Some other good DX has also been reported during the month, as you can see from the log and from the comments below – mah.

Paul C notes: “There was a clear switch to 'winter' conditions early in September with N American stations becoming much more evident. I was delighted to hear KOMO 1000 so early in 'the season’”. **Ronald** adds: “some good levels for east coasters mainly on 16th of September”. Comments **John**: “Disappointing conditions. I think the summer months had led us all to expect more”.

Hans writes: "During the last couple of days I heard milestones in my DX career. The first was the Time Signal Station from Ecuador heard with a rather weak but 100% clear copy. The second milestone was Radio Santa Monica from Peru with a nice and clearly ID. I wish I had a recording of this one but there was damage to the tape I am aware after the ID given. So only the huaynos mx on the tape. I will be on a DXpedition to Sweden around Xmas - I am going to Parkalompolo for 12 full days of DX. Since 15 months I'm using the Wellbrook K9AY fixed in a cherry tree in the garden. You see in my loggings how well this antenna works”.

Jack W comments: “It seems like ages since I last sent you any logs. In part that's a result of not having much time earlier, but also because I haven't heard very much. Conditions here have been unusually poor over the summer - worse, I think than most years. You wouldn't have thought that this was a solar minimum. Noise levels have been quite high and very little of the Latin American DX that was coming in up north ever showed up here. Fortunately, conditions have been improving a bit in recent weeks so I haven't given up all hope for the winter”.

JW and his wife Jean are currently spending a few days in Clashmore, and despite the less-than-good conditions we've been receiving some interesting DX, a taster of which is included in the log above. A full log will appear in next month's DX Loggings – mah.

The **deadline** for the November DX Loggings is **Tuesday 24th October**. I look forward to receiving your logs by then, preferably electronically/via e-mail using the Word pro-forma, which I can supply on request. Please remember that I don't automatically include loggings sent to the MWC e-List, so please copy me separately if you would like them included in DX Loggings.

73's Martin