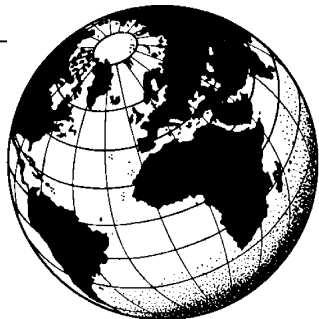
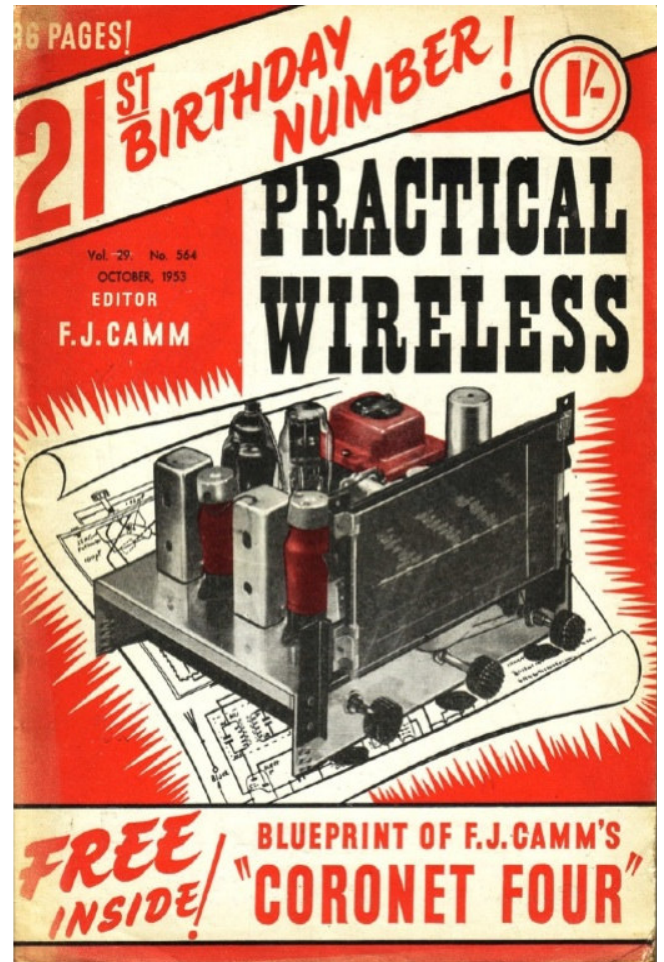


# MEDIUM WAVE NEWS

MEDIUM WAVE CIRCLE

January 2008 Volume 53 No. 8



- ♣ *SDR update*
- ♣ *X-band at a glance*
- ♣ *Sony SRF59 reviewed*
- ♣ *Latin America on 1470kHz*
- ♣ *Hawaii- Scotland again*

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## STOP PRESS:

This month we'd like to extend a warm Circle welcome to the following new members: Gilbert Torbeck, Stuttgart, Germany; Mark Dambrink, Rotterdam, Netherlands and Greg Wand, Pinner.

## A NEW YEAR WELCOME TO THE CIRCLE!!

Stop Press Deadlines:	27 <sup>th</sup> January for February 2008	1 <sup>st</sup> March for March 2008
Cover illustration:	.21 <sup>st</sup> Birthday Edition of Practical Wireless; October 1953	
Medium Wave News is published 10 times a year by the Medium Wave Circle	© 2008	

# EDITORIAL

with Steve Whitt

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## Happy New Year

With Christmas behind us I realise that Santa has been busy in a few shacks bringing shiny new toys like Perseus receivers (of which more inside). But before we leave winter behind, what have we here? This is clearly an undercover listening set-up; photo courtesy of Ton Timmerman. The sharp eyed amongst you will spot a Wellbrook loop carefully disguised by a thick layer of snow.



## Members Advert

**Ten-Tec RX340 for sale:** Ten-Tec RX340, HF DSP receiver, covering 5 kHz to 30 MHz, 57 variable bandwidth from 100 Hz to 16 kHz, AM/USB/LSB/ISB/CW/FM/FM Sync, 100 channel memories including all operating parameters, very fine sensitivity, excellent notch, separate headphone and speaker gain controls etc. The receiver is in perfect condition and looks as new. Including technical manual, diagrams etc.

Price: 2400 euro. Contact Bjarke Vestesen, Denmark, for further information: [bve@fyens.dk](mailto:bve@fyens.dk)

## Publication: MW Offset List

January 6, 2008 – now containing 2115 offsets! (but still 15393 active records in database without exact frequency...)



This list by Jurgen Bartels in Germany, is a collection of exact operating frequencies of Medium Wave stations. Even small deviations from the nominal frequencies ("offsets") help Medium Wave DXers to identify stations. When monitoring the nominal frequencies with software, DXers can see carriers which are so weak that they never would produce audio. Exact frequencies and fade-in/fade-out patterns can however help to identify the source of the signal.

For the list in a text format visit <http://www.myradiobase.de/mediumwave/mwoffset.txt>

73s *Steve.*

# IONOSPHERIC REPORT

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

## Daily Geomagnetic Data

Date	Middle Latitude -- Fredericksburg --									High Latitude ---- College ----									Estimated ---- Planetary ----									
	A	K-indices								A	K-indices								Ap	K-indices								
2007 11 28	3	2	0	0	1	1	2	0	0	5	1	0	1	2	3	3	0	0	3	2	0	0	1	1	2	0	1	
2007 11 29	2	0	0	1	1	0	1	1	0	4	0	0	1	1	3	2	1	0	3	0	0	1	0	1	1	1	1	
2007 11 30	1	0	0	0	0	1	0	1	1	3	0	0	0	3	1	0	1	0	2	0	0	0	1	1	1	1	1	
2007 12 01	2	2	0	1	1	0	0	0	0	3	1	0	2	3	0	0	0	0	2	2	0	1	1	0	0	0	0	
2007 12 02	2	0	1	1	0	0	1	0	1	0	0	0	0	0	0	0	0	0	2	0	1	0	0	0	0	0	1	
2007 12 03	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	
2007 12 04	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	2	0	0	0	0	1	1	0	1	
2007 12 05	1	2	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	2	1	0	0	0	1	1	0	1	
2007 12 06	1	0	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	
2007 12 07	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	
2007 12 08	1	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2007 12 09	1	0	0	0	0	1	1	1	0	2	0	0	0	0	1	2	1	0	2	0	0	0	0	0	1	1	1	
2007 12 10	5	0	1	2	1	1	1	2	3	9	0	1	3	3	3	1	2	3	8	0	2	2	2	2	1	2	4	
2007 12 11	9	3	2	2	2	2	2	3	2	32	3	2	3	5	6	5	4	3	12	3	2	3	3	2	3	3	3	
2007 12 12	7	2	2	2	3	1	1	1	2	12	2	3	3	5	2	1	0	1	7	2	3	3	3	1	0	0	2	
2007 12 13	3	1	2	1	1	1	1	1	0	7	1	3	2	1	3	1	1	1	4	1	2	1	1	1	0	1	0	
2007 12 14	2	0	1	0	2	0	1	1	0	1	0	0	0	2	0	0	0	0	2	0	1	0	2	0	0	1	0	
2007 12 15	2	0	0	0	1	1	2	1	0	1	0	0	0	0	1	0	1	0	1	0	0	0	0	0	0	0	1	
2007 12 16	1	0	0	0	0	0	1	1	1	1	0	0	0	0	0	1	0	1	2	1	0	0	0	0	0	0	2	
2007 12 17	12	2	2	3	3	3	3	1	3	32	2	1	5	5	6	5	3	2	17	2	2	4	4	4	4	2	4	
2007 12 18	11	3	3	2	2	3	2	2	3	43	3	4	4	7	6	4	3	3	18	3	4	3	4	4	2	3	3	
2007 12 19	7	2	3	1	2	2	2	2	1	14	2	3	4	4	3	1	2	2	8	2	4	2	2	2	1	2	2	
2007 12 20	10	3	3	1	2	2	3	2	2	18	2	2	3	3	4	5	3	2	12	3	3	2	2	2	4	3	2	
2007 12 21	9	3	2	3	2	2	2	2	1	17	3	3	3	4	3	4	3	1	11	3	3	3	2	2	3	3	1	
2007 12 22	7	1	3	2	1	2	2	2	2	9	0	0	2	3	4	3	2	1	7	1	2	2	1	2	2	3	2	
2007 12 23	4	2	2	2	1	1	1	0	1	10	2	3	2	4	3	2	0	1	6	2	2	2	2	2	1	0	2	
2007 12 24	1	0	0	1	0	0	1	1	0	1	0	0	1	0	1	0	0	0	2	0	1	1	0	0	0	0	1	
2007 12 25	2	0	0	1	0	1	2	1	0	0	0	0	0	0	1	0	0	0	2	0	0	0	0	0	0	1	0	
2007 12 26	1	0	0	0	0	1	1	0	0	1	0	0	0	1	1	0	0	0	2	0	0	1	1	0	0	0	1	
2007 12 27	4	1	1	1	1	1	1	2	1	4	0	0	3	2	2	0	0	1	4	1	2	2	1	1	1	1	1	
2007 12 28	2	2	2	0	0	1	0	0	0	1	0	1	0	1	0	0	0	0	2	2	2	0	0	0	0	0	0	
2007 12 29	2	0	0	0	1	0	1	1	1	1	0	0	1	1	0	0	0	0	2	0	0	0	1	0	0	0	1	
2007 12 30	3	1	2	0	0	1	2	0	0	1	0	0	0	1	0	1	0	0	2	1	1	0	0	0	1	0	0	
2007 12 31	2	0	1	0	0	1	1	2	1	1	0	0	0	1	0	0	1	1	2	0	0	0	0	0	1	1	2	1
2008 01 01	2	1	1	0	0	0	1	1	0	2	1	0	1	1	1	0	0	0	3	1	1	0	0	1	1	0	1	
2008 01 02	1	0	0	0	0	0	1	1	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	
2008 01 03	1	0	0	0	0	0	1	1	0	1	0	0	1	1	0	0	0	0	1	0	0	0	0	0	0	0	0	
2008 01 04	2	0	0	0	1	1	1	1	2	1	0	0	0	2	0	0	0	1	2	0	0	0	0	0	1	0	2	
2008 01 05	13	2	2	3	3	3	2	2	4	29	1	2	3	5	6	5	3	3	18	2	2	4	4	4	4	3	4	

## Short term Forecast

UTC Date	Radio Flux 10.7 cm	Planetary A Index	Largest Kp Index
2008 Jan 10	90	5	2
2008 Jan 11	90	5	2
2008 Jan 12	85	5	2
2008 Jan 13	75	15	3
2008 Jan 14	72	15	3
2008 Jan 15	70	10	3
2008 Jan 16	70	10	3
2008 Jan 17	70	10	3
2008 Jan 18	70	10	3
2008 Jan 19	70	8	3
2008 Jan 20	70	5	2
2008 Jan 21	70	5	2
2008 Jan 22	70	5	2

# SONY SRF-59 WALKMAN

A Supreme MW-DX Overachiever by Gary DeBock N7EKX

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An AM-FM Stereo portable with included headphones, having an AM section so sensitive and selective that it is capable of TP reception... all for a price of about \$16.00? Is this possible in today's inflated marketplace, where many manufacturers seem to have forgotten the concept of superior AM performance? The answer is a resounding, "Yes!"

## Introduction

The Sony SRF-59 is a very small portable that could easily be mistaken for a child's disposable toy. Having no speaker, and with the included FM stereo circuitry and headphones, one could easily get the impression that Sony's design effort was concentrated on the FM side, to the detriment of AM. Even if not, how much performance can medium-wave DXers expect from such a small and inexpensive analogue portable? An incredible amount, actually. Sony has packed an amazingly sensitive and selective design into the tiny SRF-59, which not only tunes the entire (530-1700 kHz) AM band with pleasing audio and AGC action, but does so with remarkable freedom from image and spurious signals (the bane of most inexpensive portables). Regardless of the added benefits of portability and price, such a rare combination deserves praise, in the reviewer's opinion.



## Construction

Physically, at 65 x 93 x 26.5 mm (about 3 x 4 x 1 inches) the SRF-59 will easily fit into a shirt pocket, and partly due to the lack of a speaker, weight is a miniscule 84 g (3 ounces). It comes in an attractive silver and grey-coloured plastic case with a blue analogue dial, very similar to the transistor portables most of us grew up with in the pre-digital age (except perhaps for the "17" at the right of the AM dial). Controls are very basic, with only two thumbwheel controls for tuning and volume (AM) and a sensitivity switch (FM only). Except for the on-off and AM-FM switches, that's it!

Having no speaker, the SRF-59 has a stereo headphone mini-jack at the top of its case, and includes a basic set of stereo headphones (acceptable for MW DXing, but not recommended for FM stereo enthusiasts). Although this review will focus on the AM performance, the set's stereo FM performance is also commendable, with the headphone wire serving as an external antenna. The FM reception is adequate (as long as the headphone wire is oriented properly), but would not satisfy a demanding FM DXer. The set runs on a single AA battery (not included), which is covered by a hinged door at the lower part of the rear case. User reports (on Amazon) indicate that this battery has excellent run time, no doubt due to the lack of a speaker. Finally, a plastic belt clip is included, which attaches to the rear of the case.

## Circuitry

Disassembly of the compact SRF-59 is not recommended, but for the purpose of this review, it was absolutely necessary. After removal of the two screws and careful separation of the front and back, it was discovered that such separation will disconnect the geared plastic linkage between the tuner

and the orange tuning dial needle, leaving the dial needle linkage loose, in the front case slot. This is not a fatal problem, but it should be enough to deter all but the most curious hobbyists (like the reviewer) from attempting such disassembly. The circuit board assembly, attached to the rear case, has a 1.75 inch ferrite bar antenna, an IF band pass filter (assumed, as it's marked "BPF", and for AM, because of proximity to the ferrite bar), and other discrete components (not surface-mount board - the second is presumed to be a small AF amplifier chip. Finally, for those like the reviewer who must reassemble the unit, the trick is to engage the tuner's gear wheel with the dial needle's plastic geared linkage... definitely easier said than done, because of the radio's tight fit, and the need to exactly match the dial and tuner frequencies.

## Performance

Any doubts that the SRF-59 is a serious AM performer will be quickly dispelled, once fringe reception is attempted. Daytime MW-DX performance of the SRF-59 is nothing short of astonishing, with not only the usual weak-signal stations having solid audio, but even the toughest portable catches being possible. In the reviewer's typical suburban environment of Puyallup, Washington (having numerous Seattle semi-locals but only three strong locals within 5 miles), the unit not only easily receives the typical fringe test stations of KONA-610 (160 miles), CFAK-1070 (110 miles) and KDZR-1640 (120 miles) at high noon, but in the somewhat enhanced November conditions occasionally prevailing, has received noontime audio fading in and out from KNRO-1670 (440 miles) and mumbling 1:00PM audio from KFBK-1530 (580 miles).

## Competitive Testing

Although the SRF-59 will be one of four "Mighty Mite" radios competitively tested in an upcoming "shootout", for the purpose of this stand-alone review, it will be compared to the reviewer's ICF-2010, ICF-SW7600GR, and ICF-S5W units. This is not to imply that the tiny Walkman is a suitable substitute for any of these fine receivers; indeed, the SRF-59 has its own unique issues, as detailed in "Wish List" below. But as a simple yardstick of the Walkman's sensitivity, selectivity, and rejection of unwanted images and birdies, it is hoped that such direct comparison will assist the reader in accurately judging the performance capabilities of this tiny portable.

In extensive daytime sensitivity tests performed for the Sony ICF-EX5 review (appearing originally in the IRCA Technical Column for May 12, 2007, and kindly republished by Colin Newell on his excellent dxer.ca web site), it was determined that the ICF-S5W has a moderate sensitivity edge over the ICF-2010, which in turn has a moderate sensitivity edge over the ICF-SW7600GR (inclusive of synch detector function). These three highly respected receivers (all aligned and checked for proper operation) were used to measure the SRF-59's relative performance at local noon on November 26, 2007, a day with somewhat below-average reception conditions.

- KONA-610: The SRF-59's signal quality was clearly superior to that of the SW7600GR (with synch detector on). The Walkman had weak, mumbling audio, whereas the SW7600GR had only a carrier (on SSB), with no audio. When the SRF-59 was compared to the 2010, the 2010 and the tiny Walkman had roughly similar signal quality when the 2010's synch detector was off (weak, mumbling audio), but the 2010 was clearly superior to the SRF-59 when the synch circuit was on (having steady weak audio). As expected, the S5W was again the most sensitive, with steady moderate audio.
- CFAK-1070: This station provided only weak, mumbling audio on the SW7600GR (synch on), but the SRF-59 again showed its superior sensitivity by receiving steady weak audio. The Walkman and the synch-off 2010 again were almost identical with steady weak audio, the 2010 again needing the synch circuit to provide weak to moderate audio. The S5W had steady moderate audio.

- **KDZR-1640:** This station's signal produced only a weak SSB carrier on the SW7600GR. The SRF-59 and the synch-less 2010 again deadlocked with weak mumbling audio, with the 2010 providing steady weak audio in the synch mode (identical to the S5W).

So to summarize the sensitivity tests, the SRF-59 was clearly more sensitive than the SW7600GR on all frequencies. Its sensitivity was roughly equivalent to the 2010's as long as the synch detector was off, but was clearly inferior to the 2010's with synch on. Since the reviewer was somewhat astonished at these results, a different 2010 was substituted during the competition with the Walkman, but the same results were obtained.

In the selectivity tests, the SRF-59 again proved it was competitive with the other receivers. The band-pass filter (described above) does a superlative job, proving every bit as effective as the S5W's ceramic filter. Fringe CHMJ-730 can be heard with very little KIRO-710 splatter, and KPQ-560 can easily be received in the null of KVI-570. Only the 2010's combination of the narrow filter and synch detector was slightly more effective than the Walkman's band-pass filter, in rejecting adjacent splatter.

The biggest surprise for the reviewer was the SRF-59's almost total freedom from image and spurious signal reception. Very careful investigation from 530 to 1700 produced only a hint of a spurious whistle on 730 kHz, although it was so weak as to be negligible (this was in my moderate-RF suburban environment). By comparison, the SW7600GR has both image and spurious issues, and the S5W has a serious image issue. Even the 2010 has minor spurious problems (as documented in the EX5 review, which also details the image and spurious issues of the S5W and 7600GR), but Sony has apparently solved both kinds of problems, in this SRF-59. To tune from 530 to 1700 in a small portable and have almost total freedom from images and birdies is astonishing, regardless of price.

As mentioned previously, the Walkman's audio comes only from headphones, so superb AGC performance is required to prevent sudden loud audio from irritating the searching DXer. Rest assured that Sony has accomplished this very well, with the combination of great AGC action, and pleasant audio. An upgrade in headphone quality will provide the user with even more pleasing audio and comfort, if desired.

### TP-DXing with the SRF-59

The Walkman's excellent sensitivity and selectivity make barefoot transoceanic reception quite possible, as the reviewer has discovered with loggings of JOAK-594, JOIB-747 and HLCA-972. However, these contacts are much more challenging (and exciting) than routine TP contacts. Success depends primarily on the operator's attitude, his familiarity of "powerhouse" TP stations, and knowledge of propagation. Sheer luck also helps, as does a salt-water location (the reviewer is 4 miles from salt-water Puget Sound).

The analogue SRF-59 has no digital frequency readout, SSB capability to check carriers, memories, or selectable filters. It has only a tuning control, and a volume control... and that's it! In this medium-wave equivalent of ham radio's QRP operation, the operator's skill and determination must compensate for his extremely limited equipment. "Routine" TP contacts are no longer routine, and you must work hard for them! Sound interesting? For the reviewer, it has been a fascinating challenge.

For best results, my recommendation is to have a fully TP-capable receiver like the 2010, E1, R8 (or equivalent) to first "spot" powerhouse TP stations in the clear, during propagation peaks. When the audio of the TP station becomes sufficiently strong and QRM-free, the SRF-59 has a fighting chance to log it. Every experienced TP-DXer knows which "powerhouse" stations are likely to be

strongest at his location - here, it is JOAK-594, and JOIB-774. I followed the above procedures to make these first two TP loggings, which were a great thrill on such a tiny radio!

The logging of HLCA-972, however, was due more to sheer luck. I had never logged this station before on any receiver, and during a propagation peak during the Asian sunset, the station suddenly faded in to a tremendous level on my 2010. At the peak of this fade-in, I urgently grabbed the SRF-59, hurriedly tuned to the right of KJR-950, and caught a trace of Korean, right before HLCA again faded away completely! The feeling of excitement and accomplishment was amazing, and it is the reviewer's sincere hope that other TP-DXers (most of whom are far more experienced) will accept the challenge (and enjoy the satisfaction) of TP-DXing with this amazing portable.

## Wish List

As you may have guessed, the tiny SRF-59 is not quite perfect. Probably the biggest user complaint will be the somewhat touchy thumbwheel tuning control, which requires a very steady thumb for best results (especially at the top of the band). Aside from this, some users may dislike the lack of a speaker, and the analog design. For these DXers, Sony and other manufacturers have designed alternative digital radios similar to the SRF-59 (soon to be compared in a separate review). Indeed, for the Walkman's basic DX performance, this reviewer cannot find any serious issues to criticize.

## Verdict

The SRF-59 Walkman provides an incredible value for the medium-wave DXer. Not only highly sensitive and selective, it also tunes the entire band with pleasing audio, great AGC, and almost total freedom from images and birdies. Such an accomplishment would be commendable in any portable, but when the price of \$16.08 (Amazon) is considered, the value is astonishing. The SRF-59's portability and versatility make it an obvious choice for casual DXers, as well as for serious DXers looking for new challenges. The reviewer has found the radio quite capable of barefoot TP reception, providing even the most experienced DXers with a new way to test their skill, patience, and knowledge of propagation. In summary, the SRF-59 is a quick ticket to fun, and an unbeatable value!

*(Courtesy IRCA Technical Column edited by Nick Hall-Patch. This review first appeared on Colin Newell's website <http://www.dxer.ca/>)*

# SDR UPDATE

with Jack Weber

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A new Software-Defined Receiver (SDR) called Perseus has been attracting a lot of attention from MW DXers recently. This sparked a more general discussion on the MWC Email List last month about SDRs and how they may alter the nature of MW DXing. As with any change, there seems to be some dismay, some jubilation and some confusion in the air. Inevitably, the reality will be neither as bad nor as good as people imagine. Nor does it need to be at all confusing. Steve asked me to provide a few comments on what is now happening with SDRs, so this is my take on the situation and what it means for MWDX. In the process, I hope to sort out some of the confusion as well.

The first point to be absolutely clear about is that an SDR is simply a radio receiver just like any other (there are also SDR transceivers, but we can ignore them in this context). It connects to your antenna, it requires a power supply and it makes noises (hopefully with a DX flavour) come out of a speaker or headphones. Just like any other radio, it may be good or bad at its job and it may have lots of complex features or be quite simple. Some SDRs are well suited to MW DXing, some aren't.



Some are easy to operate, some are awkward. Where they all differ from more traditional radios is in the technology they use.



I wrote a couple of articles on the subject in the November and December 2006 issues of MWN, so I won't repeat the explanation beyond the following brief reminder. The essential difference between SDRs and conventional receivers is that at some point prior to demodulation the SDR digitises the signal to turn it from an analogue voltage into a series of numbers. It then does all its filtering, demodulation and so on by using appropriate software to modify the digitised signal. The principle remains the same, only the method has changed. For example, if you want to switch from receiving AM to USB, you could do this by switching physical circuits in and out of the signal path. Or you could digitise the signal and then change over from running a piece of software that does AM demodulation to one that does USB demodulation. The same applies to filters and so on. This realtime digital manipulation of a signal goes under the name of DSP, or Digital Signal Processing.

This use of DSP isn't particularly new – it's been available since 1984 and the technique is now used to differing degrees in almost all modern communications receivers. This means that there is really no clear dividing line between SDRs and conventional radios, they all merge into each other. For example, the AOR AR7030 is entirely analogue in its signal path (but has digital control) and is definitely a conventional receiver, while the JRC NRD-545 uses DSP in its IF and is much closer to an SDR. Many modern radios that look quite conventional from the outside operate internally very much like an SDR - the Icom IC-R9500 or Ten-Tec RX340, for example. Where true SDRs go further is that their software is less thoroughly locked in, thus allowing a wider range of adjustments, easy upgrades, modifications, bug-fixes and so on. Because of this required flexibility, their software needs to run on a general-purpose computer rather than a very specific custom-built system. The easiest way of achieving this is to make use of a conventional PC and so they're often thought of as inherently PC-based radios, but even that is arbitrary. At least one new

SDR that is due out soon (the FlexRadio Flex-5000C transceiver) will have all the computing hardware built-in to the radio.

Rather than viewing the arrival of SDRs as some cataclysmic change in the nature of DXing, I see it as natural progress just like the transition from valves to transistors, from tuning dials with pointers to numerical frequency displays, or from tuned circuit filters to crystal filters. All of these changed DXing in the past, but didn't change its essence. In fact, the biggest hurdle for most new users of SDRs is getting used to operating their radio from a computer screen. Some take to it very quickly and soon prefer it, others don't. The only way to find out is to try it. Anyway that may not be an issue for long because, as I've already mentioned, the link between SDRs and PCs is purely one of convenience, and not of necessity. As SDRs become more numerous, I'm sure we'll see a broad range of approaches from strictly PC-based models to those that are self-contained and carry conventional controls on the front panel with no additional need for a PC. And don't forget that many completely traditional hardware receivers offer computer control as an option. We already have a choice and the possibilities can only expand.

There are numerous advantages to using a good SDR, or a good DSP receiver. One of the most important is the possibility of having fully adjustable, sharp, steep-sided filters. This makes an enormous difference, especially in a crowded band like MW. For example, on my AOR AR7030 I have a small number of crystal filters to set the IF bandwidth. On my WinRADiO G313 I have a smoothly varying filter that I can slide to whatever bandwidth I want. Instead of worrying that 3 kHz is too wide and 2.4 kHz is too narrow, I can simply find the optimum setting and not care if it turns out to be 2.738 kHz.

Noise reduction, notch filtering and passband shift are all capable of achieving better results when done digitally and, again, they're all useful features to have when DXing on MW. So are panadaptor displays and built-in recording facilities, which are also much easier to provide in an SDR. Another major advantage is that software is cheap and easy to distribute so most SDRs are regularly updated with new features and bug fixes, often in response to user feedback. This would simply be impossible with a hardware receiver. In a sense, SDRs are radically different, but let me stress again that an SDR is just a radio. Like any other, it may be good, bad or indifferent. And a good conventional receiver will still beat a bad SDR.

So far I've avoided mentioning one of the most important, and potentially controversial, features that a few SDRs can offer. This is the ability to display and record a broad sweep of radio spectrum in one go. Some SDRs start out as a conventional superhet receiver and postpone digitising the signal until it's been converted down to a suitable IF frequency and had some preliminary selectivity filtering applied. Others, known as DDC (Digital Down Conversion) receivers, digitise the incoming RF very close to the antenna input, perhaps with just an attenuator and preamplifier in front to adjust the signal level. This is a more expensive approach, but it does mean that what you've digitised isn't just a narrow band containing one or two broadcast channels, but a block of frequencies containing many channels. This allows the receiver to do some very useful things.

First of these is to provide a wideband panadaptor – also known as a bandscope, spectrum scope or spectrum analyser – which shows all the signals in a broad sweep of spectrum. This can be particularly useful if you're DXing 9/10 kHz split frequencies on MW because you can quickly see which channels are clear, which are suffering from interference and which have signals that are strong enough to deliver potentially readable audio. By showing this over time as a waterfall display, you can also see when signals come and go.

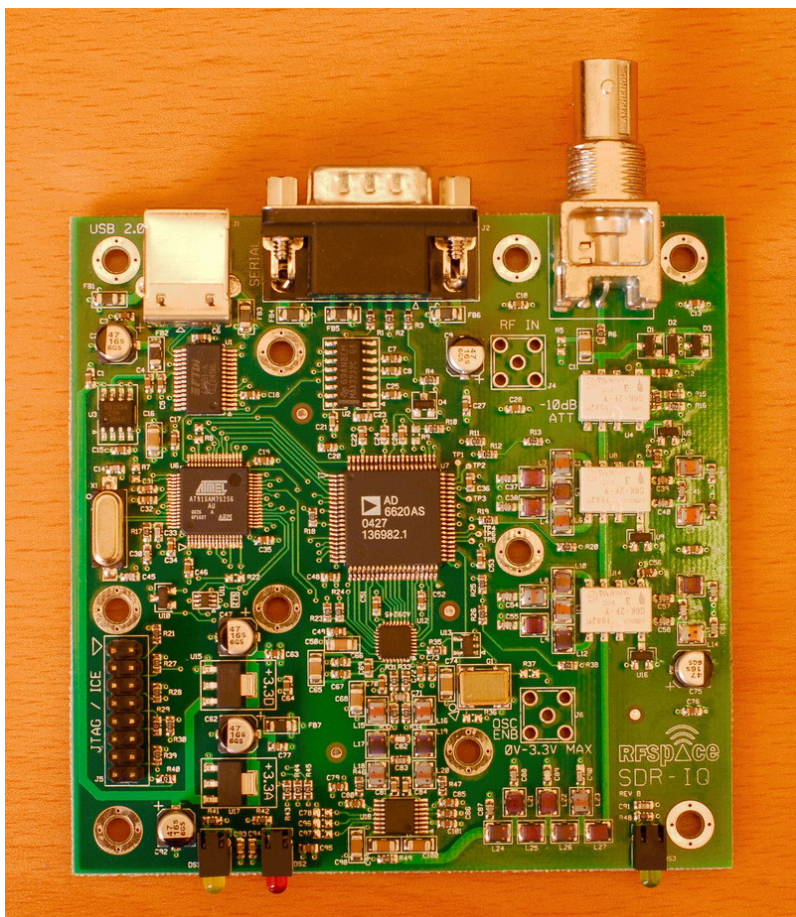
The second big thing that such wideband receivers can provide is spectrum recording – also known as pre-detection recording – which is the ability to record, not the audio from a demodulated signal, but a chunk of radio spectrum with whatever signals it contains. Having recorded your bit of spectrum, you can play it back through an SDR and operate the receiver just as if you were

receiving in real time. You can re-tune to different frequencies, change mode, switch between upper and lower sidebands, add a notch filter, use a noise blanker and so on. The only things you can't do are alter whatever came before the recording – change the antenna for example, or add an RF preamplifier.

This is where things start to get controversial, because by using this sort of technique you could record the whole of MW overnight and then go back and DX every channel at your leisure. Will this remove the skill of DXing? Will it create a class-divide between DXers? Is it cheating? I believe the answer is "No" in every case, but you may not agree and there undoubtedly are some ethical questions to consider. First though, we should clear up some misunderstandings about what is possible.

## Spectrum recording

One common confusion is to equate spectrum recording with SDRs. The two are not the same and not even necessarily connected. You could do spectrum recording with any radio that has an IF output, but it would be immensely expensive, complex and impractical to do it over a wide bandwidth with analogue technology. Analogue spectrum recording was used in some military and intelligence gathering systems years ago and narrow-band pre-detection recording has been around since the early 1960s, but it's only become feasible for the rest of us since the advent of SDRs. However, some SDRs don't offer it at all, some only do it in a relatively narrow bandwidth – enough for one or two MW channels, while only a few provide wider bandwidth recording.



At present I'm aware of just three readily available receivers with wideband spectrum recording – the new Perseus from Microtelecom in Italy and the SDR-14 and SDR-IQ from RFspace in the USA. Perseus can record up to 400 kHz of spectrum and the two RFspace models can record up to 190 kHz. If you bought three Perseus receivers or six from RFspace, you could record pretty much the whole of MW simultaneously. I'm sure we won't have to wait very long before a single receiver capable of recording that much becomes affordable. It will almost certainly be an SDR, but it doesn't need to be and there will continue to be excellent SDRs that don't provide this facility.

← *SDR-IQ receiver*

Another misconception seems to be that a spectrum recording receiver is automatically a good receiver for DXing. It may or may not be. Even if it is, it cannot receive anything more than your antenna provided to it at the time of recording. You're also limited by the quality of the SDR that you use to listen to individual channels when you play back the recording. In this respect though, there is some room for manoeuvre because you don't necessarily need to use the same SDR for making the recording and for listening to it. For example, I have an RFspace SDR-14 which can record 190 kHz of radio spectrum and has very good facilities for both

recording and playback. However, I find its filters clumsy to use and its ability to extract audio isn't as good as I'd like. So, if I spot something of interest in its recording, I'll sometimes play it back through an entirely different piece of SDR software called Winrad, which is less convenient in some respects but has easy filter control and is good at recovering audio.

Not every combination of SDRs can work together in this way, but there are many that can. It's this sort of flexibility, coupled with the prospect of not having to miss another DX signal ever again that gets DXers excited. That excitement needs to be tempered with a dose of realism though. Yes, you could record the whole of MW overnight, but it's essentially a self-limiting process because it would take forever to listen back to it. Especially if you wanted to try out different settings or different software. As a routine way of doing all your DXing I think it's a non-starter. Where it would become invaluable is on those rare nights when good propagation brings DX flooding in on every available channel. You'll never manage to hear it all live, so that's the time to start spectrum recording. It may take you weeks to check through it all, but it will be worth it.

Clearly, this sort of technology raises the question of what you consider to be a valid logging. However, that's not a new question because it arises just as much in relation to unattended audio recordings, remote operation of receivers, mobile operation away from the normal base, groups of people DXing together and so on. My view is that spectrum recording adds another variable for consideration, but doesn't fundamentally alter anything. However, if you do want to compare results between different people – for the purpose of a contest, an award or simply to be competitive – then you may want to devise some rules about how spectrum recording is to be treated. In general, spectrum recording will tend to favour quantity, but you need a good location and good antennas to provide quality. I doubt that there is a simple answer, and any group of people who want to compare their logs in a meaningful way will need to consider a lot of factors beside spectrum recording.

SDR and DSP technology are developing rapidly at present. The bandwidth that can be handled is going up and the price is going down, so the prospects for wider spectrum recording must be improving. Much more importantly, the understanding of what makes one SDR better than another is growing too. For example, the way that intermodulation products are created in a digital receiver is quite different from the way they arise in an analogue receiver. Noise and internally generated spurious signals also arise differently and can be dealt with differently in a digital receiver. This is not yet fully explored territory and is something that both receiver designers and users need to get to grips with. Ergonomics is another area where more work needs to be done to find the most comfortable ways of controlling these devices and presenting the mass of information that they provide.

I've used SDRs extensively, but not exclusively, for several years now and I wouldn't want to go back to pre-SDR days. However, if you feel uncomfortable about making the change, there's no need to worry. Good MW radios such as the AOR AR7030 or the Icom IC-R75 will carry on picking up the DX just as they always have. If you do feel ready to make the leap to SDRs, then I would suggest looking carefully at what's on offer and having a dry run first – several makes of SDR allow you to download the software and, in some cases, a spectrum recording as well, so that you can actually try using the radio before you buy it.

I do hope that more MW DXers will take the plunge. Partly because I think these receivers have a lot to offer, but also because the market is evolving rapidly and it needs some feedback and pressure from DXers. Many radio amateurs have already seen the importance of SDR and, as a result, quite a few SDR products are now designed specifically to meet the needs of ham radio. That's great, but other groups of users need to make their voices heard as well.

# X-BAND AT A GLANCE

with Tony King, Greytown NZ

December 2007

1610	CHHA Toronto ON Rel SS
1620	WVLV South Bend IN AC:EZL "Love Songs 1620" KOZN Bellevue NE "ESPN 1620 Omaha's 'The Zone' WTAW College Station –Bryan TX 'Newstalk 16-20 WTAW' Takes C-to-C AM KYIZ Renton WA Urban, r & b, hip-hop //KRIZ " Z Twins" KSMH West Sacramento, CA Rel. ETWN Catholic. "KSMH West Sacramento" WNRP Gulf Breeze FL C & W 'Classic Country AM 1620 Gulf Breeze' WDHP St Croix, US Virgin Islands BBC WS + Caribbean prgms overnight. Full ID :59
1630	KCJJ Coralville IA Hot AC "16-30 KCJJ" KRND Fox Farm WY SS ID 'La Grande 16-30" KKGm Ft Worth/Dallas TX Rel. Southern Gospel. WRDW Augusta GA Talk/Sport Sporting News Network & ABC News.
1640	WKSH Sussex WI Disney "AM 1640 WKSH Sussex-Milwaukee" KDZR Lake Oswego OR Disney 'KDZR Radio Disney Portland' "AM 1640 KDZR" KDIA Vallejo CA Talk/religious/life issues 10kw WTNI Biloxi MS Overnight: ESPN sport M-F; C2C Sat Sun KFXy Enid OK Fox Sports 'The Score 1640 KFXy Enid-Oklahoma" KBJA Sandy UT SS romantica "Super Radio" .EE ID on hour
1650	WHKT Portsmouth VA Disney. "AM1650 WHKT Portsmouth, Radio Disney" KHRO El Paso TX Talk. "Air America Radio 1650 KHRO El Paso" KCNZ Cedar Falls IA Talk /Fox sports "The Fan KCNZ Cedar Falls-Waterloo" KWHN Fort Smith AR 'Newstalk 1650 KWHN' Takes C to C KBJD Denver CO Talk. "KNUS-2" KFOX Torrance CA Korean/ EE ID on hour CINA Mississauga ON South Asian format 680w overnight. CJRS Montreal QC New 1kw. EE FF and Yiddish Radio Shalom
1660	KTIQ Merced CA Now "Radio Visa" SS talk. EE ID "KTIQ Merced" WFNA Charlotte NC Sports/some ESPN "1660 AM WFNA Charlotte" WWRU Jersey City NJ Korean WCNZ Marco Is FL Rel. Catholic/Starboard Relevant radio

	<p>WQLR Kalamazoo MI Adult contemporary ex WQSN</p> <p>KRZI Waco TX ESPN + local sport. Nx on hr/local ads .05 'ESPN 1660'</p> <p>KQWB West Fargo ND Now ESPN News</p> <p>KXOL Brigham City UT Now SS. Sports Radio Unica ID in EE on hour "K X O L 1660"</p> <p>KXTR Kansas City KS Classical</p> <p>WGIT Canovanas Puerto Rico SS 'Tropical' format.</p>
1670	<p>WVVM Dry Branch, GA SS: "Viva 16-70"</p> <p>WTDY Madison WI Talk. " Madison 16-70 WTDY The Pulse" Midnight Trucking Network</p> <p>KHPY Moreno Valley, CA Radio Catolica SS. Sung ID on hr. "KHPY Moreno Valley 1670"</p> <p>KNRO Redding CA "Sports. ESPN Radio 1670 KNRO'</p>
1680	<p>WTTM Lindenwold, NJ Spanish format</p> <p>WLAA Winter Garden FL SS "Que Buena"</p> <p>WDSS Ada MI "R.Disney 'AM1680 WDSS Ada-Grand Rapids"</p> <p>KAVT Fresno CA Disney. ID 'KAVT Fresno' at TOH only</p> <p>KDOW Seattle WA SS 'La Jefa AM 1680 KDOW Seattle'</p> <p>KRJO Monroe LA Urban Gospel. "KRJO Monroe"</p>
1690	<p>KDDZ Arvada CO "R.Disney AM 16-90 KDDZ Arvada Denver"</p> <p>KFSG Roseville CA Ethnic EE ID on hr "KFSG Sacramento"</p> <p>WVON Berwyn, IL Afro-American Urban Talk 'The Talk of Chicago'</p> <p>WMLB Avondale Estates GA "The Voice of the Arts"</p> <p>WPTX Lexington Park MD Sports, Sporting News</p> <p>CJOL Montreal QC Greek format</p>
1700	<p>WEUP Huntsville AL Black Gospel</p> <p>WJCC Miami Springs FL; Spanish format re-activated</p> <p>KKLF Sherman TX Talk// KLIF 570 "Talk Radio KKLF"</p> <p>KBGD Des Moines IA CNN News.</p> <p>KVNS Brownsville TX was Spanish recently switched to pop oldies</p> <p>XEPE Tecate BCN MX "The Talk of San Diego"</p>

*Note that the list is focussed on North America and omits Latin American stations (though some Mexican & Caribbean are included). It has been updated by SW in January 2008.*

(First published Dec NZ DX Times)

# LATIN AMERICA ON 1470kHz

with Stig Hartvig Nielsen

The frequency of 1470 kHz is a favourite among many European DX'ers. It's a completely clear channel from about 2315 UTC every night. Perhaps except for a few pirate stations which may interfere at times.

Now if you catch a Spanish or Portuguese speaking station on this frequency there are a good number of possibilities.

Here's a listing of Latin American stations on 1470 kHz which have been reported in Europe for the past year or so. The list may not be complete - but I guess it includes the stations most likely to be heard on 1470.

<i>Country</i>	<i>Callsign, station, city</i>	<i>Format</i>	<i>Slogan/ID</i>	<i>Remarks</i>
Argentina	LT28 Radio Rafaela, Santa Fé			S/off at 03. Rare. News from 'Radio Diez, la radio'.
	LU26 Radio Coronel Dorrego			S/off at 03. Rare.
Brazil	ZYJ616 Radio Rural AM de Parelhas			
	ZYH665 Radio Guanancés, Itapajé	Religious		S/off at 03 UTC. Rare.
	ZYJ781 Radio Mais Alegrie, São José	Soft music		Rare
	ZYJ676 Radio Rondônia, Cocal			Rare.
Colombia	HJNT Radio Huellas, Cali	Religious (probably not 24/7)	En sonido que impacta tu corazón	Previously called: 'Radio Restauración. Noted on 1470.07 kHz
	HJHQ Radio Futurama, Pacho			Rare.
	HJIM Radio Popular, Medellín			Todelar. Rare.
	HJBT Ondas de Ibagué, Ibagué		La más popular	Todelar. Rare
México	XEAI Radio Fórmula, México	Mostly talk	'La Voz Mexicana' 'Cadena Nacional' 'Fórmula de noche'	
	XERCN Radio Hispana, Tijuana		La Voz de California	Rare
Perú	OAU4B CPN Radio, Lima (Cadena Peruana de Noticias)	News. Religious every night from approx 03 UTC: 'Para de sufrir' (from the Brazilian church: IURD)	Información al instante	
	OAU6E Radio Victoria, Arequipa	Huaynos	La radio con más noticias	Rare
	OAX7G Radio Cusco, Cusco			Rare. S/off at 03 UTC. Reported on 1470.03 kHz. // 6193.4v kHz.
Venezuela	YVSY Radio Vibración, Carúpano	Venezuelean music		Carries news from Unión Radio Noticias
	YVJW Llanerísima, Valencia	Música llanera		Previously called: 'Radio Latina'
Uruguay	CX147 Radio Cristal del Uruguay, Las Piedras	Mostly talk. Sometimes religious from 'Zoe FM Satelital'	Alumbrando en la noche	Song-jingle

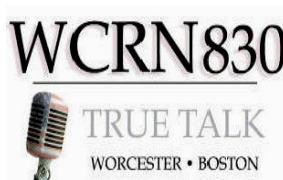
# NORTH AMERICAN NEWS

✉ 20 Ryehill Park, Kirklington, Carlisle CA6 6BH

with Barry Davies

e-mail: [na-news@mwcircle.org](mailto:na-news@mwcircle.org)

Welcome to another round up of what's been happening on the North American AM dial. May I express my gratitude to the organisations which make this resume possible? Thanks this month to: - NRC, IRCA, Ohio Media Watch, KOJE UPDATES, RadioandRecords.com, ABDX and NERW



- 740 CHWO** Toronto ON. This nostalgia station sold. No news on any format changes.
- 830 WCRN** Worcester MA. This talk station drops hourly USA Radio News and is now CBS.
- 920 CJCH** Halifax NS. This oldies station has the OK to move to 101.3 FM with a 3 month simulcast period.
- 960 CFFX** Kingston ON. This AM station likely to close soon! 960 AM is now simulcasting 104.3 FM with soft pops. Their 960oldies website has closed. The station now uses the slogan "The Lite 104.3 FM."
- 970 CJYR** Edson AB. This pop station has now moved to 94.3 FM
- 1300 WTMM** Rensselaer NY. This station's ESPN sports format goes to WTMM 104.5 FM and is replaced by talk as "Talk 1300."
- 1320 CKEC** New Glasgow NS. The station has switched on 94.1 FM. New slogan is "94.1 East coast FM." The AM signal should be history come March 2008!
- 1580 WVKO** Columbus OH. Format flips from SS pops to EE talk
- 1600 WAAM** Ann Arbor MI. This Coast To Coast talk station has been sold. No news of any programme changes.
- 1700 KVNS** Brownsville TX. Mexican songs dropped in favour of EE oldies. The new slogan is "Oldies radio 1700 KVNS." (James Niven)
- 1700 +++++** Appl'n's NY. 4 stations have applied for a full AM licence here. The channel may soon be lost to DX opportunities hi!

Here is a general round up of what's been happening on the North American AM dial courtesy of our friends at the [International Radio Club of America](#).

## CANADIAN RADIO NEWS

Dan Sys- [dsysca@yahoo.ca](mailto:dsysca@yahoo.ca)

For November 2007 (December 1 2007) (next update January 1 2008)

## FORMAT CHANGES

980 ON London CFPL From Full Service to All News during AMD & PMD and Talk the remainder of the day

## OFF THE AIR

630 BC Kelowna CKOV Simulcast time for FM conversion expires



1450 ON Cobourg CHUC Simulcast time for FM conversion expires

**TECHNICAL CHANGES GRANTED**

990 YT Watson Lake CBDB Increase power from 40 watts (fulltime)  
to 400 watts (days)/165 watts (nights).

**USA News for December.**

Editor: Robert Wien - 7190 Abigail Pl - Fontana, CA 92336-5752  
E-mail: [wienbob@aol.com](mailto:wienbob@aol.com) phone: 909-350-4898 Ham calls: KG6RJW

**CALL LETTER CHANGES**

FREQ	OLD CALL	CITY	NEW CALL
820	new	Masonboro, NC	WVNC
820	WAIT	Willow Springs, IL	WCPT
850	WCPT	Crystal Lake, IL	WAIT
920	KBNA	El Paso, TX	KQBU
1230	WWKU	Glasgow, KY	WCDS
1240	KSMA	Santa Maria, CA	KSMX
1260	KOIT	San Francisco, CA	KSFB
1290	KWLS	Pratt, KS	KMMM
1290	WQMC	Sumter, SC	WWHM
1300	WTMM	Rensselaer, NY	WCBI
1440	WCDS	Glasgow, KY	WWKU
1450	new	Lancaster, NH	WKBR
1490	WLRT	Hampton, VA	WXTG
1590	KIXC	Hilo, HI	KILE

**FORMAT CHANGES**

FREQ	CALL	CITY	OLD INFO	NEW INFO
540	XESURF	Tijuana, BCN	classic country	talk // KGIL-1260
730	WLIL	Lenoir City, TN	country	classic country
820	WAIT	Willow Springs, IL	religious teaching	talk
820	WMGG	Largo, FL	Spanish oldies	Spanish adult hits
850	WXJC	Birmingham, AL	talk	southern gospel
900	WALE	Greenville, RI	silent	Spanish CHR
910	KIYU	Galena, AK	silent	variety
950	WGTA	Summerville, GA	regional Mexican	silent
950	WNCC	Barnesboro, PA	business news	oldies
970	WXQK	Spring City, TN	oldies	talk
1010	WCOC	Dora, AL	regional Mexican	silent
1050	WRFS	Alexander City, AL	southern gospel	religious teaching
1110	WOMN	Franklinton, LA	silent	country
1130	KTMR	Edna, TX	ethnic Spanish	contemporary Christian

1150	WJRD	Tuscaloosa, AL	talk	adult standards
1150	WXKO	Ft. Valley, GA	black gospel	silent
1230	WIKB	Iron River, MI	oldies	adult standards
1230	WKTO	Corinth, MS	news/talk	oldies
1230	WWKU	Glasgow, KY	new	ESPN sports
1260	KSFB	San Francisco, CA	KOIT, adult contemp	religious teaching
1270	WMLC	Monticello, MS	talk	sports
1270	WMPM	Smithfield, NC	country	silent
1280	WDNT	Dayton, TN	oldies	talk
1290	WCBL	Benton, KY	traditional country	talk
1300	WNQM	Nashville, TN	religious teaching	Spanish religious
1300	WTMM	Rensselaer, NY	sports	talk
1340	KWLE	Anacortes, WA	adult standards	hot AC
1340	WBAC	Cleveland, TN	oldies	talk
1370	KUPA	Pearl City, HI	sports	silent
1370	WFDR	Manchester, GA	country	black gospel
1390	KHOB	Hobbs, NM	classic country	oldies
1400	WSLB	Ogdensburg, NY	talk	ESPN sports
1410	KCAL	Redlands, CA	regional Mexican	romantica
1410	WSHY	Lafayette, IN	country	adult hits
1440	KMAJ	Topeka, KS	sports	talk
1450	WROX	Clarksdale, MS	blues	oldies
1470	KVLH	Pauls Valley, OK	oldies	silent
1480	WADR	Remsen, NY	traditional country	adult standards
1480	WVSG	Neon, KY	silent	southern gospel
1490	KTOP	Topeka, KS	adult standards	ESPN sports
1490	WDUR	Durham, NC	sports	regional Mexican
1520	WDMN	Rossford, OH	black gospel	jazz
1530	WWDX	Huntingdon, TN	classic country	country
1550	KYCY	San Francisco, CA	talk	modern rock
1550	WUTQ	Utica, NY	traditional country	adult standards
1560	WCMA	Daleville, AL	southern gospel	news/talk
1580	WVKO	Columbus, OH	Spanish	progressive talk
1660	KXOL	Brigham City, UT	Spanish	regional Mexican

#### **FACILITY AND PARAMETER APPLICATIONS**

580	WLES	Bon Air, VA	201/27 ND to 600/58 ND
590	WLVA	Lynchburg, VA	5000/1000 DA-2 to 250/15 ND
630	WDGY	Hudson, WI	1000/2500 DA-2 to 2500/2500 DA-2
670	KBTB	Las Vegas, NV	10000/600 DA-2 to 30000/600 DA-2 (CP-ye ed)
860	KPAM	Troutdale, OR	50000/50000 DA-N to 50000/15000 DA-N
880	new	Sweetwater, FL	4000/1500 DA-2 to 4000/5000 DA-2
950	WPEN	Philadelphia, PA	25000/21000 DA-N to 50000/21000 DA-2
990	WRFM	Muncie, IN	250/1 DA-2 to 250 DA-D
1030	WNVR	Vernon Hills, IL	5000/120 DA-2 to 10000/120 DA-3
1090	WCAR	Livonia, MI	250/500 DA-2 to 1000/800 DA-2
1170	WPLX	Germantown, TN	1000 ND-D to 5000/26 DA-3
1170	WWTR	Bridgewater Township, NJ	243 ND-D to 600 ND-D
1200	KFNW	West Fargo, ND	10000/700 DA-N to 50000 DA-D

1200	WAGE	Leesburg, VA	5000/1000 DA-N to 50000 DA-D
1210	KEBR	Rocklin, CA	5000/500 DA-D to 5000/1500 DA-2
1230	WESX	Salem, MA	1000/1000 ND to 450/450 ND
1300	WRRCR	Spring Valley, NY	500/83 DA-2 to 10000/1000 ND
1310	WCCW	Traverse City, MI	15000/7500 DA-2 to 50000/7500 DA-2
1390	WISK	Americus, GA	1000 ND-D to 950/25 ND
1420	KJDL	Lubbock, TX	500/500 DA-N to 500/250 ND
1430	KLO	Ogden, UT	10000/5000 DA-2 to 25000/5000 DA-2
1430	WXNT	Indianapolis, IN	5000/500 DA-N to 5000/5400 DAN
1450	WOL	Washington, DC	1000/1000 ND to 370/370 ND
1460	WXOK	Baton Rouge, LA	5000/1000 DA-N to 4700/290 ND
1470	WCLA	Claxton, GA	1000/260 ND to 5000/170 ND
1560	WCMA	Daleville, AL	50000 ND to 50000/6 ND
1580	WKKD	Aurora, IL	250/250 DA-2 to 1400/1000 DA-2
1590	WHGT	Chambersburg, PA	5000/1000 DA-N to 15000/28 DA-2

#### **FACILITY AND PARAMETER GRANTS**

1050	WEPN	New York, NY	50000/50000 DA-1 to 50000/50000 DA-2
1060	WKMQ	Tupelo, MS	960/31 ND-D to 960/12 ND
1110	WTIS	Tampa, FL	10000 DA-D to 10000 ND
1230	KWNO	Winona, MN	1000/1000 ND to 1000/990 ND
1380	KAGE	Winona, MN	4000/520 ND to 2200/28 ND
1380	WNLA	Indianola, MS	500/44 ND to 390/34 ND
1440	WGLD	Red Lion, PA	1000 ND-D to 730/53 ND
1500	WPJX	Zion, IL	250 DA-D to 250/2 DA-D
1530	new	Billings, MT	50000/750 DA-2 to 3500/750
1570	WFTU	Riverhead, NY	1000/500 DA-2 to 5000/1500 DA-2

#### **PUBLIC LISTINGS COURTESY OF THERADIOJOURNAL.COM AND 10000WATTS.COM:**

540: XESURF 540 Tijuana/San Diego CA flipped on Tuesday 11/27 from "Zoo" country to talk, simulcasting KGIL 1260 Beverly Hills/Los Angeles CA.

820: WAIT 820 Willow Springs/Chicago IL flipped from Catholic religion to progressive talk on Sunday 11/25; the WCPT calls will follow, as the format moves from 850 Crystal Lake IL.

820: WMGG 820 Largo/Tampa FL flips from Spanish oldies "Mega Clasica 820" to Spanish adult hits "La Preciosa."

1010: KCPW 1010 Tooele/Salt Lake City UT flips from NPR news/talk (still heard on sister station KCPW-FM 88.3 Salt Lake City) to 24-hour-a-day BBC World Service programming.

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1660: KXOL 1660 Brigham City/Salt Lake City UT flips from "Radio Unica" Spanish talk to regional Mexican "La Favorita."

That just about clears my "In Tray" for another month so I'll sign off with best wishes for some good DX and A Happy New Year all around The Circle.

*Barry*

# WORLD NEWS

(Europe, Asia, Africa)  
with Ton Timmerman

H. Heijermanspln 10, 2024 JJ Haarlem, The Netherlands  
e-mail:world-news@mwcircle.org

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Here we are again with some world news mostly from the European part of the globe. Wishing you all a very good 2008 with a lot of nice catches in the mediumwave band.

## Denmark

Effective today DR is now longer airing a weather forecast (at 2145-2200 UTC) and the news (at 2200-2205 UTC) on 1062 kHz. The weather forecasts at 0445, 0745, 1045 and 1645 UTC remain on the air. So do the newscasts at 0500, 0800 and 1100 UTC, as well as the navigational warnings at 1700 and the gymnastics programme at 0730 UTC. Besides these few short broadcasts the 250 kW transmitter on 1062 kHz in Kalundborg remains silent for most of the day. More info (in Danish): <http://www.radionyt.com/artikel/default.asp?id=14567>. (*Stig Hartvig Nielsen*)

## Germany

AFN Würzburg, which not long ago changed its name to AFN Franconia, has apparently closed down without any ceremony. Their webpages have been replaced by an announcement "The AFN Franconia audience is now being served by AFN Bavaria. Please visit [www.afneurope.net/bavaria](http://www.afneurope.net/bavaria) for more details!", as can be seen at <http://www.afneurope.net/AFNFranconiaSiteUnderRenovation/tabid/691/Default.a> spx

AFN Bavaria for its part has not updated its frequency information page so far but already added links to the websites of the Ansbach, Bamberg and Schweinfurt garrisons previously served by AFN Franconia. Note also the webcast of their TV news. <http://bavaria.afneurope.net> I have not seen reports about the current use of the former AFN Franconia radio frequencies so far. It remains to be seen for how long the Würzburg transmitters (1143 and 104.9) will stay on the air (in fact I have so far not seen a confirmation that they are still on air at all), since only a few US facilities are left there and will be closed down soon as far as I know.

Apparently the TV operations of AFN Franconia ceased already earlier, here is a discussion of the Bamberg ch. 39 (European channel with video on 615.25, same as American ch. 38) being noted on November 13 to carry AFN Bavaria now while 1143 still had Würzburg programming: <http://forum.mysnip.de/read.php?8773,541197> Herein they discuss that this must be a mistake, wrong feed patched in, because there were no crawls, no nothing. But obviously the plug had been intentionally pulled and patched into the Vilseck feed. (*Kai Ludwig via DXLD*)

One report about AFN frequencies at Würzburg: "104.9 still switches from NPR [Power Network with Mon-Fri relay of All Things Considered] to The Eagle at midnight as it always used to be the case, but I will have to listen a bit more to find out which local content is on air now.

<http://forum.mysnip.de/read.php/8773,485588,551882,sv=1#msg-551882> I understand that this 104.9 transmitter is an own one at Leighton Barracks while 1143 and TV on ch. 47 are Media&Broadcast transmitters (the 1143 audio had been borrowed to test co-located 1386 in late 2003), but that's just from hearsaying.

Tonight it so happens that AFN's Kaiserslautern transmitter on 1107 clearly dominates the frequency: It's about four seconds ahead of 873 with noticeably different modulation (to my taste 873 is already overprocessed, sounds like they have installed a new Optimod 9200 or 9300 and cranked it up). Seems that the Kaiserslautern transmitter still has a direct feed from the studio while Weiskirchen now takes its audio off Hotbird. At 2000 they relayed news (from ABC if I got it right), chopped them rudely off during wrap-up and fired up the next song ("Pure Gold Oldies" says the program schedule) without any jingle or whatever in between. Automation is a pest in

itself, but things get really nasty when it is done so crudely. Pointed out in this forum as well, effective Dec 19: "Today the Burg mediumwave transmitter on 1575 kHz started to air test signals in order to record the parameters of the distribution channel. The measurements will be done daily between 05:00 and 06:00 [CET, = 0400-0500 UT], probably until February 29 2008. At other times the programming of OldieStar and Voice of Russia will be aired as usual."

<http://www.digitalerrundfunk.de/archiv/archiv.php?content=2003&&id=616> No explanations about this "recording the parameters of the distribution channel" are given; maybe it is related to the circumstance that the results for DRM via the NVIS antenna at night are disastrous if I recall correct what I read in passing (*Kai Ludwig via DXLD*)

Tenders advertised for three mediumwave frequencies in The Berlin-Brandenburg Media Council (MABB) decided at its meeting on 7 December 2007, to advertise tenders for the mediumwave frequencies 567 (100 kW), 693 (250 kW) and 1359 kHz (100 kW), all 24 hours a day. There is an option to use DRM on all three frequencies. 567 kHz was abandoned by the previous user, RBB, on 24 January 2006. 693 kHz is currently being used by T-systems for DRM tests of Voice of Russia in parallel with the AM service on 603 kHz. The broadcasting licence of the Voice of Russia runs out on 8 April 2008, and T-systems has indicated that it would like to use both 603 and 693 kHz. Under the rules, a tender has to be issued. 1359 kHz is the frequency previously used by Radio Berlin International.

The Oranienburg transmitter site to the north of Berlin can be used for all three frequencies, according to the MABB. The deadline for applications is 20 February 2008. (*MABB via Media Network blog via Mike Terry via DXLD*)

## Finland

These minutes the 558 kHz transmitter on the Santahamina island east of Helsinki will go dark, if the plug has not already been pulled. So no mediumwave transmitter will be in everyday use in Finland anymore. No chance to follow this here because co-channel Switzerland dominates too much, also when I tried during dusk. Updates from Finland about this? Here is a photo of the transmitter site: <http://hopealehmus.dyndns.org:8080/radio/Santahamina/P1040722.JPG> (*Kai Ludwig via DXLD*)

YLE Finland no longer in the MW band ---  
YLE Helsinki 558 kHz signed off  
transmission on 31st December 2007 at 2200  
UT (midnight Finnish local time) with short  
station announcement. After that I heard an  
unidentified Near East station on 558 kHz. It  
may have been Iran. YLE Finland has now  
closed all SW-, MW- and LW-transmissions.  
At the moment Scandinavian Weekend Radio,  
Virrat 1602 kHz is the only MW station in  
Finland. In summertime you can also hear  
Radio Hami AM 1584 kHz from various  
places. (*Hannu Romppainen*)



The Finnish Broadcasting Company (YLE) has silenced its last remaining mediumwave transmitter on the frequency of 558 kHz. A 50-kilowatt transmitter in the capital Helsinki was closed down at 2200 UTC on December 31, 2007. The Helsinki transmitter was used for relaying talk radio network Radio Peili to neighboring countries. YLE announced the closure of 558 AM in the end of November, as part of measures intended to cut costs. YLE has been forced to reduce expenses as an increasing number of Finland's population has stopped paying license fees which form the backbone of YLE revenue. After the closure of 558 kHz, there are no longer any daily broadcasts

from Finland on the AM band. Only Radio Hami (1584 kHz) and Scandinavian Weekend Radio (1602 kHz) have periodical low-power transmissions. (*DXing.info via Jan Nieuwenhuis*)

## Iran

Ahwaz Radio in Arabic. I picked up a station in Arabic on 711 kHz around 1730 UT neck to neck with the local station of youth and sports. A show called Good Evening was hosted by OM/YL, the style was close to the Arabic section of VOIRI. No songs, or loud music, with listeners call in, followed by an interview with a sheikh taking about Haj, then a program called that day in history, followed by an ID around 1840 UT with a radio drama. They are still on it's 1910 UT and they are still sometimes beating the local network here in Cairo. Any idea about their schedule ? I tried [www.irib.ir/radio](http://www.irib.ir/radio) but couldn't get to Radio Ahwaz, looking for a QSL here. (*Tarek Zeidan via DXLD*)

## Italy

Mr. Andrea Borgnino working at RAI Roma in Saxa-Rubra reports informations from RAI WAY, concerning the recent activation of the RAI Pisa-Coltano new transmitter ( 2 x 55 kW Harris) on frequency 657 kHz , at present moment RAI Pisa-Coltano is still active also on 1062 kHz, after the end of the TESTING period, the 1062 kHz transmitter will be closed down, the RAI 1 Firenze-Testarossa 1368 kHz it seems yet closed down. (*Giampiero Bernardini via Play DX group list*)



Quite good signal from the new Coltano transmitter on 657 kHz tonight, although it's still not on a par with the 600 kW on 900. What about 846 from Santa Palomba? Still on air, but must run really low power, the signal is so weak that at times slope from 837 and 855 almost eats it up (*Kai Ludwig via DXLD*)

## Jordan

1035 Amman FM radio. Around 1700 UT I picked up a station in Arabic broadcasting Arabic songs for King Abdullah of Jordan, followed by another hot about Jordan as well. It was my first time to hear Jordan so clear on that frequency, around 1715 UT there was a jingle AMMAN FM, followed by another Arabic songs. I wonder why an FM station - as the name stated - goes on the MW freq ?? first time to hear that station as well. (*Tarek Zeidan via DXLD*)

## Madeira

These are the new data on PEF-Posto Emissor do Funchal, Madeira island. Encruzilhadas (de Santo Antonio) is the actual place where the present MF tower located, and nearby Barreira is the VHF tower site. Both are just a few km NW of Funchal. PEF was forced to move out of the existing MF site because of dwellers' complaints against interference. It seems that Encruzilhadas de St. Antonio, which I was unable to find in GoogleEarth, is becoming too much crowded with houses, thence the decision of the municipal authority. The first consequence of that was the power reduction: abt. 1 kW which explains why PEF 1530 kHz is so pale for many months now.

The neighbouring Barreira VHF site also will move to the new MF site, where the 60 m high tower (already in place together with the building) will be used for the VHF-FM antennae too. So most probably the MF tower will be grounded and the radiating system consisting of a cage. Despite announcing the new MF & VHF site at Chao dos Balcues is expected to start still this year, it's believed the feasible date is on the occasion of PEF's 60th anniversary, in May'08. (*Carlos Gonçalves*)

## Moldava

Radio Moldova has moved from 1494 to 1485 kHz. Heard November 23 from 2120 UTC and again November 25 from 1720 UT with "Radio Moldova Actualitatsi" - news, weather and sports. Probably this is to avoid QRM from the Russian High Power Station at Krasnyy Bor near Petersburg carrying VOR programmes on 1494 kHz (*Ullmar Qvick via MediumWave.info*)

For some time this transmitter was lingering around 1479. Now there is a blob around 1489, too distorted modulation for identification, but SEEMS to be Moldova, noted at 2200 on Dec 3 (*Olle Alm via DXLD*)

## Netherlands

Have noticed 1485 Haagstad Radio, Den Haag / Rijswijk with open carrier these past few days. Not sure what's going on there.

Okay.. just found that the station lost its licence.. The non-payment of supervision costs since 2004 is the reason given. See: <http://finndxer.wordpress.com/2007/12/08/haagstad-radio-1485-khz-loses-license/> Wish they would turn the transmitter off then. Can just hear Classic Gold 1431/1485 underneath. (*David Only*)

The license extension of the private station Haagstad Radio in the Hague was declined by the responsible authority (CVDM). The non-payment of the supervision costs since 2004 is stated as reason . In the meantime the frequency 1485 kHz was again written out into the Hague, like also same frequency into Tilburg (not used so far) The request period for this ends on 4th January 2008. (*CVDM, Agentschap Telecom*)

This afternoon I hear a testtransmission on 1332 kHz with the call "HOTRADIO Plus". Postal address is P.O. Box 11122, 3505 BC UTRECHT. This is the same address like Quality Radio and the other stations of the well known Ruud Poeze. HOTRADIO Plus has several FM transmitters in the eastern part of the Netherlands. The transmitter on 1332 kHz is located at Lopik. According to the lists a power of 2 kW is allowed; at this moment a reduced power must be used, because I live about 20 kms away: SINPO 45554 at 13.15 hrs UTC and 44544 at 14.45 hrs (Italy QRM). (*Henk Poortvliet*)

Another religious broadcaster on 675? There is a strong rumour going on in Holland that Arrow is talking with another religious group to use or to buy 675 kHz. There are rumours that it will be Radio Maria. They have applied for a licence in NL. The website <http://www.radiomaria.nl> is already on air. On one hand it is a pity that another religious station comes on air on a good frequency, but that seems the only way to have medium wave broadcasts. In the US you see this also happening. (*Eric van Willegen via MediumWave.info*)

When checking the Radio Maria-website, you are redirected to [www.radiomaria.org](http://www.radiomaria.org) (*Ydun Ritz via MediumWave.info*)

The Mighty KBC has just [2259 UTC] closed down on MW 1386 kHz. Music and advertisements as usual together with "Mi Amigo" px. Counting down at 2245 and 2250 before announcing "that The Mighty KBC are closing down on MW" at 2258. (*Ydun Ritz via MediumWave.info*)

## Syria

782, nominal 783, ORTAS, Tartus, is being noted off channel since at least since 01 Nov last; it typically causes a moderate to strong heterodyne; the audio is weak nevertheless (*Carlos Gonçalves via DXLD*)

# CENTRAL AMERICAN NEWS

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with Tore Larsson

## Cuba

“At the Isle of Youth, Radio Caribe is now with a new 5 kW AM transmitter operating on 1220 kHz and Radio Cuba engineers also installed an FM transmitter there operating on 101.7 with 3 kW effective radiated power, more than enough to cover the Isle of Youth and the adjacent Cayo Largo tourist resort. At the same time, the Cuban Broadcast Institute implemented a modernization plan at the Radio Caribe studios using digital technology. The Radio Caribe studios are linked to the FM transmitter using a digital UHF link, and soon the analog UHF link to the AM site will be replaced by a new digital one too. Similar projects are in progress all along the Cuban archipelago, like for example in Matanzas province, east of Havana, where the old Radio Rebelde 30 kW Tesla transmitter that I helped to install in 1963 was replaced by a new solid state 25 kW transmitter capable of up to 125 percent positive peak modulation. Radio Rebelde's Matanzas relay is operating on 620 kHz, while at the same site, a new Radio Reloj network also solid state transmitter is running 5 kW on 860 kHz, improving the coverage of that news and information broadcast service.”  
Arnie Coro, RHC via HCDX 27.11.2007

## Martinique

1310 Radio Martinique, Fort de France - According to an e-mail from Désir Quiquely the power is 5 kW.  
E-mail: desir.quiquely@rfo.fr Bengt Ericson, ARC

1310 Radio Martinique, Fort de France - I received a very nice email last night, as a reply to my reception report sent via air mail five weeks ago. Désir Quiquely, Chef de fab. radio, confirms my 7 September 2007 (Smøla) reception of Radio Martinique 1310. The email also contains three mp3 and three jpg attachments - jingles and photos from the station. This was a very nice email reply, and of course it was a new country in my collection - the first so far this year.  
Arnstein Bue, DX Paradise via finndxer

## Mexico

1090 XEPRS Double X Sports Radio, Rosarito, new slogan Dale Park, NRC IDXD 75/08  
1190 XEXQ R. Universidad, San Luis Potosí, 25/0.3 kW, ex 1460 Glenn Hauser, DXLD 7/141  
1570 XERF La Poderosa, located in the border city of Ciudad Acuña, is by far the most regularly heard Mexican radio station here in Southern Norway. Even so, ‘La Poderosa’ is not a regular catch, and the only chance of catching their signal on 1570 kHz is in the late winter mornings. After a couple of tries, I received a friendly e-mail from Heberto Pérez Espín, Gerente, at the station. ‘La Poderosa’ lives up to their name and transmits with a power of 100 kilowatts targeting Mexicans living in the USA ‘without respect to their migrational status’, as Heberto Pérez Espín puts it. According to their home page, XERF ‘La Poderosa’ covers all of Mexico as well as Texas, New Mexico, Louisiana, Oklahoma, Arkansas, Arizona, Colorado and Kansas.  
Arild’s Radio Blog via finndxer

Here's a great website for fairly detailed maps of Mexican states and cities: <http://www.maps-of-mexico.com/index.shtml>

Steve, Houston TX via ABDX via DXLD 7/149

## St Kitts & Nevis

820 Trinity Broadcasting Network – best address for QSLs: Trinity Broadcasting Network, P. O. Box A, Santa Ana, CA 92711, USA. David Onley via MWC e-mail news 30.11.2007

## US Virgin Islands

970 WSTX Christiansted. From a QSL received by Barry Davies, their address is P O Box 25680, Christiansted, VI 0824-1680 (differs from WRTH -ed). V/s Jonathan Cohen (owner).  
Barry Davies, MWC e-mail news 23.11.2007





## Colombia (ed: TL)

- 1120 HJKQ JB Radio, Tunja, ex Caracol Colombia. "...aquí desde Tunja, capital de Boyacá, 1120 en el AM, emisora JB Radio, la cadena de todos..." Rafael Rodríguez
- 1160 HJ.. "Frecuencia Bolivariana 'tu emisora'", Montería, is a new station found by Henrik Klemetz. Station owner is Universidad Pontificia Bolivariana at the University Campus, Km 8 vía Cereté, Montería, Córdoba. Schedule: 1030-2400. Henrik Klemetz in ConDig
- 1470 HJNT R. Huellas, Cali, ex R. Restauración. The shift took place about half a year ago. Henrik Klemetz  
The station has a web site at: <http://radiohuellas1470.com/> finndxer

### New Colombian radio websites

Some familiar-to-us-DXers Colombian stations have recently put up new websites - all with online listening included:

- 790 Ecos del Combeima - <http://www.ecosdelcombeima.com/>
- 1170 Emisora Meridiano 70 - <http://www.meridiano70.net/>
- 1190 Ondas del Valle - <http://www.emisoraondasdelvalle.com/>
- 1460 Nuevo Continente - <http://www.nuevocontinente.org/> finndxer

## Peru

- 690 R. Manco Capac – new station – maybe from the Puno Region Tetsuya Hirahara
- 710 R. Surpana – new station – from provincia de Azángaro, Puno Tetsuya Hirahara
- 890 Panorama Radio (ex R. Libertad) (CA10) – Address: Jirón San Martín 273, Cajamarca Tetsuya Hirahara
- 910 R. Visión del Altiplano (PU08) – Address: Jirón Huayna Capac, Centro Comercial No 2, Lote 6, Oficina 4, 2do Piso, Juliaca Tetsuya Hirahara
- 930 R. Cadena Colca (PU09) – Address: Jirón Ramón Castilla 861, Juliaca Tetsuya Hirahara
- 970 R. Qollasuyo, Juliaca (ex. R. Visión) (PU11) Tetsuya Hirahara
- 1010 R. San Francisco, Cajamarca, Cajamarca (CA15) – reported not heard by Tetsuya Hirahara
- 1030 R. Sillustani, Distrito de Atuncolla, Puno – new station Tetsuya Hirahara
- 1070 R. Andes, Tarapoto (SM03) – reported not heard by Tetsuya Hirahara
- 1120 Empresa Radiodifusión Cristiana RP, Chota – new station – Address: Jirón Santa Rosa 399 Chota, Cajamarca Tetsuya Hirahara
- 1160 R. Imagen, Tarapoto (SM06) has left MW Tetsuya Hirahara
- 1281 R. Moderna, Cajamarca (CA28) – nf 1280 Tetsuya Hirahara
- 1300 R. La Luz, Tarapoto (SM08) – reported not heard by Tetsuya Hirahara
- 1310 R. Libertad, Arequipa – new station – Address: Av. Independencia, CC Independencia Of. 321D, Arequipa – Tel: 54 20 2022 tips from HM
- 1420 R. Oriente, Yurimaguas (LO10) – reported not heard by Tetsuya Hirahara
- 1458a R. Manantial de Vida (ex. R. San Miguel) (CA36) – Address: Jirón Los Cedros 353, Cajamarca Tetsuya Hirahara
- 1530 R. Capachica, Capachica, Distrito de Capachica, Puno – new station Tetsuya Hirahara
- 1575 R. Nuevo Continente, Cajamarca (ex. R. Frecuencia) Tetsuya Hirahara

## Venezuela (ed: TL)

From Sunday 9.12.2007 the clocks will be set to UTC minus 4.5 hours. That means a move for all the "top of the hour" IDs and sign-off's etc. BBC News and Mark Hattam, MWC e-mail news 9.12.2007

### Unión Radio Venezuela re-arranging its networks

Unión Radio, Venezuela is re-arranging its networks in the beginning of next year. Unión Radio, Puerto La Cruz on 640 AM that presently is part of the Unión Deportes network, will change into a 24h news radio as part of the Actualidad network. Unión Radio Puerto La Cruz on 870 AM (ex-Radio Pueblo) is going to be a sports station in the Deportes network. [enoriente.com](http://enoriente.com) via finndxer

- 630 YVKA R. Nacional de Venezuela "Canal Internacional", Caracas. E-mail address for the program "Contacto con los Diexistas" is [canalinternacionalrnv@gmail.com](mailto:canalinternacionalrnv@gmail.com) Rafael Rodríguez  
The station is off frequency, 631.27 kHz. Marc DeLorenzo, IRCA via DXLD
- 880 YVKV R. Nacional de Venezuela "Canal Musical", Caracas, ex R. Deportiva 8-80 José Elías Díaz via Christer Brunström

# THE HOME FRONT

[British & Irish News]  
with John Williams

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## Ofcom News

### **Ofcom to seek public opinion**

**11 December, 2007**

Ofcom is to hold a series of meetings across the country next year, allowing the public to comment on their plans for media in the UK. A panel of staff from Ofcom will answer questions on all aspects of their remit, including the future of radio and digital switchover. While topics expected to be covered include convergence, public service broadcasting, complaints and programme standards, the regulatory body is also keen to hear views on the evolution of UK radio, including regulation of analogue stations and what opportunities exist for digital platforms.

Another controversial topic expected to be raised is the switchover from analogue transmitters to digital multiplexes. GCap's outgoing chief executive Ralph Bernard has recently criticised Ofcom for failing to set a date for digital switchover, believing the industry could not move forward until such a date was announced. The meetings will provide an opportunity for everyone with an interest in the regulation of the communications industries to discuss Ofcom's approach to television, radio, telecoms and wireless communications services. Each meeting will begin with a brief presentation, after which there will be an opportunity to comment and ask questions.

All meetings, which will include a panel of Ofcom experts, are open and free of charge. Full details of where the events will be held and registration forms can be found here.

(<http://radiotoday.co.uk/news.php?extend.2805>)

### **New AM Community station**

**20 December, 2007**

Ofcom has awarded a full time AM community licence to **Flame Christian Community Radio**.

Contact: Mr Norman Polden, Wirral Christian Media Limited, P.O. Box 53, Upton, Wirral CH49 3WB. Telephone: 0151 643 1696. E-mail address: [office@flameccr.org.uk](mailto:office@flameccr.org.uk) Website:

[www.flameccr.org.uk](http://www.flameccr.org.uk)

Flame Christian and Community Radio will serve the needs of Wirral Christians through radio broadcasting by people within the community. It will also broadcast to the community at large to increase awareness of the local Christian community, and to stimulate interaction between Christians and the community at large. Licences are awarded for a five-year period. The station is not expected to commence for at least 6 months. Details of the frequency are not yet known.

## Commercial Radio News

### **H Bauer to buy Emap stations**

**7 December, 2007**

German magazine publisher H Bauer is confirmed as new owners of Emap radio stations. An official announcement came on Friday morning, which revealed a final offer of £1.14bn being accepted for Emap's consumer magazines and radio stations.

Who are Bauer?



Bauer - pronounced Bower - is a German company which owns around 50 magazine 'brands' in around a dozen countries, from China to the Czech Republic and Austria to America. In the UK, they include Take a Break, Bella and TV Quick. This will not be the company's only radio asset. Bauer took over RMF FM end of 2006, a national radio network with a 22.3% daily share and the undisputed market leader in Poland.

Emap's 38 radio stations, including Clyde and Forth and North Sound, have been sold to Bauer for a total of £422m in cash. ([www.radiotoday.co.uk](http://www.radiotoday.co.uk))

A Scottish view on the take-over:



Scotland's independent radio stations are on the move again. It has been a long time since the likes of Clyde and Forth have been truly independent, but there is something depressing about the way Emap has parcelled them up with its other stations and flogged them just a couple of years after buying Scottish Radio Holdings.

At least they will be spared the indignity of being rebranded as part of Heart, the plan associated with rival bidder Charles Allen. Such a move would have prompted an inquiry about the way local radio licences can be bought, sold and changed out of recognition after they are awarded.

There should be no concern about the fact that the stations' new owner is based in Germany. Continental companies are often better at looking after products with an emotional connection than their UK counterparts. Emap was hardly a shining example of stewardship. Hopefully the new owners will recognise that the value of these stations is not in their transmission rights or advertising sales teams, but in brands with local roots that have been built up over decades. Those brands need investment and attention to detail to avoid becoming tired.

But there is still big demand for truly local stations with presenters who understand their patch and can provide useful local information, even if most of the output is the same pop music that everyone else is playing.

(<http://business.scotsman.com/ViewArticle.aspx?articleid=3588457>)



**RSL & LPAM News**

The following clubs' broadcast their home games as follows:

Football Club	Station	Jan fixtures	Feb fixtures
Crystal Palace	Palace Radio 1278 kHz	1 Norwich 19 Bristol City	2 Southampton 12 Ipswich 23 Wolverhampton
Blackburn	Radio Rovers 1404 kHz	1 Sunderland 19 Middlesbrough	2 Everton 23 Bolton
Manchester Utd	Manchester Utd Radio 1413 kHz	1 Birmingham 12 Newcastle 30 Plymouth	9 Man City
Barnsley	Oakwell 1575 kHz	12 Norwich 29 Colchester	9 West Brom 16 QPR
Rushden and Diamonds	Radio Diamonds 1503 kHz	5 Salisbury 26 Weymouth	9 Halifax 16 Altrincham

In addition Cup Games will be played over this period the details of which are not yet known.

Long standing student station Jam 1575 in Hull is no more. It now only operates via the internet as Jam Radio with new website <http://www.hull.ac.uk/jam/> In Wikipedia it says "From its launch in October 2007 Jam radio became an internet only radio station and its 1575 transmitter is no longer used." Steve Whitt reports "Speaking to station today it confirms no intent to return to 1575. Oddly, I think they are still sticking out a blank carrier on 1575".

New community radio station **Leeds Radio JCom** starts internet broadcasting 9th December and says it will be on its new AM frequency (which?) across North Leeds in the New Year. (According to item in JLife Magazine via Steve Whitt)

# EUROLOG

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

with John Williams

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

<b>kHz</b>	<b>Station, location; details heard etc</b>	<b>SIO</b>	<b>UTC</b>	<b>Date</b>	<b>Who</b>
171	Radio Rossii, Kaliningrad, talk	433	2134	20/ 11	FW
189	Rkisutvaripid Ras 1/2, Pop music	333	0215	22/ 11	FW
189	Rkisutvaripid Ras 1/2, Pop music	333	0210	22/ 12	FW
252	RTE 1 Cork, Christmas songs	322	0950	23/ 12	FW
531	Kringvarp Foroya, Christmas px	222	2355	25/ 12	FW
531	RNE 5 various, ID, news	333	0000	26/ 12	FW
531	Truckradio Burg, News	333	0003	26/ 12	FW
558	R. Svizzera, ID, nes	444	2300	22/ 11	FW
558	Romania Actualitati, Targi Jiu, News, Music px	222	2305	22/ 11	FW
585	RNE 1 Madrid, ID, news	222	0200	10/ 12	FW
594	HR-Info, various, Agrar report, ID,	555	2255	10/ 12	FW
603	RNE 5 various, Talk	222	2250	8/ 12	FW
603	Romania Actiualitata various, ID, news	333	2300	8/ 12	FW
603	France Info Lyon, News	322	2305	8/ 12	FW
630	Romania Actualitati, Timisoara, ID, news	433	0200	23/ 11	FW
630	NRK 1, Vigra, Pop music	222	0210	23/ 11	FW
639	RNE 1 various, ID,	322	0200	12/ 12	FW
666	ERA 5 Atheni, National Anthem	222	2358	23/ 11	FW
666	SER R. Barcelona, ID, news	433	0000	24/ 11	FW
666	RDP Antena 1, various, Pop music	322	0015	24/ 11	FW
666	SER R. Barcelona, ID, news	433	2300	6/ 12	FW
666	RDP Antena 1, Lisboa, talk and music	222	2310	6/ 12	FW
702	CRI , Infos, Adress	444	2257	24/ 11	FW
711	SWR Contra various, Report	222	2255	13/ 12	FW
711	France Info Rennes, ID, news	333	2300	13/ 12	FW
729	RTE 1 Cork, ID, World news, Weather	433	2300	15/ 12	FW
729	BBC R. Essex, Music, Infos	222	2310	15/ 12	FW
738	RNE 1 Barcelona, ID, news	444	2300	16/ 12	FW
738	Truckradio Hirschlanden, Country music	222	2315	16/ 12	FW
774	BBC R. Kent, Music, ID, news	222	1850	25/ 11	FW
774	RNE 1 various, ID, news	333	2300	25/ 11	FW
774	RNE 1 various, talk	333	2255	14/ 12	FW
774	BBC Asia Network, Asian music	222	2315	14/ 12	FW
783	MDR Info, ARD-Night px	555	0200	26/ 11	FW
846	RAI 1/3 Roma, ID, news	333	0200	27/ 11	FW
846	Radio North, Music	222	0210	27/ 11	FW
882	BBC R. Wales, Christmas report	333	0820	24/ 12	FW
909	RNE 5 Palma de Mallorca, talk, ID,	222	2045	27/ 11	FW
909	Radio 5 Live various, Telephone report	444	2255	27/ 11	FW
999	Radio Pridnestrovye, Report	333	1816	29/ 11	FW
999	Rai Uno various, ID, news	433	0200	30/ 11	FW
1026	BBC R. Jersey, Jersey today	222	0000	23/ 12	FW
1035	Northsound Two Aberdeen, ID, news	222	0000	22/ 12	FW
1035	Radio Regina Banska Bystrica, news	444	0000	22/ 12	FW
1044	SER R. San Sebastia, Local news	333	0159	29/ 11	FW
1044	MDR Info, ID News	333	0200	29/ 11	FW

<b>kHz</b>	<b>Station, location; details heard etc</b>	<b>SIO</b>	<b>UTC</b>	<b>Date</b>	<b>Who</b>
1080	SER R. Coruna, Local news "La Coruna"	222	0159	14/ 12	FW
1107	Radio Beograd 1, Novi Sad, Classic music	433	0155	3/ 12	FW
1107	AFN Bavaria, ID, news	222	0200	3/ 12	FW
1107	RAI Uno Roma, PX: Notturo Italiana	211	0155	15/ 12	FW
1107	Radio Beograd 1 Novi Sad, ID "Televison Serbis"	433	0200	15/ 12	FW
1107	AFN Power Network Kaiserslautern, Christmas songs	333	0210	15/ 12	FW
1116	Rai Uno various, National anthem	222	2258	1/ 12	FW
1116	Kossuth Radio, National anthem, ID	433	2300	1/ 12	FW
1116	BBC R. Derby, Breakfast Show	222	0559	26/ 12	FW
1116	BBC R. Guernsy, Boxing day songbook	222	0603	26/ 12	FW
1125	RTBF Vivacité, Houdeng, Music, ID	433	0158	11/ 12	FW
1125	Glas Hrvatske, Deanovec , news	222	0205	11/ 12	FW
1143	Radio Mayak, Classic music, ID,	222	2259	11/ 2	FW
1143	RAI Uno various, National anthem	222	2258	11/ 12	FW
1143	AFN Power Network various, ID	333	2303	11/ 12	FW
1179	SER Radio various, ID, news	222	0200	4/ 12	FW
1179	Romania Actiualitata, Schwin music	444	0210	4/ 12	FW
1197	Virgin Radio various, ID, music	444	2300	5/ 12	FW
1251	Classic Digital Amber, ID, music	222	0010	27/ 11	FW
1323	Gold 1323, Music, ID, Infos	433	0155	29/ 12	FW
1332	Romania Actiualitata, Galati, ID, news	333	2300	7/ 12	FW
1332	Gold 1332, ID, Infos	222	2310	7/ 12	FW
1341	Magyar Katolikus Rádió, Konzert	333	2300	23/ 12	FW
1341	BBC R. Ulster, Christmas Greetings	333	2310	23/ 12	FW
1359	RNE 1 Madrid ID, news	333	0200	28/ 11	FW
1359	Classic 13-59, Infos, Oldies	222	0215	28/ 11	FW
1368	MANX Radio, ID, news	333	2300	3/ 12	FW
1368	BBC R. Lincolnshire, News	222	2305	3/ 12	FW
1404	France Bleu Ajaccio, French Music, ID, News	222	2255	28/ 12	FW
1413	V o Russia, Talk	333	1814	29/ 11	FW
1413	RNE 5 various, Sport "Real Madrid"	433	2258	29/ 11	FW
1413	BBC R. Gloucestershire, News	222	2303	29/ 11	FW
1449	BBC R. 4, ID, news	333	0200	7/ 12	FW
1449	Rai Uno various, talk	222	0210	7/ 12	FW
1476	WNKR (Kent Pirate) ID and Christmas songs	W	1110	23/12	JW
1494	France Blue, Bastia, Pop Music	333	2255	28/ 11	FW
1494	France Info various, News	222	2300	28/ 11	FW
1530	Pulse Gold, Classic Rock, ID	433	0258	2/ 12	FW
1530	Radio Vatican, Religious. Music	222	0330	2/ 12	FW
1530	Pulse Gold "Wonderful Christmas time"	322	0155	23/ 12	FW
1584	BBC R. Nottingham, ID, news	222	2300	4/ 12	FW
1584	SER Radio various, talk	222	2312	4/ 12	FW

Many thanks to:

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

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

The closing date for the next issue is **24 January, 2008**

73's John

# DX LOGGINGS

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

kHz	Callsign	Station, location; details heard etc	SIO	UTC	Date	Who
171		Medi Int, Nador, Morocco; Arabic music	222	2140	20/11	FW
207		RVV Eidar, Iceland; mx // 189 kHz		0632	30/11	TB
530		RVCI, South Caicos; SS noticias, anns, ID "Radio Visión Cristiana Internacional"; also W/F 0801 22/11, vG 0906 25/12	F/G	2246	24/12	mah
530		RVCI South Caicos; SS religious talks xd Swiss Euro	W/Fpks	0640	31/12	Rha
540	CBT	Grand Falls NL; CBC Overnight // 600, 640 kHz	W/F	0816	16/12	PC
540	CBT	Grand Falls NL; CBC talk overnight, xd Euros	W/F	0642	1/1	Rha
550	WSAU	Wausau WI; ABC News, "Here's the 55 SAU forecast", promo for "55 SAU Wisconsin Morning News"	Fpks	0705	31/12	mah
550	CHLN	Trois-Rivières QC; FF tlk, anns, ID "... en cent six neuf FM. CHLN ... sur la frequence cent six neuf FM avec maintenant 100 mil watts de puissance ?? de vous connect"	F/Gpks	0914	15/12	mah
550	<b>HJ--</b>	<b>Radio Nacional de Colombia, two sites listed</b> ; the only clear words were "Nacional de Colombia" coming in on a fade, thanks to HK for confirming. Five minutes later the same station was very strong on 680; <b>UK FIRST</b>	W	0703	27/12	AB
555	ZIZ	R ZIZ, Basseterre, St Kitts; never looked on this channel before but heard BBC World Service News Headlines; <b>personal first.</b>	F	0717	4/12	JF
560	WGAN	Portland ME; "WGAN Weather Watch"; xf CHVO	Fpks	0706	11/12	mah
560	KMON	Great Falls MT; "Big Sky Country, we are 5-60 KMON", country	W/F	0954	9/12	mah
560	CHVO	Spaniard's Bay NL; local Newfoundland ads // 590 kHz	W	0747	5/12	PC
560	CHVO	Spaniard's Bay NL; carols and commercials, mention of "the VOXM network", and also of Newfoundland and Labrador, but not // 590 kHz	Fpks	2307	22/12	AB
570		KNR Nuuk, Greenland; Int Sig, // 650, 900 kHz	W	0925	5/12	mah
580	WKSK	West Jefferson NC (tentative); C&W music, weak in splatter; I guess it was WKSK as they have the greatest power 5000 Watt; no anns/ID heard	W	0648	31/12	Rha
580	WKTY	La Crosse WI; "Sporting News Radio" jingle, ads, promo for "580wkty.com", IDs; xf CFRA	Fpks	0757	31/12	mah
580	CFRA	Ottawa ON; "Duke & The Doctor" Show as per schedule	F	0720	4/12	JF
580	CFRA	Ottawa ON; "News radio, 24 hours a day, newstalk radio 5-80 CFRA" after phone-in	W	0633	10/12	AB
580	CFRA	Ottawa ON; nx, then "CFRA Sports"	W/F	1005	1/1	mah
580	HJHP	R Nacional de Colombia, Cali; music // 680 kHz	W	0610	28/12	AB
580	WKAQ	San Juan PR; list of events in various PR locations – Ponce, Caguas ... and mention of Puerto Rico	F	0748	7/12	PC
590	<b>KSUB</b>	<b>Cedar City UT</b> ; "We are Talk Radio 5-90 KSUB" and into C2C; <b>UK FIRST</b>	W/F	0906	8/12	mah
590	VOXM	St John's NL; VOXM programming	F	2305	22/11	PC
590	VOXM	St John's NL; mx, F/G for ID at 1115, gone by 1131	F/G	1104	27/11	mah
590	VOXM	St John's NL; country	W	0520	1/12	Rha

<b>kHz</b>	<b>Callsign</b>	<b>Station, location; details heard etc</b>	<b>SIO</b>	<b>UTC</b>	<b>Date</b>	<b>Who</b>
590	VOCM	St John's NL; ID "VOCM Your Merry Christmas Station"	F	2206	6/12	JW
590	VOCM	St John's NL; early fade-in, but not as good as 1997; // 560, 650, 740 kHz; not really listenable until 2118 with ads		1908	10/12	TB
590	VOCM	St John's NL; old C&W music, also songs, // 620, 740 kHz	F	0657	31/12	Rha
590	CKRS	Saguenay QC; FF tlk, ID "La radio vous écoute 98 La FM ..." and "98 La FM, la radio ..."	F/G	0935	31/12	mah
600	KSJB	Jamestown ND; tlk show, "It's After Midnight", wx, "... at Classic Country 600 KSJB ...", ads; ID again at 0858 "... After Midnight on 600 KSJB"	Fpks	0854	31/12	mah
600	CBNA	St Anthony NL; CBC News	F/G	0003	4/12	PC
600	CBNA	St Anthony NL (presumed); CBC px		1910	10/12	TB
600	CBNA	St Anthony NL; CBC overnight talk	W	0715	1/1	Rha
600	CJWW	Saskatoon SK; country mx, ID, anns, promos	Gpks	0813	8/12	mah
600	CJWW	Saskatoon SK; C&W songs also music; only on 345° antenna	Wpks	2110	30/12	Rha
600	CMKV	R Rebelde, Urbano Noris; emotional SS ballad // 5025 kHz	W/F	0815	3/12	PC
600	CMKV	R Rebelde, Urbano Noris (pres); SS anns & Cuban info	W	0718	9/12	Rha
610	WIOD	Miami FL; "News Radio 6-10 WIOD 24 hour traffic"	Gpks	0903	24/12	mah
610	KDAL	Duluth MN; ID noted "... on 6-10 KDAL Duluth Superior"	W	0900	8/12	mah
610	CKYL	Peace River AB; news, sports, ID "At 94.9 FM at Peace River and then across the Peace at 6-10 AM, you're listening to your Peace Country favourites - YL Country"; also F 0905 31/12	F/G	0907	9/12	mah
610	CKYL	Peace River AB (pres); old C&W music ... I guess it was YL country	W	0833	31/12	Rha
610	CHNC	New Carlisle QC; FF conversation	F	2334	24/11	PC
610	CHNC	New Carlisle QC; pop sounds & FF anns	W	0700	1/1	Rha
610	CHNC	New Carlisle QC; "Vous écoutez CHNC-CHGM ...."	F	0929	3/1	mah
610	ZYL268	R Itatiaia, Belo Horizonte (pres); Brazilian football commentary – had faded by the time I found Itatiaia's webcast which seemed to be the same commentator. Lists show it to be the most powerful Brazilian on the freq	W/F	2333	28/11	PC
610	UNID	Mexican mx, SS anns mentioning what sounded like "La Frontera"; xd Rebelde	Fpk	0736	24/12	mah
620	CKCM	Grand Falls NL; Local Newfoundland ads // 710 kHz	F	0806	24/11	PC
620	CKCM	Grand Falls NL; VOCM light pops // 650 kHz	W	2313	10/12	BD
620	CKCM	Grand Falls NL; C&W music & songs	W	0654	31/12	Rha
630		RTT Tunis-Djedeida, Tunisia; Arabic talk	333	1932	22/11	FW
639		BBC Zakaki, Cyprus; WS News	222	0205	12/12	FW
640	CBN	St John's NL; "This is CBC Radio Overnight" followed by recorded Deutsche Welle programme	F	0805	24/11	PC
640	CBN	St John's NL; // 1070, 1140 kHz	vP	2120	10/12	mah
640	CBN	St John's NL; "This is CBC Radio 1" heard amid a lot of QRM	W	0704	15/12	AB
640	CFMJ	Richmond Hill ON; "This is Coast to Coast on AM 6-40 Toronto Radio"; also F 0758 17/12	W/F	0833	10/12	mah
640		R Guadeloupe, Point-à-Pitre; FF talks & anns; "RFO" ID; // at 0750 France Inter programme	W/Fpks	0730	9/12	Rha
650	CKGA	Gander, NL; "VOCM – depend on it"	W	2332	24/11	PC
650	CKGA	Gander NL; VOCM Satellite Weather // 590 kHz	G	0135	26/11	JF
650	CKGA	Gander NL; VOCM soft pops // 740 kHz	W	2328	3/12	BD
650		KNR Qeqertarsuaq, Greenland; Int Sig, // 570, 900 kHz	G	0925	5/12	mah
650		KNR Qeqertarsuaq, Greenland; YL talk in Greenlandic	W/F	2332	16/12	PC



kHz	Call sign	Station, location; details heard etc	SIO	UTC	Date	Who
650		KNR Qeqertarsuaq, Greenland; Inuit talk; 345°; + W 0725 6/12	W	0940	31/12	Rha
650	WSM	Nashville TN; country music "6-50 AM WSM" ID	W/F	0814	17/12	PC
660	KFAR	Fairbanks AK (presumed); hrd between 1038 and 1136, but never caught an ID	W	1038	2/1	mah
660	WFAN	New York, NY; "Sports Radio 66 WFAN New York"	W/F	2313	25/11	PC
660	KEYS	Williston ND; easy country & western music in noise/splatter, web address "keys.com"	W/Fpks	1122	31/12	Rha
660	CFFR	Calgary AB; "6-60 News time 12.34"; also W/F 1008 7/12, F 0906 9/12	Fpks	0734	4/12	mah
670	WSCR	Chicago IL; Sporting News Flash, Chicago ads, "This is WSCR 6-70 The Score" ID at 0725	W/F	0720	10/12	mah
670	CMBA	R Rebelde, Arroyo Arenas; SS conversation // 5025 kHz	F	0826	26/11	PC
670	CMQ	Radio Rebelde, Arroyo Arenas; OM/YL chat & melancholy Cuban songs	W	0731	30/11	BD
670	CM--	R Rebelde, 4 possible sites; talk // 5025 kHz short wave	F	0436	1/12	JF
670	CMBA	R Rebelde, Arroyo Arenas; music // 710 kHz	W	0408	31/12	AB
680	<b>KBRW</b>	<b>Barrow AK</b> ; pops & oldies audible appeared anns "KBRW from Barrow AK" & kbrw.org. podcast 360°	W/F	1030	31/12	Rha
680	KBRW	Barrow AK; heard between 0802 and 1010, G at best; Alaska wx at 0802, anns at 0806 "... NATS weather service and this is Alan Bird wishing you a happy and prosperous New Year"; F/G at 0903; F/G at 1000 but no toth ID;	W/Fpks	0806	2/1	mah
680	<b>KNBR</b>	<b>San Francisco CA</b> ; ESPN Radio hrd from 0937 xf CJOB; finally caught ID "KNBR 6-80" at 0958; <b>UK FIRST</b>	Gpks	0958	9/12	mah
680	WRKO	Boston MA; "AM 6-80 WRKO"	W/F	0759	3/12	PC
680	WRKO	Boston MA; "50 thousand watts talk radio ... with the personalities to back it up ... your home for Rush Limbaugh ... WRKO; mixing CFTR and R Nacional, Colombia	G	0300	6/12	JF
680	CJOB	Winnipeg MB; "Coast to Coast on CJOB – more talk, more depth, more callers"; late handover with C2C already started	W/F	0810	9/12	PC
680	CJOB	Winnipeg MB; "The Corus Radio Network presents The Roy Green Show on CJOB 68 ... tune into The Roy Green Show every weekend, Saturday and Sunday, from 1 'til 4 on the Superstation CJOB 68"; also G 0638 8/12, Fpks 0731 3/1	Fpks	0830	28/12	mah
680	CFTR	Toronto ON; "6-80 News time 3.34" then Toronto traffic nx	W/F	0834	4/12	PC
680	CFTR	Toronto ON; "Six Eighty News" IDs in pile-up	G	0302	6/12	JF
680	CFTR	Toronto ON; "6-80 News time 12.19" in news	G	0519	10/12	AB
680	CFTR	Toronto ON; "6-80 News time 1.48"	F/G	0648	10/12	mah
680	HJZO	RN de Colombia, Sabanagrande; lots of SS IDs, e.g. "Escucha Radio Nacional de Colombia"	F/G	0804	22/11	mah
680	HJZO	Radio Nacional, Sabanagrande; ranchero mx & "Radio Nacional de Colombia" ID	F	0658	29/11	BD
680	HJZO	R Nacional de Colombia, Sabanagrande; full ID "Radio Nacional de Colombia" and web address, etc. after song finished at 0501; <b>personal first</b> ; good peaks at times!	G	0501	1/12	JF
680	HJZO	R Nacional de Colombia, Sabanagrande; web address radionacionaldecolombia.gov.co then two IDs; also 28/12	Gpks	0708	27/12	AB
690	CINF	Montreal QC; FF talk	W/F	2228	16/12	PC
700	WLW	Cincinnati OH; Weather "700 WLW" ID	W	2323	5/12	PC

kHz	Callsign	Station, location; details heard etc	SIO	UTC	Date	Who
700	WLW	Cincinnati OH; "Your official weather station News Radio 700 WLW", wx; also F/G 1036 5/12	F	0701	10/12	mah
700	WLW	Cincinnati OH; "700 WLW" ID & WLW News; also rpts and announcement of American Trucking Network; + W 0825 6/12	W/Fpks	0703	31/12	Rha
700	LV3	R Córdoba; songs, SS anns, ID "Usted escucha la Radio en Mendoza, ??1 FM, Cadena Tres Argentina", and "more "Cadena 3 Argentina" IDs; not sure what the reference to Mendoza is, but it seems clear enough!	W/F	0736	24/11	mah
700	LV3	R.Córdoba; SS "Cadena tres Argentina - transmite LV3 Radio Córdoba"; melancholy/romantic and lovely music	W/F	0710	31/12	Rha
702		VOIRI Rashed, Iran; Farsi talk	322	2250	24/11	FW
710	<b>KXMR</b>	<b>Bismarck ND</b> ; ads, "All Night on ESPN Radio"; poor/difficult ID at 1000 "... your home for ... Sports Radio ... KXMR Bismarck Mandan ESPN 7-10"; <b>UK FIRST</b> ; xd others	Fpks	0941	7/12	mah
710	<b>KXMR</b>	<b>Bismarck ND</b> ; ads, IDs "ESPN 7-10. You're on the leader, ESPN 7-10 ... ESPN 7-10 ... ESPN 7-10 ... the leader ... KXMR Bismarck Mandan ESPN 7-10"; better ID today	Fpks	0841	8/12	mah
710	WOR	New York NY; WOR news followed by Joey Reynolds Show	W/F	0807	15/12	PC
710	WOR	New York City NY; "7-10 WOR real life, real people, real talk radio" followed by music	W/Fpks	1006	15/12	AB
710	KIRO	Seattle WA; "... Show on News Talk 7-10 Kiro"; also G for ID at 0948; also Fpks 0723 4/12, Fpks 0828 5/12, W/Fpks 1134 7/12, Fpks 0920 8/12, W/F 0855 9/12, F/G 0919 30/12	Fpks	0823	31/12	mah
710	CKVO	Clarenville NL; country music // 590 kHz	W/F	0802	24/11	PC
710	CKVO	Clarenville NL; country music // 740, 620 kHz	F	2211	6/12	JW
710	CKVO	Clarenville NL; // 590 kHz VOXM, fade-in 1955		1955	10/12	TB
710	CKVO	Clarenville NL; VOXM country // 620 kHz	W	2325	13/12	BD
710	CM--	Radio Rebelde, 4 sites listed; Cuban rhythms // 5025 kHz	W	0733	25/11	BD
710	CM--	R Rebelde, 4 sites listed; SS discussion between YLs // 5025	W	2320	25/11	PC
710	CM--	R Rebelde, 2 possible sites; talk // 5025 kHz short wave	F	0436	1/12	JF
710	CM--	R Rebelde, 4 sites listed; sports commentary // 5025 kHz	F	0327	7/12	AB
711		RTM A various sites, Morocco; Arabic music	222	2315	13/12	FW
720		KNR Simiutag, Greenland; Int Sig, // 650 kHz	W	0929	5/12	mah
730	CHMB	Vancouver BC; "All traffic, all the time, is Vancouver's only radio station exclusively dedicated to traffic ..."	F/G	0859	9/12	mah
730	CKAC	Montréal QC; FF sports talk	F	2325	3/12	BD
730	CKAC	Montréal QC; FF talk with mentions of Montréal and Québec	F	0815	10/12	PC
740	CBX	Edmonton AB; faded during the local ID, giving address, and mentioning "downtown Edmonton"	Fpks	1258	8/12	mah
740	CHCM	Marystown NL; "Radio Newfoundland" ID; country music	W	2223	21/11	PC
740	CHCM	Marystown NL; VOXM country mx	W	0736	25/11	BD
740	CHCM	Marystown NL; VOXM talk programme	W	0840	6/12	Rha
740	CHCM	Marystown NL; "... on 7-40 CHCM Country"	F/G	2154	7/12	mah
740	CHCM	Marystown NL; country music // 590 kHz	W	0730	15/12	JW
740	CHCM	Marystown NL; VOXM ID heard followed by usual VOXM type music	W	0620	20/12	AB
740	CHCM	Marystown NL; C&W music also on 590 & 620 kHz	W/F	0659	31/12	Rha
740	CHWO	Toronto ON; anns "... only on AM 7-40"	W/F	0740	4/12	mah
740	CHWO	Toronto ON; "AM 7-40" Oldies – Perry Como	W/F	0943	16/12	PC
740	CHWO	Toronto ON; "Join us on this holiday... AM 7-40 Toronto"	W	0810	26/12	AB

kHz	Callsign	Station, location; details heard etc	SIO	UTC	Date	Who
740	CMKO	Radio Angulo, Holguín; easy listening SS music, little dialogue; thanks to Henrik Kelemetz who heard “Esta es CMKO Radio Angulo, transmitiendo desde Holguín Cuba”	W	0731	28/12	AB
740	ZYH446	R Sociedade de Bahia, Salvador; Full “Rádio Sociedade de Bahia” ID with frequency and location	F	0000	24/11	PC
750	KFQD	Anchorage AK; “... on 7-50 KFQD”; still W at 1315	W	1133	2/1	mah
750	WSB	Atlanta GA; mentions of WSB in listing of program times	W	0532	10/12	PC
750	CBGY	Bonavista Bay NL; CBC News	W/F	0004	24/11	PC
750	CBGY	Bonavista Bay NL; fade-out 1010, back by 1914	vvP	1010	10/12	TB
750	YVKS	RCR Caracas; ID “RCR Sport Servicio Oficial” heard mid sports commentary	F	0312	28/11	JF
750	UNID	fade-in 1250, beaming NNW (east coast gone by 1040); destroyed by Europlatter from 1330 onwards; too weak to determine px – CBGY on ionoscatter, or something exotic?		1250	10/12	TB
760	WJR	Detroit MI; “newstalk 7-60 WJR”	W	2230	2/12	PC
760	WJR	Detroit MI; “Now, back to the (Mike in the Morning Show? Not on schedule) on 7-60 WJR”	G	0256	6/12	JF
760	WJR	Detroit MI; “News Talk 7-60 WJR”	W	0652	10/12	mah
760	WJR	Detroit MI; “Only on AM 7-60 WJR” heard above QRM	W	0530	14/12	AB
760	WJR	Detroit MI; “News Talk 7-60 WJR”, Midnight Radio Network	F/G	0922	30/12	mah
760	ZYH588	Rádio Uirapuru, Fortaleza; PP talk with mentions of ‘Uirapuru’	W/F	2145	18/12	PC
760	HJAJ	RCN Barranquilla; rolling in nicely; RCN IDs at the half hour after talk; <b>personal first!</b>	G	0130	26/11	JF
770	WABC	New York NY; programme about Health – WABC ID at toth	W	0800	15/12	PC
770	CHQR	Calgary AB; “10 degrees in downtown Calgary. Good morning from the QR-77 24 hour news centre, it’s 3 o’clock”; P/Fpks 1204 3/12, F/G 0700 4/12, W 1203 5/12, F/G 1011 8/12, W/F 1006 16/12, W 1000 26/12, Fpks 1029 28/12	W/F	1001	31/12	mah
770	CM--	Radio Rebelde, unknown location; guitar music // and stronger than 670 kHz	F	0824	7/12	PC
770	HJJX	RCN, Bogotá; football match, which would tie in with their programme schedule. Thank you to Henrik Klemetz for listening to this clip. It is very rare to hear something on 770 for me due to semi-local BBC R Leeds on 774; <b>personal first!</b>	F	0109	3/12	JF
770	HJJX	RCN, Bogotá (tent); SS talk under Rebelde with mentions of Colombia	W	0824	7/12	PC
774		Middle East R, Abis, Egypt; Arabic music; also 222 2305 14/12 322		1845	25/11	FW
774	JOUB	NHK 2 Akita; chimes and JJ songs, in between tlk & anns; // 1386 but no traces of Tianjin “Life Channel”	W/F	1527	31/12	Rha
780	KNOM	Nome AK; light music and anns “KNOM AM & FM in Nome it’s now 1 o’clock” followed by ABC News; after 1100 UTC oldies audible ... it’s presumed the Rick Eason’s Vintage oldie-programme! 360°	W/Fpks	1000	31/12	Rha
780	KNOM	Nome AK; light mx, anns, “9 degrees below zero in the ??? of Nome”	W/F	1024	2/1	mah
780	WBBM	Chicago IL; “News Radio 7-80 WBBM”	W	0410	10/12	PC
780	WBBM	Chicago IL; news reports, promo “wbbm780.com”, IDs; also with ID at 0910; also F/Gpks 0739 5/12, F/G 0807 6/12, Gpks 0848 7/12, F/G 0908 9/12, F 0817 10/12, W/P 0810 16/12, F 0813 28/12, W 0730 30/12, Fpks 0737 3/1,	G Fpks	0708	31/12	mah

kHz	Call sign	Station, location; details heard etc	SIO	UTC	Date	Who
780	CFDR	Dartmouth NS; country mx	232	0658	17/11	MvA
780	CFDR	Dartmouth NS; "All day every day – Classic Country 7-80 Kixx"	F	0818	24/11	PC
780	CFDR	Dartmouth NS; country songs "Fool Such As I"	W	2140	6/12	JW
780	CFDR	Dartmouth NS; fade-in 1945, not clear until 2125; country mx	W	1945	10/12	TB
780	CFDR	Halifax NS; country mx & "7-80 kicks" ID slogan	F	2310	12/12	BD
780	CFDR	Dartmouth NS; classic country audible in splatter; also presumed W 1135 1/12	W	1840	30/12	Rha
780	YVMN	R Coro (presumed); LA songs, almost indecipherable SS jingle ID which I think is "Radio Coro ...", then TC "3, 42 minutos"	Gpks	0741	24/11	mah
780	YVMN	Radio Coro, Coro; Latin rhythms, TC & "Radio Coro"	W	0802	26/11	BD
790	KCAM	Glenallen AK (presumed); rlg px, anns, mentioning "Turning Point" and "Back to the Bible"; difficult copy in splatter	W/F	1029	2/1	mah
790	WAXY	South Miami FL; "... Sports Station South Florida AM ... WAXY AM 7-90 The Ticket", or something close to this!	W	0700	22/11	AB
790	WAXY	South Miami FL; "This is College Football Saturday on Sports Talk 7-90 The Ticket"	Fpks	0821	25/11	mah
790	WAXY	South Miami, FL; Fox Sports Radio; also 074514/12 "The Ticket" ID	W	2331	25/11	PC
790	WAXY	South Miami FL; Fox sports talk & "Sports talk 7-90"	W	0727	26/11	BD
790	WAXY	South Miami FL; "The Ticket" sports talk	W/Fpks	0746	6/12	Rha
790	<b>KJRB</b>	<b>Spokane WA</b> ; Fox Sports Radio, promo "... at KJRB 7-90 The Fan and 790thefan.com"; more IDs at 0800 "KJRB Spokane, Spokane's sports leader, and the home of ... is KJRB 7-90 The Fan" and "7-90 KJRB The Fan" only audible on the 338 degree beverage, xf CFCW; <b>UK FIRST</b>	Gpks	0746	4/12	mah
790	CFCW	Camrose AB (pres); old C&W music/songs also classics	W	0829	31/12	Rha
790	CFCW	Camrose AB; country, anns, ads, jingle "7-90 CFCW" and more country; also Gpks 0747 4/12, Fpk 0922 6/12, F/Gpks 0918 7/12, F/G 0935 8/12, W/F 1012 16/12, Wpks 1021 28/12, F/G 0949 31/12	Fpks	0826	3/1	mah
790	CFNW	Port au Choix NL; Christmas songs, jingle ID "5-70 CFCB"; full network ID with station lists at 2233	Fpks	2226	16/12	mah
800	VOWR	St John's NL; nostalgia mx & "Radio station VOWR"	W	2358	3/12	BD
800	CKLW	Windsor ON; "You're listening to AM 800 CKLW"; also W/F 0738 3/1	W/F	0830	10/12	mah
800	CKLW	Windsor ON (pres); Coast to Coast above VOWR	F	0850	16/12	PC
800	CKLW	Windsor ON; sports promotion "... on am800cklw.com"	W	0732	31/12	Rha
800	CHRC	Québec QC; FF anns, possible "CHRC" IDs	Fpks	0930	3/1	mah
800	CHAB	Moose Jaw SK; songs, ID "The music you remember, the station that never forgets, the greatest hits of all time 800 CHAB"	Fpks	0928	7/12	mah
800	PJB	TWR, Bonaire, Netherlands Antilles; full address of station given at end of religious broadcast	F	0025	21/11	PC
800	PJB	TWR Bonaire, Netherlands Antilles; PP rlg px, <a href="http://www.transmundial.com.br">www.transmundial.com.br</a> and "Rádio Transmundial" ID, TC	W/F	0729	19/12	mah
800	UNID	Mexican mx; SS anns/tlk at 0926	Fpks	0920	5/12	mah
820	KCBF	Fairbanks AK (pres); ESPN sports talk xd TBN religious tlk px only on 345° beverage, so I guess it was KCBF for a little while	W/Fpks	0743	6/12	Rha

kHz	Call sign	Station, location; details heard etc	SIO	UTC	Date	Who
820	KCBF	Fairbanks AK; "ESPN Radio Sports leader is KCBF 8-20"; sports talk; 360° antenna	W/F	0820	31/12	Rha
820	KCBF	Fairbanks AK; ESPN Radio, very poor/difficult to ID "8-20 Sports is on KCBF ... we're in the game"; also Fpk 1203 2/1	W	0758	3/1	mah
820	WNYC	New York NY (presumed); BBC WS music just detectable in the noise; peaking to weak around 1045, but gone by 1100	vW/P	1030	6/12	mah
820	WBAP	Ft Worth TX; "News Talk 8-20 WBAP. It's 1.06 on the Midnight Radio Network on News Talk 8-20 WBAP"; also F/G 0831 28/12	W	0706	10/12	mah
820	<b>KUTR</b>	<b>Taylorville UT</b> ; ads, ID "AM 8-20 inspiring, uplifting music, AM 8-20 featuring music on FM 100 Soft Sunday Sounds"; <b>UK FIRST</b>	W/Fpk	1048	9/12	mah
820	KGNW	Burien-Seattle WA; mx, "You're on 8-20 AM KGNW. You're listening to 8-20 AM KGNW"	Wpk	1055	9/12	mah
820	CHAM	Hamilton ON; "You're listening to Hamilton's country legend" noted in the mix	Fpks	0904	16/12	mah
820	CM--	R Reloj, Contra maestre; 3 Cuban stations listed here; "RR" Morse IDs; WRTH 2008 lists this as Contra maestre – I believe <b>PL's logging</b> of 18/9 may have been a <b>UK First</b> ; xd another Cuban and a station with BBC WS, I believe	Fpks	1006	6/12	mah
820		TBN Charlestown, Nevis; rlg	232	0655	17/11	MvA
820		TBN Charlestown, Nevis; religious talk & preaching	W/Fpks	0605	1/12	Rha
820		TBN Charlestown, Nevis; ranting preacher // televised webcast	F	2315	4/12	PC
820		TBN Charlestown Nevis; US preacher with Christian songs show	W	2348	10/12	BD
830	KSDP	Sand Point AK; Christmas songs, ID "You're listening to KSDP Sand Point ..."	W/F	1023	2/1	mah
830	WCRN	Worcester MA; mentions of 'WCRN' in talk programme	W	0759	24/11	PC
830	WCRN	Worcester MA; WCRN talk show & "AM 8-30 WCRN" ID	W/F	2333	10/12	BD
830	WCCO	Minneapolis MN; promo, jingle ID "Minnesota Radio WCCO"; at 0923 F/G for "Audio on demand – anytime 830wcco.com"; also W/F 0732 7/12, Fpks 0731 16/12, F/G 0832 28/12, W/F 0736 30/12	F	0740	5/12	mah
830	WCCO	Minneapolis MN; "wcco.com", ID; was expecting WCRN!; best signal of the whole night		2205	10/12	TB
830	YVLT	R Sensación, Caracas; SS anns, TC, ID "Desde Caracas, Venezuela, transmite La Nueva Sensación, 830 AM"	W/F	0833	23/11	mah
840	WHAS	Louisville KY; "84 WHAS" News, local ads	W/F	0805	3/12	PC
840	WHAS	Louisville KY; WHAS jingle, wx, ID, Christmas songs	F	0506	26/12	mah
846		Guanyin Taoyan Han Sheng, China; Chinese female, mx px	343	2124	18/11	MvA
850	KOA	Denver CO; "It's 12.03 at News Radio 8-50 KOA"; also F 0835 28/12	Gpks	0703	8/12	mah
850	WFTL	West Palm Beach FL; "It's time to make a move with ... News Talk 8-5-0 WFTL", followed by YL with weather	W	0732	15/12	AB
850	WFTL	West Palm Beach FL; "Newstalk 8 5 0 WFTL" ID; fair levels and alone!	F	0130	25/12	JF
850	WEEI	Boston MA; "Sport Radio 8-50 WEEI"	W	0806	3/12	PC
850	WEEI	Boston MA; sports talk	Fpk	2148	10/12	TB
850	WEEI	Boston MA; ID, sports news	W	2259	21/12	JW
860	CJBC	Toronto ON; FF talk with mentions of Montreal	W/F	2252	4/12	PC

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870	WWL	New Orleans LA; "Sunday Night Football from Westwood One" New Orleans Saints match. Fox Sports references	F	0206	26/11	JF
870	WWL	New Orleans LA; "On wwlam.com" web address given	W	0513	5/12	AB
870	WWL	New Orleans LA; end of Coast to Coast, WWL ID	W	0800	6/12	PC
870	CMDC	R Reloj, Sancti Spiritus; time pips mixing WWL	W	0205	26/11	JF
870	LRA1	R Nacional, Buenos Aires; SS anns, temperatures, "Otra frecuencia – imposible! AM 8-70 Nacional, la radio música"	F/G	0702	24/11	mah
880	WCBS	New York NY; "WCBS News time 6.34"	F	2334	25/11	PC
880	WCBS	New York NY. WCBS Weather report. Rolling news	G	0211	26/11	JF
880	WCBS	New York NY; weather forecast on "WCBS ... weather"	W	0530	1/12	AB
880	WCBS	New York NY; - newslines WCBS	W	0722	6/12	Rha
880	CKLQ	Brandon MB; C&W music/songs& "8-80 CKLQ" anns; I was surprised and very lucky this morning to get this great catch of a prairie station ! only on the 345° antenna	W	0655	2/1	Rha
890	WLS	Chicago IL; "...right here on Chicago's talk station 8-90 AM WLS"	W	0839	4/12	PC
890	WLS	Chicago IL; "Chicago's talk station 8-90 AM WLS"	W	0911	10/12	mah
890	WAMG	Dedham MA; dropped on frequency just right to hear a local ID	F	0139	26/11	JF
890	WAMG	Dedham MA; tuned in to "...on 8-90 ESPN" followed by ads	W	0819	3/12	PC
890	WAMG	Dedham MA; ESPN Radio with sports talk; also W 0751 6/12	W	0725	31/12	Rha
890	WAMG	Dedham MA; sports talk, mention of phone number "1-866-ESPN-890 1-866-377-6890" for callers	Fpks	2306	2/1	mah
900		KNR Uummannaq, Greenland; Int Sig, // 570, 650 kHz	F	0925	5/12	mah
900	XEW	W Radio, México DF; SS anns, IDs "W Radio ... ?50 mil watts de potencia", and "W Radio presenta .."	G	1039	5/12	mah
910	CKDQ	Drumheller AB; country mx, ID "Q country – Q91"	F/G	0815	4/12	mah
910	CMFA	R Cadena Agramonte, Camagüey; SS anns, ID "Desde Latina del Mayor, transmite Radio Cadena Agramonte, Camagüey, Cuba"	Fpks	1002	12/12	mah
910	LR5	La Red, Buenos Aires; SS anns, ID "La Red Informativa"	W/F	0703	24/11	mah
920	KSRM	Soldotna AK; hrd between 0928 and 1302; "This is the Talk Radio Countdown Show", ads; zapped for the toth ID; ABC News, local ads for Soldotna at 1105	Fpks	1058	2/1	mah
920	KXLY	Spokane WA; "News Radio KXLY 9-20" noted in the mix; also Fpks at 1038 for ID "News Radio 9-20 KXLY"; also W/F 1118 7/12, Fpk 0831 17/12	W/F	0805	4/12	mah
920	WOKY	Milwaukee WI (presumed); songs, jingle "Oldies Radio 9-20"	F	0833	17/12	mah
920	CFRY	Portage la Prairie MB; country mx, "Now this update from the Canadian Press", news, ID "Merry Christmas, all the best this holiday season, from all your friends at Real Country Radio CFRY"; also W/F 0733 7/12, W/G 0837 28/12, Fpks 0752 3/1	Fpks	0957	2/1	mah
920	CJCH	Halifax NS; Christmas mx . "In Halifax, this is CJCH 9-20 AM. Online at cjch.ca"	G	0810	3/12	PC
920	CJCH	Halifax NS; promo for a show "weekday mornings on all oldies vW AM92 CJCH"		0804	4/12	AB
920	CJCH	Halifax NS; fade-in 1942, not clear until 2146, soft pops		1942	10/12	TB
920	CJCH	Halifax NS; Christmas songs & "92 CJCH" ID	F	2330	12/12	BD
920	CKNX	Wingham ON; country mx, "Hometown Radio we are AM 9-20 CKNX. Stick around, we'll be right back", ads; F/G at 1017 for "This is AM 9-20 CKNX"	F	0922	10/12	mah

<b>kHz</b>	<b>Callsign</b>	<b>Station, location; details heard etc</b>	<b>SIO</b>	<b>UTC</b>	<b>Date</b>	<b>Who</b>
920	CKNX	Wingham ON; "AM 9-20 CKNX" below CJCH	W	0826	15/12	PC
920	CKNX	Wingham ON; difficult audio, but item about Toronto's Maple Leafs (ice hockey team) on "the sports leader for mid-western Ontario, AM 9-20 CKNX"; heavy QRM	F	0638	29/12	AB
920	YVQX	R Nueva Esparta, Porlamar; LA mx, SS ID/TC "Nueva Esparta 9-20 AM - 3, 44 minutos"	F	0744	24/11	mah
920	UNID	"More Music, Your Way" heard in the mix – but no Disney listed for this channel	Fpk	0831	17/12	mah
930	WBEN	Buffalo NY; CBS News, "Good morning, it's 4.03 from Tom Connelly News Radio 9-30 WBEN. Here's what's happening in Buffalo" and tfc	Fpks	0903	12/12	mah
930	CFBC	Saint John NB; "Good time oldies – 93 CFBC" Rising over CJYQ	F	2234	25/11	PC
930	CFBC	Saint John NB; OM ID and 40s mx; fast flutter	Fpks	2240	10/12	TB
930	CFBC	Saint John NB; playing oldies	W	2303	21/12	JW
930	CJYQ	St John's NL; religious talk //webcast	W/F	2217	21/11	PC
930	CJYQ	St John's NL; folk mx	W	2347	3/12	BD
930	CJYQ	St John's NL; Irish folk mx, xf CFBC	Fpks	2245	10/12	TB
940	WINZ	Miami FL; "Put your thinking cap on – this is 9-40 winz"	F	0759	25/11	PC
940	CINW	Montreal QC; news items - IDing as "9-40 Montreal"	W	0047	1/12	PC
940	CINW	Montreal QC; tlk, ID "... on 9-40 Montreal is sponsored by ..."	Fpks	2226	15/12	mah
940	CINW	Montreal QC; a snowy weather report and forecast followed by "on 9-40 Montreal". First time heard for a very long time.	W	0006	17/12	AB
940	CJGX	Yorkton SK; country mx /webcast; still around at 1100	W	0919	9/12	PC
940	CJGX	Yorkton SK; country mx, anns "... on GX-94"	Fpks	0712	31/12	mah
950	KJR	Seattle WA; "Be sure to tune into the ?? ?? Show every Thursday at 5.30 ... on Sports Radio 9-50 KJR"; also Fpks 0821 4/12, W/F 0818 7/12, W/F 0738 8/12	W/F	1002	31/12	mah
950	CFAM	Altona MB; classical mx // 1250 kHz	W/F	0739	7/12	mah
950	CFAM	Altona MB; classical and Christmas music; ID at toth "This is CFAM" then unclear word, possibly "news", first time I've heard ID from the station; at 0650 "CFAM Radio 9-50" with weather forecast: a "high of -23"!!!!	W	0600	8/12	PC
950	CFAM	Altona MB (pres); concerto music // weaker 1250; audible under Euros only on 345° antenna	W	0858	2/1	Rha
950	CKNB	Campbellton NB; 70s pop; "Your community, your radio station 95 CKNB"	F	0853	3/12	PC
950	CKNB	Campbellton NB; true oldies out of the 70's, "95 CKNB"	W/F	0756	2/1	Rha
950	CM--	Radio Reloj, 2 sites listed; "Radio Reloj"; rolling SS news with "RR" ID	W/F	0808	13/12	PC
960	WEAV	Plattsburgh NY; could just make out a couple of references to "Burlington" and "University Mall" (located in Burlington) – served by WEAV. Long ID mentioning "-EA-" and what sounded like "WPLJ"	W	0659	5/12	PC
960	CFAC	Calgary AB; promo for "All News Radio 6-60 News", local ads, promo ending "It's sports, Calgary style"; ESPN Radio	F	0940	8/12	mah
960	CFFX	Kingston ON; "Lite 104.3, Kingston's Lite Rock"	W/F	0616	5/12	PC
960	CFFX	Kingston ON; light rock music pieces with anns "Kingston's light rock"	W	0750	2/1	Rha
960	CM--	Radio Reloj, 4 sites listed; rolling SS nx with morse 'RR' IDs	F	0754	24/11	PC

kHz	Callsign	Station, location; details heard etc	SIO	UTC	Date	Who
960	UNID	Sports talk about Orange Bowl match ( CFAC? with good conditions to Alberta and MidWest)	W/F	0833	4/12	PC
970	KFBX	Fairbanks AK; heard between 0830 and 1256; CNN radio News, promo "Start your day with The Morning Show on KFBX" and KFBX weather; also Fpks 1200 3/12, W 1206 5/12, W/F 1005 9/12, W/F 1005 16/12	F/G	1033	2/1	mah
970	WDAY	Fargo ND; I was very surprised and lucky to catch this one. I tuned in at 0058utc and instantly heard an ID. There was sports talk through the top of the hour and no legal ID. I heard a 2nd ID at 0103. Without the immediate ID I would have dismissed this signal as WZAN. What was odd was the fact that I heard no other DX from the US/Canada as far inland (not even tentative!) <b>Personal first; also first North Dakota at home</b>	Fr pks	0058	7/12	SW
970	WZAN	Portland ME; "9-70 WZAN"	W	0949	6/12	PC
970	WZAN	Portland ME; "9-70 WZAN Portland" ID & CNN News	W/F	0800	8/12	BD
970	WZAN	Portland ME; "Sports Radio this is WZAN" heard among noise	W/Fpks	0257	9/12	AB
970	WZAN	Portland ME; slow-talking OM, sounded stoned; severe splatter from Asian Sound		2139	10/12	TB
970	WZAN	Portland ME; ads, ID "9-70 WZAN"	Fpks	0744	24/12	mah
980	CKNW	New Westminster BC; "You've been listening to Network Replay on CKNW Newstalk 98 – for a complete Network Replay schedule visit cknw.com", ads	Fpks	0828	4/12	mah
980	HJES	RCN Cali; OM talk // 760 & 770 kHz	F	0220	4/12	JF
990	CBY	Corner Brook NL; CBC Overnight // 1070 kHz	W	0808	15/12	PC
999		RTM A, Tanger, Morocco; Arabic Talk	322	0155	30/11	FW
1000	KOMO	Seattle WA; "KOMO 1000 traffic on the 4s" Reporting snow and oversized(?) vehicles prohibited on the passes	W	0525	3/12	PC
1000	KOMO	Seattle WA; "Komo 1000 News" ID at 1.00 am & "K-O-M-O Seattle", followed ABC News; at the end of news, weather forecast for Seattle & Washington; only on 345° beverage, audible for 10 minutes	W/Fpks	0756	6/12	Rha
1000	KOMO	Seattle WA; news reports "Komo 1000 News"; hrd on 13 days during December	Gpks	0806	3/1	mah
1000	WMVP	Chicago IL; "ESPN 1000" and local Chicago ads	F	0857	9/12	PC
1000	WMVP	Chicago IL; ESPN Radio; also W/F 0844 6/12	F/G	0842	10/12	mah
1000	XEOY	México DF; SS anns "... la capital cultura por radio mil", tlk px	W	0748	3/1	Rha
1008		Punto Radio, Las Palmas, Canary Islands; Spanish talk, ID "Radio Punto"	211	2250	27/12	FW
1010	CBR	Calgary AB; Radio Australia; at 1000 "CBC Radio 1" and "This is the CBC News"; also // 740 kHz W/F 1010 8/12	W/F	0950	3/12	mah
1010	CFRB	Toronto ON; sports xd the stronger 10-10 Wins New York	W/F	0825	1/1	Rha
1010	CFRB	Toronto ON; "News talk 10-10 CFRB"	F	0836	26/11	PC
1010	CFRB	Toronto ON; Weak talk with ID "On News Talk 10-10 CFRB"	W	0615	30/11	AB
1010	CFRB	Toronto ON; CFRB talk show	W/F	0012	4/12	BD
1010	CFRB	Toronto ON; YL ID "Newstalk 10-10 CFRB ..it's 5 o'clock. 25cms of snow expected by the end of the weekend"; still there at 1015 hours	F	1000	16/12	JW
1010	WINS	New York NY; "10-10 Wins sport" Sports scores	F	2347	23/11	PC
1010	WINS	New York NY; Wins traffic & sports	W	0014	4/12	BD
1010	WINS	New York City NY; "WINS news time 3.09. With Christmas just a couple of days away..."	F	0809	22/12	AB



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1020	KDKA	Pittsburgh PA; "KDKA Sports Desk"	W/F	2345	5/12	PC
1030	WBZ	Boston MA; ads and news reports	F	2316	5/12	JW
1030	WBZ	Boston MA; "WBZ news" mentioned in news items	W	0807	8/12	AB
1030	WBZ	Boston MA; nx		2200	10/12	TB
1030	UNID	Rlgs station heard under WBZ with "Back to the Bible" promo and phone number; unusual to hear anything other than WBZ on this channel	Fpk	1048	5/12	mah
1040	WHO	Des Moines IA; "America in the Morning", "News Radio 10-40Gpks WHO", xf presumed CKST with ESPN Radio		1019	5/12	mah
1040	CKST	Vancouver BC; ESPN Radio "The Team 10-40"anns, with live sports basketball & superbowl; on 345° antenna	W	0756	31/12	Rha
1040	CKST	Vancouver BC; sports replay, Anaheim vs Vancouver NHL game heard from 1003; "The Team 10-40" IDs after the game ended at 1053; also F/G 1107 3/12	G	1053	31/12	mah
1050	WEPN	New York NY; New York ads, "10-50 ESPN New York"	F/G	2155	5/12	PC
1050	WEPN	New York NY; sports talk on the "Angels"	W	2307	5/12	JW
1050	WEPN	New York City NY; promo for a trip to Atlantic City, "Keep listening to 1050 ESPN New York"	F	0742	8/12	AB
1050	CHUM	Toronto ON; oldies – Meatloaf, The Who, "CHUM 10-50" jingle	F	0835	16/12	PC
1060	WBIX	Natick MA; "AM 10-60 WBIX"	W	0830	4/12	PC
1060	WBIX	Natick MA; ID heard in pile-up at the top of the hour	W	0200	5/12	JF
1060	WBIX	Natick MA; fade-in 1925 but no clear audio until 2203		1925	10/12	TB
1060	WBIX	Natick MA; talk with ID "On WBIX 10-60" mixing with music probably from XEEP	Fpks	0807	15/12	AB
1060	WBIX	Natick MA; USA Radio Network News WBIX programme promo	W	0404	30/12	BD
1060	<b>KYW</b>	<b>Philadelphia PA</b> ; "KYW News time eight fifty-five". CBS news heard later	F	0155	8/12	AB
1060	CKMX	Calgary AB; country mx, "AM 10-60" followed by public service announcement from "the Brewers of Canada" then "from Sundre to Southland Drive, your Classic Country AM 10-60"; <b>personal first</b>	W/F	0813	4/12	PC
1060	CKMX	Calgary AB; country, ads, ID "Classic Country AM 10-60"	F/G	0840	4/12	mah
1060	CKMX	Calgary AB; mainly classic country and in splatter and noise the station ID audible "Classic Country AM 10-60"; 345° antenna	W/Fpks	0810	31/12	Rha
1060	CM--	R 26, Matanzas; SS anns "... de Cuba, Instituto Radio 26 ..."	Fpk	0830	14/12	mah
1060.01	XEEP	Radio Educación, Mexico City; YL with SS studio talk	W	0703	3/12	BD
1060	XEEP	R Educación, México DF; SS female ann	242	0011	6/12	MvA
1060	XEEP	R Educación, México DF; jazz // 6185 kHz	W	0755	6/12	PC
1070	KNX	Los Angeles CA; "This is KNX 10-70 News Radio"; also F/G at 1207; also F 0841 4/12, Fpks 0743 5/12, W/F 0945 8/12, Fpks 0952 31/12	F/G	0916	9/12	mah
1070	CBA	Moncton NB; "This is CBC Radio One"; also W 0741 1/1	W	2359	24/11	PC
1070	CBA	Moncton NB; CBC reports & talk overnight programme	W/Fpks	0611	1/12	Rha
1070	CBA	Moncton NB; "CBC Radio 1" ID & CBC News	W	0800	3/12	BD
1070	CBA	Moncton NB; talks	333	2327	5/12	MvA
1070	CBA	Moncton NB; CBC news, weather and time check "22 minutes before six o'clock"	F	2130	6/12	JW

kHz	Callsign	Station, location; details heard etc	SIO	UTC	Date	Who
1070	CBA	Moncton NB; // 600 kHz		1925	10/12	TB
1069.98	CHOK	Sarnia ON; mx, under/over CBA, with several IDs heard between country mx; jingle ID at 1043	Fpks	1035	31/12	mah
1070	WMIA	Arecibo PR; local ad “..en Avenida Santiago Iglesias numero 158 en Arecibo.....la Farmacia del Pueblo con telefono 878-2450.....IRMA Sierra Cordova”; full details of this pharmacy in Arecibo found via Google; <b>personal first</b>	F	2350	24/11	PC
1080		RTM Q Casablanca, Morocco; Koran	222	0205	14/12	FW
1080	KUDO	Anchorage AK; hrd between 1109 and 1301, but didn’t catch an ID, always fading at the appropriate time; Air America – Iowa Caucus Night	Gpks	1130	2/1	mah
1080	WTIC	Hartford CT; sports report	W	0012	25/11	BD
1080	WTIC	Hartford CT; ID at toth “This is WTIC News talk 10-80. On the hour every hour..... WTIC news now.”	F	0800	3/12	PC
1080	WTIC	Hartford CT; blasting the Euros to pieces; totally dominant with VG usual talk		0228	7/12	JF
1080	WTIC	Hartford CT; “WTIC News Talk 10-80 and wtic.com”	F	2336	7/12	AB
1080	WTIC	Hartford CT; C2C talk, Joey Reynolds Show and promo “...listen all day, every day and podcast wtic.com”	F	0743	1/1	Rha
1090	KPTK	Seattle WA; breaking through the splatter on peaks; ads, promo “... on Seattle’s progressive talk, AM 10-90”; Fpks 0848 30/12	Gpks	1021	31/12	mah
1098		RTI Kouhu, Taiwan; mx, // 7130 kHz	vP	1515	9/11	TB
1100	WTAM	Cleveland OH; C2C followed by ads and “WTAM 11-hundred” ID	F	0830	3/12	PC
1100	WTAM	Cleveland OH; Cavaliers Radio Network, “pausing for station identification” – ID included “WTAM 1100 Cleveland”	Fpks	0300	9/12	AB
1100	WTAM	Cleveland OH; traces of presumed C2C tlk, “WTAM 1100” ID	W	0730	1/1	Rha
1110	WBT	Charlotte NC; “News talk 11-10 WBT”	W/F	2333	23/11	PC
1110	WBT	Charlotte NC; “News Talk 11-10 WBT”	W	2133	5/12	mah
1110	WBT	Charlotte NC; news report ending “I’m ? for 11-10 WBT”	W	0301	9/12	AB
1110	WBT	Charlotte NC; talk, presumed C2C, QRM from the UK	W	0735	1/1	Rha
1120	KMOX	St Louis MO; “News talk 11-20 KMOX”	W	0800	4/12	PC
1120	KMOX	St Louis MO; “This is the perfect choice for you, it’s News Talk 11-20 the Voice of St Louis” followed by bad weather report, 28° in downtown...”	F	0504	16/12	AB
1130	WDFN	<b>Detroit MI</b> ; “noted in the mix “This is ... Radio 11-30 WDFN”; <b>personal first</b> ; also Fpks 2126 10/12	Wpk	1103	10/12	mah
1130	KFAN	Minneapolis MN (pres); ESPN radio under WBBR	W	0803	8/12	PC
1130	KFAN	Minneapolis MN; sports news, ID “Calling Minnesota, check out The Fan and Mankato, on KYSM AM 12-30”; also G 1121 5/12, F/G 0741 7/12, Gpks 0717 8/12, Fpks 0900 10/12, Fpks 1100 15/12	F/G	0903	28/12	mah
1130	WBBR	New York NY; “...today on Bloomberg 11-3-0”	F	2317	22/11	PC
1130	WBBR	New York City NY; financial and sports news on “Here on Bloomberg Radio”	F	0703	24/11	AB
1130	WBBR	New York NY; Bloomberg business nx	W	0740	3/12	BD
1130	WBBR	New York NY; Bloomberg business talk	W/Fpks	0720	6/12	Rha
1130	WBBR	New York NY; nx	333	0807	6/12	MvA
1130	WBBR	New York NY; finance news	W	0811	6/12	JW
1130	WBBR	New York NY; nx	vvP	1000	10/12	TB

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1130	WBBR	New York NY; Bloomberg anns & sport info	W/Fpks	0723	1/1	Rha
1130	WISN	Milwaukee WI; C2C, ads, promo/ID "What does WISN Radio have in common with your in-laws? ..."; 1101 more IDs "News Talk 11-30 WISN" ; WBBR had just faded down (and out)	Fpks	1059	10/12	mah
1130	CKWX	Vancouver BC; "Vancouver's news station, News 11-30"; audible most of the morning, W/F 1211; heard on 11 days during December	F/Gpks	0723	31/12	mah
1130	CKWX	Vancouver BC; "News 11-30 sports coming up after weather 7° F in Vancouver"; only on 345° antenna		0753	31/12	Rha
1130	ZYJ460	RN, Rio de Janeiro (pres); live football comments/reports; PP talk px Sao Paulo, Rio and Santos – later WBBR dominant	W	0709	9/12	Rha
1130	<b>YVKQ</b>	<b>R Popular, Barquisimeto</b> ; SS; anns "... en la hora en la música popular por los 11-30 Popular", talk and publicity about Barquisimeto; <b>my first log of this!</b>	W/Fpks	0700	27/12	Rha
1130	YVRL	R Ideal, Maiquetía; SS ID "Radio Ideal, 1,130 AM la emisora romantica ..."	W/F	0748	24/11	mah
1140	KSLD	Soldotna AK; heard between 0950 and 1312, vG at best; oldies, vG rock mx, ID "This is your favourite classic rock experience, at 11-40 AM KSLD, the King of the Kenai"; also F 1203 3/12	Gpks	1123	2/1	mah
1140	WQBA	Miami FL; "La Voz de Miami" ID	W/F	0452	24/11	PC
1140	WQBA	Miami FL; "La Once Quarenta AM, La Voz de Miami" ID after promos	W	0458	24/11	JF
1140	WQBA	Miami FL; WQBA call-sign and "once-cuarenta" heard	F	0530	12/12	AB
1140	WQBA	Miami FL (presumed); SS anns, "Noticias 11-40"	Wpk	0815	3/1	mah
1140	CHRB	High River AB (presumed); off channel; ad break including ad for buysell.com and 1-800 668 9226 number - Google search brings up British Colombia	F	0620	4/12	JF
1140	CHRB	High River AB; country, ID "30 years and still counting, thanks for being part of it – southern Alberta's community radio station AM 11-40"; also Fpks 1122 6/12, F 0902 7/12, F/G 1021 8/12, W/F 1124 16/12, Fpks 1057 25/12	Gpks	0955	30/12	mah
1140	CHRB	High River AB; C&W music in splatter; anns "Southern ... Community radio station AM 11-40"; ten minutes later was a religious programme ; only on 345° antenna	W/Fpks	0745	31/12	Rha
1140	CBI	Sydney NS; "The news is next on CBC Radio One"	W/F	0159	24/11	PC
1140	CBI	Sydney NS; talks	232	0005	6/12	MvA
1140	CBI	Sydney NS; fade-in 1942, // 600, 1070 khz		1942	10/12	TB
1140	CBI	Sydney NS; CBC current affairs // 1070 kHz	W/F	2338	12/12	BD
1150	WHBY	Kimberly WI (tent); Coast to Coast	W/F	0756	5/12	PC
1150	WHBY	Kimberly WI; "Your voice for the Green Bay Packers, News Talk 11-50 WHBY", and "WHBY News time 5.11"	Fpks	1111	6/12	mah
1150	WHBY	Kimberly WI; "WHBY" noted in the mix	Fpk	0806	30/12	mah
1160	WYLL	Chicago IL; "Chicago's Christian Talk AM 11-60 WYLL Chicago, on-line at wyll.com"; also Fpk 0458 26/12, Fpk 0800 30/12, Fpks 2337 2/1	W/Fpks	0900	6/12	mah
1160	WYLL	Chicago IL; "...WYLL Chicago and online at wyll.com"	W	0600	9/12	PC
1160	WYLL	Chicago IL; Christian talk "...wyll.com" hrd under UK stations	W/Fpks	0738	31/12	Rha
1160	WSKW	Skowhegan ME (pres); ESPN Radio	W/F	0640	9/12	PC

<b>kHz</b>	<b>Callsign</b>	<b>Station, location; details heard etc</b>	<b>SIO</b>	<b>UTC</b>	<b>Date</b>	<b>Who</b>
1160	WSKW	Skowhegan ME; "Central Maine's sports leader ESPN Radio AM 11-60 The Score WSKW Skowhegan"; also Fpks 0200 23/12, Fpks 0900 25/12	Fpks	0400	26/12	mah
1160	WCCS	Homer PA; "You're listening to 11-60 WCCS, Indiana county's radio station", songs	Wpks	0715	26/12	mah
1160	KSL	Salt Lake City UT; ABC News, "Hello, I'm meteorologist Dan ?? at the KSL Weather Center"	Fpks	0832	7/12	mah
1160	<b>WODY</b>	Fieldale VA; "You are listening to southern ??? home for sports Fpks 24/7. ESPN Radio AM 11-60 WODY ???, a Base Communications station"	Fpks	0900	24/12	mah
1170	WWVA	Wheeling WV; "News radio 11-70 WWVA"	F	0843	1/12	PC
1180	KOFI	Kalispell MT; ABC News, wx, ID "News Talk Oldies KOFI"	Fpks	1206	9/12	mah
1180	WHAM	Rochester NY; "News radio 11-80 WHAM"	W/F	0038	1/12	PC
1180	WHAM	Rochester NY; severe het from mystery 1181 kHz carrier		0921	11/12	TB
1180	WHAM	Rochester NY; "On 50,000 Watts, 11-80 WHAM", seasonal music followed	W	1035	15/12	AB
1180	CM--	Radio Rebelde, 2 sites listed; SS mx // 5025 kHz	232	0808	6/12	MvA
1180	CM--	Radio Rebelde, 2 sites listed; News – talking to correspondent on the telephone // 5025 kHz	F	0827	7/12	AB
1180	CM--	Radio Rebelde, 2 sites listed; SS current affairs // 5025 kHz	W/F	2340	12/12	BD
1180	CM--	R Rebelde, two sites listed; SS ballad // 5025 kHz	W	0824	25/11	PC
1190	WLIB	New York NY; "WLIB – your .. ?" just heard in advert as signal dropped to v weak from fair levels	F	0226	7/12	JF
1190	WLIB	New York NY (pres); gospel singing through toth. No ID	W/F	2100	12/12	PC
1190	WLIB	New York NY; "11-90 WLIB" ID noted, Christmas greetings	Fpks	0902	24/12	mah
1190	WLIB	New York NY; a couple of "Your Praise and Inspiration Station, 11-90 AM WLIB" IDs heard	F	0622	3/1	AB
1190	KEX	Portland OR; TC "KEX News time 4.31"	Fpks	1231	9/12	mah
1190	LR9	Radio América, Buenos Aires; SS "Radio América informa"; news, politics, culture of Buenos Aires	W/Fpks	2343	1/1	Rha
1197		RTM B Agadir, Morocco; music, Arabic ID	222	1840	5/12	FW
1200	WKOX	Framingham MA; SS talk and ranchera, briefly xd CFGO's sport	W/F	0600	1/12	Rha
1200	WKOX	Framingham MA (tent); slow SS ballad mixing with CFGO	W/F	2113	14/12	PC
1200	WOAI	San Antonio TX; "News radio 12-hundred WOAI" Traffic news	W/F	0834	6/12	PC
1200	WOAI	San Antonio TX; "News Radio twelve hundred WOAI" x2	Fpks	0633	31/12	AB
1200	CFGO	Ottawa ON; Fox IDs and "team1200.com" address	F/G	0840	1/12	PC
1200	CFGO	Ottawa ON; sports	222	0809	6/12	MvA
1200	CFGO	Ottawa ON; sports; no problem with Eurosplatter tonight – HUGE S9+10dB signal!	vG	0215	7/12	JF
1200	CFGO	Ottawa ON; advertisements for Ottawa businesses then "Sports Radio 1200" ID	F	2303	8/12	AB
1200	CFGO	Ottawa ON; sports talk	F	0004	16/12	BD
1200	CFGO	Ottawa ON; sports talk	F	2355	25/12	JW
1200	CFGO	Ottawa ON; sports reports also sport	W/F	0628	31/12	Rha

<b>kHz</b>	<b>Callsign</b>	<b>Station, location; details heard etc</b>	<b>SIO</b>	<b>UTC</b>	<b>Date</b>	<b>Who</b>
1200	<b>CJRJ</b>	<b>Vancouver BC</b> ; Asian mx , Wpks at 0724; Fpks at 0758; Fpks at 0859; at 1056 had Gpks, but went straight though the hour, and didn't ID until weaker and in the splatter at 1104, with "RJ-1200"; stayed on the channel hearing back-to-back Asian mx until 1132, when brief anns again; <b>UK FIRST</b>	Gpks	1104	31/12	mah
1200	YVOZ	Radio Tiempo, Caracas; Christmas mx "Radio Tiempo AM" ID; <b>personal first</b>	W/F	0827	25/12	PC
1200	YVOZ	R Tiempo, Caracas; SS "...en Tiempo la hora 3.30 venezolana"	W/Fpks	0630	31/12	Rha
1210	WPHT	Philadelphia PA (pres); talk, "The Big-Talker 12-10"	Wpks	0632	1/1	Rha
1210	VOAR	Mount Pearl NL (pres); gentle Christian programme	F	0755	7/12	PC
1210	VOAR	Mount Pearl NL (tentative); very difficult in Virgin splatter	vP	1925	10/12	TB
1220	WHKW	Cleveland OH; rlg tk, promo/ID "whkwradio.com" and "... on AM 12-20 WHKW"	W/Gpk s	1015	15/12	mah
1220	ZYJ458	R Globo, Rio de Janeiro; PP tk, "Rádio Globo" jingles and "Globo" ID	Fpks	2238	10/12	mah
1230	CFFB	Iqaluit NU; briefly there with news, "... coming up after news at 7 o'clock there'll be sport"; then "a couple of community announcements", with phone number "and for more information you can phone 473 4360" and "a pair of glasses were taken from ... you can phone 79 74", another item "... outside of Frobisher ... you can call 79 3306, 979 3306"	W/F	1156	2/1	mah
1230	CFGN	Channel-Port aux Basques NL; traces of audio noted at 1930; bingo heard on weak peaks from 2003, in and out of the noise – I believe this is local programming; poor/difficult ID at 2030 "CFGN AM 12-30 Port aux Basques, CFCV FM 97.7 Saint Andrews, CFSX AM 8-70 Stephenville, a Newcap Radio Steele Communications Station; news; local items for sale noted at 2043	P/Wpks	2030	6/12	mah
1240	CKIM	Baie Verte NL; Elvis 'Blue Christmas' // 620; W/F 0619 6/12	Fpks	2016	16/12	mah
1240	CKIM	Baie Verte NL; C&W music // also 590 VOXM & CFLN 1230	W	0835	1/1	Rha
1250	WKBR	Manchester NH; anns, mentioning "wgamradio.com" twice; briefly on top of the mix	Fpk	2147	5/12	mah
1250	WEAE	Pittsburgh PA; "... sports station, 12-50 WEAE" ID	W	0503	9/12	JF
1250	WSSP	Milwaukee WI; "WSSP Milwaukee's Sports Leader"	W	1028	9/12	PC
1250	CHSM	Steinbach MB; "You're listening to Classics till Dawn with Ron James on AM 12-50 South (Eastern?) Manitoba's Classical Station"	W/F	0638	7/12	PC
1250	CHSM	Steinbach MB; classical mx, wx, "All your favourites, all night long, Classics 'til Dawn with Ron James on AM 12-50 Radio"	W/F	0737	7/12	mah
1250	CHSM	Steinbach MB (presumed); melodious instrumental music shortly after 0400, switching to harpsichord music and other classical pieces after this - fits in with programme schedule. Fair peaks, particularly after 0800; no ID at 0800	F	0800	9/12	JF
1250	CJYE	Oakville ON; "...right here on Joy 12-50" Then promo from Bishop Blair for "Glorious Praise" broadcast as per schedule	F	2359	3/12	PC
1251		Voice of Africa, Tripoli, Libya; music	433	0000	27/11	FW
1260	WMKI	Boston MA; Radio Disney	W/F	2348	4/12	PC
1260	UNID	Programme of tangos and SS anns, monitoring the channel until 0843, but didn't catch an ID; occasional bursts of R Disney mixing in as well	F/Gpks	0809	22/11	mah
1270	WXYT	Detroit MI (pres); Sporting News Radio jingle	W	0820	10/12	PC

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1270	CJCB	Sydney NS; "Cape Breton's Country 12-70 CJCB"	F	1001	26/11	mah
1270	CJCB	Sydney NS; "Log on to cjbradio.com"	W	2351	7/12	PC
1270	CJCB	Sydney NS; between gentle music tracks, "Number one ... Cape Breton, AM 12-70 .... AM 12-70 CJCB"	W	0720	8/12	AB
1280	WFAU	Gardiner ME (pres) Fox Sports	W	0733	15/12	PC
1280	WNAM	Neenah-Menasha WI; "This is AM 12-80 WNAM, Neenah-Menasha"	W	1000	10/12	PC
1280	<b>CHQB</b>	<b>Powell River BC</b> ; light songs, ID "... Magic 12-80 Powell River, Campbell River and the ... Valley. This is your radio station. CHQB Powell River The new magic 12-80"; <b>UK FIRST</b>	Fpk	0902	4/12	mah
1280	CFMB	Montréal QC; long, slow, FF tlk, occasional mx, and possibly SS tlk before 2000		2001	10/12	TB
1280	CFMB	Montreal QC; Italian talk	W/F	2054	12/12	PC
1280	CJSL	Estevan SK; country mx, "CJ 12-80" IDs; also W/F 0901 5/12	W/F	0914	4/12	mah
1280	WCMN	Arecibo PR; SS singing, mention of Puerto Rico, 'Notiuno' IDs	W/F	2230	18/12	PC
1290	WKBK	Keene NH; ID "Your opinions, your ideas, your questions, your radio station AM 12-90 WKBK Keene"; also Fpks 0759 11/12	F	0630	6/12	mah
1290	WKBK	Keene NH; half a dozen mentions of "WKBK" in a minute	W	0323	8/12	PC
1290	WRNI	Providence RI; WRNI promos mentioning "wrni.org" and "This is WRNI Rhode Island"; also Wpks 2218 6/12	Fpks	2223	5/12	mah
1290	WDZY	Colonial Heights VA (presumed); "Radio Disney" heard in the mix	Fpk	2219	1/1	mah
1290	CFRW	Winnipeg MB; country mx; "CFRW Winnipeg" jingle between tracks	W/F	0819	9/12	PC
1290	CFRW	Winnipeg MB; weak signal, but enough to hear "Good morning, you've caught 12-90 CFRW"	W	0830	9/12	AB
1290	CFRW	Winnipeg MB; oldies – Beach Boys etc, "C-F-R-W" ID; also 0938 5/12, W/F 1047 7/12, F 0953 8/12	F/F/Gpks	0912	28/12	mah
1290	CFRW	Winnipeg MB; oldies 60's, 70's & 80's "I'm a Train", Albert Hammond followed by some other with Petula Clark, The Sweet, The Beatles & The Pretenders; in between tracks, a CFRW sung jingle and at the top of hour the full ID "you are listening to CFRW -a CHUM station"	W/F	0800	31/12	Rha
1290	CJBK	London ON; "This is News talk 12-90 CJBK London"	W/F	0000	6/12	PC
1300	KGLO	Mason City IA; talk px, several mentions of KGLO, including "Sunday Morning Show on KGLO"	W/F	1134	3/1	mah
1300	UNID	ESPN Sports	W	0848	1/12	PC
1300	WOOD	Grand Rapids MI; "...on News Radio Wood 13-hundred"; then to C2C	W/F	0806	4/12	PC
1300	WOOD	Grand Rapids MI; "From the AT&T studios in downtown Grand Rapids, throughout Michigan and the world, this is news radio 1300 WOOD"	F	0432	10/12	AB
1300	WOOD	Grand Rapids MI; ID "News Radio Wood 1300" in the mix; also W/F 1131 3/1	Wpks	1037	26/12	mah
1300	WOOD	Grand Rapids MI (pres); C2C talk on "News Radio Wood 1300 AM"	W/Fpks	0840	1/1	Rha

<b>kHz</b>	<b>Call sign</b>	<b>Station, location; details heard etc</b>	<b>SIO</b>	<b>UTC</b>	<b>Date</b>	<b>Who</b>
1300	WJMO	Cleveland OH; "CSU Vikings Radio Network". End of "Coach's Corner" programme and local ads. Traced to WJMO – so not just 'Praise' on this station.	F	2359	1/12	PC
1300	WJMO	Cleveland OH; back preacher studio talk, later melancholy gospel	W/F	2358	7/12	BD
1300	KKOL	Seattle WA; "You're listening to News Talk 1300 KOL, where your opinion counts, Seattle's ..."; still F for ID at 1220; also W/Fpks 0831 5/12, F <b>1306</b> 9/12	W/F	1019	31/12	mah
1300	YVNS	R Amistad, Maracaibo (presumed); SS rlgx px hrd from 0849 to past 0930; SS anns on fair peak "5 de la mañana 11 minutos, 5 de la mañana 11 minutos ... programa La Voz de la Liberación ... iglesia ?? de dios ... Caracas, Venezuela ..."; 0920 "Palabra de dios"	W/F	0909	23/11	mah
1310	WLOB	Portland ME; "This is Newstalk AM .... 13-10 WLOB" (frequency didn't sound like 13-10); very pleased with this as not heard here since the 80s	F	0200	7/12	JF
1310	WLOB	Portland ME; weak "WLOB ID at toth	W	0100	13/12	PC
1310	WLOB	Portland ME; "6.07 at News Talk 96-3 WLOB", news reports; also W/F 0800 22/1, Wpk 0005 25/12, Fpks 2226 30/12	Fpks	1107	3/1	mah
1310	<b>WCCW</b>	<b>Traverse City MI</b> ; "13-10 ESPN Radio WCCW-AM Traverse City"; logged using Perseus; <b>UK FIRST</b>	P/F	0840	9/12	KB
1310	WCCW	Traverse City MI; ESPN Radio occasionally coming above the noise, "... 13-10 ESPN ... giveaway weekday mornings at 7.20 ... 13-10 ESPN ... feature ... weekday mornings at 7.20 on 13-10 ESPN Radio"; the slogan matches WCCW rather better than WGH, and propagation is consistent with reception from Michigan, though it's not as definite as I would like	Wpks	1056	30/12	mah
1310	WCCW	Traverse City MI (presumed); ESPN Radio, faded into the mud at the toth and a very tentative ID "WCCW" noted between the two WIBA IDs	Wpks	1100	1/1	mah
1310	<b>WDTW</b>	<b>Dearborn MI</b> ; "This is the home of progressive talk 13-10 WDTW Dearborn ..."; <b>UK FIRST</b>	vW	1100	30/12	mah
1310	<b>KEIN</b>	<b>Great Falls MT</b> ; EZL/NOS-style mx, toth ID "We're making sure that great music and talk is why you're here, on 13-10 KEIN Great Falls"; <b>UK FIRST</b> ; tnx AB for picking out more detail	Wpks	1000	4/12	mah
1310	<b>KNOX</b>	<b>Grand Forks ND</b> ; ad, promo "13-10 KNOX and the Grand Forks Lion's Club invite you to share in the spirit of the holidays ... and the local employee owners of Leighton Broadcasting 13-10 KNOX", then back to the Michael Medved Show; <b>UK FIRST</b>	Fpk	0854	5/12	mah
1310	WIBA	Madison WI; rather poor IDs "... this morning at 10 on News Talk 13-10 WIBA" and "This is News Talk 13-10 WIBA"	vW	1100	1/1	mah
1310	CHLW	Saint Paul-Bonnyville AB; health show, ID "Serving (the Fons?), Myrnam, (Keyville?) and all of the Lakelands, we're 13-10 CHLW Saint Paul Bonnyville, a Newcap radio station. The Lakelands country music leader 13-10 CHLW"; vW by the time the recording ended at 1410; also Fpks 1004 4/12, Fpks 1221 5/12, F 0954 31/12, vW 1304 2/1	F/G	<b>1401</b>	9/12	mah
1310	CHLW	Saint Paul AB; anns, country on "CHLW AM 13-10 and 1310chlw.com"; xd WLOB talk	W/F	0852	31/12	Rha

kHz	Callsign	Station, location; details heard etc	SIO	UTC	Date	Who
1310	CIWW	Ottawa ON; oldies, ID "CIWW Ottawa, Oldies 13-10"; often	F/G	0801	28/12	mah
1310	CIWW	Ottawa ON; with oldies under splatter/noise	W	0822	3/1	Rha
1310	YV--	Radio Nacional, 3 sites listed; "Radio Nacional de Venezuela" ID at toth	W	0800	2/12	PC
1310	YV--	R Nacional, 2 sites listed; SS anns, tlk, ID "Radio Nacional de Venezuela"	Fpks	0800	25/12	mah
1310	YV--	R Nacional, 2 sites listed; LA mx, SS ID "Radio Nacional de Venezuela"	Fpks	0827	27/12	mah
1310	UNID	EE tlk, never had anything here before; <i>possibly WLOB - mah</i>	vP	2155	10/12	TB
1320	WDER	Derry NH; promo for "Focus on the Family" on "Life Changing Radio AM 13-20 WDER"; <b>best I've ever heard this one,</b> dominant for a few minutes over CKEC	Fpk	2056	5/12	mah
<b>1320</b>	<b>CHMB</b>	Vancouver BC; caught end of EE ID "13-20 Vancouver", then CC songs	G	1030	5/12	mah
1320	CKEC	New Glasgow NS; "You're listening to CKEC Radio, New Glasgow"; also "94.1 East Coast FM" 1944 14/12	W/F	0004	23/11	PC
1320	CKEC	New Glasgow NS; ID	F/G	0937	27/11	mah
1320	CKEC	New Glasgow NS; talks	222	0813	6/12	MvA
1320.01	CKEC	New Glasgow NS; soft pops & "13-20 CKEC New Glasgow" ID	W	0400	7/12	BD
1320	CKEC	New Glasgow NS; weather then ID "CKEC"	W	2257	8/12	JW
1320	CKEC	New Glasgow NS; Manfred Mann then weak TOH ID mentioning New Glasgow	W	0500	11/12	AB
1320	CJMR	Mississauga ON; Indian talk with EE phone numbers given	W/F	0826	1/12	PC
1320	CJMR	Mississauga ON; scheduled Punjabi studio talk	W	0357	7/12	BD
1323		CRI Lhasa, Tibet; YL RR px, // 1521 kHz	W/F	1415	24/11	HP
1323		BBC WS Zyyi, Cyprus; English report	222	0210	29/12	FW
1330	CJYM	Rosetown SK; songs, "Classic Hits 13-30 CJYM"; also W/F 0748 5/12, W/F 1250 8/12	W/F	0726	31/12	mah
1330	CJYM	Rosetown SK (pres); classic hits audible in splatter; 345° ant	W/Fpks	0825	31/12	Rha
1330	WRCA	Waltham MA (pres); heavily accented FF – Creole?	W/F	0338	7/12	PC
1330	WRCA	Waltham MA (tentative); reggae? – fade-in 1950, audio at 2154		1950	10/12	TB
1330	WRCA	Waltham MA; "A member of the Beasley Broadcast Group this is 13-30 WRCA Waltham Boston"; also at 0805 soliciting paid programming, then ad for "Swingtime" collection, followed by "You're listening to Music in the Night on 13-30 WRCA"	Fpks	0800	27/12	mah
1330	WSPQ	Springville NY; "... at 13-30 AM and worldwide at wspq1330.com Classic Hits 13-30 WSPQ, a ... radio station" noted in the mix	Wpk	0801	27/12	mah
1330	WFNN	Erie PA (pres); Fox Sports	W	0401	7/12	PC
1330	WFNN	Erie PA; "This is the Third Shift ... (Fox?) Sports Radio 13-30 The Fan"; in and out of the mix	Wpk	0740	27/12	mah
1330	WFNN	Erie PA; "Fox Sports 13-30 The Fan" with sports reports of NBA, football & superbowl; under CJYM	W/Fpks	0855	31/12	Rha
1330		RVCI, several possible sites; SS rlgx px, anns "Las 3, 3 de la madrugada en (punto?) Nueva York", EE ID "WWRV 13-30 AM New York ..." etc; propagation could have supported reception from the New York or Santo Domingo sites	F	0800	28/11	mah
1329.7	HJFE	RCN Pereira; RCN ID // 980 & 760 kHz	W	0228	5/12	JF



kHz	Callsign	Station, location; details heard etc	SIO	UTC	Date	Who
1340	HJFB	Fiesta 13-40 AM, SF de Bogotá; LA songs, SS anns “13-40 AM alegre super”; at 0812 and 0816, “Fiesta 13-40 AM alegre tu vida”; tnx for solving this one go to Henrik Klemetz, via the RealDX Group, who writes: “Fiesta 13-40 AM, alegre tu vida, <b>new slogan and format</b> for the RCN Bogotá outlet on the channel”	Gpks	0756	23/11	mah
1340	WMID	Atlantic City NJ; “Here’s another great du-wop classic to sing along with. AM 12-30 and 13-40 Classic Oldies WMID”	Wpks	2203	8/12	mah
1350	<b>KTIK</b>	<b>Nampa ID</b> ; “Sports leader 13-50 KTIK ... ESPN Radio ...”; tnx to Torolf Johnsson and Nigel Pimblett of the RealDX group for picking out the ID; <b>UK FIRST</b>	Fpks	1200	9/12	mah
1350	WOYK	York PA; promo for program on “AM 13-50 WOYK”; also “ESPN 13-50 WOYK”	W/F	0305	20/12	PC
1358.97		CNR 1, unknown location, China; Chinese music and comments	W/Fpks	1308	30/12	Rha
1360	WDRC	Hartford CT; “Talk of Connecticut”, C2C tlc	W/Fpks	0847	1/1	Rha
1360	KKMO	Tacoma WA; Mexican mx, SS “Sol 13-60” ID	F/G	1211	9/12	mah
1360	UNID	ESPN Sports (WSAI?)	F	0831	1/12	PC
1370	WDEA	Ellsworth ME; “This is WDEA” Oldies	W	2323	28/11	PC
1370	WDEA	Ellsworth ME; “... basketball game, on AM 13-70 WDEA ...”	F	2344	7/12	AB
1370	WDEA	Ellsworth ME; “AM 13-70 WDEA”, then nostalgia in noise	W	0900	31/12	Rha
1370	CFOK	Westlock AB; “... with The Fox, playing all kinds of stuff”	Fpks	1317	9/12	mah
1376.99		CNR Henan, China; CC mx & drums; also on 981, 4460 kHz	W	1302	30/12	Rha
1380	KRKO	Everett WA; ID “For 50 years the home of high school football in Snohomish county, this is North Sound 13-80 ESPN Radio”; ESPN Radio Sports Centre; also W 0900 4/12	F	1200	31/12	mah
1380	CKLC	Kingston ON; oldies, ID “all time favorites 13-80 CKLC”	W	0555	1/12	Rha
1380	CKLC	Kingston ON; “13-80 CKLC” anns & weather followed by “all times favorites” with oldies & memories hits	W	0903	31/12	Rha
1380	CKPC	Brantford ON; “You can read about it tomorrow or you can hear about it today on CKPC news, 13-80 CKPC”. “Musical Memories” programme.	W	0050	5/12	PC
1380	YVNG	Ondas del Mar, Puerto Cabello; “en Ondas del Mar ...la 1 y 11 minutos”	W/F	0511	26/11	PC
1386		Tianjin RGD, China; Chinese local songs & music, CC anns	F/G	1743	7/12	Rha
1386	JO--	NHK 2, various sites; JJ talk under Tianjin, advertising clips, time pip and ID “Nippon Hoso Kyokai 2” followed news & weather for Tokyo	W/Fpks	1800	7/12	Rha
1390	WEGP	Presque Isle ME; “...weekday mornings on WEGP 13-90 AM, W/F The Talk of the County”	W/F	0354	23/11	PC
1390	WEGP	Presque Isle ME; “Right here on 13-90 WEGP”, followed by station promotions for a new and improved weekend programme schedule	VG	0659	4/12	AB
1390	WEGP	Presque Isle ME; “We are thrilled to welcome David Carr on 3.0pm to 6.0pm. Check out the changes at wegp.net”	F	2225	6/12	JW
1390	WEGP	Presque Isle ME; WEGP px promo & Fox News	F	2359	6/12	BD
1390	WEGP	Presque Isle ME; “Legal Zoom” ads and anns about forthcoming interruptions to their signal		0010	7/12	TB
1390	WEGP	Presque Isle ME, ID “It’s 1 AM on WEGP 13-90”; also F 0630 8/12	F	0600	7/12	HP

<b>kHz</b>	<b>Callsign</b>	<b>Station, location; details heard etc</b>	<b>SIO</b>	<b>UTC</b>	<b>Date</b>	<b>Who</b>
1390	WEGP	Presque Isle ME; ID, adv	343	2223	7/12	MvA
1390	WPLM	Plymouth MA; promo "... right here on WBNW 11-20 and WPLM 13-90"	Fpk	2354	13/12	mah
1390	WPLM	Plymouth MA (pres); oldies audible, no ID	W	0818	3/1	Rha
1390	WFBL	Syracuse NY; promo for Michael Savage "Weeknights at 8pm on talk radio 13-90 WFBL", then Midnight Radio Network. No sign of WEGP	F	0754	8/12	AB
1390	WFBL	Syracuse NY; nx, ID "For Talk Radio 13-90 WFBL this is Maureen Green CBS 5 News", then "WFBL Forecast"; at 0259 "Talk Radio 13-90 WFBL Syracuse"; there for most of the night, xf WEGP; also vW 2200 15/12	F	0205	14/12	mah
1390	WFBL	Syracuse NY; "Best of Midnight Radio Network ". At 0923 "Weekdays 9 am till noon on Talk Radio 13-90 WFBL"	F	0920	15/12	PC
1390	<b>WNIO</b>	<b>Youngstown OH</b> ; NOS heard at 2157, xf WEGP; toth ID noted under WEGP "13-90 WNIO – News"; last heard in the UK in 1996 at Sheigra, and before that pre-1965; <b>personal first</b>	Fpks	2200	30/12	mah
1390	UNID	EE tlk under WEGP	Fpks	0019	7/12	TB
1400	<b>CKSQ</b>	<b>Stettler AB</b> ; ads, "AM 1400 CKSQ Stettler"	vWpks	<b>1329</b>	9/12	mah
1400	CBG	Gander NL; Radio Australia broadcast; also W 2205 21/11	F	0811	23/11	PC
1400	CBG	Gander NL; // 1070 kHz; also 0925 11/12	vP	1929	10/12	TB
1400	CBG	Gander NL; CBC talk & BBC WS anns	W	0906	31/12	Rha
1400		Harbour Light of the Windwards, Carriacou (pres) EE preaching. K=6 and no sign of CBG	W	2354	20/11	PC
1400		Harbour Light of the Windwards, Carricou; Christmas choir "O' Come Let Us Adore Him"	F	2156	6/12	JW
1400		Harbour Light of the Windwards, Carriacou; US religious studio talk	W	0003	7/12	BD
1410	WPOP	Hartford CT; "This is ESPN Radio 14-10 WPOP Hartford"	W/F	0759	4/12	PC
1410	WPOP	Hartford CT; toh "This is ESPN Radio 14-10 WPOP Hartford"	W	0500	2/1	AB
1410	CFUN	Vancouver BC; "You're listening to Coast to Coast AM on C-fun 14-10 AM"; also Fpks 1139 3/12, Fpks 0904 5/12	Fpks	0834	7/12	mah
1412.99	JOIF	Fukuoka; JJ talk & radio play show; also W/Fpks 1740 7/12	W/Fpks	1543	31/12	Rha
1420	KTOE	Mankato MN; local ads "14-20 KTOE"	W/F	0858	9/12	PC
1420	WHK	Cleveland OH; "News talk 14-20 WHK" At least ten mentions of WHK in a minute!	W	0854	15/12	PC
1420	WHK	Cleveland OH; tlk, anns "WHK ... a service of Salem Communication" and at the toth the full ID "News Talk 14-20 WHK and whkradio.com"; then news	W/F	0853	1/1	Rha
1420	CKDY	Digby NS; "AVR Weather Watch", and "AVR – today's best country"	Fpks	0733	6/12	mah
1420	CKDY	Digby NS; "You're listening to AVR"	W	0800	8/12	PC
1420	CKDY	Digby NS (pres); traces of country mx, probably AVR-network	Wpks	0810	3/1	Rha
1430	WENE	Endicott NY; "This is Binghamton's all-sports station, AM14-30 The Team"	F	0728	8/12	AB
1430	WENE	Endicot, NY; "Sports radio 14-30, The Team"	F	0829	13/12	PC
1430	WENE	Endicott NY; Fox Sports Radio game	W	0005	15/12	BD
1430	WENE	Endicott NY; sports talk, ID "Sports Radio 14-30 The Team"; under/over UK radio stations	W	0902	1/1	Rha
1430	KLO	Ogden UT; "14-30 KLO Ogden Salt Lake City" at toth then CBS news	F	0900	9/12	PC

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1430	KLO	Ogden UT; local ads, "Pop culture, Michael Medved 1 PM 14-30 KLO"	Gpks	1134	9/12	mah
1430	CHKT	Toronto ON; Indian singing mixing with Fox Sport	W/F	0855	1/12	PC
1440	WJAE	Westbrook ME; "If it's about the Patriots, you can hear it first on the Big Jab". Heavy DRM from Luxembourg	W	0820	15/12	AB
1440	WJAE	Westbrook ME (pres); sports comments in splatter of noise	W	0918	31/12	Rha
1440	WHKZ	Warren OH (pres); religious program	W/F	0845	6/12	PC
1450	WENJ	Atlantic City NJ (pres); ESPN Radio	W	0828	25/11	PC
1450	WENJ	Atlantic City NJ; credit card fraud protection commercial, then "14-30 The Team" ID	W	0824	25/12	AB
1450	VSB1	Hamilton, Bermuda; oldies, ID "Bermuda's place for the original hits, this is 14-50 AM Gold"	G	0929	22/11	mah
1450	VSB1	Hamilton, Bermuda; Christmas music and ID "14-50 AM Gold, W your station for ..."	W	0615	23/11	AB
1460	WDDY	Albany NY; Radio Disney // 1560 kHz	F	1019	15/12	PC
1460	WHIC	Rochester NY (tent); religious/bible talk	W	1005	10/12	PC
1460	CJOY	Guelph, ON (pres); Oldies - Band on the Run, Mighty Quin	F	0855	1/12	PC
1460	CJOY	Guelph ON (pres); greatest hits soundtracks – oldies	Wpks	0912	31/12	Rha
1467		AIR Jeypore, India; Indian mx // 1386 kHz	vW	1517	8/11	TB
1467		KBS Mokpo, South Korea; KK YL tlk		1620	8/11	TB
1470	WWNN	Pompano Beach FL; promo in WLAM fade "The Steve Kane Show is live every day from 6 to 9 AM on AM 14-70 WNN"; at 0946 "... weekdays on AM 14-70 WNN" on Fpk; at 1024 "Listen to the Steve Kane Show midnight till 6 AM on AM 14-70 and AM 7-40" on Fpk	Fpk	0921	19/12	mah
1470	WMBD	Peoria IL; commercials, "14-70 WMBD" then C2C	W/Fpks	0734	24/11	AB
1470	WLAM	Lewiston ME; "This is WLVP Gorham, WLAM Lewiston/Auburn, 870 and 1470 ESPN Radio, Maine's Sports Station"	F	0300	27/11	AB
1470	WLAM	Lewiston ME; full legal ID at toth; ESPN sports	W	0400	2/12	PC
1470	WLAM	Lewiston ME; sports, ESPN	343	0713	4/12	MvA
1470	WLAM	Lewiston ME; espn.com promo & "WLAM Lewiston Auburn" ID	W/F	0359	14/12	BD
1470	WJDY	Salisbury MD; Christmas songs, "Merry Christmas from 14-70 WJDY" at 1025 and at 1045 "Wishing you and your family a Merry Christmas 14-70 WJDY"; also W 1111 18/12	Wpks	1025	19/12	mah
1470	WLMC	Georgetown SC; local ad "... make Ryans Georgetown the place for the whole family", then ID "You're listening to Gospel 14-70 WLMC"; "Gospel 14-70 WLMC" ID again at 1016; akso Fpk 0953 19/12	Fpks	0955	23/12	mah
1470	KBSN	Moses Lake WA; "AM 14-70 KBSN Moses Lake"; also Wpks 1200 8/12	Wpks	1230	31/12	mah
1470	WBKV	West Bend WI; "Memories our main event; WBKV" then old music	F	0507	10/12	AB
1470	CJVB	Vancouver BC; CC songs, EE ID "This is the spirit of multicultural Vancouver AM 14-70 CJVB Fairchild Radio Cable 103.3 FM"; also Gpks 1102 8/12, Fpks 1304 7/12	W/Fpks	1303	5/12	mah
1470	XEAI	R Fórmula, México DF. "Radio Fórmula, XEAI, Catorce Seisenta AM" etc - full ID	F	0500	28/11	JF

kHz	Call sign	Station, location; details heard etc	SIO	UTC	Date	Who
1470	XEAI	Radio Fórmula, México DF; toh legal ID beginning "XEAI 14-70 AM", identical to that reported in my November logging	F	0500	29/11	AB
1470	XEAI	Radio Fórmula, México DF; SS, ID at 0659	243	0656	29/11	MvA
1470	XEAI	R Fórmula. México DF; mx, SS anns, ID "... de Radio Fórmula"	Fpk	0845	23/12	mah
1470	XEAI	Radio Fórmula, México DF; full ID from YL "Radio Fórmula, XEAI 14-70 AM transmitiendo con 25,000 Watts de potencia desde la ciudad de (?)....."	W/F	0300	24/12	PC
1470	XEAI	R Fórmula, México DF; SS talks of cultura & "cadena nacional de México"; two Mexican songs "siempre Corazon, mx romantica & "niños"	F/G	0738	3/1	Rha
1470	OAU4B	CPN Radio, Lima; SS rel px mention "Sede Nacional"	W/F	0659	8/12	HP
1470	YVSY	Radio Vibración, Carúpano; "En Vibración, tres y diez minutos"	Fpks	0710	22/11	AB
1470	YVSY	R Vibración, Carúpano; "En Vibración son las 10 y 35 minutos"	F	0234	25/11	PC
1470	YVSY	Radio Vibración Carúpano; "en Vibración" ID, TC & Salsa mx	W	0155	15/12	BD
1470	YVSY	R Vibración, Carupano; SS anns, salsa mx	F	0754	1/1	Rha
1480	WSAR	Fall River MA; weak ID heard: "14-80 WSAR Fall River"	W	0805	25/11	PC
1480	WSAR	Fall River MA; "14-80 WSAR" heard after commercials, QRM from BBC Humberside	W	0939	16/12	AB
1480	WGVU	Kentwood MI; BBC World Service	W/F	0831	4/12	PC
1480	WHBC	Canton OH; odd ID "We're not Akron, we're not Cleveland, (?) places at all, we are Stark County News talk 14-80 WHBC."	F	0900	4/12	PC
1480	WHBC	Canton OH; "News Talk 14-80 WHBC"	Fpk	1032	5/12	mah
1480	WLMV	Madison WI; SS songs "La Movida, 14-80"	W	1024	10/12	PC
1490	UNID	Sports commentary, referring to "Power Play" and "Second Series". Maybe these terms point to a particular sport (I know nothing about sporting terms btw). Never heard sports on 1490 before.	W	0117	9/12	JF
1500	<b>KUMU</b>	<b>Honolulu HI</b> ; sports talk heard from 1210, "Sporting News Radio" jingle at 1225; on Fpk at 1244, when local ads one ending "Building Hawaii" followed by another ad; then ID "This is AM 15 hundred The Team, local sports in the morning, Dan Patrick, John Noland, and Sporting News Radio, AM 1500 The Team" IDs; in and out of the noise and splatter, vW by 1309utc	W/Fpks	1244	2/1	mah
1500	WFIF	Milford CT; ID "... Radio WFIF on next is Voice of Vision which is ..."; also Fpk 2100 5/12	W	2128	25/12	mah
1500	WLQV	Detroit MI; religious tlk and ID "... on Life Changing Talk Radio WLQV Detroit"; praises of God & phone no. 866423 of Detroit's WLQV; only on 345° - this was the first reception of WLQV, which is seldom audible in north Germany	W/F	0720	3/1	Rha
1500	WWWT	Washington DC; "Talk Radio 3WT, the home of Capital hockey, Nats(?) baseball, Navy football and GW basketball, 15-hundred AM, 107.7 FM WWWT AM Washington....."	F	0320	22/11	PC
1500	WWWT	Washington DC; triple call ID & AP News	W	0800	25/11	BD
1500	WWWT	Washington DC; ads then the following ID's "WWWT, WWWT-FM and WWWB"	F	0759	5/12	JW
1500	WWWT	Washington DC; talks	322	2225	5/12	MvA
1500	WWWT	Washington DC; tlk on film, ID "Talk Radio 3 WT"	F/G	0630	11/12	HP

kHz	Call sign	Station, location; details heard etc	SIO	UTC	Date	Who
1500	YVRZ	Radio Dos Mil, Cumaná; "Radio Dos Mil" ID in announcements	W/F	0015	22/11	PC
1500	YVRZ	R Dos Mil, Cumaná; back to back love songs up to 0400 then Himno Nacional. Good peaks!	G	0400	5/12	JF
1500	YVRZ	R Dos Mil, Cumaná; SS, salsa mx	W/Fpks	0703	9/12	Rha
1500	YVRZ	Radio Dos Mil, Cumaná; Himno nacional, música Sucre & MOR SS pops	W/F	0430	13/12	BD
1510	<b>KCKK</b>	Littleton CO; noted under WWZN. Audible in AM Synch and large PBS - "Mile High Sports Radio 15-10 is now on the air .....you now have a new choice of sports radio in America's best (?) city. 15-70 KSXT in Northern Colorado, Mile High Sports Radio 15-10....."; also heard at 1125 UTC on 09/12	W/F	0843	7/12	PC
1510	WWZN	Boston MA; "15-10 The Zone" Fluttery signal during auroral conditions	W	0258	21/11	PC
1510.02	WWZN	Boston MA; religious px	W	0027	4/12	BD
1510	WWZN	Boston MA; E talks	222	2235	5/12	MvA
1510	WWZN	Boston MA; promo "Boston's sports station 15-10 The Zone"	G	2321	7/12	JW
1510	WWZN	Boston MA; basketball tlk,	W/F	0320	9/12	HP
1510.02	WWZN	Boston MA; fade-in 2212 10/12, fade-out 0929 with ranting religion	P	0929	11/12	TB
1510	WWZN	Boston MA; OM with religion	F	0842	16/12	JW
1510	WLAC	Nashville TN; "You're listening to news radio 15-10 WLAC" among a phone-in programme	F	0811	29/12	AB
1510	KGA	Spokane WA; promo, ID "Spokane's news leader, The Big Talker, 15-10 KGA Spokane"; also Gpks 1106 3/12, Gpk 0104 4/12, Gpk 0356 5/12, Fpks 0358 9/12, Fpks 2349 9/12, Fpks 1027 30/12	F	1058	16/12	mah
1510	KGA	Spokane WA; "The Big Talker 15-10" audible with politics, tlk & business followed by ID female speaker "15-10 KGA"	W/F	0847	31/12	Rha
1510	HD210A	Instituto Oceanográfico, Armada Del Ecuador Guayaquil; second & minute tones	W	0414	13/12	BD
1510	UNID	Heard at 1058 with web address and phone number which I traced to a trucking company in Lincoln, Nebraska. Call sign at toth but v difficult copy . Not KCKK. My suspicion was KFNN Phoenix AZ but copy was not good enough to be sure.	W	1100	9/12	PC
1520	WIZZ	Greenfield MA; "This is Wizz Radio AM 15-20, your holiday ..."; under/over WWKB; also F/Gpks 2109 5/12	Fpk	2112	25/12	mah
1520	<b>KRHW</b>	<b>Sikeston MO</b> ; country, ID "Country music's home - 15-20 KRHW"; <b>UK FIRST</b>	W	0830	14/11	KB
1520	WWKB	Buffalo NY; Randi Rhodes/Air America as per schedule	F/G	2316	23/11	PC
1520	WWKB	Buffalo NY; still talking	W	0758	25/11	BD
1520	WWKB	Buffalo NY; ann, adv	232	0720	4/12	MvA
1520	WWKB	Buffalo NY (pres); talk programme mentioning New York	W	0820	6/12	Rha
1520	WWKB	Buffalo NY; tlk, WWKB Buffalo ID	W/F	0555	11/12	HP
1520	WWKB	Buffalo NY; talk show with Joey Reynolds	F	0842	16/12	JW
1520	KGDD	Oregon City OR; Mexican mx, SS anns, poor ID "15-20 ... La Gran D"	W/vW	1156	31/12	mah
1521		CRI Urumqi, China; CC mx	vP	1357	15/11	TB
1521		CRI Urumqi, China; RR YL, IDs "Govorit Radio Kitaya"	F	1242	1/12	HP
1521		CRI Urumqi, China; Russ px, IS, ID	444	1355	17/12	MvA

<b>kHz</b>	<b>Callsign</b>	<b>Station, location; details heard etc</b>	<b>SIO</b>	<b>UTC</b>	<b>Date</b>	<b>Who</b>
1521		CRI Urumqi ,China; russian talk & information	F	1244	30/12	Rha
1530		VOA Pinheira, São Tomé; Yankee Doodle, ID, news; also 322 0300 24/12	211	0300	2/12	FW
1530		VOA, São Tomé; ID “Welcome to VOA weekend news now”	F	0305	9/12	HP
1530		IRIB, Yazd, Iran; mx, occasional peaks over CVA		0455	29/11	TB
1530	WCKY	Cincinnati OH; preaching from Brother Stair	W/F	0821	1/12	PC
1540	KXEL	Waterloo IA; “Iowa State Sports” Basketball commentary; thumping signal well above CHIN/WDCD!	G	0248	6/12	JF
1540	KXEL	Waterloo IA; “News talk 15-40 KXEL” followed by ABC News; also heard at 1100 UTC on 10/12	W	0900	7/12	PC
1540	WDCD	Albany NY; “You’re listening to 15-40 WDCD Albany”	F	0803	25/11	PC
1540	WDCD	Albany NY; talks	333	0023	6/12	MvA
1540	WDCD	Albany NY; mention of wcd.com among mix	W	0000	20/12	AB
1540	WDCD	Albany NY; ID “WDCD” heard	W	2359	25/12	JW
1540	CHIN	Toronto ON; Italian programme	F	0841	26/11	PC
1540	CHIN	Toronto ON; scheduled CC px	W/F	2351	3/12	BD
1540	CHIN	Toronto ON; CC and EE	333	2305	5/12	MvA
1540	CHIN	Toronto ON; EE with Canadian news	F	0800	15/12	JW
1540	CHIN	Toronto ON; heard chinradio.com also in the mix, CC programme following	W	0000	20/12	AB
1550	WRHC	Coral Gables FL; SS tlc, EE/SS ID “This is WRHC 15-50 AM Coral Gables, Florida. Esta es WRHC ...”; xf CBE	Gpks	1058	3/1	mah
1550	KKAD	Vancouver WA; oldies/NOS, anns, ID “You’re listening to The Music of Your Life on Sunny 15-50 ...”	P/fpks	1300	9/12	mah
1550	CBE	Windsor ON; CBC News	F	0901	1/12	PC
1550	CBE	Windsor ON; mention of CBC Radios 1 and 2 and liking to hear from listeners	W	0517	10/12	AB
1557		WYFR Kouhu, Taiwan; Family Radio IDs	W/F	1410	24/11	HP
1557		WYFR Kouhu, Taiwan; EE rlg	232	1405	25/11	MvA
1557		WYFR Kouhu, Taiwan; usual rlg px under Euros; F mixing with Euros at 1503	W	1404	5/12	mah
1557		WYFR Kouhu, Taiwan; traces of religious praising	W	1735	7/12	Rha
1557		WYFR Kouhu, Taiwan; EE Bible lessons xd France	W	1535	31/12	Rha
1560	KNZR	Bakersfield CA; C2C, promo ending “... only on 15-60 KNZR”; xf Mexican mx	W/F	1130	9/12	mah
1560	WQEW	New York NY; pops //1650 kHz	F	0809	24/11	PC
1560	WQEW	New York NY; px // 1650 kHz Radio Disney	322	0722	4/12	MvA
1560	WQEW	New York NY; Radio Disney pops & promos	W/F	0737	4/12	BD
1560	WQEW	New York NY; R Disney pops // 1650 kHz	W/F	0638	11/12	HP
1560	WQEW	New York NY; // 1650 kHz, hrd 2212 10/12 to 0931 11/12	vP	0931	11/12	TB
1560	WQEW	New York NY; Radio Disney pops // 1650 kHz	W	0722	15/12	JW
1560	WQEW	New York NY; R Disney pop music in noise/splatter	W	0845	31/12	Rha
1560	XECHZ	R Lagarto, Chiapa de Corzo; discos romanticos after SS ID “...el minutos con de música, Radio Lagarto”	W/fpks	0803	1/1	Rha
1566		AIR Nagpur, India; EE nx	232	1542	15/12	MvA
1566		AIR Nagpur, India; EE news; poor weather especially intensely cold weather in Gujarat, then ref to web site newsonair.nic.in	F	1543	15/12	AB
1566	HLAZ	Jeju, South Korea; choir mx under UK stations	Fpk	1500	8/11	TB
1566	HLAZ	Jeju, South Korea; choir song, religious programme & KK anns	W/F	2026	6/12	Rha

kHz	Call sign	Station, location; details heard etc	SIO	UTC	Date	Who
1570	CKMW	Winkler MB; country music with ID "Country 15-70 CKMW" between tracks	F	0829	9/12	AB
1570	CKMW	Winkler MB; country mx. "Country 15-70 CKMW"	W/F	0851	9/12	PC
1570	CKMW	Winkler MB; sports results, ID "Your sports station in southern Manitoba, 15-70 CKMW brings you sports at quarter after the hour ...", then country mx; also F/G 0727 8/12	F/Gpks	1115	9/12	mah
1570	CKMW	Winkler MB; C&W music in splatter; anns from "southern Manitoba's country station CKMW"; + W 0745 9/12	W	0849	31/12	Rha
1570	CFAV	Laval QC; FF studio talk; also 0437 5/12 "CFAV AM 15-80"	F	0004	1/12	PC
1570	CFAV	Laval QC; YL with FF & EE MOR pops	W/F	0800	4/12	BD
1570	CFAV	Laval QC; chanson mx, Beatles mx, "Radio Boomer" ID	W/F	0554	5/12	HP
1570	CFAV	Laval QC; FF mx px, "Radio Boomer" ID	332	0720	5/12	MvA
1570	XERF	Ciudad, Acuña; full national anthem then two references to 'Radio Bilingue' as per schedule	W	0803	29/11	PC
1570	XERF	La Poderosa, Cd Acuña; SS "en La Poderosa 15-70" ID, Mexican songs, mx and ads	W/F	0550	1/12	Rha
1570	XERF	Ciudad Acuña; SS "La Poderosa 15-70" ID; music, anns	F/G	0700	3/1	Rha
1580	<b>KKKK</b>	<b>Colorado Springs CO</b> ; "Radio Colorado network proudly announces the Radio Colorado store ... go to radiocoloradonetwork.com ..."; best on the 279 <sup>o</sup> beverage, and surely on daytime power; in and out of the noise; <b>UK FIRST</b>	Gpks	1106	9/12	mah
1580	WSRF	Fort Lauderdale FL (tentative); not very clear ID "This is ... from WSRF Fort Lauderdale"; in CKDO fade	Wpk	0758	10/12	mah
1580	CKDO	Oshawa ON; "This is Oshawa's radio station.....CKDO"	F	0847	26/11	PC
1580	CKDO	Oshawa ON; oldies, ID "You're listening to Oshawa's radio station CKDO 107.7 FM and 15-80 AM"	Fpks	0802	10/12	mah
1580	CKDO	Oshawa ON; "107.7 FM, AM 15-80" then commercials with (905) area codes (=Ontario), then CKDO sung jingle followed by music	F	0952	16/12	AB
1580	CKDO	Oshawa ON; CKDO sung jingle between oldies tracks	W/F	0648	3/1	Rha
1580	CKDO	Oshawa ON; "Miss one morning and you've missed a lot. Terry Johnston weekday mornings on Oshawa's oldies 107-7 FM and 15-80 CKDO"	F/G	0744	3/1	mah
1590	WAKR	Akron OH; "15-90 WAKR, Akron's news authority, (chime), It's 4 o'clock"	W/F	0900	15/12	PC
1590	WARV	Warwick RI; "This is Life Changing Radio – WARV"	W	0830	22/12	PC
1590	XEVOZ	Radio Tráfico, Mexico DF; "Radio Tráfico 15-90 AM"	W	0808	30/11	PC
1590	UNID	Coast to Coast	W	0850	15/12	PC
1600	WUNR	Brookline MA; SS px then EE ID "This is WUNR Brookline" Then "Irish Hour"	W	0100	7/12	PC
1600	WAAM	Ann Arbor MI; "Talk Radio 1600" and "Talk Radio 1600 AAM" heard – the "W" – if there was one – was lost	W	0830	29/12	AB
1600	WWRL	New York NY; "Super 16 Radio" and lots of announcements to a disco beat backing. Soul music followed later.	F	0310	11/12	JF
1600	WWRL	New York NY; EE talk	W	2333	13/12	PC
1600	WWRL	New York NY; "It's 6 o'clock – this is news on New York's Progressive Talk 1600 WWRL"; also F 2203 7/12	F	2300	25/12	mah
1600	WLUZ	Bayamón PR; SS, música romantica and anns	W/Fpks	2335	1/1	Rha
1600	ZYK779	R Nove de Julho, São Paulo; PP talk & ID "Rádio Nove de Julho"	W/Fpks	0000	1/1	Rha

<b>kHz</b>	<b>Callsign</b>	<b>Station, location; details heard etc</b>	<b>SIO</b>	<b>UTC</b>	<b>Date</b>	<b>Who</b>
1610	CHHA	Toronto ON; SS program but with "Brown Bears" mentioned a couple of times in EE. Slow SS "CHHA" ID and then an EE announcement followed by extract from Warsaw Concerto	W	0058	8/12	PC
1620	KOZN	Omaha NE; tuned to the frequency to hear "Omaha's ESPN Radio"	F	0603	7/12	AB
1620	WTAW	College Station TX; curiously they gave "WTAW College Station dot com", but there was no doubt about the call sign; also heard 24/12 Sean Hannity (F)	W	0506	24/11	AB
1620	KYIZ	Renton WA; anns, ads, ID "16-20 KYIZ, the north-west's first home of hip-hop and r'n'b"; also W/Fpks 0754 7/12	Wpks	1144	31/12	mah
1620	WDHP	Fredriksted USVI; SS px	242	2310	5/12	MvA
1620	WDHP	Frederiksted USVI; "Esta es Radio República"	W	2342	7/12	PC
1620	WDHP	Frederiksted USVI; usual toh ID including studio address etc then BBC WS news	W	0600	11/12	AB
1620	WDHP	Frederiksted USVI; YL with ID	W	0558	15/12	JW
1630	WRDW	Augusta GA; very weak WRDW 16-30 ID heard; but heard (presumed) numerous times during the period with sports	vW	0800	1/1	AB
1630	KCJJ	Iowa Falls IA; "Coralville's ... station, The Mighty 16-30 KCJJ" heard; also 25/12	W	0221	8/12	AB
1630	KCJJ	Iowa City IA; ads, jingle ID	W/F	0927	31/12	mah
1630	KCJJ	Iowa City IA; "KCJJ" anns at 0617 followed by rock music & later ads; also talks for the premier choice in Iowa between conservatives & republicans; also presumed W/Fpks 0540 1/12	W/F	0626	3/1	Rha
1630	KRND	Cheyenne WY; SS ballad "Hola, ..... 10,000 watts de potencia ... La Grande (with echo effect)"	W	0500	15/12	PC
1630	KRND	Fox Farm WY; Mexican mx, SS anns, "La Grande ... 866 599 1630 en vivo"	F/G	0808	31/12	mah
1640	WTNI	Biloxi MS; Coast to Coast talk programme	W/Fpks	0543	1/12	Rha
1640	WTNI	Biloxi MS; sports talk	W	2353	3/12	BD
1640	WTNI	Biloxi MS; promo for "105.9 Cool FM, number one for classic hits", ID "You're listening to the voice of the Mississippi gulf coast, Talk Radio 16-40 WTNI", then back to ESPN Radio; also W/F 1006 13/12	F/G	0641	6/12	mah
1640	WTNI	Biloxi MS; ESPN Radio; local ads mentioning 'Gulf Coast'	F	0518	11/12	PC
1640	KDZR	Lake Oswego OR; "Radio Disney Portland"	F	1238	9/12	mah
1650	CJRS	Montréal QC; flute mx & anns in FF "Ici Radio Shalom"	W/F	0634	3/1	Rha
1650	KWHN	Fort Smith AR; very weak but "Newstalk 16-50 KWHN" and "on the web at kwhn.com" were heard	vW	0833	28/12	AB
1650	KFOX	Torrance CA (presumed); what sounded like KK programming	W/F	1334	9/12	mah
1650	WHKT	Portsmouth VA; Radio Disney ID	W	0808	24/11	PC
1650	WHKT	Portsmouth VA; kids with promo's & Radio Disney pops; suspect 10kW left on	F	0021	25/11	BD
1650	WHKT	Portsmouth VA; R Disney pop	F	0445	1/12	Rha
1650	WHKT	Portsmouth VA; mx px	333	0801	6/12	MvA
1650	WHKT	Portsmouth VA; Radio Disney pop music programme	W	0714	9/12	Rha
1650	WHKT	Portsmouth VA; Disney programming and plenty of Radio Disney IDs	F	0558	10/12	JW
1650	WHKT	Portsmouth VA; 16-50 Radio Disney IDs and pops	F	0524	13/12	HP
1650	WHKT	Portsmouth VA; legal ID at hh:57.5 "AM 16-50 WHKT Portsmouth"	F	0657	12/12	AB



<b>kHz</b>	<b>Callsign</b>	<b>Station, location; details heard etc</b>	<b>SIO</b>	<b>UTC</b>	<b>Date</b>	<b>Who</b>
1650	CJRS	Montreal QC. Just passed by the channel and heard “from Montreal ... CJRS”	W	0200	5/12	JF
1650	CJRS	Montreal QC; Jewish instrumental mx, “CJRS Montreal” ID	F	0545	5/12	HP
1660	WCNZ	Marco Island FL; a long list of credits after a football game, Cocoa Tigers vs Naples Golden Eagles. Thanks extended to fans of the Golden Eagles in Naples Florida on WCNZ. A change from Relevant Radio which appeared later	F	0249	8/12	AB
1660	WCNZ	Marco Island FL; Relevant Radio tlk, ID	F	0625	8/12	HP
1660	KXTR	Kansas City KS (pres); classical music noted in splatter/noise	W	0440	1/12	Rha
1660	<b>KXTR</b>	<b>Kansas City KS</b> ; classical mx, anns at 0916 “Mozart’s Serenade number 1 in B ... This is Classic 16-60 KXTR ...” more classical mx; mixing with several others; <b>personal first</b>	Fpks	0905	2/1	mah
1660	WWRU	Jersey City NJ; Korean px	333	0650	17/11	MvA
1660	WWRU	Jersey City NJ; KK studio talk	W	0024	25/11	BD
1660	WWRU	Jersey City NJ; EE ID, Korean tlk	W	0517	11/12	HP
1660	WWRU	Jersey City NJ; toh ID “16-60AM WWRU Jersey City, New York State”	F	0700	15/12	AB
1660	WWRU	Jersey City NJ; OM with ID “ 16-60AM WWRU ”	W	0600	17/12	JW
1660	WWRU	Jersey City NJ; interview in Korean	F	0634	21/12	PC
1660	WFNA	Charlotte NC; ESPN Radio, ID “Charlotte’s sports station 16-60 AM WFNA”; also Fpks 2319 30/12, Fpks 0401 31/12, Fpks 2322 1/1	Fpks	0903	3/1	mah
1660	KQWB	West Fargo ND; toh ID “KQWB-AM, West Fargo, Fargo/Moorhead” followed by ESPN Radio Sports Centre	Fpks	0600	8/12	AB
1660	KQWB	West Fargo ND; legal ID “... right here on ESPN Radio from the Red River Valley KQWB-AM West Fargo – Fargo – Moorhead” ; also Fpk 0502, Fpks 0840, W/vW 1000; also W/Fpks 0959 1/1, Fpks 0800 2/1	Fpks	0700	31/12	mah
1660	<b>KRZI</b>	<b>Waco TX</b> ; ESPN programming and “Your home for ESPN Game Night, 16-60 ESPN Radio, Central Texas’ Sports Leader”; also 30/12 “go to 1660espn.com and click on the Ticket City logo” – this is an Austin-based company advertising on KRZI’s web site	W	0740	29/12	AB
1660	<b>KXOL</b>	<b>Brigham City UT</b> ; Mexican mx, poor SS ID “Inca La Favorita Wpks ..”; 1025 SS anns “... en Favorita”; xd SS rlgS tlk from presumed KTIQ; <b>personal first</b>	Wpks	1023	9/12	mah
1660	WGIT	Canóvanas PR; SS px	333	2356	10/12	MvA
1660	WGIT	Canóvanas PR; a list of affiliated stations which I can’t transcribe, then “Gigante. Transmite WGIT, 1660 Canóvanas serena, la tremenda”	W	0427	24/12	AB
1670	KNRO	Redding CA; ESPN Radio, “Redding’s ESPN Radio 16-70”	W/F	1041	9/12	mah
1670	WVVM	Dry Branch GA; SS disco mx & “Viva 16-70” ID	W	0030	25/11	BD
1670	WVVM	Dry Branch GA; LA pop mx and songs, “Viva “ ID	W/F	0547	1/12	Rha
1670	WVVM	Dry Branch GA; SS “Viva, 16-70 AM” heard between tracks	F	0710	23/12	AB
1670	WVVM	Dry Branch GA; seldom heard legal ID “W-V-V-M Dry BranchF no talk Warner-Robins, Vida diez y seis sesenta”	F	0702	30/12	AB
1670	WTDY	Madison WI; end of ABC news “Madison’s 16-70 WTDY”, behind WVVM	W	0406	31/12	AB
1670	WTDY	Madison WI; Midnight Radio Network, promo “Join The Pulse Madison’s 16-70 WTDY weeknights at 6 o’clock for On-Air with In Business Magazine ...”	F/G	0751	5/12	mah

kHz	Call sign	Station, location; details heard etc	SIO	UTC	Date	Who
1680	WLAA	Winter Garden FL; "La Que Buena" ID	W	0420	3/12	PC
1680	WLAA	Winter Garden FL; excellent reception of super banda music, then lots of que buenas	G	0637	24/12	AB
1680	WLAA	Winter Garden FL; "Que Buena" IDs, Mexican mx	W/F	0325	26/12	HP
1690	WMLB	Avondale Estates GA; "AM 16-90 The Voice of the Arts" ID heard during music	F	0747	30/12	AB
1690	WPTX	Lexington Park MD;	232	0643	17/11	MvA
1690	WPTX	Lexington Park MD; talk, "16-90 AM" ID	W	0650	11/12	HP
1690	CHTO	Toronto ON; Greek mx and OM tlk in Greek; severe problems from Greek pirate on 1689.9 kHz	vP	2220	10/12	TB
1690	CHTO	Toronto ON; Greek music & songs; ID "AM 16-90 Toronto"	F	0640	3/1	Rha
1700	WEUP	Huntsville AL; "WEUP, the People's Station" Soul music	W/F	0115	20/12	PC
1700	WEUP	Huntsville AL; gospel mx; "The People's station"	243	2247	24/12	MvA
1700	WEUP	Huntsville AL; "WEUP, The Peoples Station, we magnify the Lord in every musical note. There's no shame in our grace"	Fpk	0519	26/12	mah
1700	WJCC	Miami Springs FL; "WJCC ... la radio ... todos las días ... 1700 AM aquí su radio, escuchando la Z"	F	0500	24/12	AB
1700	WJCC	Miami Springs FL; SS ID, mx	333	0700	24/12	MvA
1700	KKLF	Sherman TX; "5-70 KLIF" ID in talk show	W/F	2330	2/12	PC
1700	KVNS	Brownsville TX; more "La Preciosa" IDs and Mexican music, with presumed WEUP in the background	F	0713	24/11	AB
1700	KVNS	Brownsville TX; "La Preciosa"; peculiar SS song - "0-39" repeated many times!	G	0809	29/11	PC
1700	KVNS	Brownsville TX; Abba mx, ID "KVNS 1700, Brownsville, La Preciosa", SS love song; also G 0530 29/11	F/G	0456	30/11	HP
1700	KVNS	Brownsville TX; SS ranchera xd WEUV's gospels	W/F	0545	1/12	Rha
1700	KVNS	Brownsville TX; <b>new format</b> , Oldies (midnight train to Georgia) 0637 ID "Classic Rock'n'Roll Oldies Radio 1700 KVNS"; also W/F 0623 8/12, W/F 0545 23/12	F	0535	2/12	HP
1700	KVNS	Brownsville TX; new format now includes live Rio Grande Valley Silverados Basketball (this a new team since Nov 2007)	Good	0059	31/12	SW
1700	KVNS	Brownsville TX; <b>change of format</b> ; ID'ing as "Oldies radio" with 60s/70s music – Beatles, Santana	W/F	2349	2/12	PC
1700	KVNS	Brownsville TX; "La Preciosa" ID & then oldie song	F/G	0644	3/1	Rha
1700	XEPE	Tecate; "San Diego's 1700 AM, the talk of San Diego"	W	1017	9/12	mah

Many thanks to the following reporters:

- AB Andrew Brade, Holme-on-Spalding Moor, East Yorkshire. AOR AR 7030+, 40m EWE at 290°, 290° phased array from 7 Dec 07. Recording on Sony MZ-NH1 minidisc + Total Recorder.
- BD Barry Davies, Carlisle, Cumbria. AOR AR 7030, 130m longwire.
- FW Friedhelm Wittlieb, Lünen, Germany. Grundig Satellite 700 with martens fram-antenna.
- HP Hans Pammer, Loosdorf, Austria. Icom R75, AOR 7030+, MFJ 1026 (modified), K9AY, 75m Beverage at 215°, 65m Beverage at 220°.
- JF John Faulkner, Sutton-in-Ashfield, Notts. AOR AR7030, EWE antenna, Winrad v1.24, VAC, WaveLab, Cool Edit Pro, RecAll-PRO.
- JW John Williams, Hemel Hempstead. AOR 7030 and 40m long wire.
- KB Ken Baird, Ayrshire, in [www.tadx.mediumwaveradio.org](http://www.tadx.mediumwaveradio.org). NRD545, and Perseus SDR; 500m Beverage at around 320 deg.

- mah Martin Hall, Clashmore, Sutherland. NRD-545, RPA-1 preamp, MFJ-1026 phaser (modified), beverages: 513m at 233 degrees, terminated; 475m at 262 degrees, terminated; 506m at 279 degrees, terminated, 550m at 338 degrees, terminated, 50m at 321 degrees, unterminated; TotalRecorder, Technics RS-BX404 cassette deck as backup.
- MvA Max van Arnhem; Hoenderloo, The Netherlands. AOR7030plus; KAZ 40, 70, 250, 290 and 340 degrees.
- PC Paul Crankshaw; Troon, Ayrshire. AR7030; EWE, MFJ-1025 Phaser (modified).
- Rha Ronald Hagensen, Ottersberg, Germany. AOR 7030plus, 22m in direction 315°, 28m in direction 290°, Wellbrook ALA 1530 outdoors
- TB Tim Bucknall, Congleton, Cheshire. Icom IC-75, Wellbrook ALA 1530 outdoor loop, Panasonic OMR-ES10 DVD recorder.

In a message of 27 Dec, **Paul C** comments: “Conditions in the last couple of weeks have been disappointing, but the highlight was the morning of 9 December with several stations coming in from the Prairies and beyond”.

**Hans** tells us (26 Dec): “Here are my December Logs so far. Conditions were good early in the month but disappeared during the last 10-14 days. From time to time I suffer a noise problem, which is gone just before Christmas. It comes right in time to reduce the amount of listening hours before the big start-up (hopefully!) in Denmark. I will be at Wilhelm Herbst’s DX183 location between Jan 5 - Jan 15, 2008. Conditions will improve I think until then! I will post you my DX-183 loggings right in time to the next dateline”.

**John F**: “Attached is my attempt at a log. I know there are still some reasonable catches in there including my tentative CHSM on 1250 but there is a lot of repetition from the previous month and I have once again failed to hear the higher latitude stuff others have been hearing. If I can summon the enthusiasm I would like to construct a dual ewe system again. One for South America, the other for North America. I could co-phase them to some degree”.

Here in **Clashmore**, conditions have been very variable since the last deadline. The last week of November was rather dull, but the 7 days from 3-10 December produced some good conditions to the western states and provinces, with the 4<sup>th</sup> and 9<sup>th</sup> being the best days. The rest of the month was then rather variable, with a few weak openings to the west coast, mid-west, prairies, and Alaska, and some east coast reception of less common stations. December 31<sup>st</sup> was particularly good for stations from British Columbia and Washington state, and 2<sup>nd</sup> January was good for Alaska and 1500 KUMU from Hawaii. However, the 1<sup>st</sup>, 3<sup>rd</sup> and 4<sup>th</sup> were disappointing, in view of the low K index - mah.

**Roger Bunney** tells us that the equipment used by his friend Robert Copeman in Melbourne, Australia, for the reception of the MW DX reported last month was a Yaesu FRG-100 with just a 3 ft box-type loop, which I assume was tuned. I used to use one of these box loops myself in the 60’s with an AR88D, and very effective they were as well, especially for overnight DXing, but they seem to have fallen out of favour with UK DXers in recent years, having been replaced by Flag, Pennant, KAZ, K9AY or ALA 1530 type antennas where space is limited - mah.

The **deadline** for the February DX Loggings is **Tuesday 27<sup>th</sup> January**. 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. Since contributions that are not received electronically (i.e. via e-mail, floppy disc, or CD/DVD) are very time-consuming to incorporate into DX Loggings, **I regret that I am unable to accept logs of more than 20 stations in manuscript, paper or fax copy**. Please also remember that I don’t automatically include loggings sent to the MWC e-List, so please copy me separately if you would like them included in DX Loggings. I’d like to request that you provide details of IDs of stations heard (particularly the less common catches) to give confidence that you have actually heard the stations logged. Many thanks for your help.

73’s Martin

# VERIFICATIONS SECTION

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with Clive Rooms

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<u>Station</u>	<u>kHz</u>	<u>A</u>	<u>B</u>	<u>C</u>	<u>who</u>	<u>Station</u>	<u>kHz</u>	<u>A</u>	<u>B</u>	<u>C</u>	<u>who</u>		
<u>Armenia</u>						<u>Philippines</u>							
TWR Gavar	<u>1</u>	1377	cd	\$1	14	MvA	DZEC Quezon City	<u>3</u>	1062	lt	JB		
<u>Canada</u>						<u>Spain</u>							
CFAV Laval QC		1570	e	no	1	MvA	RNE 1 Vitoria		612	cd	ms	43	MvA
							RNE 5 Galica	<u>4</u>	1503	cd			GH
<u>France</u>						<u>UK</u>							
R Maria		1476	cd		23	GH	L & D Hospital R		1134	lt	sae	5	MH
							Red Sands R		1278	cd	sae	52	MH
<u>Japan</u>						<u>US Virgin Is</u>							
JOFK Hiroshima	<u>2</u>	1071		ms		JB	WSTX Christiansted	<u>5</u>	970	lt	ms	55	BD
JOIR Sendai		1260	cd	ms		JB							

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

## Notes:

- 1 No mention was made of the transmitter site as TWR say it's their policy not to mention the site!
- 2 John sent an audio CD with his written reception report plus a postcard of where he lives. The station just returned the postcard with a handwritten message on it. John had also sent several previous reports to the station.
- 3 This QSL was the result of several follow-up reports. John mentioned that the v/s is newly appointed in the position and sounds very DXer friendly.
- 4 The QSL card came from the Madrid HQ.
- 5 Barry has been waiting a long while to hear this one and they rewarded him with WSTX biros, baseball caps and a key ring. The address is PO Box 25680, Christiansted, VI 0824-1680

## Verification Signers

WSTX-Jonathan Cohen, Owner

Red Sands R-Bob Le Roi

DZEC-Benildo C Santiago, EBC Network Manager

## Contributors

BD-Barry Davies, MH-Mark Hattam, MvA-Max van Arnhem in the Netherlands, GH-Ge Huijbens in Belgium, John Bryant in the USA.

Artur Fernandez Llorella in Spain reports QSLs from RNE 5 Oviedo on 531. An e-report was sent to [jefe-medios.o.rne@rtve.es](mailto:jefe-medios.o.rne@rtve.es) and a f/d letter was received from Luis Martinez, Jefe Tecnico. Also from COPE Astorga 1134. Report was sent to COPE Leon, Lope de Vega 1, 24002 Leon and a f/d letter was received from Carlos Palacios, Director.

Jim Pogue in Memphis TN reports a QSL from the Russian time signal station on 14996 after just over NINETEEN years! Motto – never give up! 73s for now – Clive.