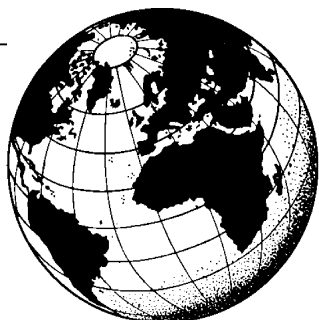


# MEDIUM WAVE NEWS

MEDIUM WAVE CIRCLE

January 2010 Volume 55 No. 08



♣ *HAPPY NEW YEAR*

♣ *Welcome to 2010*

♣ *Review: Tecsun PL310*

♣ *Review: Tecsun PL380*

♣ *Erecting wire loop antennas*

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## STOP PRESS:

Welcome to new members this month. Alan Young in Carshalton Beeches; Peter Stephenson in Leeds; Simon Guettier in Buckinghamshire (re-joining); and Carlo Bonetti in Italy. WELCOME TO THE CIRCLE

Stop Press Deadlines:	30 <sup>th</sup> January for February 2010	28 <sup>th</sup> February for March 2010
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Cover illustration:	Walter Roberts at the Voice of America (Die Stimme Amerikas) microphone
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# EDITORIAL

with Steve Whitt

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This month I am at last able to bring you some more feature articles, however it is partly possible because we are temporarily missing news from Central and Latin America and more significantly we are still lacking a Utility Column.

Nevertheless Martin Hall continues to include fascinating loggings in the DX News column which reflect the continuing excellent MW reception conditions. Many DXers say that conditions have not been this favourable since the mid 1960s. But the comparison is not really fair.

Back then most MW DXers were still using valve (tube) receivers and either a random wire outdoor antenna or a tuned MW loop indoors. However most radio stations did not operate 24 hours a day which meant that night time DX was possible in an environment with much less interference.

That said, from the UK the “best DX” reported was from stations on the Pacific coast of North America. No one, as far I know, heard Alaska even more exotic signals. Since the mid 1980s DXers proved that reception of Alaska was possible in UK. But in recent years Martin Hall showed that reception of Alaska could almost be a daily occurrence during an extended sunspot minimum.

To top that, Martin this month reports more UK firsts from Hawaii and from New Zealand!!

But Martin is not the only one getting exceptional signals, judging by the number of “Personal Firsts” being reported. I am particularly pleased to have made my first MW reception of Japan in the last few days – a first in several decades of DXing!

## Features

This month I’m very pleased to find space for two articles by Gary deBock. He reviews two amazing portable receivers that not only cover MW extremely effectively but serve as high quality general coverage receivers. It is clear that technology has leapt forward in performance and in price. Most traditional portable radios really should be consigned to the scrap heap (sorry recycling bin – I forgot the European Waste Electrical and Electronic Equipment Directive!). I suggest you read Gary’s reviews and rush out to get one of these gems.

Many commentators have suggested that development of receivers for AM & FM and shortwave would cease in the face of pressure to switch to digital radio but the huge Chinese market and the activities of companies like Tecsun suggest otherwise.

Indeed one should remember that right now more FM radios are being sold than ever before, and certainly more than all digital radios combined. And why? Most mobile phones, and ipods, contain an FM radio. The latest ipod nano even introduces a pause facility for its FM radio, allowing you to pause and catch up with up to 15 minutes of off air programming! It also has other features like track tagging. - features that I don’t think are yet available on a digital radio.

In contrast, although DAB radios continue to sell well in the UK, one must treat so called digital listening figures with caution. In my limited experience I have found many owners of DAB radios don’t know whether they are listening to DAB or FM (most radios have both!). And since most owners of DAB radio still listen to the big four BBC services (radios 1, 2, 3, 4) there is no real

advantage to listening to these in digital format – in fact most people will get better coverage and better quality audio by switching their DAB receiver back to conventional FM!!

I'm also pleased to welcome a feature from John Bryant and Guy Atkins produced in their usual thoroughly researched style.

### Utility Column.

We are still looking for a volunteer to take over from Andy Robins. If you are interested in utility transmissions, and would like to share your interest with the rest of the Circle please consider whether you could help by compiling a column for Medium Wave News. To find out more why not call me for a chat.

### SAQ Christmas broadcast

This year the Grimeton transmitter in Sweden again made a special broadcast on 17.2kHz and it was heard by listeners as follows:

Austria	3	Germany	56 (2 unheard)	Russia	1 (1 unheard_
Belgium	6	Great Britain	8	Slovenia	1
Czech Rep.	8	Netherlands	10 (1 unheard)	Spain	1
Denmark	6	Norway	2	Sweden	20 (1 unheard)
Finland	2	Poland	3	Switzerland	3
France	6 (1 unheard)			USA	4 (2 unheard)
				<b>Total</b>	140 (8 unheard)

### Mystery Utility Solved

Tracey Gardner writes, "Hello Steve, We've finally pinned down that NDB that you heard back in 2001! Herman Schoemaker adds "While checking and aligning my NDB-database with REU, I stumbled on an UNID you received on October 30, 2009. I can help you with this one: BRN 897 Jack-up Rig GSF Britannia N5301 E00211" I am not sure whether it is still located at that position, as I read somewhere it has been towed into Scottish waters?"

### Monitoring Matters

Since the recent demise of the print publication Monitoring Monthly edited by Kevin Nice, it seems that a number of its former contributors have banded together to produce a new online monthly magazine called Monitoring Matters. For more information check out <http://www.monitoring-matters.com/>

### DWR16 Wideband HF Receiver

Has anyone any experience of this SW receiver produced by Roke Manor in the UK for the military boys? It seems to be similar in concept to Perseus but my guess is that it costs 10 times as much!! For full specification sheet see <http://www.roke.co.uk/resources/datasheets/locate-dwr16.pdf>



Now on with the show. Welcome to 2010!

73s *Steve*

# Large Single Wire Loops

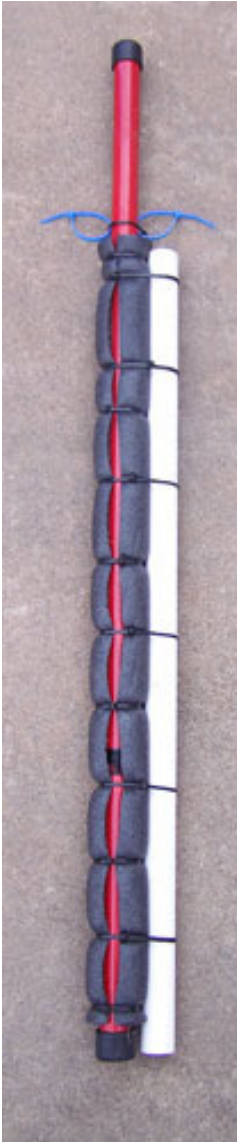
## the cheap, fast and easy way

John Bryant with Guy Atkins

January 2010

I've been actively DXpeditioning for twenty years now and have gone on at least a hundred such adventures, primarily in coastal Washington state and British Columbia. For the past decade, my DXpeditioning buddy, Guy Atkins and I have been using various forms of large single wire loops for at least one of our antenna choices: these have been EWEs, KAZs, Pennants, Flags and Super Loops and each antenna or array has required from one to four masts. I've also come to use these types of antenna almost exclusively at "home" also, as I cycled between Oklahoma and Washington state, with six month stints in each place each year.

Both of us have been intensely interested in developing quick, easy, cheap and yet stoutly built semi-permanent loop and mast designs. Over the first five years of the effort, we regularly modified the design, usually making it simpler, easier and cheaper than before. Feeding off each others ideas, it is almost impossible to remember who thought of what. Our resulting design, stabilized almost 5 years ago, has proven to be quite sturdy. I have found that the poles will last at least 2 years in *continuous* use. Personally, I have only had two poles partially collapse (a largely imaginary bug-a-boo) in all of those occasions.



So what is the deal here? First, the poles: we have both been using 19 or 20 foot long light-weight \$25 (sometimes as low as \$14) collapsible fiberglass or carbon fiber poles almost from the very beginning. Although my favorite supplier, <http://www.tmastco.com/>, actually markets these poles for antennas, all of the pole manufacturers I'm aware of are actually building them for the kite and banner industry or as light, almost disposable fishing rods. The fishing pole used most often has been the 20 ft. BnM Crappie Fishing Pole, model BW6. A virtual clone is the Bream Stix series.

These poles, if used correctly, are actually rather strong. Their main weakness is in their somewhat brittle nature when subjected to what structural engineers call concentrated and/or point loads. These must be avoided at all costs! The strength of the poles lies in responding to *bending* forces. Think about it; these things are designed as fishing rods or poles shoved in the beach that fly wind socks and banners from their tips or upper halves. Trying to keep these poles straight and induce forces going straight down their long dimension is an exercise in frustration, antennas on the ground and collapsed poles. So, *we use \$25 fishing poles; we try to use them at least slightly bent rather than straight and we avoid point and concentrated loads.*

OK, great, now we have to hold them in place in everything from beach sand to damp greasy clay and we gotta do it quick, easy and cheap. This was our most intense area of experimentation. Eventually, we focused on the means illustrated on the left portion of this page. To anchor the pole, *we use a .75 x 4 steel reinforcing rod driven halfway into the soil.* This has proven strong enough (smaller bars did not) to support our masts and loops in winds above 60 mph on any number of occasions. We protect the rod/mast by enclosing the rebar in a 1 diameter Schedule 40 PVC water pipe that is attached to the mast with 6 or so plastic cable clamps. The pole itself is cushioned with a 3 section of foam plastic sleeve fabricated from insulation for hot water pipes.

Everything is tied together with those plastic cable ties. About the only judgment involved in assembly is just how tight to pull the cable ties. They need to be pretty tight



between the PVC pipe and the fishing pole, but not so tight as to cause pole implosion when in use. These pole units are fabricated and stored between DXpeditions.

At the site, we simply extend the pole itself full length, drive the 3/4" re-bar (not shown) halfway in the ground and drop the 1" PVC pipe tube down over the re-bar. Bang, it's done in far less than 5 minutes and with minimal effort.

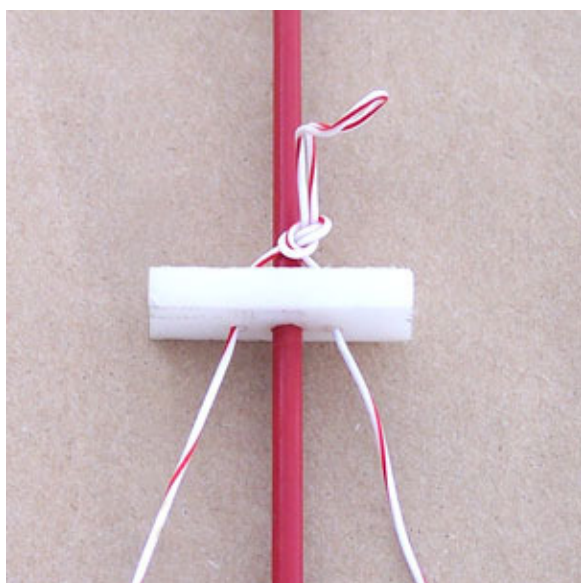
Whoa, there! How about the antennas themselves? The truth is that – in most of our designs - these light poles will not support even 18 gauge wire. Guy and I both use insulated 24 gauge *multi-strand* wire. When possible, we try to get inexpensive lengths of Teflon-coated 24 gauge wire, because the coating itself is both light weight and very strong. We often use the antenna itself as a guy wire, so strength is important. That being said, my two oldest 20' x 17' Delta antennas are from regular plastic coated 24 gauge multi-strand that was sold USED in 1986! The important ideas are *24 gauge, insulated and multi-strand*. The latter recommendation is because multi-strand is much more flexible and long lasting than solid single conductor wire (in antenna applications.)



There is just one final question related to detailed construction: connections between the fishing pole and anything else: generally either the antenna itself or, in some designs, guy ropes. The primary answer is: *plastic cable ties*. They are marvelously versatile and inexpensive; don't go on a DXpedition without them! We generally use some version of the blue-black connection (at the left) that is the one that we use at the center-bottom of a Delta that is elevated 3' above the ground. A central cable tie (the black one

here) goes around the pole and around the actual hanger ties (the blue ones.) We tie the bottom wires of the Delta directly to the blue ties.

For guy ropes, we try to position the junction such that the horizontal cable tie is *just above a joint in the pole*. If done that way, the junction is less likely to slide down the pole. We often use 1/8" diameter light-but-stout fishing line as guy ropes, as it does a great job with these light loads and offers little wind resistance. In guy rope situations, the horizontal cable tie shown above would be a stronger tie, of course.



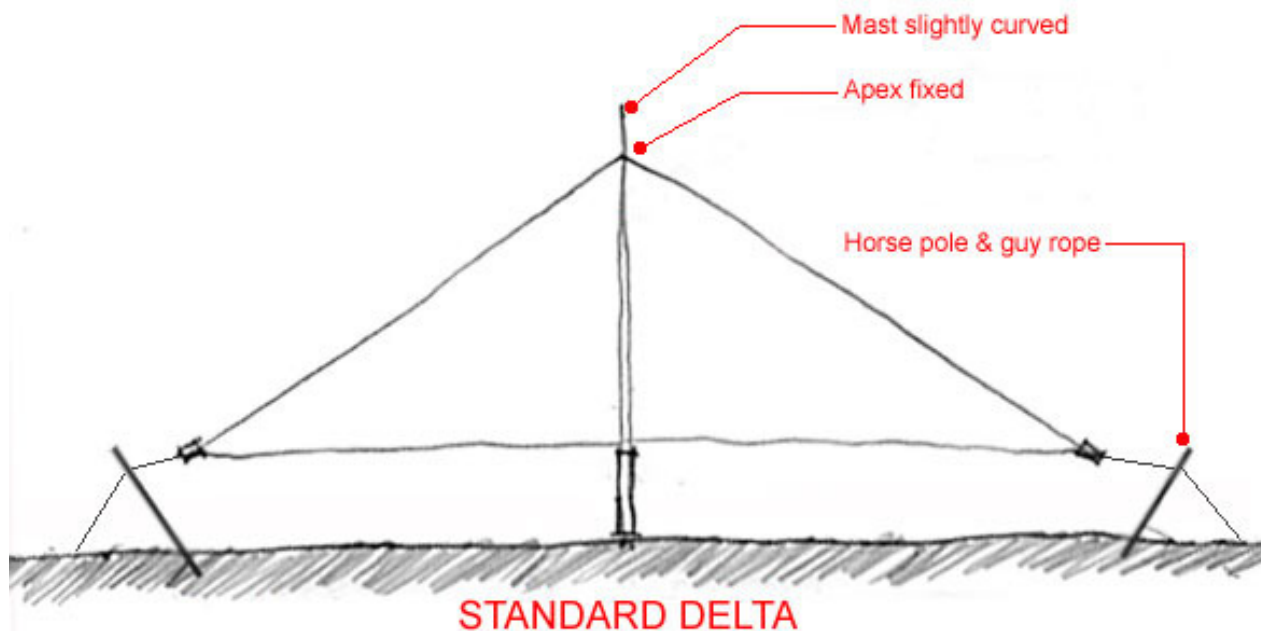
The two of us diverge in our design for the upper wire connection to the pole (the apex of a Delta, for instance.) Guy uses a cable tie connection at the upper most pole connection. It has one horizontal central cable tie (very tight) and one vertical hanger tie to take the peak of the antenna wire. John goes a different route, having developed 1" x 1/2" fittings fabricated from high-density plastic such as Nylon. The edges of the large hole are carefully rounded to protect the pole. These fittings slide down the ever-enlarging pole about 15" and are a temporary jamb fit. Either way works.

That then represents our basic antenna support design for both triangular and rectangular large area, single turn loop antennas. The other half of our

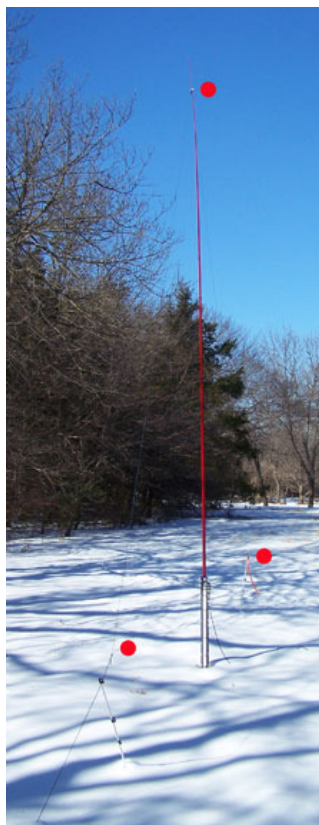
success, we believe, is using the bending strength of the poles and the tensile strength of the antenna itself to create easy semi-permanent antennas.

The following three pages detail three different antenna designs that we use quite often, always with the fishing poles discussed in the first two pages of this article. The first two designs have been used on several dozen DXpeditions and each has stayed up and in use for 6 month periods in central Oklahoma with no problems whatsoever. The latter, A Frame Delta design has been flown a half dozen times, again with no problems. We hope that the results of this decade long effort will be of use in your own antenna work!

## ANTENNA DESIGN 1



The first antenna drawing is the design that we use for Deltas that are elevated about a meter off the ground: K9AYs, and KAZs, as well as the antenna elements for many of our phased arrays. The top drawing is a typical side elevation of the antenna.



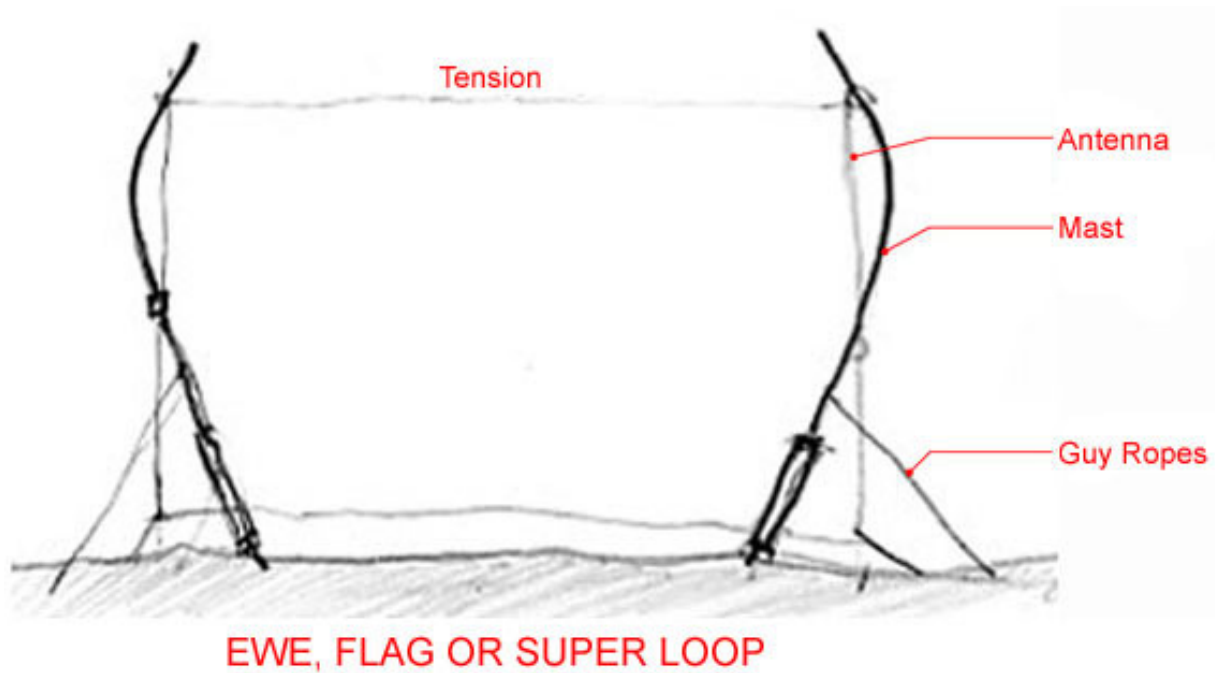
The 3' tall plastic stakes that we use with the guy ropes are round plastic ones sold for use with temporary electric fences for horses. They are also called step-in electric fence posts. Typically, the lower chord of this antenna is at 3' off the ground. The overall size varies per application: the largest that we've flown this way is about 30', though larger should be possible in moderate weather. Note the slight bend in the upper portion of the pole. This is completely normal and is, in fact, desirable from a structural point of view.

The two pictures to the left detail the mast used in a typical Delta configuration, with the bottom chord about one meter above the ground plane. In this configuration, the apex of the delta is fixed, tension is in the remainder of the antenna and the lower corners are free to self-adjust. The red dots connote the three corners of the antenna. The

central mast is slightly curved for structural integrity.

The second photo is a detailed view of the same antenna, showing the lower portion of the base of the antenna, with the Wellbrook ALA100 amp and impedance matcher attached by cable ties. In these photos, the mast and Delta are being used as one of two elements in a first generation (based on two ALA100s) Wellbrook Phased Array.

## ANTENNA DESIGN 2

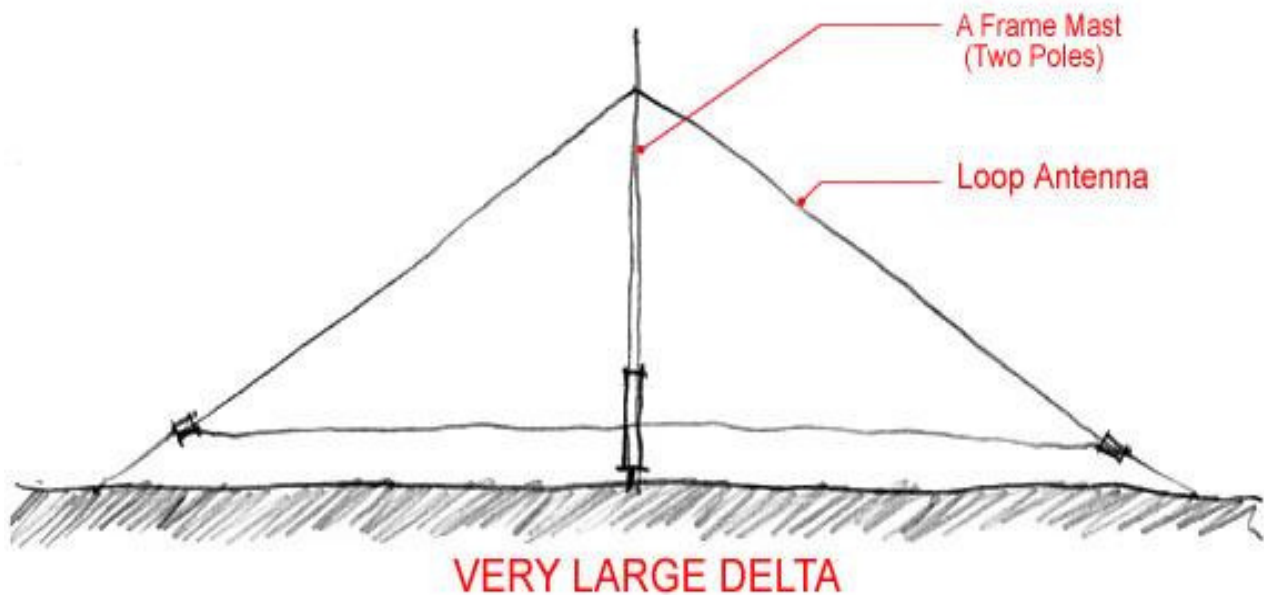


Our second design is for rectangular single turn loops: Flags, EWEs, and Super Loops. This design appears to be rather radical, though we have used it very successfully for up to 6 months a time and in raw weather. Although the poles are bent more in this design than in the Deltas, they have always returned to their normal appearance immediately after use and had no residual “memory” of their curvature. Four short guy ropes are used in this design to provide weather stability in this design. Each pole is guyed by two ropes that run at about 45 degrees to the plane of the loop. These provide stability in rough weather, both in the plane of the loop (winds from left or right, here) and for winds blowing at 90 degrees to the plane of the loop (blowing into the page or directly out from it.) We usually stake these into the soil with plastic camping tent stakes.

We usually fly this design at a 18' x 40' size, though a 18' x 60' antenna has been flown in moderate weather. If this design is used as a Flag, the lower wire would likely be raised to the 3' level and the transformer and opposing resistor would each be mounted about half way up the two poles. This has only been done three or four times, but it was quite successful.



## ANTENNA DESIGN 3



A variant of the original Delta design is shown above. This design uses an "A" frame of two masts rather than a single central pole as in the first design; however, the side elevation is very similar. The apex joint is fixed in position and there is tension in the two upper sides of the antenna, using the upper wires as guy wires.

The opposite elevation looking along the plane of the antenna is shown below. The bases of the masts are about 4 feet apart. This double central mast "A Frame" design is rarely used except to fly very large Delta antennas up to 100 feet long, sometimes built with 18 guage insulated wire.

Have a GREAT TIME and  
GOOD DX!!!

# The Tecsun PL-310 AM-FM-SW-LW DSP Receiver

## Four Band Performance Review

By Gary DeBock, Puyallup, WA USA    October 2009



**Introduction** The Tecsun PL-310 is the latest DSP-enhanced pocket radio produced by China's premier electronics manufacturer, and was designed to fully utilize all the innovative functions available from the American-designed Silicon Labs' 4734 DSP chip. A product of the intense competition in the Chinese domestic market, the radio was designed to compete favorably with the Kchibo D96L model, which was introduced in August with very similar features. Because of the economics of the Chinese domestic market, the Tecsun and Kchibo companies have invested heavily in the practical application of the 4734 DSP chip in inexpensive consumer radios, producing models with astonishing capabilities—and very low prices.

The PL-310 was eagerly anticipated by hobbyists desiring a high quality pocket radio with the full range of DSP selectivity choices available from the 4734 DSP chip—1, 2, 3, 4 and 6 kHz filtering options. Such choices were initially offered in the Kchibo D96L model, but with various quirks that made some DXers less than satisfied. In this mini-review, the PL-310 will be extensively compared with the D96L, as well as with the Tecsun PL-300WT (a.k.a. G8), Tecsun's initial DSP pocket radio model. Such a detailed comparison should enable prospective purchasers to make a decision whether the new PL-310 model will meet their needs.

**The PL-310 Design Strategy** The PL-310 is essentially a refinement of Tecsun's PL-300WT model, introduced in May as the first Chinese-market pocket radio featuring the Silicon Labs' 4734 DSP chip. Although the PL-300WT (and its Grundig G8 clone) provided unprecedented AM

selectivity and unmatched FM-DXing performance, there was no choice of DSP selectivity options on AM, and the single fixed option was not at the optimum 1 kHz setting. The radio also suffered from common inductance mismatches between the loopstick and the DSP chip, resulting in less-than-optimum AM and LW sensitivity.

China's Kchibo company took advantage of these shortcomings by introducing their D92L and D96L pocket radio models in July and August respectively, both of which offered the full range of DSP selectivity options from the 4734 chip. Whereas the D92L model was hampered by severe design quirks, the D96L model has proven to be a very formidable AM-DXing receiver-- with most of the D92L quirks corrected. Both of these models (as well as the PL-300WT) are fully covered in the 2009 Ultralight Radio AM-DX Shootout article, in which the Kchibo D96L was judged to be the winner in both AM sensitivity and selectivity. The new PL-310 represents the Tecsun company's best efforts to produce a DSP pocket radio superior to the D96L, and to restore its premier position in this new Chinese domestic market radio category.

The PL-310 Basics Physically, the PL-310 is very similar to the PL-300WT (G8) models, and may be pictured as a PL-300WT with a round tuning knob on the right side. At 5.5" x 3.3" x 1.1" (140 x 87 x 27 mm), the radio barely fits within the 20 cubic inch Ultralight definition limit when the volume of the protruding tuning knob is taken into account. As a 4734 DSP chip-based radio, the display features selectable options of signal strength /signal-to-noise ratio, temperature (selectable in Celsius or Fahrenheit), current time, and alarm time setting. As a major improvement over its PL-300WT predecessor, the PL-310 has selectable 1, 2, 3, 4 and 6 kHz DSP selectivity options available from a front panel control (in a carousel rotation scheme). Another major improvement over the PL-300WT is an excellent direct-entry keypad with generous-sized numeral controls (which operates without the typical need to push an "enter" button). There are 500 preset memories available, and an alarm function which can awaken the owner with either a buzzer, or a live radio signal.

Unlike the PL-300WT with its mismatched loopstick, the PL-310 has competitive LW coverage, which runs from 153-513 kHz. AM coverage is from 520-1710 kHz when 10 kHz steps are selected, and from 522-1620 kHz when 9 kHz steps are selected. The AM tuning rate is adjusted according to the user's rotation of the tuning control, so that rapid rotation of the tuning control shifts the tuning rate from 1 kHz to either 9 or 10 kHz steps (whichever steps are selected by the user for his local area). When the tuning knob rotation is slowed down, the AM tuning rate shifts back to 1 kHz. Even if 10 kHz tuning steps are selected, a transoceanic DX-chaser can still manually tune in the 9 kHz-split frequencies with the tuning control.

Highly sensitive and selective FM coverage is from 64-108 MHz, and FM stereo audio is available from the earphone jack when such stations are received. The FM tuning rate also is adjusted according to the owner's rotation of the tuning knob, with the slower 10 kHz steps changing to 100 kHz steps when the tuning knob rotation is faster.

SW coverage on the PL-310 is from 2.3 MHz to 21.95 MHz, selectable in 13 different band segments from the front panel. In a major improvement over the PL-300WT's reception of numerous AM spurs and mixing products throughout the SW spectrum, the PL-310 SW coverage is free of these problems.

Four different tuning methods are available: manual (tuning knob) rotation, direct frequency entry (using the keypad), "Auto Tuning Storage" (scanning of available stations into memory), and memory recall tuning.





The Tecsun PL-310 is powered by three 1.5v AA batteries (or a 4.5v adapter), and is available in black, silver or gray colors. It comes with three rechargeable AA batteries, a USB cable (to charge the batteries from your computer), stereo earphones, a vinyl carrying case, a wrist strap, and a Chinese owner's manual (an English manual has been promised to current purchasers, to be provided "very shortly"). The PL-310 is currently available for \$39.99 plus \$24.00 shipping (by registered airmail to North America) from the top-rated eBay seller "Anon-co," who will probably be joined by other Chinese eBay sellers once the PL-310 orders increase.

**Competitive Performance** To fully investigate its DXing capabilities, the new PL-310 model was tested against competing top-rated Ultralight radio models on all four bands. For LW testing, it was matched against its PL-300WT predecessor (the only other Ultralight radio with LW coverage).



For AM band testing, it was matched against the new Kchibo D96L model (the sensitivity and selectivity winner in the recent 2009 Ultralight Radio AM-DX Shootout, pictured at left), and the PL-300WT. On the FM band, the PL-310 was up against the top-rated PL-300WT, as well as the D96L. Finally, on the SW bands it was matched against the PL-300WT and the Eton E100 (a.k.a. Tecsun PL-200), which is generally considered the top-performing Ultralight radio in SW performance. All models were provided with new batteries (or recharged batteries) and operational checks prior to the live signal competition.

**LW Testing** The PL-310 was tested against the PL-300WT in the reception of NDB beacons just past local midnight (0800 UTC) on October 10, 2009. The new PL-310 was able to receive the following four beacons, on the approximate frequencies listed:

- "NY" (351 kHz).... Strong
- "ZP" (369 kHz).... Moderate
- "QQ" (398 kHz).... Moderate
- "MOG" (405 kHz).... Weak

Of these four beacons, the PL-300WT model was able to receive only a trace of the "NY" beacon (at very weak strength). The PL-310's LW performance was judged to be far superior to that of the PL-300WT, and as such is the Ultralight radio class performance leader in LW-DXing capability.



**AM Testing** Both sensitivity and selectivity comparisons were made against the top-rated Kchibo D96L model, and the PL-300WT model. Tests were made at 1400 local time on October 10, 2009, in Puyallup, WA (35 miles south of Seattle). The PL-300WT model had been aligned on AM for best sensitivity, but the D96L and PL-310 models were tested as received from the Chinese eBay sellers. Selectivity was tested in the 1 kHz DSP option on both the D96L and PL-310 models.

AM SENSITIVITY (best is 5; worst is 0)

	<u>620-KPOJ</u>	<u>750-KXL</u>	<u>1130-CKWX</u>	<u>1280-KIT</u>	<u>1380-KRKO</u>	<u>1640-KDZR</u>
PL-310 (A)	2.5	3	4	3.5	3.5	3



D96L (A)	3	3	3.5	3	3	3.5
PL-300WT (B)	1	2	3	2	2	2

Sensitivity Summary: The PL-310 has sensitivity roughly equivalent to that of the D96L, but the new PL-310 has an advantage over the middle frequencies, while the Kchibo D96L has a slight advantage on the extreme upper and lower band frequencies. The PL-300WT is outclassed by these two top models.

AM SELECTIVITY (best is 5; worst is 0)

	<u>560-KPQ</u>	<u>1080-KFFX</u>	<u>1370-KAST</u>	<u>1460-KARR</u>
PL-310 (A)	no KVI slop (5)	slight KPTK slop (4)	moderate KKMO slop (3)	no KSUH slop (5)
D96L (A)	no KVI slop (5)	slight KPTK slop (4)	moderate KKMO slop (3)	no KSUH slop (5)
PL-300WT	slight KVI slop (4)	heavy KPTK slop (2)	almost all KKMO slop (1)	heavy KSUH slop (2)
(B)				

Selectivity Summary: The PL-310's selectivity is exactly equal to that of the D96L, with both models showing impressive performance on all test signals. The PL-300WT was again outclassed, due to the lack of a 1 kHz DSP selectivity option.

AM QUIRKS: The PL-310 suffers from the same internally-generated AM heterodynes as the PL-300WT (G8) models, notably around 640, 980, 1400-1430 and 1600-1640 kHz. As with all the 4734 DSP chip radio models (PL-300WT, D92L and D96L), the "soft mute" function causes a serious drop-off in signal strength when tuning 1 kHz up or down from a DX station's frequency, during attempts to escape local QRM. This function also causes "audio pumping" of the AGC action, making it less than effective in smoothing out variations in stations' signal strength. Unlike the PL-300WT, there is apparently no way to disable the dual tuning rate controlled by the speed of tuning knob rotation. There is currently no English owner's manual for the PL-310, although one has been promised by the eBay seller "Anon-co" for recent purchasers.

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FM Testing The PL-310 was tested in the reception of various FM fringe stations against the top-rated PL-300WT, and also the D96L. Tests were made during average daytime conditions in Puyallup, WA (35 miles south of Seattle). The built-in whip antennas were used, with fully extended lengths. Since all these units use the same 4734 DSP chip on FM, FM selectivity was identical for all three models. However, the variations in FM sensitivity are detailed in the following information.

FM SENSITIVITY: (best is 5; worst is 0)

	<u>KISM-92.9</u>	<u>CIOC-98.5</u>	<u>CKKQ-100.3</u>	<u>CFMI-101.1</u>	<u>KINK-101.9</u>	<u>KKCW-103.3</u>
PL-310 (A)	3	5	3	2	2	2
D96L (B)	2	4	1	0	0	0
PL-300WT (A)	3	5	3	2	2	2

FM Sensitivity Summary: The new PL-310 and its PL-300WT predecessor have identical FM sensitivity, which is superb in the reception of very distant fringe stations (most of the above stations are over 100 miles distant). The D96L apparently has a less effective whip antenna design, making its FM sensitivity a shade less impressive.

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SW Testing The PL-310 was tested against the PL-300WT, and also the top-rated SW Ultralight radio, the Eton E100 (a.k.a. Tecsun PL-200), shown at left. Checks were made in the reception of several broadcast stations on the 19m (15 MHz) international band. Checks were also made on the lower SW bands for spurious AM-band signals, and mixing products (a serious problem in the PL-300WT).



SW SENSITIVITY: (best is 5; worst is 0)

	<u>WWV-15.000</u>	<u>UnID Spanish 15.110</u>	<u>WYFR-15.440</u>	<u>World Harvest 15.665</u>
PL-310 (A-)	4	4	5	5
E100 (A)	5	5	5	5
PL-300WT (A-)*	4	4	5	5

\* the PL-300WT has a severe problem, in which all these SW stations are mixing with the local KHHO-850 station, an IBOC pest 5 miles distant. Touching the whip antenna makes these nuisance signals disappear.

SW Sensitivity Summary: The new PL-310 has a shade less SW sensitivity than the Eton E100 (PL-200) model, and has equal SW sensitivity with the PL-300WT. The PL-300WT's severe problem with AM spurs and mixing problems throughout the SW spectrum has been corrected in the PL-310, and the radio is an effective, stable SW receiver.

Tecsun PL-310 Verdict The latest DSP pocket radio from Tecsun is astonishing in its value and versatility, with unsurpassed sensitivity and selectivity on three different bands (AM, FM and LW). Tecsun has combined the outstanding FM performance of the PL-300WT with highly effective DSP filtering options on AM, and has improved the loopstick as well. With the LW design improvements added to the package, Tecsun has created what is very close to being a multiband dream radio—and an unbeatable bargain at \$39.99 plus shipping.

In competition with the Kchibo D96L (the winner of the recent 2009 ULR AM-DX Shootout in both sensitivity and selectivity), the PL-310's overall AM performance is roughly equivalent, and highly impressive. But these radios have different quirks, which may influence a purchaser's decision. The PL-310 has a more serious issue with internally-generated heterodynes, which have disappointed various PL-300WT (G8) owners. But the D96L has its own problem with digital "chuffing noise" for 5 seconds whenever a control is changed, temporarily degrading AM sensitivity during DXing (and during MP3 recordings). The construction and style of the two competing radios is also quite different, with the PL-310 having a more traditional rectangular cabinet, and the D96L having a rounded-edge tapered style.

When the additional bands are considered, however, the PL-310 is the runaway winner in value over the D96L. It has superior FM and SW performance, and whereas the D96L has no LW coverage, the PL-310 has excellent LW capability. The superb multiband performance of the new Tecsun model certainly sets a high new standard for Ultralight radios, and is certain to attract many more hobbyists to the unique thrills and excitement of pocket radio DXing.

73 and Best Wishes,  
Gary DeBock

# Tecsun PL-380 DSP Receiver—the Ultimate Ultralight?

## Four Band Performance Review of Tecsun's Latest DSP-enhanced Pocket Radio

By Gary DeBock, Puyallup, WA USA

December 2009



**Introduction** In late spring of this year China's leading radio manufacturer, the Tecsun Company, introduced the first consumer-oriented pocket radio to feature the innovative Silicon Labs' 4734 DSP chip-- the PL-300WT AM-FM-SW-LW receiver. This breakthrough model provided outstanding FM sensitivity and selectivity, and unprecedented AM selectivity for a pocket radio—immediately changing the playing field for the compact receiver segment of the electronics market. Whereas the PL-300WT (and its Grundig G8 clone) was a dream come true for FM-DXing enthusiasts, its AM DXing performance was limited in several aspects, causing both the Tecsun and Kchibo companies to quickly develop and market new models that would exceed the PL-300WT's AM sensitivity and selectivity—and overall AM-DXing potential.

The 4734 DSP chip controlling the PL-300WT had been designed to allow multiple DSP filtering options for outstanding AM selectivity, but this superb capability was not used in the PL-300WT, which had its DSP filtering fixed at a setting wider than optimum (for DXing). Unfortunately another 4734 chip capability was included, however—an irritating “soft mute” function, which caused a severe drop off in DX audio when tuning 1 kHz farther away from a pest station. AM-DXers who purchased the PL-300WT (Grundig G8) models began longing for an improved pocket radio which offered all the DSP selectivity choices available with the 4734 IC chip, and which was free of the “soft mute” issue. Fortunately, the Chinese manufacturers got the message, and rushed to comply with our desires.

**Multiple DSP Filtering Selections** The Kchibo company took advantage of the PL-300WT's lack of filtering options with the summer introduction of its D92L and D96L models, which were AM-FM-SW units complete with the full range of DSP selectivity choices available from the 4734 IC chip (6, 4, 3, 2 and 1 kHz). Improving upon a reputation for producing low-cost radios of questionable quality, Kchibo made a serious effort to engineer reliability into these new DSP models, and most of the radios worked exactly as designed.



In the case of the D92L, however, the design itself had severe shortcomings, including a digital section generating RF hash to degrade AM sensitivity, and a 15-second digital “chuffing noise” whenever a control was changed. As such, the D92L models never really caught on with AM-DXers.



The D96L model (at left) was vastly improved, though, with excellent AM sensitivity and a reduced (5-second) digital “chuffing noise.” As the best performing DSP model available at the time of the 2009 Ultralight Radio Shootout (mid-September of 2009), the D96L came away with top honors, unique with its combined superiority in both AM sensitivity and selectivity.

Tecsun PL-310 Model During the summer Tecsun itself was preparing two new DSP pocket radios to maintain its market dominance, the first of which was the PL-310, an outstanding AM-FM-SW-LW model also featuring the full range of DSP selectivity options (like the D96L).

In comparison to the D96L, the new PL-310 (at right) offered roughly similar performance in AM-DXing, but had superior FM and SW performance, as well as a fairly competitive Longwave band not included in the D96L. Like all Tecsun models, it was free of the digital “chuffing noise” issue in the Kchibo models, and had a more traditional, rectangular design. Fortunately, Tecsun was also developing a DSP pocket radio which had all the advantages of the PL-310, plus complete freedom from the one disadvantage plaguing all the DSP pocket radios produced thus far... the irritating “soft mute” function, a major drawback for weak-signal AM-DXers.



PL-380 Specifications The new Tecsun PL-380 model (at left) is that highly refined product from China’s leading radio manufacturer, which for international purchasers is currently only offered by the top-rated Hong Kong eBay sellers “Anon-co” for \$45.99, plus \$24.00 shipping (by registered air mail to North America), and “elink.shop” (for \$44.99 plus \$24 shipping).

It’s an AM-FM-SW-LW model with fairly competitive performance on all four bands, and may be considered Tecsun’s “second generation” DSP pocket radio, with many improvements over the original PL-300WT model. Offered in black, gray and silver colors, the PL-380’s cabinet (at 133 x 85 x 27 mm, or 5.3 x 3.3 x 1.2”) is of equivalent size to the Tecsun PL-310 and PL-300WT models, and may be pictured as a PL-310 with a tuning thumbwheel (instead of a round tuning knob, as on the PL-310 model). Three AA batteries or a 4.5 VDC adapter supply power for the model (three rechargeable batteries are included with the radio, as well as a USB cable for charging from a computer), and the weight of the PL-380 is 200 grams (7 ounces) when fully loaded.

In comparison to the PL-310 DSP model, the new PL-380 has all the advanced digital features of its predecessor, plus a few new ones. Like the PL-310, it has Si4734 DSP chip-based displays of signal strength, signal-to-noise ratio, temperature (selectable in Celsius or Fahrenheit), battery consumption, current time, and alarm time setting. It has selectable 1, 2, 3, 4 and 6 kHz DSP selectivity options



available from a front panel control (in a carousel rotation scheme). It has an excellent direct-entry keypad with generous-sized numerical controls (which operates without the typical need to push an “enter” button). The model has 550 preset memories available, with 100 for each of the AM, LW and FM bands, plus 250 for the SW bands. An alarm function can awaken the owner with either a buzzer or a live radio signal, and there is also a selectable key-lock function.

AM coverage on the PL-380 is from 520-1710 kHz when 10 kHz tuning steps are selected, and from 522-1620 when 9 kHz steps are selected. As on the PL-310, the AM tuning rate is adjusted according to the user’s rotation of the tuning control, so that rapid rotation of the tuning control shifts the tuning rate from 1 kHz to either 9 or 10 kHz steps (whichever steps are selected by the user for AM operation). When the tuning control rotation is slowed or stopped, the AM tuning rate shifts back to 1 kHz. This tuning system takes some practice to master, and is not universally popular with all DXers. Even if 10 kHz tuning steps are selected, a transoceanic DX chaser can still manually tune in the 9 kHz-split frequencies with the tuning control.

LW coverage on the PL-380 is from 153-513 kHz, with sensitivity somewhat less than that of the PL-310 model (which is greatly superior to that of the PL-300WT models, but inferior to that of the ICF-2010 and other top portables). Outstanding FM reception is available from 64-108 MHz, and FM stereo audio is available from the earphone jack when such stations are received. The FM tuning rate is also adjusted according to the user’s rotation of the tuning knob, with the slower 10 kHz steps changing to 100 kHz steps when the tuning knob rotation is faster. The FM-DXing performance of the PL-380 is exceptional (as in the PL-300WT and PL-310 models), with the Si4734 DSP chip providing a breakthrough level of sensitivity and selectivity for weak-signal reception.

SW coverage is generally decent, and is from 2.3- 21.95 MHz, selectable in 13 different band segments from the front panel. In a major improvement of the PL-300WT (G8)’s reception of numerous AM spurs and mixing products throughout the SW spectrum, the PL-380’s SW reception is free of these problems (as is the PL-310’s SW section).

Whereas the PL-310 has five tuning modes, the new PL-380 has no fewer than seven: Easy Tuning Mode (ETM), jog dial manual tuning, auto-scan tuning, pre-setting manual scan tuning, memory pre-setting auto scan tuning (ATS), memory pre-setting address direct-entry tuning, and frequency direct-entry tuning. The reviewer was highly impressed with the versatility offered by these various digital tuning methods (explained thoroughly in the 29-page English owner’s manual), but since full explanation of each tuning system is beyond the scope of this review, suffice it to say that a PL-380 owner will have no problem tuning in multiple DX stations in every conceivable way.

Included in the PL-380 shipping package are three rechargeable AA batteries, a USB cable to charge the batteries from a computer, a Chinese owner’s manual and registration card, a vinyl carrying case, stereo ear bud phones and case, a clip-on wire antenna, and a wrist strap attached to the PL-380 cabinet.



AM-Oriented Technical Summary For some strange reason, Tecsun has chosen to install a PL-380 loopstick significantly smaller than that of the PL-310 (80 x 8mm or 3 1/8 x 5/16”, as opposed to the PL-310’s 100 x 8mm or 3 15/16 x 5/16”). This does result in slightly less AM sensitivity on the mid-band frequencies than with the PL-310, as will be detailed in the following live tests. Balanced against this slight detriment is the PL-380’s freedom from the soft mute function, allowing reception of weak AM stations without the signal dropping in and out, as is occasionally an issue with the PL-310 (and other soft mute-enabled Si4734-chip radios). For DXers using effective external antennas, of course,

the size of the PL-380's loopstick would be irrelevant, and for those hobbyists wishing to enhance the model's AM-DXing capability as a stand-alone receiver, a far more sensitive 7.5" loopstick transplant has been developed for the PL-380 (further details and a link to the technical article are posted at the conclusion of this review). In general, the PL-380's combination of superb 1 kHz DSP filtering and freedom from the soft mute issue provides outstanding opportunities for both domestic and split-frequency DXers, especially those with serious external antennas.

Four-Band Live Signal Testing The new PL-380 model was extensively tested against both the PL-310 and the Kchibo D96L (the winner of the 2009 Ultralight AM-DX Shootout) on the AM, FM and SW bands, and against the PL-300WT (a.k.a. G8) model and the PL-310 on the LW band. All testing was performed in the reviewer's typical suburban location of Puyallup, WA, about 35 miles south of Seattle. Operational checks and fresh batteries were provided to all radios prior to the testing, to ensure accurate results. The AM sensitivity checks were performed with all radios in the 2 kHz DSP selectivity setting, while the AM selectivity checks were performed in the 1 kHz setting.



All AM testing was performed during enhanced winter conditions within 2 hours of local noon, while the LW testing was performed after local midnight. FM and SW testing was performed late in the afternoon, using only the fully extended whip antennas. In the case of the PL-310, the soft mute issue occasionally caused weak AM signals to drop in and out during marginal reception, and the final performance figure is for the best reception during the testing sequence.

**AM SENSITIVITY** (best is 5; worst is 0)

530-TIS 620-KPOJ 750-KXL 980-CKNW 1110-KWDB 1390-KJOX 1520-KGDD 1640-KDZR

D96L (A)	3.5	3	2	0	1	0	2	3.5
PL-310 (A)	3	3	3	1	2	1	2	3
PL-380 (B+)	3	3	2	0	1	0	2	3

Sensitivity Summary The D96L has a slight sensitivity advantage over the Tecsun units on the extreme high and low band, while the PL-310 has a slight advantage over the other two units on the mid-band frequencies. The PL-380's performance matches the PL-310 on the band edges, and the D96L's performance on the mid-band frequencies. The smaller loopstick in the PL-380 apparently accounts for this lack of top-level AM sensitivity.

**AM SELECTIVITY** (best is 5, worst is 0)

	<u>560-KPQ</u>	<u>1080-KFFX</u>	<u>1460-KARR</u>
D96L (A)	5 (no KVI slop)	4 (slight KPTK slop)	5 (no KSUH slop)
PL-310 (A)	5 (no KVI slop)	4 (slight KPTK slop)	5 (no KSUH slop)
PL-380 (A)	5 (no KVI slop)	4 (slight KPTK slop)	5 (no KSUH-slop)

Selectivity Summary The 1 kHz DSP filtering provided by the Si4734 chip is identical on all three models, providing equally impressive selectivity on all three test stations. DSP models without the 1 kHz filtering option (like the PL-300WT and G8) cannot match this stellar performance.

**AM QUIRKS:** The PL-380 suffers from internally-generated AM heterodynes as all other Si4734 chip radios, especially from 1410-1440 kHz (although these have apparently been reduced from the serious level of the PL-310 and PL-300WT heterodynes) Like all other such radios, the PL-380 emits a slight click of RF hash whenever the AM tuned frequency is changed (detectable when another radio is alongside the model). The dual tuning rate controlled by the speed of tuning thumbwheel rotation cannot be switched off, and has proven irritating to some users. Although the digital beeping noises can be switched off, most users find them excessively loud. Finally, since all of these PL-380 units have been imported from China, there are no service facilities in North America for warranty repair of these radios, and owners having any issues will need to ship them overseas for repairs.

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**LW SENSITIVITY** (best is 5, worst is 0)

	<u>351-NY</u>	<u>369-ZP</u>	<u>385-WL</u>	<u>405-MOG</u>
PL-300WT (F)	0	0	0	0
PL-310 (A)	3	4	2	1
PL-380 (C)	1	2	trace	0

**LW Sensitivity Summary** The PL-310 has the best LW performance of these three models, with reception of all four beacon test stations. The PL-380's smaller loopstick causes a drop off in LW sensitivity relative to the PL-310, but still greatly outperforms the almost deaf PL-300WT (G8) models on the LW frequencies. By comparison, an ICF-2010 will outperform all three Ultralight models.

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**FM SENSITIVITY** (best is 5, worst is 0)

	<u>KISM-92.9</u>	<u>CIOC-98.5</u>	<u>CKKQ-100.3</u>	<u>CFMI-101.1</u>	<u>KINK-101.9</u>	<u>KKCW-103.3</u>
D96L (B)	2	4	1	0	0	0
PL-310 (A)	3	5	2	2	1	2
PL-380 (A)	3	5	2	2	1	2

**FM Sensitivity Summary** The two Tecsun models have equivalent outstanding reception on FM, with the D96L falling somewhat behind (presumably because of an inferior whip antenna design, since the DSP circuitry is the same). The PL-300WT (a.k.a. G8) models also have the same outstanding FM performance as the PL-310 and PL-380 models.

**SW SENSITIVITY** (best is 5, worst is 0)

	<u>WWCR-5935</u>	<u>WYFR-5950</u>	<u>Anguilla -6090</u>	<u>WTJB-9370</u>
D96L (B+)	5	4	3	2
PL-310 (A-)	5	4	4	3
PL-380 (B)*	4	4	3	2

**SW Sensitivity Summary** Of these three models, the PL-310 has the most sensitive and stable SW reception, especially on the higher frequencies. The D96L's metallic front panel occasionally causes instability on the high SW frequencies when first touched by the user. One of the two PL-380 review units was unstable on the SW frequencies, breaking into oscillation suddenly on occasion. It also displayed the PL-300WT (G8) quirk of rampant AM spurious signals across the SW spectrum, curable by touching the whip antenna. The other PL-380 review unit had normal SW operation. By comparison, the Eton E100 model had slightly superior SW reception to any of these models.

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**PL-380 Verdict** The newest Tecsun model is an outstanding value at its \$44.95 (plus shipping) price, but whether it will be preferable in value to the PL-310 (and D96L) certainly depends upon the type of DXing favored by the prospective purchaser.

For a domestic DXer looking for the most AM sensitivity from a stock pocket radio, the PL-310's larger loopstick does provide a slight performance edge on the mid-band frequencies, as well as the 1 kHz DSP selectivity necessary to chase DX adjacent to local pests. The D96L can also outperform the PL-380 on the extreme high and low AM band frequencies, with equivalent 1 kHz DSP selectivity. Unfortunately both of these other models are burdened by the "soft mute" issue, which can be an unpredictable irritant causing a weak signal to drop in and out on occasion. The soft mute issue is a drawback for most DXers, but since the PL-310 and D96L do have slight AM sensitivity advantages over the soft mute-free PL-380 on certain frequencies, a DXer using these other receivers (in stock form) to chase domestic DX could conceivably log more stations with them. This assumes that these DXers could learn to tolerate the soft mute issue.

The choice would change dramatically for transoceanic DXers, however. The soft mute-free PL-380 is ideal because of its ability to tune 1 kHz farther away from domestic splatter, and because almost all TA and TP-chasers have effective external antennas, any limitation in PL-380 stock AM sensitivity would be irrelevant. Overall, for DXers (domestic or split-frequency) who are highly irritated by the soft mute function or who use any type of external antenna, the new PL-380 would be the clear choice.

Tecsun's choice of a smaller PL-380 loopstick is unfortunate, and results in reduced LW sensitivity as well. LW enthusiasts would do well to purchase a different model, although FM-DXers will be highly satisfied with the PL-380's outstanding capabilities. SW enthusiasts should not have overly high expectations for the model, although the PL-380 should be suitable for basic tasks like checking the SW parallels of medium wave DX stations. In general, the four-band performance of the new PL-380 provides one more excellent purchasing option for AM-DXing enthusiasts, which depending upon your overall objectives, may be the perfect combination of value and versatility.

## **Additional Resources**

For those DXers looking for greatly improved LW and AM sensitivity from the PL-380, an effective 7.5" loopstick transplant modification has been developed, with the technical article available at the following URL: <http://www.mediafire.com/?vnjhmkmazxx>

This modification transforms the PL-380 into a very sensitive stand-alone LW and AM receiver, typically outperforming any modified Ultralight radio created so far (see photo below).


Two demonstration MP3's of the PL-380's DSP filtering have also been recorded during actual TP-DXing, and are dramatic in showing the effectiveness of the PL-380's multiple DSP filtering options in overcoming domestic splatter. In both recordings, the PL-380's DSP selectivity is progressively stepped down from 6 kHz (the widest option) to 1 kHz, reducing adjacent domestic splatter to a negligible level. In the 648-Voice of Russia recording, the PL-380's tuned frequency is also stepped down to 647 kHz during the last 7 seconds (a capability made possible by its unique freedom from the "soft mute" issue), providing an additional reduction in 650-KSTE splatter. This 648-



Voice of Russia recording is linked at <http://www.mediafire.com/?tnwem2fiz1y>, and a recording of 738-BEL2 (Taiwan Fisheries) is available at <http://www.mediafire.com/?mznznomi5zwj>



# NORTH AMERICAN NEWS

with Andrew Brade  Sand Gap, Bursea, Holme-on-Spalding Moor York YO43 4DF  
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Hello again.

Here is what's been happening on the North American AM dial. May I express my gratitude to the organisations which make this resume possible? Thanks this month to: - IRCA, ABDX, NRC DX News, FCC, CRTC and Sylvain Naud via RealDX.



- 890 WAMG** Dedham, MA; Returns to the airwaves with SS Tropical programming and slogan "La Mega". It signed off from former ESPN format on 14.9.09 and returned as "la Mega" on 3<sup>rd</sup> December. Parallel as before with 1400 WLLH.
- 1550 KRPI** Ferndale, WA; Applies for increase in night time power from present 10kW to 50kW.
- 1670 CJEU** Gatinaeu, QC; a new Canadian station to partly make up for the FM exodus. Already widely heard in Europe.

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 and NRC.**

## CANADIAN RADIO NEWS

From Dan Sys via IRCA

1690 CHTO Toronto, ON Increase daytime power from 1,000 watts to 3,000 watts (night power remains 1,000 watts)

## NEW STATIONS ON THE AIR

1670 CJEU Gatineau, QC Following a 2007 decision CJEU finally began transmissions on 10.12.09 with "Radio Enfant" children-oriented French language programming. Target audience is 4-18 year olds. 1000W day & night. CRTC decision can be read here: <http://www.crtc.gc.ca/eng/archive/2007/db2007-89.htm>

## OFF THE AIR

850 CKBA Athabasca, AB Simulcast time for FM conversion expires

## PROPOSED AM TO FM CONVERSIONS

1340 CIBQ Brooks, AB Applies to move to 105.7 MHz with 14 kW.

## GRANTED AM TO FM CONVERSIONS

1240 CBXP Tahsis, BC Move to 90.5 MHz with 46.5 watts

## FORMAT CHANGES

No format changes have been notified this month.

**CALL LETTER CHANGES**

FREQ	OLD CALL	CITY	NEW CALL
540	WPPI	Sauk Rapids, MN	WXYG
730	WOHS	Cramerton, NC	WZGV (CP from Shelby)
1090	KBAL	Bellville, TX	KULF
1150	WRUN	New Hartford, NY	WUTI
1310	KXAM	Mesa, AZ	KIHP
1190	KRFT	University City, MO	KQQZ
1230	WXNI	Westerly, RI	WBLQ
1450	WQCD	Milford, PA	WDRE

**FACILITY AND PARAMETER APPLICATIONS / GRANTS**

IRCA have combined the facility and parameter applications and grants into one section; note new key legend: (A) = application, (G) = grant

680	WA2XPA	Arecibo, PR	U1 400/570 (A)
720	NEW	Chowchilla, CA	Application dismissed for U4 250/900.
740	WDGY	Hudson, WI	D3 5500/0 (A).
740	WDGY	Hudson, WI	Application dismissed for D3 5500/0.
770	KCBC	Manteca, CA	CP granted to change the City-of-License from Riverbank and change facilities to U4 50000/4100, raising the nighttime power. The night pattern is slightly changed, with the main lobe headed to the southwest.
910	WSBA	York, PA	STA extension granted for U1 1250/250 as construction continues on the CP of WGLD-1440 for U1 730/53 diplexing with WSBA and moving from Red Lion to Manchester Township.
980	NEW	Kenai, AK	U1 5000/500 (A)
1090	KULF	Bellville, TX	D4 10000/0 CH 10000 (A)
1090	KFXK	Portland, OR	Application for CP for U4 50000/9000 dismissed. They remain U4 50000/10000.
1090	KBAL	Bellville, TX	D4 10000/0 CH 10000, but reported as silent at present. (A)
1120	NEW	Yelm, WA	U4 10000/6000 (A)
1120	WEAF	St. Stephen, SC	Moving here from Camden with D1 350/0. (G)
1150	WTMP	Egypt Lake, FL	Licensed for U4 10000/500, has applied for U4 18000/700. This amendment requests U4 14000/700.
1180	KERN	Bakersfield, CA	N1 0/120 for 'experimental' purposes (A)
1180	NEW	Orchard Homes, MT	U2 10000/500.(A)
1190	KDYA	Vallejo, CA	D3 3000/0, moving the transmitter to that of the current four-tower site of co-owned KDIA-1640 at 38-08-03/122-25-32. The new pattern directs the bulk of the signal in a balloon shape toward the northeast, with minor lobes to the south, southwest and northwest. (G)
1200	NEW	Chanhassen, NM	New station application for U2 1300/1000.
1210	KQEQ	Fowler, CA	U5 5000/370. The day transmitter is using three towers of the KXEX-1550 four-tower site in Herndon at 36-46-14/ 119-55-20, while the night facility remains at 36-39-37/119-41-01. The new pattern is an 'almost-circle' directed to the south east. (G)
1220	WOTS	Kissimmee, FL	Licensed for U1 1000/110, WOTS has a CP for U4 2500/200. This amendment requests U4 2500/210.
1250	WKDL	Warrenton, VA	Licensed for U4 5000/32, WKDL has a CP for U4 8000/125. They later amended the application to U4 7800/125, and now have requested U4 7900/125.
1320	WNLS	Tallahassee, FL	U1 5000/110, while cancelling their application for U4 50000/5000. (A)
1370	KRAC	Quincy, CA	Licensed for U4 5000/500, KRAC has been silent since December 26, 2008 due to vandalism of the phasor system of their two-tower array.

They have been granted an STA to return to the air with U1 1000/125 so as to not lose their license because of the FCC's one-year-silent-and-you're-out rule. (G)

1370 WKFD Charlestown, RI Application dismissed for a new station.

1380 WMJR Nicholasville, KY U1 10000/38, doubling their daytime power. (G)

1400 KFJL Central Point, OR This unbuilt station with a CP for U1 1000/1000, requests an amendment moving their tower site due to local zoning issues. (A)

1400 KHTW Langtry, TX Application dismissed for a new station.

1440 WDCO Cochran, GA U1 940/48. (A)

1450 KIKR Beaumont, TX CP granted to build a replacement tower at the base of the old one and remain U1 1000/1000. The new tower will be approximately one-half as tall as the original structure. (G)

1450 NEW Battle Mountain, NV Application dismissed for a new station per applicant's request.

1450 KOAH Comstock, TX Application dismissed for a new station.

1460 KBSF Springhill, LA Licensed for U1 1000/220, KBSF applied for U1 5000/160 moving to Nash, Texas. Then, they applied for U1 5000/220. The application for U1 5000/160 has been dismissed.

1490 WRCE Watkins Glen, NY Is silent after a tower collapse. A crew was working on the 400-foot tower when the 40-year-old structure collapsed. Sadly, one worker was killed. A 'Silent STA' has been submitted.

1550 KRPI Ferndale, WA U4 50000/50000, raising their night power and moving to a new 4 tower (4-day; 3-night) (A)

1570 WTLK Taylorsville, NC Licensed for U1 1000/244, WTLK was issued a CP for U1 900/198. Then they applied for U1 650/198. That application has been dismissed.

1700 KBSZ Apache Junction, AZ Licensed to Wickenburg on 1250, KBSZ holds a CP to move here with U1 320/50 on 1260 kHz. They followed up with an amendment for U1 800/50. In order to determine the conductivity of soil where they are proposing the new transmitter site, they have been authorized D1 1000/0 on 1700 kHz to conduct these tests.

#### CONSTRUCTION PERMITS (CPs) ON THE AIR

590 WDWD Atlanta, GA Now on with U4 12000/4500. Their patterns (both headed to the southeast) are unchanged, except the day plot is larger.

910 WUBR Baton Rouge, LA U4 1200/51.

920 WURA Quantico, VA New station is on with U4 7000/970; the night pattern sends a pattern to the southeast with very minor lobes to the southwest, northwest and northeast. They are reported to be currently 'stunting' with Christmas music.

980 WHAW Lost Creek, WV U1 25000/47. This is only a change in City-of-License from Weston.

1230 KSIX Corpus Christi, TX U1 720/720.

1300 KSET Lumberton, TX Licensed for D1 500/0 at Silsbee, KSET was granted a CP for U4 1500/270 here. They then filed for, and were granted, U4 2000/270. Now, they have been granted a Special Temporary Authorization (STA) for U4 1500/270 while they revert from their proposed above-ground elevated ground system and revert to the conventional system with buried radials.

1490 KNAM Silt, CO New station now on with U1 740/740 using a 75' Valcom 'Flagpole' type antenna.

1500 WDPC Dallas, GA D4 5000/0 CH 3200.

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

# WORLD NEWS

(Europe, Asia, Africa)  
with Ton Timmerman

H. Heijermanspln 10, 2024 JJ Haarlem, The Netherlands  
e-mail: [world-news@mwcircle.org](mailto:world-news@mwcircle.org)

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## Algeria

From 11st of December, 2009 I discovered that ALG - Alger Chaîne 1 is broadcasting again on 549 khz. This is parallel to 531 khz. My QTH is Magyarlak, in western part of Hungary. (*Tibor Gaal via Mediumwave.info*)

1550 Polisario Front, Rabouni, 1509-..., 18 Dec, Arabic, Ar. songs, many talks & phone-ins; 55444; // 6297 kHz. This must be a special b/cast because of the current issue on the former Spanish Sahara. (*Carlos Goncalves via wwdxc BC-DX TopNews*)

## Bangladesh

Prime Minister of Bangladesh Sheikh Hasina has formally inaugurated the newly commissioned 1000 kW mediumwave transmitter of Bangladesh Betar at Dhamrai [on 693 kHz at 2300-0510 and 0730-1630 UTC]. This new solid-state transmitter replaces a 36-year-old valve [tube] type transmitter. The new transmitter is compatible for DRM (Digital Radio Mondiale) broadcasts and covers 95% area of the country. It broadcasts centrally produced radio programmes and plays an important role during natural disasters.

Bangladesh Betar Dhaka Station broadcast the inaugural function live while the Chittagong, Rajshahi, Khulna, Rangpur and Sylhet regional stations of Bangladesh Betar relayed the proceedings simultaneously. The superpower transmitter was originally commissioned on 63 acres of land at Dhamrai with the assistance of the then Soviet Union government in 1972. Broadcasting formally began on 16 May 1976 (*Alokesh Gupta via DRM Consortium via Media Network*).

## Germany

Oldiestar from Zehlendorf, Germany now on 603 kHz. 18:15 UTC 14-12-2009. Fair reception here in Ardenne, Belgium. Best receiving station on this frequency. (*Ge Huijbens, Beffe, Belgium via EMWG*)

## Italy

It looks as if the RAI local programme "L'Ora della Venezia Giulia" broadcast from Venice on 936 kHz (but produced in the RAI Trieste studios) is now on the air at 1445-1545 UT (previously at 1430-1530 UT). (*Stefano Valianti*)

According to the BCLNews blog, the frequency of RAI MW transmitter in Turin (N/W Italy) will be changed again leading to an improvement of listening quality in a densely populated area. The frequency change is planned a very short future switching from 1062 kHz to 999 kHz. A new antenna should also serve the transmitter and its power is to be increased to 200 kW. (*Luigi Cobisi via dswci DXW*)

## Mauritania

783 R. Mauritanie, Nouakchott, 1242-1309 (!), 21 Dec, Vernacular, talks, Arabic at 1300 UT for a newscast, ..., French at 1400 for news; 14441, adjt. QRM de E 774 & 792. (*Carlos Goncalves via wwdxc BC-DX TopNews*)

## Netherlands

On December 3<sup>rd</sup> 2009 the long-awaited return of the Dutch mediumwave transmitter at Trintelhaven on 1395 kHz became a reality. Test transmissions started that day around lunchtime,



and an official relaunch of Big L sponsored by KBC Import.com is imminent. There are already quite a few commercials, including one which I find rather bizarre - an ad for the Isle of Bute in Scotland (which I know well as I used to visit it every year when I was a teenager) spoken in English with a Dutch accent! But this time, the daytime mediumwave transmissions are intended primarily for a Dutch audience who want an alternative to the normal Dutch commercial stations. At night, there is quite a good skywave signal from this transmitter that reaches much farther afield. Every weekday at 0500-0600 UTC there will be a programme in Dutch from Transport Radio

<http://www.transportradio.nl/inhoud/index.php> presented by Bob van Beeten who also presents RNW's programme for Dutch truckers, Onderweg. The transmitter on 1395 kHz will be on the air 21 hours a day (2200-1900 UTC), leaving the channel clear for Trans World Radio's broadcasts from Albanian between 1900 and 2200 UTC.

The website of KBC Radio

<http://www.kbcradio.eu/> has photos of the (re-)installation work of the Dutch transmitter at Trintelhaven on 1395 kHz, which will carry the programmes of KBC and Big L. Work was carried out yesterday, and is apparently continuing today. Tests have now started (thanks to Mike Barraclough for the tip - see comments). These tests are subject to interruption. It appears that the transmitter is not yet operating at full power. (*Media Network Newsletter by Andy Sennitt*)



## Nigeria

917 R. Gotel, Yola, 1840-1856, 17 Dec, Vernacular, talks, int'l. & Afr. pops; 43443, adj. QRM de ESP 918 kHz.. (*Carlos Goncalves via wwdxc BC-DX TopNews*)

## Pakistan

PAKISTAN/USA/AFGHANISTAN VOA Pashto Not Jammed, Not Blocked, BUT NOT ON THE AIR via Pakistan.

"Pakistan Broadcasting Corporation (PBC) has blocked Voice of America's (VoA) 4-hour Pashto language programme after the latter allegedly deviated from an agreement. However, the US state-owned radio service continues to avail Radio Pakistan's hour-long airtime for its Urdu transmission daily. 'Pakistan Broadcasting Corporation has blocked four hours of Pashto transmission of VoA, while the Urdu service is still continuing,' an official said yesterday. According to the deal, VoA would have to use PBC equipment and transmitters in Peshawar, Islamabad and Lahore to air its transmission in Pashto and Urdu on Medium and FM waves." (*Gulf Times via kimandrewelliott.com via DXLD*)

The headline of this story is "PBC jams American Pashto broadcasts. "But VOA's Deewa Radio Pashto broadcasts are not jammed, or even blocked by way of interdicting a signal. It is, rather, that the agreement for VOA to use the Peshawar medium wave transmitter has been disallowed, for now, by Pakistani authorities. (*Kim Andrew Elliott-USA via DXLD*)

"The Voice of America (VOA) is broadcasting its one-hour Urdu service from its original station in USA without any proper editing or monitoring, it is reliably learnt on Monday. 'Although announcement "You are listening Radio Ki Duniya 'Intikhab'" is aired prior to programme, yet actually it is transmitted as it is broadcast from its original station without any editing,' sources within Pakistan Broadcasting Corporation (PBC) informed TheNation. ...

When contacted, PBC spokesman said VOA programmes are strictly checked, monitored and edited to safeguard the national interests of Pakistan. He said PBC has entire recordings of VOA programmes and monitoring reports are prepared for critical analysis on daily basis to ensure that nothing is against the national interests. Any violation of the agreement would result in the unilateral cancellation of the pact by involving the breaking clause of the accord, he added. He said PBC has a history of cooperation with BBC, China Radio International, VOA and Duetsche Welle, and is pursuing important agreements with Turkish Radio. It is a misperception that the VOA broadcasts from FM network will be used to unleash US Propaganda, he added." (*Javaid-ur-rahman, The Nation\_Lahore via wwdxc BC-DX TopNews*)

VOA Pashto to the Pakistan-Afghanistan frontier region is called Deewa Radio. VOA Pashto and Dari to Afghanistan are Radio Ashna. RFE/RL in same to Afghanistan is referred to in English as Radio Free Afghanistan, but locally as Radio Azadi. VOA Urdu is Radio Aap ki Duniyaa. My brain cannot store all these brands, so I use a cheat sheet. (*Kim Andrew Elliott via DXLD*)

## Philippines

Although the VOA relay at Poro has been heard on 1143 kHz and more recently 1170 kHz, recent DXpeditions to Sheigra have managed to log four other stations and in November one, DZVT on 1394.95 kHz, was also heard by Tim Bucknall and John Faulkner on a mini-DX-pedition to Matlock Forest in Derbyshire.

Philippine MW stations heard recently in the UK are:

774 DWWW Quezon City

1062 DZEC, Eagle Broadcasting Corporation, Manila

1170 VoA relay, Poro (ex1143)

1314 DWXI, Delta Broadcasting, Paranaque

1394.95 DZVT, Catholic Media Network. (*Tony Rodgers via BDXC-UK*)

## Portugal

Here's an update on RCP-R.Club Português <http://radioclube.clix.pt/> on 1035 & 783 kHz. This is owned by MCR <http://mcr.clix.pt/index.asp>

1035 Belmonte 100 kW

The situation of irregularity seems to have been cured at last (!), and the Thales/Thomcast 100 kW tx is now running normally, but the technicians were instructed to leave it at just 50 kW after a very brief period of tests ran at full power. This site (and the Avanca one) includes a backup generator, but not a 2nd tx.

783 Avanca 100 kW



Both the Thomcast/Thales team and the stn team were unable to put it to work back in October after the check of the twin unit near Lisboa simply because the tx tuning circuit was part damaged, part stolen, so it will take a bit of time until the new pieces arrive, are installed and tested. The perpetrators were obviously looking for copper, and did manage to steal some. The nearby ATU, which also houses parts in copper, was left intact though. (*Carlos Goncalves via Mediumwave.info*)

## Russia/Clandestine

From around 7st of September 2009, Radio Kavkaz has a 24 hour, 7 days a week schedule according to my observation on 171 khz longwave. I think they doesn't using the name 'Radio Free Chechnia' anymore. My location doesn't make it possible to monitor Radio Kavkaz's mediumwave frequency of 657 kHz. My QTH is Magyarlak, western part of Hungary. (*Tibor Gaal via Mediumwave.info*)

## Sweden/Norway

The Peace Kingdom Morokulien, located right on the border between Norway and Sweden, just northwest of Charlottenberg, ARCTIC RADIO CLUB starts a new radio station (RSL-restricted special license) on mediumwave on December 28, 2009 thanks to good cooperation with the chairman of Arima, Amateur Radiooperators in Morokulien.

Arctic Radio Club of Sweden and the Peace Kingdom Morokulien jointly celebrate their 50th anniversaries by these broadcasts. The radio station's main frequency is 1584 kHz, but some test broadcasts will also be carried out on 1602 kHz. The power is approximately 400 watts. The coordinates of the transmitting station is: N 59 degrees, 56 min, 15 sec. E 12 degrees, 12 minutes, 30 seconds. All information on transmissions, frequencies and possible additional test transmissions will be announced at ARC News Flash: [www.radioenthusiasts.blogspot.com](http://www.radioenthusiasts.blogspot.com) .

Official broadcast schedule:

28.12.2009 00:00 - 01:00

All times are Swedish Standard Time.

28.12.2009 14:00 - 15:00 (UTC + 1 hour)

30.12.2009 09:00 - 10:00

06.01.2010 09:00 - 10:00

10.01.2010 14:00 - 15:30

10.01.2010 21:00 - 23:00

Transmission will be in Swedish, but some small part in English occurs. Station Identification will be in both languages. ARC concludes its celebration with broadcasts on Sunday 10 January, 2010. For those interested, a unique QSL card will be printed. This is of course, a QSL card for the first mediumwave transmission from the Peace Kingdom Morokulien. See more on the Peace Kingdom Morokulien: a movie made by Swedish TV this year:

[http://svtplay.se/v/1695307/varmlandsnytt/morokulien\\_50\\_ar](http://svtplay.se/v/1695307/varmlandsnytt/morokulien_50_ar) [www.morokulieninfocenter.com](http://www.morokulieninfocenter.com)

[www.fredsmonumentet.com/index.html](http://www.fredsmonumentet.com/index.html) .Please contact the ARCTIC RADIO, PO Box 5050, SE-

350 05 Växjö, Sweden. Email: arctic.radio.morokulien @ telia.com.Reception reports are welcome to the above addresses and if you request a printed QSL-card for the correct reception report, please include 2 stamps for Swedish domestic postage. By letter correspondence please enter your email address and we can notify you of further commemorative broadcasts in 2010. (*Bengt Ericsson, direct in an e-mail*)

# THE HOME FRONT

with John Williams

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

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## BBC News

### **Radio Foyle rethink**

**16 December, 2009**

BBC bosses have been urged to rethink cuts being planned at Radio Foyle (792 kHz and FM) and fears have been voiced that the station could 'bleed to death' if they were implemented.



The issue has united politicians of all hues, amid concerns that more Belfast-centric broadcasting will replace local output and that Radio Foyle will bear the brunt of the cost-cutting measures being implemented by the BBC.

Those views were echoed at a recent meeting, at which media commentator Denis Bradley warned that Radio Foyle could "bleed to death" as a result of proposed cuts. Mr Bradley, a former vice chair of the Broadcasting Council for Northern Ireland, made the comment at a public meeting in the City Hotel organised by the 'Save Radio Foyle' campaign group set to oppose the planned staff cuts at the Northland Road station.

Fears are growing that the cuts could lead to fewer Londonderry issues being highlighted on BBC programmes. (<http://www.londonderrysentinel.co.uk/sectionhome.aspx?sectionID=3070> via Steve Whitt)

## Commercial News

### **Brookmans Park Transmitter – Marconi Valves Removed**

**14 December, 2009**

The Brookmans Park Transmitting Station, situated between Potters Bar and Hatfield in Hertfordshire, played a crucial part in the history of broadcasting in Great Britain. It was the first purpose-built twin transmitter station in the world capable of broadcasting two radio programmes simultaneously when it was completed in October 1929. It also played a part in the early development of television broadcasting.



The building was commissioned by the newly formed (in 1926) British Broadcasting Corporation (formerly known as the British Broadcasting Co Ltd (1922) and later referred to universally as the BBC). The station was the first part of the BBC's adventurous experimental Regional Scheme, which aimed to improve and extend existing radio reception to cover the whole of Britain. In the 1920s, before the Regional Scheme was initiated, the radio broadcasting service was rudimentary. Only one programme could be transmitted at a time from a series of relatively low-powered one/two Kilowatt town-centre based transmitters around the British Isles and eleven relay stations. Good reception was restricted in most cases to a radius of three miles. There were many parts of the country where reception was poor or non-existent.

An engineer at the BBC, P P Eckersley, conceived the Regional Scheme in 1924 with the aim of broadcasting a choice of programmes to listeners and to cover the whole of Britain. The London station, as Brookmans Park was referred to, was designed specifically as a twin-wave station housed in one building, and sharing between the two transmitters as much common auxiliary gear as possible.

Following 31 years service, the last of the Brookmans Park Marconi B6034 50kW MF broadcast transmitters were closed down for the start of re-engineering to Nautel NX100s.



They had produced a total of 240,000 hours of reliable operation and this type of transmitter is still in service at other stations, including the similar 28kW B6046 LF version. (Dave Sheef and others)

**Global Radio writes off £193m**

**21 December, 2009**

The UK's biggest commercial radio group has written off almost £200m it lost during the past two years to reflect the plunge in value of its assets. Global Radio, which bought GCap Media for £375m in 2008, spent £545m in total including its purchase of Chrysalis radio stations.



According the Times, Global Radio shareholders invested an extra £65m to cut its debt, and the company recorded earnings of £31m for the year to March, compared with £33m in the previous 12 months, despite a 16 per cent fall in income to £223m.

“We were able to take advantage of market conditions to improve returns to shareholders in the medium to long term,” Global Radio’s chief executive, Stephen Miron told the newspaper. ([www.radiotoday.co.uk](http://www.radiotoday.co.uk))

**RSL & LPAM News**

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

Football Club	Station	January, 2010	February, 2010
Crystal Palace	Palace Radio 1278 kHz	9 Bristol City 30 Peterborough	9 Swansea 16 Reading 20 Coventry*
Blackburn	Radio Rovers 1404 kHz	16 Fulham 27 Wigan	10 Hull 20 Bolton
Rushden and Diamonds	Radio Diamonds 1503 kHz	1 Oxford 23 Barrow 26 Wrexham*	9 Eastbourne* 13 Stevenage 27 Kettering

\*Evening game

**BFBS Gurkha Radio 1287 kHz** has a new LPAM outlet at Blandford Camp near Blandford Forum Dorset (Dave Kenny BDXC-UK)

Dave Kenny also reports that **Flame Christian Community Radio Wirral 1521 kHz**, is scheduled to commence broadcasting on 19 December, 2009 (Although I cannot find this date on their web site). Their address is Flame FM Wirral, PO Box 53 Upton CH49 3WB. Web address is [www.flameccr.org](http://www.flameccr.org). uk.

He also mentions that the LPAM **station Frequency 1350 kHz** from the University of Central Lancashire in Preston is now broadcasting exclusively on line

**Radio Caroline** was broadcasting live from the radio ship Ross Revenge – on **531 kHz** to South Essex and North Kent. They broadcast on New Year's Eve weekend. Ross Revenge will be taking centre stage in the coming year as she will be celebrating her 50th birthday. The New Year weekend will be the first of a number of live broadcasts for "Ross Fifty " – our year long celebration of the ship's birth. (via mike.barraclough)



# EUROLOG

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

with John Williams

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kHz	Station, location; details heard etc	SIO	UTC	Date	Who
153	NRK1, Ingoy, toh interval signal, mixing Germany / Romania	F	2300	28/11	PL
531	Kringvarp Føroya, Akraberg, Music non stop	444	2041	15/ 12	FW
531	Radio Nacional 5, various, ID, News	222	2300	15/ 12	FW
540	Onda Cero Radio Cataluña, Barcelona, ID, News	333	2300	16/ 12	FW
540	MR1-Kossuth Rádió, Solt, ID, news	444	2100	17/ 12	FW
549	Radio Slovenia, Beli Kriz, om / yl with news under Germany	F/G	2300	28/11	PL
558	Muravideki Magyar Radio, Nemcavci, ID, News	222	1900	17/ 12	FW
558	Radio Slovenija 1, Nemcavci, ID, News	333	2300	17/ 12	FW
558	Radio Nacional 5, various, ID, News	333	2300	18/ 12	FW
567	Rai Radio 1, various , Talk, Info, Nat. Ant.	444	2255	20/ 12	FW
567	România Actualitati, various, News, Music Px (Spanish eyes)	444	2303	20/ 12	FW
576	Radio Christo Botev, Vidin, ID; News	222	2000	21/ 12	FW
576	SWR Cont. Ra, BW, Mühlacker , ID, Px MDR Info	444	2300	21/ 12	FW
576	RNE 5, Palau de Plegamans (Barcelona, News)	222	2305	21/ 12	FW
603	Bbc R4 Newcastle-upon-Tyne; News	F	1000	15/12	BB
603	Gold Kent; Local weather under Newcastle	W	1000	15/12	BB
612	Radio Baltic Waves, Vilnius-Viršuliškes, om in US EE "This is Radio Free Europe, Radio Liberty, Praha"	F/G	2200	5/12	PL
702	CRI, Le Col de la Madonne, Monaco, FF id.	F/G	2200	5/12	PL
738	BBC Hereford and Worcester Worcester; News of fire in Worcester	W	1005	15/12	BB
774	Gold Gloucester; In BBC Leeds null	W	1015	15/12	BB
873	BBC Norfolk West Lynn; Details of cancelled events due to weather	F	1235	19/12	BB
945	Gold, Bexhill (Eastbourne), Xmas song Chris Rea // 1017, 1557	333	0645	26/ 11	FW
963	Radio Horizont, various, News	333	0200	25/ 11	FW
963	Radio Euskadi, Biribilondo, News	222	0325	25/ 11	FW
972	NDR Info, Hamburg , News	444	0200	26/ 11	FW
972	Club Asia, Glade Lane (London), Asian Mx	333	0208	26/ 11	FW
981	ERA SPORT, Athínai, News	322	0200	27/ 11	FW
990	Deutschlandradio Kultur, Berlin-Britz, ID, News	444	2300	27/ 11	FW
990	BBC Nan Gaidheal, Aberdeen, talk about Holocaust // 810 R. Scotland	G	1600	29/11	PL
1008	GrootNieuwsradio, Zeewolde (Flevoland), Religious Px	444	2300	1/ 12	FW
1017	Gold Digital WABC, Shrewsbury, Xmas song Chris Rea //945, 1557	333	0647	26/ 11	FW
1017	SWR Cont.Ra, Wolfsheim, ID, News	444	2300	3/ 12	FW
1026	BBC Radio Cambridgeshire, Chesterton Fen, ID, BBC 5Live	333	0500	6/ 12	FW
1026	Downtown Radio, Knock-Breckan (Belfast), Music (Charts)	222	0505	6/ 12	FW
1035	Tartu Family Radio , Tartu, Music Px	333	2315	7/ 2	FW
1035	Rai Radio 1, various, Music, ID	222	2250	7/ 12	FW
1035	Northsound Two, Nigg (Aberdeen), ID, News	333	2300	7/ 12	FW
1035	Northsound 2, Nigg, news.	VG	1600	29/11	PL
1044	Macedonia 1, Perea, Music Px	333	2250	8/ 12	FW
1044	MDR-Info, Wilsdruf, ID, news	333	2300	8/ 12	FW
1053	TalkSPORT, various, Talk Champions League	444	0150	10/ 12	FW
1062	Rai Radio 1, various, Infos, ID, Nat. Ant.	444	2258	10/ 12	FW
1062	Country Radio, Zbraslav, Czech Country Mx; ID, Infos	222	2305	10/ 12	FW
1071	TalkSPORT, various, ID, news	333	2300	12/ 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 Radio Coruña, Elviña (La Coruña), ID, local Infos La Coruna	222	0159	4/ 12	FW
1080	Onda Cero Toledo, Toledo, News	333	0203	4/ 12	FW
1080	SER Radio various, ID, News	333	2300	14/ 12	FW
1080	Radio Rossi, Kovytkino, chimes and id.	G	1600	13/12	PL
1089	TalkSPORT, various, News	444	0200	2/ 12	FW
1098	SRo 5 , Nitra-Jarokm, Nat. Ant., s/off	444	2300	30/ 11	FW
1098	Radio Nacional 5, various, Talk, Mx	333	2310	30/ 11	FW
1107	AFN Power Network, Kaiserslautern, News	444	2300	26/ 11	FW
1116	Rai Radio 1, various, Talk, Mx	333	2245	25/ 11	FW
1116	SER Radio Pontevedra, Pontevedra, Local Infos	333	2258	25/ 11	FW
1125	RTBF Vivacité, Houdeng, News	333	2300	24/ 11	FW
1161	Tay AM, Greenside Scalp, Scottish news.	VG	1600	29/11	PL
1305	Magic AM Barnsley; "The DLT show on the Magic Gold weekend"	G	1220	19/12	BB
1332	Gold Peterborough; "Gold, your Classic Hits Station"	G	1215	19/12	BB
1350	R. Nightingale Rotherham; "This is Radio Nightingale"	F	1030	15/12	BB
1359	Gold 1305/1359 Cardiff, YL with news from the "Cardiff newsroom"	F/G	1700	28/11	PL
1368	Manx Radio Douglas; Sung ID "Manx Radio"	F	1930	13/12	BB
1395	BIG L Radio London, Trintelhaven, Music, ID "BIG L"	333	1318	4/ 12	FW
1413	BBC Gloucestershire; "On the BBC Radio Gloucestershire"	F	1210	19/12	BB
1449	BBC R4 Aberdeen; The "Americana" programme	W	1920	13/12	BB
1485	Gold Newbury; "Gold travel Centre for Berkshire and North Hants"	F	1615	7/12	BB
1494	France Info, various, ID, News	222	0200	22/ 12	FW
1494	France Bleu, Bastia, Music (Toto, Africa)	444	0210	22/ 12	FW
1503	BBC Radio Stoke, Stoke-on-Trent, ID, News	222	0600	21/ 12	FW
1512	NET (1st px)/ERA 2, Chania, Music Px	222	0200	19/ 12	FW
1530	România Actualități, various, Nat. Ant., Music	333	0257	28/ 11	FW
1530	Pulse 2, Huddersfield, ID "Pulse", Music	222	0305	28/ 11	FW
1530	Pulse 2, Huddersfield, Music, ID, Infos	333	0250	16/ 12	FW
1530	Sunshine Radio, Cotheridge (Worcester) , Talk, Music	333	0315	16/ 12	FW
1530	România Actualități, various sites, OM with time check then news /1593	F	1700	29/11	PL
1539	SER Radio Manresa, Manresa, ID, local infos	333	0159	15/ 12	FW
1557	France Info, Nice-Fontbonne, ID, News	444	2300	13/ 11	FW
1557	Gold 1557, Kings Heath (Northampton), song Chris Rea // 945, 1017	333	0646	26/ 11	FW
1566	County Sound, Peasmarsh (Guildford), Music	333	0150	13/ 11	FW
1566	BBC Bristol & Somerset Sound, Taunton, ID, News 5 Live	333	0200	13/ 11	FW
1566	BBC Somerset Taunton; Local traffic news	G	1603	7/12	BB
1584	SER Radio Orense, Orense, Talk	222	2250	9/ 12	FW
1584	BBC Radio Nottingham, Clipstone, ID "BBC 5Live"	333	2300	9/ 12	FW
1584	Radio Horizont, Dobrich, Talk, Infos	222	2310	9/ 12	FW
1602	Radio Waddensee, Pietersbierum, Music Px, Infos	333	1240	6/ 12	FW
1602	BBC Radio Kent, Rusthall, ID "5 Live" News	433	0300	8/ 12	FW

Many thanks to:

BB Bernard Brown Sutton In Ashfield Notts; Sangean DT-400W *Ultralight*  
FW Friedhelm Wittlieb, Grundig Satellite 700 with martens fram-antenna, Lünen, Germany  
PL Paul Logan Lisnaskea, N. Ireland. Perseus SDR with 150 foot long wire

As I'll be unavailable towards the end of January, the closing date for my next column is **17th January, 2010**. 73's John

# DX LOGGINGS

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

kHz	Callsign	Station, location; details heard etc	SIO	UTC	Date	Who
531		R Mayak, Cheboksary, Russia; IS behind Faroes	222	1530	18/11	JF/TB
531		Alger Chaîne 1, El Ain Beida, Algeria; music (woman)	333	2250	15/ 12	FW
540		Main Arabic Programme, Sulaibiyah, Kuwait; music, talk	222	2245	16/ 12	FW
540	WFLF	Pine Hills FL; unidentified news station. Could only make out "... online, 540WFLA.com", Fox News Radio; <b>personal first</b>	W/F	0700	8/11	JF
540	WFLF	Pine Hills FL; "WFLA" ID in gap in CBC EE and FF stations	F	0800	7/12	mah
540	WFLF	Pine Hills FL; "News Radio 5-40 WFLA"	F	0300	18/12	PC
540	CBEF	Windsor ON; "Vous écoutez la première chaîne de Radio Canada CBEF Windsor. Il est trois heures"; first time I've heard it totally dominating the channel	F	0800	10/12	mah
540	CBEF	Windsor ON; "Vous écoutez la Première Chaîne de Radio Canada, CBEF Windsor. Il est 3 heures"	W/F	0800	14/12	PC
540	XEWA	<b>W Radio, San Luis Potosi</b> ; nice ID by YL heard in the mix; <b>personal first</b>	W	0600	8/11	JF
550	KFYR	<b>Bismarck ND</b> ; KFYR call sign behind WSAU; <b>personal first</b>	W	0800	12/12	AB
550	KFYR	Bismarck ND; "KFYR Bismarck, AM 5-50. The Voice of the Northern Plains"	W/F	0800	12/12	PC
550	KFYR	Bismarck ND; "North Dakota's news and information station since 1927 AM 5-50 KFYR Bismarck"; also F/G 0800 9/12	W/F	0000	13/12	mah
550	WSAU	Wausau WI; "5-50 WSAU Wausau and 99 9 WSAU FM"	W	0100	23/11	PC
550	WSAU	Wausau WI; "... information, 5-50 WSAU Wausau" ID came up clearly in the splatter	F	0700	10/12	JF
550	WSAU	Wausau WI; "550 WSAU Wausau and 99-9"	F	0800	13/12	AB
550	YVKE	YVKE Mundial, Caracas; YL talk, music then "YVKE Mundial, Cadena Nacional"; thanks to HK for pointing me in the right direction; <b>personal first</b>	W	0700	17/11	AB
560	KLZ	<b>Denver CO</b> ; muffled toth ID "This is the new Colorado ... KLZ AM 5-60 ..."; <b>personal first</b>	W	0700	12/12	mah
560	WQAM	Miami FL; "South Florida's sports leader, 5-60 WQAM Miami, Fort Lauderdale"	F	0800	25/12	PC
560	WGAN	Portland ME; "Newsradio 5-60 WGAN" rare for me	F	0807	15/12	SW
560	WEBC	Duluth MN; "This is the two ports sports leader ESPN Radio 5-60 WEBC Duluth Superior", ESPN Radio Sports Centre	F/G	0900	7/12	mah
560	KMON	<b>Great Falls MT</b> ; "This is central Montana's ? station, thanks for listening to KMON Great Falls" and later "News and weather together on your information station, Big Sky Country, 5-60 KMON"; <b>personal first</b>	F	0805	12/12	AB
560	CFOS	<b>Owen Sound ON</b> ; "AM 5-60 CFOS", jingle and oldies; xf WGAN; <b>personal first</b>	W	0900	18/12	mah
567	JOIK	NHK1 Sapporo; JJ tlk, mention of "NHK" at 12:58:45, characteristic TS at 1300; "NHK" again twice before 1307	W/F	1300	15/12	mah
570	WSYR	Syracuse NY; "This is Newsradio 5-70 WSYR" ID	W	0700	9/11	JF



kHz	Callsign	Station, location; details heard etc	SIO	UTC	Date	Who
570	WSYR	Syracuse NY; "News Radio 5-70 WSYR Syracuse. It's 2 o'clock"	W	0700	26/11	PC
570	WSYR	Syracuse NY; Weather from "New York's weather station ? radio 5-70 WSYR"	F	0705	13/12	AB
570	WNAX	Yankton SD; "This is Coast to Coast on AM 5-70 WNAX Yankton"	W/F	0800	9/12	PC
570	WNAX	Yankton SD; wx, "I'm meteorologist Patrick Smith on Radio 5-70 WNAX", Yankton local information	W/F	0658	12/12	mah
570	WNAX	Yankton SD; "This is Coast to Coast on AM 5-70 WNAX, Yankton"; <b>personal first</b>	F	0800	12/12	AB
570	CFCB	Corner Brook NL; "You are listening to CFCB radio network CFNN FM 97.9 St Anthony, CFNW AM 7-90 Port-au-Choix, CFBL FM 97.9 Deer Lake & CFCB AM 5-70 Corner Brook" - a Newcap communications radio station; some C&W mx/songs playing from the leader Keith Urban :-)	W/F	0652	10/12	Rha
570	CKGL	Kitchener ON; Splatter City! A string of numbers being read out, possibly an FM frequency or a phone number, but "CKGL" letters clearly heard; also W 0700 6/11	F	0700	15/12	JF
570	CKSW	Swift Current SK; country mx, news, weather "Country Music Radio" and CKSW ID	W	0900	12/12	PC
570	<b>CKSW</b>	<b>Swift Current SK</b> ; C&W music peaking fair at 0800 but faded. Fpk Managed to record a "CKSW" ID in the noise at 0808 when it next surfaced, but only v weak at the time. <b>Personal first</b>		0800	13/12	JF
570	<b>XEVX</b>	<b>Comalcalco, Tabasco</b> ; "XEVX, 5-70 AM ..... la Grande de Tabasco"; <b>personal first</b>	F	0800	26/11	PC
580	CFRA	Ottawa ON; Michael O'Brian talk, ads and ID	F	0755	8/12	SW
580	WKAQ	R Reloj, San Juan PR; local SS mx and talks "de pablo ... avanti de Puerto Rico" by OM	222	0706	22/11	MDe
580	WKAQ	San Juan PR; "a las doce en WKAQ al medio día"	W	0700	17/12	AB
590	KHAR	Anchorage AK; ads, ID "Your station for America's best music and Alaska's best newscasts channel 2 news on KHAR"	F/G	1500	15/12	mah
590	WEZE	Boston MA; "WEZE Boston" heard in silence at VOXM	W	0700	13/12	PC
590	KSUB	Cedar City UT; "Talk Radio 5-90 KSUB Cedar City", Fox News Radio	W	0800	19/12	mah
589.98	VOXM	St John's NL; country style music/songs, "VOXM" ID	W/F	0646	10/12	Rha
590	VOXM	St John's NL; "VOXM satellite weather for Newfoundland"	G	2306	12/12	JW
590	CJCL	Toronto ON; "The Fan 5-90 is CJCL, a division of Rogers Broadcasting Limited"	F	0900	18/12	mah
594		Shandong JGD, Jinan, China; pips 16secs late // 918; <b>personal first</b>	222	1400	18/11	JF/TB
594		R Mayak, 2 sites listed, Russia; ID, chimes nx; <i>in response to a query, Tim advises that Krasnoyarsk is the most likely, since other stations from the alternative Surgutsky area were very weak at the time - mah</i>	333	1400	18/11	JF/TB
594		Vesti FM, Izhevsk, Russia; ID, relaying RR nx	111	1700	18/11	JF/TB
594	JOAK	NHK1 Sapporo; TS, JJ anns "NHK"	F	1200	15/12	mah
600	WMT	Cedar Rapids IA; "This is News Radio 6-hundred WMT Cedar Rapids"	vW	0800	14/12	PC
600	KSJB	Jamestown ND; "After Midnite", country, "KSJB Jamestown" ID at 0804; in and out of the mix	Gpks	0800	7/12	mah

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600	CBNA	St Anthony NL; sports announcements; CBC outlets/info; // also 750 CBGY	W/F	0703	10/12	Rha
600	CJWW	Saskatoon SK; "This is Saskatchewan's information station, CJWW"	W	0000	12/12	PC
610	WIOD	Miami FL; "News Radio 6-10 WIOD, Fort Lauderdale ... live 610wiod.com"	W	0700	17/11	AB
610	WIOD	Miami FL; "Newsradio 6-10 WIOD Miami" ID under CHNC. Initially fair but faded quickly	F	0800	16/12	JF
610	KDAL	Duluth MN; tnx to AB for pointing out my typo last month. Should have read KDAL throughout, not KDAF	F	0900	13/11	mah
610	KDAL	Duluth MN; "6-10 KDAL AM Duluth Superior, The News Authority. When you need to know 6-10 KDAL"	G	0900	7/12	mah
610	KDAL	Duluth MN; weather forecast – "I'm meteorologist (name) KDAL 6-10, the news authority ... 6-10 KDAL Duluth Superior, the news authority"; <b>personal first</b>	W/F	0900	13/12	PC
610	KCSP	Kansas City MO; "The official station for Jayhawk Basketball, W 6-10 Sports Radio KCSP Kansas City", Fox Sports News; <b>personal first</b>		1000	26/12	mah
610	CKTB	St Catharines ON; local ad for local electrical contractors, then "CKTB satellite weather", followed by "I'm Tedd Colbear on Newstalk 6-10 CKTB"	Fpk	0905	18/12	mah
620	CKCM	Grand Falls NL; ID "You are listening to the VOCM Radio Service"	F	2308	26/11	JW
620	CKRM	Regina SK; "CKRM overnight weather"	W/F	0706	12/12	mah
621		R Rossi, Syktyvkar, Russia; chimes nx, behind Belgium // 657 kHz; <i>to summarise Tim's response to a query, he tells me that the other site carrying R Rossii, Makhachkala, is well off-beam, and that propagation at the time strongly suggests Syktyvkar - mah</i>	222	1600	18/11	JF/TB
630	WPRO	Providence RI; "WPRO" ID and discussion about gold	G	0600	2/12	MTD
630	CHED	Edmonton AB; heard with "CHQR" jingle, then Ched IDs, and "It's 1 o'clock"; under Norway; don't think I've heard them with a "CHQR" jingle before!	W	0800	9/12	mah
640	CBN	St John's NL; OM talk // 1140 kHz	W	2312	12/12	JW
650	KENI	Anchorage AK; ads, ID "Your source for news and information 24 hours a day, News Radio 6-50 KENI Anchorage"	F	1500	15/12	mah
650	WSM	Nashville TN; "Now, from the heart of America's music city, the news and information you need, and cool country music all day, the Legend, (sung) 6-50 AM WSM Nashville"	F	0700	17/11	AB
650	WSM	Nashville TN; country music & YL with "6-50 AM WSM"	W	0651	30/11	BD
650	WSM	Nashville TN; "From America's music city, the news and information you need ... The Legend" then sung "WSM", "Nashville"	W/F	0800	7/12	PC
650	CKOM	Saskatoon SK; Canadian Press news & "CKOM weather"	W	0803	12/12	BD
650	CKOM	Saskatoon SK; "News Talk 6-50 CKOM, a Rawlco Radio Station" ... then "from the national newsroom of the Canadian press; <b>personal first</b>	W	0900	12/12	PC
660	KFAR	Fairbanks AK; "KFAR Fairbanks", news; in wideband splatter from 531 kHz Faroos	W/F	1400	14/12	mah
660	WFAN	New York NY; singing ID by choir and sport news	332	0701	22/11	MDe

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660	WFAN	New York NY; Ottawa Senators vs NJ Devils live. Rare here due to BBC York on 666 kHz	vG	0112	26/11	SW
660	WFAN	New York NY; sports news , ads for New York company	F	2313	26/11	JW
660	WFAN	New York NY; sports reviews on "WFAN 66", NBA	W/Fpks	0649	10/12	Rha
660	WFAN	New York NY; jingle ID, Talk about American Football	G	0615	17/12	MTD
660	KEYZ	Williston ND; country mx, ID "News Radio 6-60 KEYZ" and ABC News; clear under CFFR	F	0800	9/12	mah
660	CFFR	Calgary AB; "6-60 News is CFFR, a division of Rogers Communications"	G	1100	4/12	mah
660	CFFR	Calgary AB; "This is Calgary's only all news radio station. This is 6-60 News" (weather forecast -27C)	W/F	0800	12/12	PC
660	CFFR	Calgary AB; "This is Calgary's only all news station. This is 6-60 News" & rolling news format	W	0800	12/12	BD
670	WSCR	Chicago IL; "Sports Radio 6-70 The score" then sports news	F	0900	13/12	PL
680	KBRW	Barrow AK; native talk with slow KBRW ID		1700	16/11	DH
680	KBRW	Barrow AK; pops, ID "You're listening to KBRW AM 6-80 radio from the top of the world"; regular in December	Fpks	1300	5/12	mah
680	CJOB	Winnipeg MB; "... The Superstation, CJOB" slightly behind CFTR	F	0700	6/11	JF
680	CJOB	Winnipeg MB; "You're listening to Coast to Coast on the Superstation, CJOB 6-80 in Winnipeg"	W/F	0800	7/12	PC
680	CJOB	Winnipeg MB; CJOB news & "for more news go to cjob.com"	F	0803	9/12	BD
680	CFTR	Toronto ON; YL weather "Right now in downtown Toronto.."	F	2318	9/12	JW
700	KBYR	Anchorage AK; anns, ID "This is Smart Radio AM ..." and Fox News Radio	Fpks	1300	13/12	mah
700	WLW	Cincinnati OH; "700 WLW", nx programme about investments	G	0800	15/12	MTD
700		NBC Radio, Kingstown, St. Vincent; OM with Calypso music & BBC W/S News	W	0358	29/11	BD
710	KNUS	Denver CO; "News Talk 7-10 KNUS, breaking news, intelligent talk – breaking news, intelligent talk, News Talk 71-0 KNUS Denver"	F	0900	7/12	mah
710	KNUS	Denver CO; "News Talk 7-10 KNUS Denver"; <b>personal first</b>	W	0900	16/12	PC
710	WOR	New York NY; ID "7-10 WOR" and web address given	W	0658	25/11	JW
710	WDSM	<b>Superior WI</b> ; promo "... on W??? Superior Duluth", heard in the mix; <b>personal first</b>	Fpk	0800	7/12	mah
710	CKVO	Clarenville NL; "You are listening to Radio Newfoundland"	F	2312	25//11	JW
720		2nd CNR 2 relay under Beijing, w/ pips & time check	111	1600	18/11	JF/TB
720	WGN	Chicago IL; "WGN Chicago" heard though BBC	W	0700	7/12	PC
720	WGN	Chicago IL; "The Black Hawks and the Cubs play on WGN Chicago" then ID and news headlines	G	0300	13/12	PL
730	CKAC	Montréal QC; pop songs and CKAC ID	332	0632	22/11	MDe
730	CKAC	Montréal QC (presumed); plenty of FF talk	W	2326	9/12	JW
740	CBX	<b>Edmonton AB</b> ; since CBC R1 have changed their news jingle it can be heard quite clearly, even when it is weak or buried in a pile-up. News jingle clearly heard at 0500, 0700 & very clearly at 0900; also F 0800 13/12; <b>personal first</b>	F	0500	6/11	JF
740	CBX	Edmonton AB; CBC News	W	0000	12/12	PC
740	CBX	Edmonton AB; "You're listening to CBC Radio One 7-40 AM in Edmonton"	G	0659	12/12	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>
740	CBX	Edmonton AB; CBC tones and news report on Copenhagen climate protests xf CFZM	W	0500	13/12	PL
740	CFZM	Toronto ON (presumed); continuous oldies	F	2325	9/12	JW
740	CFZM	Toronto ON; oldies, "AM 7-40" ID	W/Fpks	0710	10/12	Rha
740	CFZM	Toronto ON; nostalgia music "AM 7-40" (rare here)	G	0135	16/12	SW
740	ZYH446	R Soc da Bahia, Salvador; speech in PP by OM about Brazil; ID332 "Salvador"		2304	2/12	MDe
750	WSB	Atlanta GA; "News Talk 7-50 WSB, Atlanta's news, weather, traffic and Georgia Bulldog's station"	W/F	0800	30/11	PC
750	WSB	Atlanta GA; "Newstalk 7-50 WSB, Atlanta's news weather and traffic station - depend on it!" No sign of CBGY	F	0900	13/12	PL
750	WSB	Atlanta GA; "Live team coverage, breaking news, WSB Atlanta" well above CBGY; also F 0600 8/11	G	0800	15/12	JF
750	CBGY	Bonavista Bay NL; CBC News	332	0702	22/11	MDe
760	WJR	Detroit MI; ABC News reports, ID "News Talk 7-60 WJR"	W/F	0713	10/12	Rha
760	WCHP	Champlain NY; "your home for the holidays, WCHP Champlain"; <b>daytimer</b>	W/F	2100	17/12	PC
770	WABC	New York NY; business tlk & news splash "on WABC 77"	F/Gpks	0432	10/12	Rha
770	KTTH	Seattle WA; "KTTH Seattle" heard under CHQR	Fpks	1100	4/12	mah
770	<b>CHQR</b>	<b>Calgary AB</b> ; "For breaking news, we're at 770CHQR.com". Fair levels and over WABC! <b>Personal first</b>	F	0500	6/11	JF
770	CHQR	Calgary AB; "CHQR" sung ID "We're Calgary's news leader"	W/F	0800	7/12	PC
770	CHQR	Calgary AB; "Your station to turn to in an emergency 7-70 CHQR." & CHQR news	F/G	0800	10/12	BD
770	CHQR	Calgary AB; sung ID, ID, weather and news	232	0600	11/12	RF
770	HJJX	RCN, Santa Fé de Bogotá; "Radio-sucesos RCN"; txn help with ID from Mauricio Molano; in local 774 toth silence	G	0100	23/12	PL
774	JOUB	NHK2 Akita; JJ ID "JOUB NHK Akita Daini Hosu desu", then EE "Hi listeners, welcome to 5 minutes English"	F/G	1320	7/12	mah
780	WZZX	Lineville AL (pres); with country songs came through for a moment before WBBM noted; is it possible this is "Real Country"? - I don't see another station with this programme format on 780 kHz	W/Fpks	0725	13/12	Rha
780	KNOM	Nome AK; light music, "KNOM in Nome, it's 2 o'clock"; xf WBBM; also regular during December daytime	Fpks	2300	13/12	mah
780	WBBM	Chicago IL; WBBM sports results & CBS news	W	0759	24/11	BD
780	WBBM	Chicago IL; PSA event in Chicago; ID	G	0757	8/12	SW
780	WBBM	Chicago IL; "WBBM News time nine o'clock" after sports headlines then weather and into CBS News	G	0300	13/12	PL
780	WBBM	Chicago IL; Chicago sports, "News Radio WBBM" ID	F	0728	13/12	Rha
780	YVMN	R Coro, Coro; Se trata de Coro by OM	222	0701	22/11	MDe
780	YVMN	Radio Coro, Coro; Latin rhythms & "Radio Coro"	W/F	0757	27/12	BD
790	WAXY	South Miami FL; ID, ESPN; <i>Rein, you had this logged as 920 kHz, but I assume this was a typo and you meant 790 kHz - mah</i>	222	0700	21/12	RF
790	WPRV	Providence RI; "Happy holidays from the station for talk and business ... AM 7-90 WPRV Providence"	W/F	0400	18/12	PC
790	KJRB	Spokane WA; "This is KJRB Spokane ..."; under CFCW	W	0800	19/12	mah
790	WAYY	Eau Claire, WI; "News Talk 7-90 WAYY Eau Claire"; <b>personal first</b>	W	0800	14/12	PC



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790	CFCW	Camrose AB; anns, ID "CFCW 7-90 Alberta's country legend"	F	0717	10/12	Rha
790	CFNW	Port au Choix NL; "5-70 CFCB" ID and C&W music. Still no sign of CFCW here but I live in hope! :0)	F	0800	10/12	JF
790	CFNW	Port au Choix NL; country mx "... (name) with CFCB"	F/G	2200	14/12	PC
800	CHRC	Québec QC; meteo and French OM	F	0800	10/12	JF
800	CHRC	Québec QC; FF studio talk	W/F	0801	10/12	BD
800	CHAB	Moose Jaw SK; "The greatest hits of all time, back-to-back in a classic six-pack. This is 800 CHAB"	Gpks	0758	11/12	mah
810	CJVA	Caraquet NB; Christmas songs, FF ID "... CJVA"; under/equal Radio Scotland	Fpks	0900	18/12	mah
820	WBAP	Fort Worth TX; "News Talk 8-20 WBAP Fort Worth Dallas"	W/F	0800	24/11	BD
820	WBAP	Forth Worth TX; Midnight Radio Network talk on WBAP also wbap.com	W/Fpks	0715	10/12	Rha
830	KSDP	Sand Point AK; light songs, NPR News, ID at 1306 "You're listening to KSDP Sand Point and K201DA King Cove Alaska", then "KSDP radio weather"	G	1300	9/12	mah
830	WCRN	Worcester MA; "AM 8-30 WCRN"	W	0115	13/12	VC
830	WCRN	Worcester MA; "... tomorrow morning at 5am on AM 8-30 WCRN Worcester Boston. CBS news begins right now." A difficult channel here because of 828 Leeds.	F	2159	16/12	AB
830	WCCO	Minneapolis MN; glimpsed with "News Radio 8-3-0 WCCO" & CBS News	W	0800	9/12	BD
830	YVLT	Radio Sensación, Caracas; bright Latin rhythms & "La nueva Sensación"	W/F	0755	27/12	BD
840	WHAS	Louisville KY; "84 WHAS ...(sung) WHAS news coverage starts now." & Fox News	F/G	0800	9/12	BD
840	KXNT	Las Vegas NV; promo "... right here on News Radio 8-40 KXNT"; another ID at the toth, and again at 0806 before C2C; somewhat muffled speech	Fpks	0758	11/12	mah
846	UNID	CHN, w/ pips, way behind TWN/RUS	111	1700	18/11	JF/TB
850	KICY	Nome AK; religious songs, ID "Serving Gambell, Unalakleet and all of western Alaska, this is KICY, Nome"	vG	1400	8/12	mah
850	KOA	Denver CO; "Freezing in Denver, I'm Joe ? News Radio 8-50 KOA" - thanks to SW for tip; <b>personal first</b>	F	0800	7/12	AB
850	KOA	Denver CO; "News Radio 8-50 KOA"	W/Fpk	0800	7/12	PC
850	KOA	Denver CO; "News Radio 8-50 KOA Denver. At one o'clock it's 4 degrees" & KOA news	W	0800	7/12	BD
850	KOA	Denver CO; traffic report followed by "Newsradio 8-50 KOA" ID; almost fair on peaks! <b>Personal first</b>	W/F	0805	9/12	JF
850	WFTL	West Palm Beach FL; talk show "Your Family Radio WFTL"	332	0713	26/11	MDe
850	WFTL	West Palm Beach FL (presumed); Joey Reynolds talk show	W	0711	3/12	JW
850	WEEI	Boston MA; ID "On the Sports USA radio network ... back after these local ads", "Sports Radio (?) City WEEI Boston"	F	0101	27/11	JW
850	WEEI	Boston MA; "Sports Radio 8-50" basketball & baseball info	W/F	0717	13/12	Rha
850	WEEI	Boston MA; sports, ESPN Radio	232	0514	18/12	MvA
860	CHAK	Inuvik NT; local news for North-west Territories, CBC News at toth, then faded	Gpks	1358	8/12	mah
860	CBKF2	Saskatoon SK; "Vous écoutez la première chaîne de Radio Canada CBKF en Saskatchewan. Il est deux heures ... porvoir"	G	0800	9/12	mah

kHz	Call sign	Station, location; details heard etc	SIO	UTC	Date	Who
860	CBKF2	Saskatoon SK; "Vous écoutez la Première Chaîne de Radio (doesn't sound like Canada but must be), CBKF en Saskatchewan. Il est 2 heures"; <b>personal first</b>	W	0800	12/12	PC
873		R Yunost, 2 poss tx's both 1kW; pips on half hour // 153 kHz	111	1530	18/11	JF/TB
880	WCBS	New York NY; "WCBS Newstime...." (QRM!)	W	0739	8/12	JW
880	CKLQ	Brandon MB; country mx, straight into short "Environment Canada 5 day forecast for western Manitoba"; then "For full weather details log onto cklq.com ... thanks for joining us here on 8-80 CKLQ"	G	0800	9/12	mah
890	KBBI	Homer AK; light mx, "This is KBBI AM 8-90 Homer, public radio serving the southern Kenai peninsular"	Fpks	1259	15/12	mah
890	WLS	Chicago IL; "WLS where Chicago comes to talk" & ABC News	W	0800	22/12	BD
890	WAMG	Dedham MA; SS pops/tropical music similar format to 1200 WKOX & "La nueva Mega." Sounded like 25kW?	F	0659	4/12	BD
890	CJDC	Dawson Creek BC; "CJDC" IDs noted in the splatter	W	1100	6/12	mah
900	KZPA	Fort Yukon AK; ID announcement mentioning "... KSKO McGrath ..." heard under Spain	P/W	1300	15/12	mah
900	XEW	W Radio, Mexico City; Italy gone thanks to the flag, Spain faded thanks to daylight – alone on channel! "W Radio, 900 AM, Mexico"; <b>personal first</b>	W	0900	8/11	JF
910	WSUI	<b>Iowa City IA</b> ; difficult ID "You're listening to the BBC World Service ... news station AM 9-10 WSUI (Iowa City?) ..." and jingle, then BBC WS; bad splatter from 909 kHz; <b>personal first</b>	P	1000	26/12	mah
910	CKDQ	Drumheller AB; country mx, ID "Q Country – Q91"	Fpks	0803	11/12	mah
920	KSRM	Soldotna AK; "Now in our 42 <sup>nd</sup> year, this is News Talk 92 KSRM Soldotna Kenai Homer. It's 2 o'clock"	W/F	1100	5/12	mah
920	WDMC	Melbourne FL; "You're listening to WDMC 9-20 AM"	W/F	0000	16/12	PC
920	<b>KDHL</b>	<b>Faribault MN</b> ; "9-20 AM KDHL, a Cumulus station"; <b>personal first</b>	W	0000	13/12	AB
920	KDHL	Faribault MN; "9-20 AM KDHL ..."	W/P	0000	13/12	mah
920	KDHL	Faribault MN (pres); "This is Radio America"	W	0900	21/12	PC
920	KDHL	Faribault MN; ann, ad, "Radio America"; <b>personal first</b>	232	0852	24/12	MvA
920	KDHL	Faribault MN; "This is Radio America" ID; also W 0700 6/11	W	0800	26/12	JF
920	WHJJ	Providence RI; news, then "9-20 WHJJ sports"	W/F	2101	24/11	PC
920	WHJJ	Providence RI; "Online on demand 920whjj.com ... for the stories Rhode Islanders are talking about..." & Fox News	W	0800	24/12	BD
920	WHJJ	Providence RI; toth ID with call letters, also mentioning another W call "Newsradio 9-20", despite I see that it is listed on Topaz as being "Talkradio". Recording available. Alone on channel. Weaker at 0800. <b>Personal first</b>	W	0900	24/12	JF
920	CFRY	Portage la Prairie MB; "CFRY is community service radio – your local information station"	F	0700	9/12	PC
920	CFRY	Portage la Prairie MB; "CFRY it's nearly 3 degrees your local information station" & CFRY news	F	0700	9/12	BD
920	CFRY	Portage la Prairie MB; sung CFRY jingle at 0801 after a storm warning; also G 0500 6/11	F	0801	9/12	JF
920	CFRY	Portage la Prairie MB; "CFRY 9-20 AM 93.1 FM"	F	0059	13/12	VC
920	CFRY	Portage la Prairie MB; fiddle music and ID; good peaks	G	0304	13/12	PL

kHz	Callsign	Station, location; details heard etc	SIO	UTC	Date	Who
920	CKNX	Wingham ON; info on Oakville community event, Canadian public health message	Fpk	0011	11/12	SW
930	KNSA	Unalakleet AK; light mx, ID "(This is?) KDLG Dillingham, also heard at KNSA Unalakleet and K201BA King Cove"; BBC WS	Gpks	1300	15/12	mah
930	<b>KSEI</b>	<b>Pocatello ID</b> ; "ESPN Radio ... AM 9-30 KSEI Portacello and AM 12-30 KRXX Rexburg"; under CJCA; <b>personal first</b>	W	0800	11/12	mah
930	WBEN	Buffalo NY; C2C, "news traffic and weather ... 9-50 WBEN Buffalo" & CBS News	W	0657	4/12	BD
930	WBEN	Buffalo NY; wx, ID, Cigar Dave Show; <b>personal first</b>	333	0105	13/12	MvA
930	WBEN	Buffalo NY; "News Radio 9-30 WBEN"	F	0105	13/12	VC
930	<b>KSDN</b>	<b>Aberdeen SD</b> ; "This is AM 9-30 KSDN Aberdeen"; <b>personal first</b>	W	0000	13/12	mah
930	CJCA	Edmonton AB; contemporary Christian mx, "This is The Light"	W/F	0800	12/12	BD
930	CJCA	Edmonton AB; "AM 9-30 The Light"	W	0900	12/12	PC
930	CFBC	Saint John NB; oldies	332	2345	27/11	MDe
930	CFBC	Saint John NB; oldies mx	322	2345	12/12	MvA
930	CFBC	Saint John NB; "Good times and great oldies on 93 CFBC"	F	0007	13/12	AB
930	CFBC	Saint John NB; "Saint John's favorite oldies"	W	0100	13/12	VC
940	<b>WCPC</b>	<b>Houston MS</b> ; "WCPC Houston" 50kW; <b>daytimer</b>	W	2300	22/11	PC
940	CINW	Montréal QC; "AM 9-40, Montreal's Greatest Hits" nicely above the local Gold 945 splatter for a change	G	0700	6/11	JF
940	CINW	Montréal QC; talks about the magnetic fields; tx to Ken Baird	333	0701	13/11	MDe
940	CJGX	Yorkton SK; "CJGX 9-40 AM stereo Yorkton serving Saskatchewan and Manitoba. We are GX94"; also <b>2300</b> 12/12	F	0000	12/12	PC
940	CJGX	Yorkton SK; "Serving Saskatchewan and Manitoba we are GX94" then quickly overtaken by Montreal	F	0200	13/12	PL
950	WWJ	Detroit MI; "WWJ Newstime 4.58 traffic and weather together"	F	0958	18/12	mah
950	WWJ	Detroit MI; "WWJ HD Detroit" heard in mix	W/F	1000	26/12	PC
950	<b>WROC</b>	<b>Rochester NY</b> ; "9-50 ESPN WROC Rochester ..... now worldwide at sportsradio950espn.com"; <b>personal first</b>	W/F	0800	25/11	PC
950	KJR	Seattle WA; "Sports Radio 9-50 KJR"		0530	12/11	DH
950	KJR	Seattle WA; "Sports Radio 9-50 KJR Seattle"	W	0800	9/12	PC
950	KJR	Seattle WA; "This network broadcast is coming to you live and under the influence of Sports Radio 9-50 KJR Seattle"	F	0700	10/12	AB
950	KJR	Seattle WA; Fox sports & "This is Seattle's only all sports station ... Sports Radio 9-50 KJR Seattle"	W	0800	10/12	BD
950	CFAM	Altona MB; classical music // 1250 kHz	W	0700	7/11	JF
950	CFAM	Altona MB; usual classical music // 1250 kHz	W	0827	7/12	BD
950	CFAM	Altona MB; "CFAM 9-50 a Golden West radio station"; also <b>2300</b> 12/12	G	0000	12/12	PC
950	CFAM	Altona MB; Xmas songs, 2330 news; 2332 wx; <b>personal first</b>	233	2313	12/12	MvA
950	CFAM	Altona MB; "CFAM, Radio 9-50"	F	0000	13/12	VC
950	<b>CFAM</b>	<b>Altona MB</b> ; "At home in my Town" "CFAM AM Radio 9-50"; local weather and "Songs of Christmas" at 0134	G	0034	13/12	SW
950	CFAM	Altona MB; classics through toth	G	0900	13/12	PL
950	CKNB	Campbellton NB; anns, mx, ID	222	2342	15/12	MvA
954	<b>JOKR</b>	<b>TBS Radio, Tokyo</b> ; JJ tlk, YL, followed by OM, both with "TBS Radio" ID; <b>personal first</b>	F	1321	15/12	mah

kHz	Call sign	Station, location; details heard etc	SIO	UTC	Date	Who
960	KMA	Shenandoah IA; "Regional Radio KMA Shenandoah"	W/F	0800	11/12	PC
960	KMA	Shenandoah IA; usual ID "Regional Radio this is KMA Shenandoah"	W	0900	24/12	AB
960	WEAV	Plattsburgh NY; "This is the zone WEAV 9-60 AM Plattsburgh Burlington and WTSJ 13-20 AM Randolph" & Fox News	W/F	0800	27/11	BD
960	WEAV	Plattsburgh NY; "Zone 9-60 AM" full legal ID mentions Plattsburgh, Burlington, Randolph	Fpk	0058	10/12	SW
960	CFAC	Calgary AB; ESPN Radio Calgary. Call letters obscured by splatter but ESPN Radio Calgary heard. Peaked to fair levels after this; <b>personal first</b>	F	0800	7/11	JF
960	CFAC	Calgary AB; "The Fan 9-60 and fan 960.com", ESPN Radio Sports Centre; "Owned & operated by Rogers Broadcasting , we are The Fan 9-60 Calgary"	F	0748	10/12	Rha
960	CFAC	Calgary AB; "We are the Fan 9-60 Calgary"	W	0900	12/12	AB
960	CFAC	Calgary AB; ESPN "AM 9-60 CFAC Calgary"	W	0900	12/12	PC
960	CFAC	Calgary AB; sport "live from the Pengrowth Saddledome the Fan 9-60, thefan960.com"	W/F	0201	13/12	VC
970	WFLA	Tampa FL; "9-70 WFLA Tampa and on FM 97.9 WXTB HD-2 Clearwater. It's three o'clock"; <b>personal first</b>	F	0800	25/12	AB
970	KQAA	Austin MN; true classic country mx; <b>personal first</b>	322	0527	13/11	MDe
970	KQAA	Austin MN; "9-70 AM KQAA ... Austin, Minnesota"	W	0900	6/12	PC
970	KQAA	Austin MN; gentle music "This is KQAA, Classic Country Legends, 9-70 AM Austin <?>"	W	1000	26/12	AB
970	WDAY	Fargo ND; "AM 9-70 WDAY Fargo Moorhead"	F	0000	12/12	PC
970	WDAY	Fargo ND; ID and into news; <b>personal first</b>	F	0900	13/12	PL
980	WCAP	Lowell MA; "9-80 WCAP Everybody gets it. 9-80 WCAP Lowell, Haverhill, Lawrence, Methuen, Nashua and Salem New Hampshire..." locations after "Lawrence" only discernible by comparison with web ID, CBS news; <b>personal first</b>	W	2200	16/12	AB
980	WCAP	Lowell MA; "... weather in the mornings live on 9-80 WCAP"	W	1000	18/12	mah
980	KKMS	Richfield MN; "Welcome to Super(?) AM 9-80 ... Minneapolis Saint Paul"; difficult copy but who else? <b>Personal first</b>	W	0800	11/12	JF
980	KKMS	Richfield MN; "This is AM 9-80 KKMS, Richfield, Minneapolis Saint Paul, a service of Salem Communications"	W	1000	23/12	PC
980	KKMS	Richfield MN; very weak tail end of toth ID "...Salem Communications, More Spirited Talk Radio"	vW	0600	26/12	AB
980	WCUB	Two Rivers WI; "... and now more of the new and old, your kind of country, with ??? on AM 9-80 WCUB" ID; <b>personal first</b>	W	0901	8/11	JF
980	WCUB	Two Rivers WI; "weather update – then check out cubradio.com" – all that was heard in a pile up	W	0600	23/12	AB
980	WCUB	Two Rivers WI; Fox News Radio, no toth ID but Two Rivers ad, and mention of "cubradio.com"; later wx "... on WCUB"; at 1002 "And now more sounds of the season with Andi Laine on your official voice of Christmas AM 9-80 WCUB"	Gpks	1000	23/12	mah
980	CJME	Regina SK; "Regina's number one news and information station news talk 9-80 CJME a Rawlco radio station."	W/F	0400	11/12	PC
980	CJME	Regina SK; very weak and lost of static "... only <?> information station, Newstalk 9-80 CJME"	vW	0900	12/12	AB

kHz	Callsign	Station, location; details heard etc	SIO	UTC	Date	Who
980	CJME	Regina SK; "Regina's number one news and information station, 9-80 CJME ... A Rawlco radio station" Canadian Press newsroom; <b>personal first</b>	vW	0900	16/12	JF
980	HJES	RCN, Cali; "más noticias en rcnradio.com"	W	0602	23/12	AB
981		Alger Chaîne 2, Ouled Fayet, Algeria; Arabic music	333	0158	27/ 11	FW
990	CBW	Winnipeg MB; CBC news not // 1140 kHz	F/G	0000	12/12	PC
990	CBW	Winnipeg MB; "You're listening to CBC Radio One 9-90 AM in Winnipeg"; mixing Euros	F	0659	12/12	mah
999		RTM A, Tanger, Morocco; news	333	2300	1/12	FW
999		R Yunost, Birobidzhan, Russia; pips on half hour // 153 kHz; <b>personal first</b>	111	1530	18/11	JF/TB
1000	WMVP	Chicago IL; "WMVP AM, ESPN Radio" ID heard just past the toth	F	0700	6/11	JF
1000	KOMO	Seattle WA; "Komo news time 11.38 - weather from the komo forecast team coming up"		0738	14/11	DH
1000	KOMO	Seattle WA; "Everything you need to know, KOMO, Seattle, KOMO-FM ..."	W	0700	10/12	AB
1000	KOMO	Seattle WA; various KOMO IDs at toth	W	0900	12/12	PC
1008		R Yunost, Khabarovsk, Russia; pips on half hour, fluttery sig behind Euros; <b>personal first</b> ; <i>PAL lists 3 sites, so I asked Tim how he knew he had heard Khabarovsk. He writes: " as far as I know, the other 2 tx's (time shifted editions of same prog,) were already off air when I logged Kharbarovsk. Primorsky kray (Kamchatka) is an hour ahead of Kharbarovsk" - mah</i>	111	1530	18/11	JF/TB
1010	WINS	New York NY; "All news all the time, this is 10-10 wins" & rolling news	F/G	0900	27/11	BD
1010	WINS	New York NY; YL "All news all the time , this is 10-10 WINS"	F	0739	7/12	JW
1010	CBR	Calgary AB; CBC news jingle, Afghan news. Best I have heard this! Equal levels CFRB; also W 0700 6/11	F	0800	10/12	JF
1010	CBR	Calgary AB; "This CBC Radio One 99.1 FM and 10-10 AM in Calgary. Canada lives here"	G	0659	12/12	mah
1010	CFRB	Toronto ON; "Newstalk 10-10" & weather; only DX signal at this late time	G	1105	6/12	SW
1010	CFRB	Toronto ON; Toronto newstalk, Starbucks coffee ad	F/G	0550	10/12	Rha
1010	CFRB	Toronto ON; "The two biggest (territories?) in Canada CJAD 800 Montréal and your News Talk 10-10 from Toronto, double double"	G	0808	16/12	JW
1020	KTNQ	Los Angeles CA; SS ID "Nutre tu mente con las 10-20. Estás escuchando Café Espuelas con 10-20 AM" - Café Espuelas is a programme aired 3-6pm Pacific Mon-Thursday; tnx AB for picking out detail from the announcement, and for the detective work in tying the programme to KTNQ; <b>personal first</b>	Fpk	0800	11/12	mah
1020	KJJK	Fergus Falls MN; "Fergus Falls Minnesota, we're Groovy 10-20W the greatest hits of all time"		0800	7/12	mah
1020	UNID	barely audible "ESPN Radio Sports Centre" – probably KWIQ	vvW	1200	15/12	mah
1030	WBZ	Boston MA; talk & ID	Gpk	0032	1/12	SW
1030	WBZ	Boston MA; YL Promo "WBZ Everyday. Then YL "Traffic on the 3's"	F	2312	9/12	JW
1030	UNID	Mexican mx, brief SS "Que Buena" ID	Fpk	1105	26/12	mah



kHz	Callsign	Station, location; details heard etc	SIO	UTC	Date	Who
1035		<b>Newstalk ZB, Wellington, New Zealand</b> ; promo "... so join us for a Christmas Day full of surprises on Newstalk ZB"; <b>UK First</b>	Fpks	1402	15/12	mah
1040	WHO	Des Moines IA; "WHO" IDs (with phaser on)	F	2340	8/12	PC
1040	WHO	Des Moines IA; "WHO Des Moines news radio I'm ..." & WHO news	W	0900	22/12	BD
1040	<b>WYSL</b>	<b>Avon NY</b> ; "Coverage of news and power, exclusively on News Power 10-40 WYSL", and "News 10 NBC" slogans; no sign of WHO at the toth, but it was dominant again by 1005; <b>personal first</b>	Gpk	1000	18/12	mah
1040	CJMS	Saint-Constant QC; country mx, FF "CJMS 10-40" IDs	F	2259	26/12	mah
1050	WEPN	New York NY (presumed); sports news over CHUM	F	2258	23/11	JW
1050	WEPN	New York NY; ESPN sports info	F	0647	13/12	Rha
1050	CKSB	Winnipeg MB; "Vous écoutez la première chaîne de Radio Canada CKSB au Manitoba. Il est deux heures ... porvoir"	F/G	0800	9/12	mah
1050	CKSB	Winnipeg MB; RC jingle after reference to Manitoba and into French news	F	0900	13/12	PL
1050	CKSB	Winnipeg MB; "Vous écoutez la première chaîne de Radio Canada, CKSB au Manitoba"	W/F	1000	24/12	PC
1050	CHUM	Toronto ON; "Radio 10-50 Toronto" OM and YL news about Toronto	G	0800	16/11	MTD
1050	CHUM	Toronto ON; ID "This is News CP24 Radio 10-50"	F	2252	22/11	JW
1050	CJNB	North Battleford SK; CP News, ID "CJNB The Battlefords CJNS Meadow Lake, a Rawlco radio station"	Fpks	1304	6/12	mah
1050	UNID	SS anns and Mexican mx; 1102 "Viva para México" – XEG? CHUM dominant, traces also of WEPN and CKSB	Fpks	1058	26/12	mah
1060	WLNO	New Orleans LA; Christian talk, "10-60 AM WLNO, New Orleans (?) Christian station"	W/F	2300	24/11	PC
1060	WLNO	New Orleans LA; light Christmas music, toth ID "... 10-60 AM W/F WLNO New Orleans"; mixing WBIX	W/F	2300	21/12	mah
1060	<b>WILB</b>	<b>Canton OH</b> ; "Living Bread radio, Catholic radio. The truth for North East Ohio"; <b>personal first</b>	W/F	2200	4/12	PC
1060	<b>KGFX</b>	<b>Pierre SD</b> ; "KGFX Pierre, a member of the Dakota Radio Group. A Pioneer radio station"; <b>personal first</b>	W	<b>2300</b>	12/12	PC
1060	<b>KGFX</b>	<b>Pierre SD</b> ; "South Dakota's pioneer radio station ( <i>tones</i> ) (AM?) 10-60 KGFX Pierre, a member of the Dakota Radio Group", then ABC News; <b>personal first</b>	W/F	2300	13/12	mah
1060	<b>CKMX</b>	<b>Calgary AB</b> ; "Merry Christmas from Classic Country 10-60"	Fpk	0835	7/12	SW
1060	CKMX	Calgary AB; "Classic Country forecast" - 23C	F	0000	12/12	PC
1060	CKMX	Calgary AB; "50 years of classic country, AM Ten Sixty"; also F 0655 6/11	F	0804	12/12	JF
1060	CKMX	Calgary AB; country music & "50 years of Classic Country AM 10-60"	F	0805	12/12	BD
1060	CKMX	Calgary AB; "Saturday night at six on Classic Country AM 10-60"	W	0900	12/12	AB
1060	CKMX	Calgary AB; "CKMX, Calgary" "Classic Country AM 10-60"	F	2359	12/12	VC
1060	CKMX	Calgary AB; country music	F/G	0504	13/12	PL
1060	CMGW	Radio 26, Matanzas; MOR LA music & "Esta es Radio Viente Seis desde Matanzas Cuba"	W/F	0657	19/12	BD

kHz	Callsign	Station, location; details heard etc	SIO	UTC	Date	Who
1060	XEEP	R Educación, Mexico City DF; clear IDs and talk about Mexico	G	0041	10/12	SW
1060	XEEP	R Educación, México DF; talks, Mexican music	333	0300	16/12	RF
1070	KNX	Los Angeles CA; "This is California's only all news radio station 10-70 KNX news radio" & CBS News	W	0800	9/12	BD
1070	KNX	Los Angeles CA; "All news, all the time, southern California's only all news radio station 10-70 KNX"	W	0900	9/12	PC
1070	KNX	Los Angeles CA; "This is KNX 10-70 news radio"	W	0659	12/12	AB
1070	KNX	Los Angeles CA; "All news, all the time, southern California's only all news radio station" then KNX sung ID and into news	F	0900	13/12	PL
1070	WKOK	Sunbury PA; "News Radio 10-70 WKOK Sunbury"	W	2200	22/11	PC
1070	WFLI	<b>Lookout Mountain TN</b> ; inspirational music followed by "Thank you for listening to WFLI, 10-70 Lookout Mountain, Chattanooga, Tennessee", then ? USA Radio News; <b>daytimer and personal first</b>	W	2200	25/11	AB
1070	CHOK	Sarnia ON; "country1039.com"- jingle"1 0 3 9 CHOK"	F	0032	13/12	VC
1070	WMIA	Arecibo PR; correction to last month's log – the SS ID should have read "Esta es WMIA Radio Arecibo, 10-70 AM"	F	2200	20/11	mah
1070	LR1	R El Mundo, Buenos Aires; SS ID Mundo by OM; good	332	0227	17/11	MDe
1070	HJCG	R Santa Fé, SF de Bogota; "la música de diciembre con Radio Santa Fé"	W	0216	13/12	VC
1070	HJCG	R Santa Fé, Bogotá; ID and lively Latin music	W	0230	13/12	JF
1070	HJCG	<b>R Santa Fé, Bogotá</b> ; "Radio Santa Fe" ID among music, and "música tropicana, siempre Radio Santa Fé"; <b>personal first</b>	F	0130	20/12	AB
1071		Middle East Radio, Cairo, Egypt; music	222	2250	12/11	FW
1080		<b>Newstalk ZB, Auckland, New Zealand</b> ; "Viva - Newstalk ZB round the clock and around the world newstalkzb.co.nz"	Fpks	1400	15/12	mah
1080	KUDO	Anchorage AK; "KUDO Anchorage kudo1080.com News Talk 10-80 KUDO Anchorage live online kudo1080.com, a service of Tati Broadcasting", CNN Radio news	F	1100	3/12	mah
1080	WTIC	Hartford CT; "WTIC WTIC HD Hartford" & CBS News	F	0900	27/11	BD
1080	WTIC	Hartford CT; EE phone call, talk show // 1100 WTAM	232	0843	23/12	MvA
1098	BED97	Radio Taiwan International, Chinese service, Kouhu; pips / YL / OM sung ID ending with "RTI" mixing Spain	W/F	1600	10/11	PL
1098.1	BED97	CBS(RTI) Kouhu, Taiwan; Mandarin talk	F	1435	6/12	Rha
1100	KFAX	San Francisco CA; SRN News, ID "KFAX San Francisco Oakland San Jose, online kfax.com The Spirit of the Bay AM 11 hundred KFAX"	W/F	1101	3/12	mah
1100	WZFG	Dilworth MN; jingle ID "... News Talk Radio The Flag WZFG"	Fpks	0800	7/12	mah
1100	WTAM	Cleveland OH; phone call, talk show // webstream	232	0835	23/12	MvA
1100	WTAM	Cleveland OH; "WTAM eleven hundred", promo for advertising on radio	G	1015	25/12	MTD
1110	WBT	Charlotte NC; "News Talk 11-10 WBT Charlotte, 99.3 FM WBT Chester, Charlotte's news, weather and traffic station." & CBS News	F	0700	30/11	BD
1110	WBT	Charlotte NC; "News Talk 11-10 WBT Charlotte, 99.3, wbt.com, a greater news station	232	0500	13/12	RF
1110	WBT	Charlotte NC; local live phone-in show "Jack, you're live on 11-10 WBT" (first time this season)	Fpk	0039	16/12	SW

kHz	Callsign	Station, location; details heard etc	SIO	UTC	Date	Who
1120	WBNW	Concord MA; "Boston's Talk Variety WBNW AM 11-20" heard in KMOX fade; <b>personal first</b>	W	0802	7/12	AB
1120	KMOX	Saint Louis MO; "This is the weather station News Radio 11-20 W/F KMOX, KMOX HD Saint Louis" & CBS News		0800	7/12	BD
1120	KMOX	St Louis MO; ad for company on Highway 70 ... then YL "KMOX Newstime ..."	W	0807	8/12	JW
1120	KMOX	Saint Louis MO; sports tlk "on KMOX 11-20 AM"	F	0740	10/12	Rha
1120	KMOX	St Louis MO; "America's Sport Voice here on KMOX"	vG	0038	16/12	SW
1120	KMOX	Saint Louis MO; "CBS Radio"	243	0953	16/12	MvA
1130	KWKH	Shreveport LA; "KWKH" IDs at toth	W	0800	9/12	PC
1130	WDFN	Detroit MI; "If you've got an i-Phone or i-Pod touch, you can tune into to Sean Baligian, Ermanni Middays, Shep and Sharp and the rest of 11-30 AM Detroit Sports Talk on i-heart radio" over WBBR; <b>personal first</b>	F	2200	25/12	AB
1130	KFAN	Minneapolis MN; ESPN "AM 11-30 KFAN ... The Fan"	W/F	0900	7/12	PC
1130	KFAN	Minneapolis MN; "AM 11-30 KFAN" ESPN Radio "The Fan"; basketball, under WBBR	W/F	0744	10/12	Rha
1130	KFAN	Minneapolis MN; "ESPN Radio" & "KFAN" heard mixing WBBR; also F 0700 6/11	F	0800	11/12	JF
1130	KFAN	Minneapolis MN; sports reporter giving ESPN e- mail address	333	0916	24/12	MvA
1130	WBBR	New York NY; "Bloomberg news" ID news chat	G	0720	20/11	MTD
1130	WBBR	New York NY; YL "Bloomberg 11-3-0"	G	2300	9/12	JW
1130	WBBR	New York NY; "Bloomberg talk get real" with business	F	0737	13/12	Rha
1130	CKWX	Vancouver BC; weak signal "News and information station, this is CKWX 11-30 Vancouver, a division of Rogers Communications. News 11-30 time one o'clock"	W	0900	12/12	AB
1134	JOQR	NCB Tokyo (tentative); TS like the NHK one, 3 low, one long high pips, then possible "NCB ...", QRM from co-channel Spain	W/F	1500	15/12	mah
1134		KBS Hwaseong; "KBS Hanminjok (kelu?) bangsong-inmida ..." ID, TS, another "KBS" ID	F	1500	13/12	mah
1140	WQBA	Miami FL; "La Voz de Miami. This is WQBA 11-40 Miami" & SS current affairs	W/F	0800	27/11	BD
1140	CHRB	Calgary AB (presumed); People's Gospel Hour giving Canadian mailing address	Fpk	0843	7/12	SW
1140	CHRB	High River AB (pres); religious talk	W/F	0805	12/12	PC
1140	CHRB	High River AB; Christian style country music & "Southern Alberta's community radio station AM 11-40"	F/G	0805	12/12	BD
1140	CHRB	High River AB; Christmas music (Bing!), "Southern Alberta's community radio station, AM 11-40"	F	0806	20/12	AB
1140	CHRB	High River AB; Xmas song	242	0930	20/12	MvA
1140	CBI	Sydney NS; info on tropical diseases and holidays	433	0630	23/12	MvA
1150	WHBY	Kimberly WI; "... news comes first, News Talk 11-50 WHBY ..." & CBS News	W	0700	4/12	BD
1150	WHBY	Kimberly WI; ads, ID, news	vGpk	0127	16/12	SW
1150	WHBY	Kimberly WI; "1150 WHBY" ID, Coast to Coast prog with George Noory	G	0930	26/12	MTD
1150	CKFR	Kelowna BC; OM "News, talk, sport AM 9-50 and 11-50 is CKFR on 11-50 AM in Kelowna", followed by YL "You're listening to an Astral Media Radio station"; <b>personal first</b>	Fpk	1200	15/12	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>
1160	<b>WPIE</b>	<b>Trumansburg NY</b> ; ESPN “WPIE Trumansburg” in bad 1152 splatter. Daytime power? <b>Personal first</b>	W	0900	27/11	PC
1160	KSL	Salt Lake City UT; weather forecast, “... Bennett KSL news radio” & “KSL FM Midvale, KSL Salt Lake City ...”	W/F	0732	9/12	BD
1160	KSL	Salt Lake City UT; “Visit KSL.com today for your chance to win great prizes”	F/G	0759	9/12	AB
1160	KSL	Salt Lake City UT; “KSL News Radio 102.7 FM and 11-60 AM”	W/F	0800	9/12	PC
1160	KSL	Salt Lake City UT; KSL IDs at the top of the hour “Newsradio 11-60 KSL”, etc. Dominant over WYLL. ABC News; also weak 0600, W 0900 20/11	F	0900	9/12	JF
1160	KSL	Salt Lake City UT; toth ID over WYLL; fade allowed a perfect ID on both; also good BYU basketball at 0500	F	0900	13/12	PL
1170	KJNP	North Pole AK; “The time in North Pole is 12 o’clock. North Pole has 16 degrees, Fairbanks 15 degrees ... You’re tuned to 1-1-7-0 your gospel radio. KJNP North Pole Alaska”; <b>best ever reception!</b>	G	0900	7/12	mah
1180	<b>KERN</b>	<b>Wasco-Greenacres CA</b> ; “Kern Radio KERN Greenacres Wasco Bakersfield your exclusive home for Fox News Radio”, “KERN” jingle, and Fox News Radio; <b>personal first</b>	F/G	1100	19/12	mah
1180	<b>KYES</b>	<b>Rockville MN</b> ; poor/difficult ID “... tower ridge amidst the beautiful rolling plains of ... prairie township. ... KYES AM 11-80 Rockville ...”, and “This is Relevant Radio”; under/equal WHAM; <b>personal first</b>	Fpks	0759	7/12	mah
1180	WHAM	Rochester NY; interview on planet Mars	232	0750	24/12	MvA
1180	CM--	R Rebelde, 2 sites listed; SS info and ID	332	0720	26/11	MDe
1180	CM--	Radio Rebelde, various sites; SS // 5025 kHz	232	0742	24/12	MvA
1190	WOWO	Fort Wayne IN; “Join me right after Pat White tonight at six, right here on Newstalk 11-90 Wowo” – early reception.	F	2200	16/12	AB
1190	WOWO	Ft Wayne IN; Port Huron vs Ft Wayne hockey // WOWO webstream (but game not listed in WOWO schedule)	G	0128	10.12	SW
1190	WLIB	New York NY; gospel songs & “11-90 WLIB New York.”	W	0757	9/12	BD
1190	CFSL	Weyburn SK; “From dusk till dawn the most country music played in (?) ... AM 11-90”	F	0900	16/12	PC
1200	WRTO	Chicago IL (tentative); SS tlk, difficult EE ID “This is WRTO Radio Chicago ...”; tnx AB for commenting on the clip, which is probably too indistinct to be sure of the ID	Fpk	1100	26/12	mah
1200	WKOX	Newton MA (presumed); lively Latin music	G	2305	25/11	JW
1200	WKOX	Newton MA; "la rumba" rhythm & música	F	0642	10/12	Rha
1200	KFNW	Fargo ND; “AM 12-hundred KFNW-AM, West Fargo, Fargo-Moorhead, a ministry of North Western College”	W	0900	12/12	PC
1200	KFNW	West Fargo ND; “Faith 1200 KFNW AM, West Fargo, Fargo/Moorhead, a radio ? ministry of Mid Western College”	W	0600	13/12	AB
1200	CJRJ	Vancouver BC; Indian mx, EE ID “... can happen any time, only on RJ 12 hundred”	Fpks	1101	4/12	mah
1200	CFGO	Ottawa ON (presumed); plenty of sports talk heard. (Still not heard an ID from them!)	W	2324	9/12	JW
1200	CFGO	Ottawa ON; sports, basketball	F	0545	10/12	Rha
1200	ZYK520	R Cultura, São Paulo SP; OM talks about São Paulo; splatter but fair	322	2307	2/12	MDe

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1205.97		Yanbian RGD, Yanji, Jilin, China; traces of male Chinese talk	Wpks	1452	6/12	Rha
1210	WPHT	Philadelphia PA; WPHT ... Philadelphia. Big Talker"	W	2300	10/12	PC
1220	CJRB	Boissevain MB; "This is CJRB News"; in 1215 kHz splatter	P/Fpks	1200	13/12	mah
1230	<b>WSOO</b>	<b>Sault Ste Marie MI</b> ; "WSOO Sault Ste Marie's sports leader"	W/F	1000	23/12	PC
1230	WCMC	Wildwood NJ; "WCMC 12-30 AM Wildwood"	W	2300	9/12	PC
1230	<b>WECK</b>	<b>Cheektowaga NY</b> ; "This is the station that everybody loves to (take away?), 12-30 WECK, (Cheektowaga?), Buffalo"	W/F	0500	18/12	PC
1230	<b>WHUC</b>	<b>Hudson NY</b> ; "12-30 WHUC" heard in mix	W	2200	14/12	PC
1230	KKEE	Astoria OR; "Talk Alternative for the .. truth ... radio KKEE Astoria Warrenton"	W	1200	19/12	mah
1230	CFFB	Iqaluit NU; EE px, with Inuit frequency ann "CBC ... 107.1 FM ..." inserted at 2259	F	2259	13/12	mah
1230	XETVH	La Morena, Villahermosa, Tabasco; OM talk with XETVH ID then Tabasco and La Morena; thanks to Henrik Klemetz for ID; <b>UK First?</b>		0728	30/11	DH
1230	UNID	CBC Radio One news jingle on the hour; presume CFGN but others on channel	W	0500	7/11	JF
1240	<b>WRTA</b>	<b>Altoona PA</b> ; "Newstalk 12-40 WRTA Altoona"; <b>personal first</b>	W	0900	16/12	PC
1240	<b>KGY</b>	<b>Olympia WA</b> ; difficult ID " ... 1922, AM 12-40 KGY Olympia Tacoma", then ABC News; briefly out of the noise; <b>personal first</b>	W/Ppk	1200	19/12	mah
1240	CKIM	Baie Verte NL; VOXM IDs (unusual time)	F	1000	16/12	PC
1242		IRIB Zanjan, Iran; Farsi male talks	343	1450	15/12	MvA
1242	JOLF	NBS Tokyo (tentative); JJ tlk etc; mixing with the Euros	Fpks	1300	13/12	mah
1242	<b>JOLF</b>	<b>NBS Nippon Hoso, Tokyo</b> ; JJ fem anns; <b>personal first</b>	242/3	1456	13/12	MvA
1250	WEAE	Pittsburgh PA; Very weak. Quite a struggle to hear but "WEAEW Pittsburgh" noted in the mix		0500	6/11	JF
1250	WSSP	Milwaukee WI; "Sports Radio 12-50 WSSP"	W	0900	14/12	PC
1250	WSSP	Milwaukee WI; "Sports Radio 12-50 WSSP Milwaukee", Fox Sports News	F/G	1100	26/12	mah
1250	CHSM	Steinbach MB; classical mx, heard in a mix of stations	322	0658	14/11	MDe
1250	CHSM	Steinbach MB; usual classical music // 950 kHz	W/F	0827	7/12	BD
1250	CHSM	Steinbach MB; after classical music, advert break and then "This is AM 12-50" ID; also F 0700 7/11	F	0500	10/12	JF
1250	CHSM	Steinbach MB; "AM 12-50 a Golden West radio station	F	2359	11/12	PC
1250	CHSM	Steinbach MB; "This is AM 12-50 radio, South Eastern Manitoba's local news radio"	W	2338	12/12	VC
1250	CHSM	Steinbach MB; weather forecast, very cold! Good peaks	G	0300	13/12	PL
1251		Henan RGD, Henan, China; this is the UNID reported last month;, late pips // 657; <b>personal first</b>	111	1400	18/11	JF/TB
1251		R Mayak, 3 possible sites; IS deep in pile up	111	1630	18/11	JF/TB
1251		R Yunost, Izhevsk, Russia; extremely poor pips deep in pile up; <b>personal first</b>	111	1630	18/11	JF/TB
1260	WPNW	Zeeland MI; "Merry Christmas from the news and talk of West Michigan. 12-60 The Pledge"	F	1000	18/12	PC
1260	WPNW	Zeeland MI; ad for Hansen Collision "call 877 6 HANSEN or hansencollision.com", a west Michigan company, then more ads, wx; 1106 "This is meteorologist ... for AM 12-60 The Pledge"	Gpks	1104	26/12	mah



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1260	WNSS	Syracuse NY; "...on WNSS Syracuse. All sports all the time"	W	0000	12/12	PC
1260	WNSS	Syracuse NY; "WNSS Syracuse – all sports, all the time. ESPNF Radio 12-60 and espnradio1260.com"	ESP	0900	18/12	mah
1260	<b>WRIE</b>	<b>Erie PA</b> ; "This is WRIE Erie. The Score. Now on the web at am1260thescore.com"	W	1000	22/12	PC
1269		CRI, Xuanwei, Yunnan, China; clear IS behind Germany	W/F	1600	13/12	PL
1270	WRLZ	Eatonville FL; SS soft pops, "WRLZ Eatonville Orlando" & programme ID resolved by Henrik Klemetz as "Cruzada de Luis Palau is on their regular sked at 3 am EST"; thanks again OM	W/F	0800	10/12	BD
1270	WMKT	Charlevoix MI; "It's 4 o'clock at 12-70 AM WMKT Charlevoix, Traverse City and (?)"	F	0900	14/12	PC
1270	WMKT	Charlevoix MI; very difficult in spatter "12-70 AM WMKT Charlevoix Traverse City" then another station I couldn't work out	W	2200	25/12	AB
1270	WMKT	Charlevoix MI; poor/difficult ID "... at 12-70 AM WMKT Charlevoix ... 92.1 W221BQ ...." and Fox News Radio; <b>personal first</b>	P/Fpks	1000	26/12	mah
1270	WXYT	Detroit MI; Sporting New Flash jingle and sports news	F	0700	15/11	JF
1270	WTSN	Dover NH; "WTSN AM 12-70 Dover, Rochester and Southern Maine, online at wtsnam1270.com" then ABC news; <b>personal first.</b>	W	0700	23/11	AB
1270	KNWC	Sioux Falls SD; "AM 12-70 KNWC Sioux Falls, a ministry of North Western College"	W	0800	9/12	PC
1270	KNWC	Sioux Fall SD; only glimpsed with "Faith 12-70 AM KNWC Sioux Falls ... a ministry of Northwestern College."; thanks to Paul Crankshaw for the heads up	W	0800	9/12	BD
1270	CJCB	Sydney NS; "Classic Country 12-70 CJCB"	W	2202	25/12	AB
1270	CJCB	Sydney NS; weather forecast, "cjcbadio.com" & country music	W/F	0804	27/12	BD
1278		IRIB Kermanshah, Iran; local music	333	1531	12/12	MvA
1278	<b>JOFR</b>	<b>RKB Fukuoka</b> ; JJ tlk, TS and clear "RKB Radio" ID; <b>personal first</b>	Gpk	1300	15/12	mah
1280	<b>WGBF</b>	<b>Evansville IN</b> ; C2C AM, "This is your only one stop shop for radio, news talk WGBF AM 12-80" & Fox News; <b>personal first</b>	W	0756	25/12	BD
1280	WFAU	Gardiner ME; network ID including WFAU Gardiner & Fox sports talk	W	0800	23/12	BD
1280	<b>WWTC</b>	<b>Minneapolis MN</b> ; "AM 12-80 The Patriot. Intelligent radio"	W/F	0500	10/12	PC
1280	<b>WHTK</b>	<b>Rochester NY</b> ; "The greatest names in sports talk ... 12-80 WHTK Rochester, and 107-3 WHTK-FM South Bristol. Rochester's sports talk", then Fox Sports News; <b>personal first</b>	F	1000	18/12	mah
1280	WNAM	Neenah WI; "You're tuned to Wisconsin's Life-style Leader, AM 12-80 WNAM Neenah Menasha, Fox Cities. A Cumulus station"	W/F	1000	4/12	PC
1280	WNAM	Neenah WI; ID and into news	F/G	0500	13/12	PL
1280	WNAM	Neenah-Menasha WI; nostalgia & "... this Wednesday on America's best music WNAM"	W	0931	24/12	BD
1280	VS2	Hamilton, Bermuda; "This is BBN"	W/F	2200	25/11	PC
1287	JOHR	HBC Sapporo; JJ tlk, several "HBC Radio" IDs noted	Fpks	1300	15/12	mah
1287.03		R Yunost, Yazykovo, Russia; techno, pips on half hour // 153 kHz, truly horrible tx (but not as bad as 891) alone on channel	253	1330	18/11	JF/TB

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1290	WJNO	West Palm Beach FL; "This is 12-90 WJNO, radio for ...?..., right now it's 11 o'clock in South Florida"	F	0400	15/12	JF
1290	KKAR	Omaha NE; "... only on Newstalk 12-90 K-Kar, KKAR ..." heard in the pile-up	W	0500	10/12	JF
1290	KKAR	Omaha NE; "Only on Newstalk 12-90 K-KAR, KKAR, Omaha" then ABC News	W	0600	23/12	AB
1290	WKBK	Keene NH; "This is Keene's news station, AM 12-90 WKBK Keene".	F	2200	25/12	AB
1290	WRNI	Providence RI; Magazine, "This is WRNI 102.7 Narragansett Pier" & 5 o'clock TC	W	2157	17/12	BD
1290	WMCS	Greenfield WI; "WMCS, the Talk of the Town, Greenfield, Milwaukee"	W	0600	10/12	PC
1290	WMCS	Greenfield WI; "Celebrating 30 years of broadcast excellence AM 12-90 WMCS, the Talk of the Town, Greenfield Milwaukee"	F	1100	26/12	mah
1290	CFRW	Winnipeg MB; "You're listening to CFRW" with oldies	322	0710	14/11	MDe
1290	CFRW	Winnipeg MB; oldies & "CFRW"	W	0829	7/12	BD
1290	CFRW	Winnipeg MB; oldies // web stream; also F 0700 6/11	F	0500	9/12	JF
1290	CFRW	Winnipeg MB; "You're listening to CFRW, a Chum radio station"	F	0000	12/12	PC
1290	CFRW	Winnipeg MB; "you are listening to CFRW Winnipeg, a CHUM radio station"	F	2359	12/12	VC
1290	CFRW	Winnipeg MB; "you're listening to 12-90 CFRW Winnipeg, a CHUM radio station", then The Doors 'Hello I Love You'	G	0000	13/12	AB
1290	CFRW	Winnipeg MB; oldies, anns, // webstream	232	0033	13/12	MvA
1290	CFRW	Winnipeg MB; oldies songs // CFRW webstream	G	0102	13/12	SW
1290	CFRW	Winnipeg MB; oldie song "sugar ... honey ,honey" xf talk station	W/Fpks	0712	13/12	Rha
1290	CFRW	Winnipeg MB; "Carol" by Chuck Berry matching their website	F/G	0844	13/12	PL
1290	XEDA	R Trece, México DF; about the revolution in Mexico; after the news ID "Trece"; good	332	0706	21/11	MDe
1290	XEDA	Radio Trece DF; news, OM with "XEDA 12-90 AM" & YL with "Radio Trece"	W/F	0801	30/11	BD
1300	KGLO	Mason City IA; "3 o'clock in the morning on AM 13-hundred KGLO"	W	0900	7/12	PC
1300	<b>KGLO</b>	<b>Mason City IA; "on AM 1300 KGLO" then CBS News; personal first</b>	W	1000	24/12	AB
1300	WOOD	Grand Rapids MI; "13 hundred WOOD Grand Rapids" & Fox News	W	0800	4/12	BD
1300	WOOD	Grand Rapids MI; "Newsradio 13 Hundred WOOD Grand Rapids ... "	F	0400	9/12	JF
1300	WOOD	Grand Rapids MI; both ID and into Fox News	G	0500	13/12	PL
1300	WOOD	Grand Rapids MI; "WOOD 1300" ID and "wood radio.com	G	1000	26/12	MTD
1300	WGDJ	Rensselaer NY; "WGDJ we've turned the power up, the most local talk, and now double the power - Capital Region's Talk 13 hundred"; xf WXRL	Gpk	0900	18/12	mah
1300	WJMO	Cleveland OH; "non stop inspirational music" "inspiration station, The New Praise 1300 AM"	F	0101	13/12	VC
1310	WLOB	Portland ME; "Newstalk for greater Portland and southern Maine"	F	0300	13/12	PL

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1310	WDTW	Dearborn MI; "This is Detroit's Progressive Talk 13-10 WDTW Dearborn Detroit CNN News is next"	Fpk	1000	18/12	mah
1310	KNOX	Grand Forks ND; "Employee owned and operated this is Talk Radio 13-10 KNOX Grand Forks"	W	0800	6/12	PC
1310	KNOX	Grand Forks ND; ID, time check and into ABC News	F/G	0900	13/12	PL
1310	<b>KNOX</b>	<b>Grand Forks ND</b> ; "Employee owned and operated this is Talk Radio 13-10 KNOX Grand Forks"; <b>personal first</b> on a difficult channel due to Magic 1305	W	0800	16/12	AB
1310	WIBA	Madison WI; "This is your home for the (?) talk show, News talk 13-10 WIBA Madison"	W/F	0800	10/12	PC
1310	WIBA	Madison WI; "News Talk 13-10 WIBA Madison"	F	1100	26/12	mah
1310	CIWW	Ottawa ON; logged only because it took some tracking down! Mention of "Classic comedy 13-10", then a phone number which was not clear but turned out to be 613-750 1310, and mention of a lottery with phone number 613-722-5437	F	2100	29/11	AB
1310	CIWW	Ottawa ON; "CIWW AM 13-10, a service of Rogers Communications. Oldies 13-10"	W	2300	9/12	PC
1310	CIWW	Ottawa ON; true oldies	W/Fpks	0708	13/12	Rha
1314	JOUF	OBC Osaka; JJ tlk, mx, jingle and spoken "Radio Osaka" ID just before time pips; in and out of the noise	Wpks	1300	15/12	mah
1320	<b>WILS</b>	<b>Lansing MI</b> ; "13-20 WILS Lansing" was all that could be discerned behind Voice of Russia; <b>personal first</b>	W	0700	23/11	AB
1320	WILS	Lansing MI; "13-20 WILS Lansing" then Fox News	W	0800	13/12	PC
1320	<b>WILS</b>	<b>Lansing MI</b> ; ID heard weakly in 1323 splatter - tricky; <b>personal first</b>	W	0800	13/12	JF
1320	WILS	Lansing MI; Fox News Radio noted in the 1323 kHz splatter, then ID "... on More Compelling Talk Radio 13-20 WILS	Fpks	1100	26/12	mah
1320	<b>KOZY</b>	<b>Grand Rapids MN</b> ; promo for "Minnesota Wild" (ice hockey) and Minnesota Wild Radio Network and mention of "KOZY"	W	0900	16/12	PC
1320	<b>KXRO</b>	<b>Aberdeen WA</b> ; "... Coast to Coast AM is KXRO Aberdeen"; brief peak, xd CHMB and in 1323 kHz splatter; <b>personal first</b>	Fpk	1100	6/12	mah
1320	CHMB	Vancouver BC; "You're listening to CHMB 13-20 AM Vancouver" followed by "This is China Radio International"	W	0900	13/12	PC
1320	CHMB	Vancouver BC; CC px, EE ID "You're listening to CHMB AM 13-20 Vancouver"	F/G	0600	15/12	mah
1320	CJMR	Mississauga ON; "You're listening to CJMR 13-20 the Voice of the City"	F	0500	10/12	SW
1320	CJMR	Mississauga ON; religious popular song, "Joy 12-50" & the official ID "The Voice of the City"	W	0706	13/12	Rha
1330	WRCA	Watertown MA; oldies & the music of the mountains	322	0653	14/11	MDe
1330	WLOL	Minneapolis MN; "Relevant Radio 13-30 WLOL Minneapolis St Paul. Relevant Radio for the Twin Cities. It's 6 o'clock"	W/F	0000	12/12	PC
1330	WLOL	Minneapolis MN; "Live from the Twin(?) Cities. This is WLOL Minneapolis St. Paul Relevant Radio 13-30. It's 3 o'clock."	W/F	0900	24/12	JF
1330	WLOL	Minneapolis MN; "WLOL Minneapolis Saint Paul Relevant Radio 13-30. It's 2 o'clock." & Relevant Radio news. (Last heard & QSLed as WMNN in Sheigra)	W	0900	24/12	BD
1330	WLOL	Minneapolis MN; "Bridging the gap between faith and everyday life, this is Relevant Radio 13-30 WLOL Minneapolis Saint Paul. Relevant Radio for the Twin Cities, it's four o'clock"	W	1000	24/12	AB

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1330	<b>WHBL</b>	<b>Sheboygan WI</b> ; “WHBL Sheboygan, a service of Midwest Communications”	W	2300	9/12	PC
1340	<b>WJRW</b>	<b>Grand Rapids MI</b> ; tentative ID at 1100, then ABC News; ID at 1104 “You are listening to WJRW Grand Rapids, brought to you by ...”; <b>personal first</b>	W	1104	26/12	mah
1340	<b>KWLE</b>	<b>Anacortes WA</b> ; “... The Whale AM 13-40 KWLE (Anacortes?)” and whale whistle, then wx, followed by “... and weather conditions are available on our website 1340thewhale.com”; xf presumed CFYK; <b>personal first</b>	Wpk	1202	15/12	mah
1340	CFYK	Yellowknife NT; EE/VV community anns, “CBC North Radio” job advert, CBC News at toth; xf UNID country music station	F	1300	15/12	mah
1350	JOER	RCC Hiroshima; JJ tlk, jingle sounding like “Su Radio RCC” an spoken “RCC Radio” in the 30 secs before the TS	Gpks	1300	15/12	mah
1350	KTIK	Nampa ID; “The sports station 13-50 KTIK Nampa ...”, ESPN Radio	W	0800	10/12	mah
1350	<b>WCMP</b>	<b>Pine City MN</b> ; “America’s best music on AM 13-50 WCMP”; xf WOYK; <b>personal first</b>	Fpks	1106	26/12	mah
1350	CKAD	Middleton NS; news referring to Nova Scotia and Halifax	W/F	2100	24/11	PC
1360	WTAQ	Green Bay WI; “Your information station WTAQ”	322	0706	22/11	MDe
1360	WTAQ	Green Bay WI; “WTAQ News Radio 13-60”	W/F	0700	10/12	PC
1360	WTAQ	Green Bay WI; “The Jerry Bader Show, weekday mornings at 8:30 News Radio 13-60 WTAQ”	F	0700	23/12	mah
1360	WTAQ	Green Bay WI; “News Radio 13-60 WTAQ, Green Bay”	W	1000	24/12	AB
1370	WDEA	Ellsworth ME; CBS News and oldies - Abba	322	0707	14/11	MDe
1370	WXXI	Rochester NY (pres); BBC World Service	F	0900	12/12	PC
1370	CFOK	Westlock AB; “This is 13-70 CFOK Westlock”	Fpks	1100	5/12	mah
1380	WTJK	South Beloit IL; “ESPN Radio 13-80 WTKJ South Beloit Rockford”	F	1100	26/12	mah
1380	KLIZ	Brainerd MN; poor ID “... KLIZ AM Brainerd Baxter”; also W/P 1000 26/12; <b>personal first</b>	W	0800	7/12	mah
1380	KLIZ	Brainerd MN; “Sports talk radio for the Brainerd Lakes. 13-80 KLIZ Brainerd Baxter”	W/F	0900	9/12	PC
1380	KLIZ	Brainerd MN; weak but clear enough for “KLIZ-AM Brainerd-Baxter”	W	1000	26/12	AB
1380	<b>WNRI</b>	<b>Woonsocket RI</b> ; “Cloudy, windy and colder down to 14°; Thursday – sunny, windy and even colder with a high of only 22°. I’m Arthur Carodet for WNRI weather. For weather conditions any time log on to WNRI.com click on Arthur Carodet’s weather and see first hand up-to-the-minute local weather conditions”; <b>daytimer</b> , 2.5kW days but due to go to night time power of 18W 45 minutes before my recording; <b>personal first</b>	W	2200	16/12	AB
1380	KOTA	Rapid City SD; “Black Hills News Talk leader. It’s 4o’clock onFpk KOTA Rapid City”		0900	7/12	mah
1380	KOTA	Rapid City SD; “This is KOTA Rapid City, it’s eleven o’clock” then CBS news	W	0600	13/12	AB
1380	KOTA	Rapid City SD; “The Black Hills information superstation – AM 13-80 KOTA Rapid City”	W/F	1000	16/12	PC
1380	WSYB	Rutland VT; “WSY (splatter) and wsyb1380am.com”	W/F	2100	24/11	PC

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1380	WOTE	Clintonville WI; "WOTE Clintonville (2 <sup>nd</sup> location?), the home for Clintonville's (?)"	W	0600	10/12	PC
1380	XECO	Romántica 13-80 DF; YL with "Romántica" & discos romanticos	W/F	0742	30/11	BD
1380	YVMD	Maracaibo; "Por Venezuela, Mara Ritmo 900" ****Really on 1380???	F	0800	13/12	PC
1386	<b>JOJB</b>	<b>NHK2 Kanazawa</b> ; clear JJ ID "JOJB NHK Kanazawa Daini Hosu desu", then EE LL // 747, 774 kHz; <b>personal first</b>	W/F	1320	15/12	mah
1390	WEGP	Presque Isle ME; OM ID "News Talk 13-90 AM"	F	2259	25/11	JW
1390	KWOD	Salem OR (presumed); "ESPN Deportes Radio Sports Centre" heard after KJOX ID	Wpks	1200	15/12	mah
1390	KJOX	Yakima WA; "KJOX Yakima, the Yakima Valley's sports authority. Yakima's ESPN Radio 13-90 KJOX Yakima"	Wpk	1400	8/12	mah
1390	WRIG	Schofield WI; "This is WRIG Schofield Wausau, a service of Midwest Communications" in the clear	F	0700	6/11	JF
1390	WRIG	Schofield WI; "This is Fox Sport 13-90 WRIG Schofield-Wausau a service of Mid West Communications"	F	0900	14/12	PC
1390	WRIG	Schofield WI; Fox sports talk & "Fox Sports 13-90 WRIG Schofield Wausau, a service of Mid West Communications"	W	0958	22/12	BD
1390	WRIG	Schofield WI; "This is WRIG Schofield-Wausau, a service of Midwest Communications"	W	0600	23/12	AB
1395		Anhui RGD, probably the 50kw outlet from Hefei, China; ID on toth and mentions of Anhui	F/G	1600	12/11	PL
1400	<b>WKNW</b>	<b>Sault Ste Marie MI</b> ; "...news talk radio on..(?)..WKNW Sault Sainte Marie"; <b>personal first</b>	W/F	1000	26/12	PC
1400	<b>WSLB</b>	<b>Ogdensburg NY</b> ; "All sports, all night, ESPN Radio 1400 WSLB Ogdensburg, Potsdam, Canton"; <b>personal first</b>	W	0700	23/11	AB
1400		Harbour Light of the Windwards, Carriacou, Grenada; "Broadcasting on AM 1400, 94.5 and 92.3 it's 7 o'clock. World service news"	F	2302	25/11	JW
1400		Harbour Light, Carriacou; "This is the Harbour Light of the Windwards in Carriacou, Grenada, broadcasting on AM 14-hundred and FM 94.5 and 92.3, It's 7 o'clock"	F	2300	26/11	PC
1400	HJKM	Emisora Mariana de Bogotá; instrumental mx; ID as "Emisora" in SS; fair	322	0724	29/11	MDe
1400	UNID	"This is Immaculate Heart Radio", but no call heard – probably KIH	Wpk	1200	15/12	mah
1410	<b>WING</b>	<b>Dayton OH</b> ; "14-10 AM WING Dayton's home for the serious sports fan. NCAA, NBA, the Buckeyes. 14-10 ESPN Radio"; <b>personal first</b>	W/F	2200	13/12	mah
1410	CFTE	Vancouver BC; "This is CFTE Vancouver Team 14-10 CFTE Vancouver" and ESPN Radio Sports Centre; first time noted with new call	F/G	1100	4/12	mah
1410	CFTE	Vancouver BC; ESPN "Team 14-10" ID	W	0900	7/12	PC
1410	<b>CKSL</b>	<b>London ON</b> ; "Good times, great oldies, Oldies 14-10 ... online while you work oldies1410.com"; <b>personal first</b>	F	1001	18/12	mah
1413.01	JOIF	KBC Fukuoka; JJ talk at talk show programme; before the top of hour gong bells & ID "KBC"	W/F	1500	6/12	Rha



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1413	<b>JOIF</b>	<b>KBC Fukuoka</b> ; JJ anns, YL ID “KBC Radio Kyushu Asahi Hosu”; TS, then EE ID “... radio programmes KBC Radio ...”; mixing with Euros; <b>personal first</b>	Fpks	1300	15/12	mah
1420	<b>KKEA</b>	<b>Honolulu HI</b> ; fair level for ESPN Radio programming when I tuned in; poor for toth ID, I think “ESPN ... KKEA Honolulu ESPN 14-20” and into ESPN Radio Sports Centre, then long fade into the noise; tnx AB for confirming; <b>personal first</b> ; also noted on several other occasions this month	P/Fpks	1500	15/12	mah
1420	WOC	Davenport IA; “News Talk 14-20 WOC Davenport quad cities” & Fox News	W	0800	9/12	BD
1420	WBEC	Pittsfield MA; “AM14-20 WBEC Pittsfield” heard at TOH.	W	0900	25/11	AB
1420	WBEC	Pittsfield MA; “AM 14-20 WBEC Pittsfield”	W	0900	27/11	PC
1420	KTOE	Mankato MN; ABC News “..information leader, 14-20 KTOE” then return to C2C	W	0806	13/12	PC
1420	WHK	Cleveland OH; WHK letters heard at toth	W	0700	15/11	JF
1430	<b>KEZW</b>	<b>Aurora CO</b> ; “The holidays are (at our house?), AM 14-30 KEZW Aurora, Denver	F	0803	9/12	PC
1430	WNSW	Newark NJ; “14-30 AM WNSW Newark, New York City and 14-40 AM WNYT Babylon New York”	W/F	0800	23/11	PC
1430	KLO	Ogden UT; “14-30 KLO ... CBS for the Mountain West”	W	0800	9/12	PC
1430	KLO	Ogden UT; “World class talk, 14-30 KLO ??? Salt Lake City, CBS for the mountain west”	Gpks	0800	9/12	mah
1430	KLO	Ogden UT; glimpsed with “14-30 KLO Ogden Salt Lake City”, “CBS for the mountain west”; CBS News not the listed USA news	W	0900	22/12	BD
1430	<b>KLO</b>	<b>Ogden UT</b> ; “14-30 KLO, Ogden, Salt Lake City. CBS for the Mountain West”; <b>personal first</b>	W	1000	22/12	AB
1430	KBRC	Mount Vernon WA; “KBRC Mount Vernon AM 14-30 and FM 102.1”, ABC News	Gpk	1400	15/12	mah
1430	KCLK	Asotin WA; “We are ESPN Radio AM 14-30 The Sports Fan KCLK Asotin Lewiston Clarkston”, and ESPN Radio Sports Centre	F/G	1100	19/12	mah
1430	<b>WBEV</b>	<b>Beaver Dam WI</b> ; “...Show, on Your Hometown Station, 14-30 WBEV Beaver Dam”; <b>personal first</b>	W	0800	10/12	PC
1440	WRED	Westbrook ME; "The Jab sports radio, WJJD FM Gray Portland, WRED Westbrook Portland"	W/F	0107	13/12	VC
1440	<b>WDRJ</b>	<b>Inkster MI</b> ; “Gospel 14-40 WDRJ, Inkster, Detroit”; <b>personal first</b>	W	1000	4/12	PC
1440	WHKZ	Warren OH; “WHKW Cleveland WHKZ Warren, northern Ohio’s Word, a service of Salem Communications”	F/G	1000	18/12	mah
1450	<b>WATZ</b>	<b>Alpena MI</b> ; “You’re listening to News talk sports, AM 14-50 WATZ Alpena”	W	1000	26/12	PC
1450		R El Sol, Capital Federal, Argentina; SS talks by OM; splatter, but nice El Sol ID when 1458 kHz silent	322	0711	5/12	MDe
1460	KXNO	Des Moines IA; “Des Moines’ sports station, 14-60 KXNO”	W	0700	6/11	AB
1460	KXNO	Des Moines IA; “14-60 the play-off(?) station” and then “14-60 W KXNO”	W	0800	24/11	PC
1460	WDDY	Albany NY; Radio Disney. “This is WDDY and WDDY HD1 Albany”	F	0500	18/12	PC

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1460	KLTC	Dickinson ND (tentative);		0900	13/12	PL
1460	<b>KUTI</b>	<b>Yakima WA</b> ; "14-60 KUTI Yakima, online at 1460kuti.com" and CBS News; <b>personal first</b>	W/F	1100	4/12	mah
1460	CJOY	Guelph ON; "The Royal's City's greatest hits" then sung "CJOY" jingle	F	0226	12/11	JF
1470	WWNN	Pompano Beach FL; "only on WNN, South Florida's all new health and wealth station" – not heard for a while	W	2200	26/11	AB
1470	WMBD	Peoria IL; C2C AM, "Peoria's news and talk station 14-70 WMBD Peoria ..." & Fox News	W	0756	25/12	BD
1470	WMBD	Peoria IL; "AM 14-70 WMBD Peoria"	F/G	0800	25/12	AB
1470	WMBD	Peoria IL; "14-70 WMBD Peoria"	W/F	0800	25/12	PC
1470	WLAM	Lewiston ME; oldies, "WLAM Lewiston Auburn, WLVP Gorham Portland, 8-70 and 14-70." & CNN News	W	0400	29/11	BD
1470	WLAM	Lewiston ME; "oldies channel" ann	242	0855	20/12	MvA
1470	KMNQ	Brooklyn Park MN; "14-70 participamos al gran concierto transmitido desde El Nuevo Rodeo en su sexto aniversario"	F	0054	13/12	VC
1470	WNYY	Ithaca NY; "..Progressive talk 14-70, WNYY Ithaca"	W	2100	27/11	PC
1470	KBSN	Moses Lake WA; "Your first choice for news and information KBSN Moses Lake"; in CJVB fade	Fpk	1100	6/12	mah
1470	WBKV	West Bend WI; "Classic Country WBKV West Bend"	W	0800	4/12	PC
1470	WBKV	West Bend WI; "WBKV West Bend" heard under the oldies of WLAM	W	0700	10/12	JF
1470	CJVB	Vancouver BC; glimpsed with late 3 tone TS & YL with CC tk	W	0700	8/12	BD
1470	CJVB	Vancouver BC; only weak time pips at 0700; F 0800 14/11	W	0700	9/12	JF
1470	CJVB	Vancouver BC; "AM 14-70 CJVB, Fairchild Radio"	W	0900	17/12	PC
1470	XEAI	R Fórmula, México DF; La Fórmula ID in SS	332	0719	29/11	MDe
1470	XEAI	Radio Fórmula DF; MOR discos romanticos & OM with "Fórmula"	F	0758	30/11	BD
1470	XEAI	Radio Fórmula, México DF; SS ID, nx	333	0742	14/12	MvA
1470	XERCN	Tijuana; "XERCN Radio Hispana 14-70.....en Tijuana, Mexico"; mixing with WBKV; <b>personal first</b>	W/F	0800	9/12	PC
1470	XERCN	Tijuana, Baja California; "XERCN Radio Hispana la voz de las Californias ... 50kW en Tijuana" & Hino Nacional; thanks to Paul Crankshaw for the heads up	W/F	0800	9/12	BD
1470	YVSY	Vibración, Carúpano; ID by OM and nice LA music	333	0019	6/12	MDe
1470	YVSY	Radio Vibración, Carúpano;	243	0811	25/12	MvA
1470		CNB 1470 "La Valenciana"; SS ID; <i>I do not recognise CNB 1470 - is this YVJW? I'm also wondering if what you heard as the ID was "Llanerissima" - mah</i>	222	0657	23/12	MvA
1480	WGVU	Kentwood MI; "Real Oldies ...WGVU AM Kentwood and WGVS AM Muskegon, a service of Grand Rapids State University"	W/F	0900	6/12	PC
1480	WHBC	Canton OH; "news talk 14-80 WHBC"	F	1000	15/12	PC
1480	KBMS	Vancouver WA; ads, phone no "503 284 9582", which is a business in Portland OR; ID at 1203 "... here, on 14-80 KBMS"	Wpks	1203	15/12	mah
1480	WLMV	Madison WI; "14-80 AM, La Movida, WLMV"	W/F	2301	4/12	PC
1480	WLMV	Madison WI; "Estamos lo que tu quieres escuchar, La Movida 1480 AM" and fast music	F	0700	25/12	AB

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1490	<b>WBAE</b>	<b>Portland MA</b> ; “AM 1400 and 14-90, WVAE, WVAE-HD Biddeford and WBAE, WBAE-HD Portland, your home of Bob and Tom in the morning”; due to 1486 BBC Humberside, this is a <b>personal first</b>	F	0900	25/11	AB
1490	<b>WLPA</b>	<b>Lancaster PA</b> ; “... Fox Sports Radio, log onto wlpa.com ... on vW your radio and online. We’re your station for sport ... 14-90 WLPA”; <b>personal first</b>		1000	18/12	mah
1490	<b>HJBS</b>	<b>Emisora Punto Cinco, SF de Bogotá</b> ; a little music heard then the ID “En el aire, Emisora Punto Cinco, HJBS, mil cuatrocientos noventa kilociclos, transmitiendo desde Bogotá” – the QTH only became evident by comparison with a web recording made by HK whose assistance is gratefully acknowledged; <b>personal first</b>	F	0602	11/12	AB
1500	<b>KUMU</b>	<b>Honolulu HI</b> ; “Transmitting from the top of the Hilton Hawaiian Village (Beach Resort and Spa?) KUMU AM and FM Honolulu’s (work?) station”, light songs; heard to past 1500; also heard on several other occasions during December	F/G	1203	15/12	mah
1500	WFIF	Milford CT; “you’re tuned to WFIF, Milford. It’s 4 o’ clock”	W/F	2100	26/11	PC
1500	WFED	Washington DC; ID “ On Federal News Radio 1500 AM”	F	0827	24/11	JW
1500	WFED	Washington DC; "Federal News Radio"	W/F	0429	10/12	Rha
1500	WFED	Washington DC; talks on economy	332	0820	22/12	MvA
1500	WLQV	Detroit MI; “This is Life Changing Talk Radio AM 15-hundred WLQV Detroit, a service of Salem Communications”	W	1000	7/12	PC
1500	KSTP	Saint Paul MN; “AM 15-hundred KSTP Saint Paul”	W/F	0700	4/12	PC
1500	KSTP	Saint Paul MN; “This is KSTP AM 1500”; also 23/12	F	0000	13/12	AB
1500	KSTP	Saint Paul MN; ID in Washington silence	W/F	0500	13/12	PL
1500	XEDF	R Fórmula, Cadena R Uno, México DF; most of all talks in SS by XYL and OM; many IDs as Uno and Fórmula	332	0702	21/11	MDe
1500	XEDF	Radio Fórmula DF; SS talk station & OM with “Radio Fórmula”	W	0746	30/11	BD
1510	KCKK	Littleton CO; “Play by Play, the sports voice of Colorado, Mile High Sports Radio 15-10 KCKK Littleton Denver” – hrd often	F	0800	7/12	AB
1510	KCKK	Littleton CO; “from the sports world, around the clock, Denver’s sports station, Mile High Sports ... KCKK Littleton Denver” then “Sporting News Flash” jingle; also W 0700 6/11	G	0400	9/12	JF
1510	KCKK	Littleton CO; “Denver’s sports station, Mile High sports radio 15-10 KCKK Littleton Denver” & Sporting News Radio talk	W/F	0800	9/12	BD
1510	KCKK	Littleton CO; “Altitude Radio Network” full legal ID at 0500; completely dominant signal; also early signal at 2358 on 12/12 with good peak.; also 1021 22/12 with many local ads in break in Sporting News Radio	Exc pks	0248	11/12	SW
1510	KCKK	Littleton CO; “Mile High Sports radio, AM 15-10 KCKK, Littleton, Denver”	F	0000	12/12	PC
1510	KCKK	Littleton CO; "Mile High Sports Radio AM 15-10 KCKK"	G	2358	12/12	VC
1510	KCKK	Littleton CO ; “Mile High Sports Radio”; <b>personal first</b>	232	0022	13/12	MvA
1510	KCKK	Littleton CO; "Mile high sports radio 15-10 KCKK Littleton Denver" then "sporting newsflash" over Boston	F/G	0800	13/12	PL
1510	KCKK	Littleton CO; “Mile High Sports Radio,15-10 KCKK Colorado”	G	1000	13/12	MTD

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1510	WWBC	Cocoa FL; You are listening to WWBC(?), Cocoa, Merritt Island, Melbourne, Titusville, AM 15-10 as well as WT34 ..... Thank you for listening to today's broadcast"	W/F	2200	26/11	PC
1510	WWZN	Boston MA; sports line comments and reports; "the zone" ID	F	0427	10/12	Rha
1510	WWZN	Boston MA; "AM 15-10 Revolution Radio Boston"	F	2338	15/12	JW
1510	WLAC	Nashville TN; "News Radio 15-10 WLAC and WLAC HD2, Nashville's home for (?)"	W/F	2200	24/11	PC
1510	WLAC	Nashville TN; "Nashville's news leader"	Poor	0100	9/12	SW
1510	WRRD	Waukesha WI; SS sports "goooall"; <b>personal first</b>	233	2239	12/12	MvA
1510	WRRD	Waukesha WI (presumed); SS ESPN IDs	W	0600	21/12	PC
1510	WRRD	Waukesha WI (presumed); SS "ESPN Deportes Radio Sports Centre"; under WWZN	Fpks	2300	21/12	mah
1520	WWKB	Buffalo NY; ads "Joey Reynolds continues on a new voice a new choice 15-20 AM"	G	0712	3/12	JW
1520	KOKC	Oklahoma City OK; "News talk 15-20 K-OKC	F	1000	23/12	PC
1521		General Arabic Programme, Duba, Saudi Arabia; talk, music	444	0200	17/12	FW
1530		Voice of America, Pinheira, São Tomé; Yankee Doodle, ID, VOA News; also 222 0300 28/11	222	0259	16/12	FW
1530	KFBK	Sacramento CA; ads, ID "On the 24 hour KFBK traffic watch ..."; xf WCKY	Fpks	1105	4/12	mah
1530	WCKY	Cincinnati OH; "... and you're listening to the Home of the Cincinnati Bengals, 15-30 Homer...Sports Animal" during Celtic Music Radio "technical problems"	F	0800	13/12	PC
1539		CNR1, Kashi, Xinjiang, China; pips YL ID, OM, and interval tune	G	1600	13/12	PL
1539		R Yunost, Sochi, Russia time pips on half hour // 1602, 153 kHz; <b>personal first</b>	222	1530	18/11	JF/TB
1540	<b>KREA</b>	<b>Honolulu HI</b> ; Korean px, local ID "This is KREA Honolulu, 15-40 on your AM dial", and "Radio Seoul" jingle; <b>first local call ID</b>	Gpks	1500	15/12	mah
1540	KXEL	Waterloo IA; "Iowa's news and talk station AM 15-40 KXEL Waterloo Cedar Falls." & ABC News	W	0800	4/12	BD
1540	KXEL	Waterloo IA; UNI live sports	F	0138	13/12	SW
1540	KXEL	Waterloo IA; "Iowa's news and talk station, newstalk 15-40 KXEL Waterloo - Cedar Falls" clear ID over others	G	0800	13/12	PL
1540	KXEL	Waterloo IA; talks, adv, ID	233	0932	13/12	MvA
1540	KXEL	Waterloo IA; clear ID	G	0600	14/12	MTD
1540	KXPA	Bellevue WA; light songs, EE ID "KXPA Bellevue Seattle", SS programming	Fpk	1400	8/12	mah
1540	CHIN	Toronto ON (presumed); "You are listening to CRI"	F	0610	14/12	MTD
1540	CHIN	Toronto ON; Italian px	333	0935	15/12	MvA
1540	CHIN	Toronto ON; YL "This is the voice of Love and Confidence, this is CHIN? Radio AM15-40 and 104 ?l.9" then OM with studio telephone numbers 4168701540 and 1-800 882 8452. Religious programme	G	0901	20/12	JW
1556.97		WYFR Kouhu, Taiwan; questions re God	G	1503	10/12	Rha
1557		WYFR Kouhu, Taiwan; religious talk in US EE through toth	G	1600	13/12	PL
1560	WQEW	New York NY; R Disney songs breaking through the splatter	W/Fpks	0603	10/12	Rha
1560	WQEW	New York NY; Disney pops YL DJ	F	0820	18/12	JW

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1560	<b>KZIZ</b>	<b>Pacific WA</b> ; "It's the best of the Pacific (gospel?) 15-60 KZIZ Pacific Tacoma"; <b>personal first</b>	Wpks	1100	5/12	mah
1570	<b>WNSH</b>	<b>Beverly MA</b> ; "You're listening to WNSH, 15-70 Beverly"; <b>daytimer and personal first.</b>	G	2200	26/11	AB
1570	WNSH	Beverly MA; "WNSH 15-70 Beverly"	W/F	2100	15/12	PC
1570	WFLR	Dundee NY; very difficult copy under Boomer, but "WFLR", "Dundee" and "Finger Lakes" made out	W	0800	23/12	PC
1570	WFLR	Dundee NY; toth ID noted in Boomer fade "... WFLR ... for local news online at fingerlakedaily news.com	Fpk	0800	25/12	mah
1570	WANR	Warren OH; "Fox Sports Radio 15-70 WANR Warren (?),.... a Beacon Media station"; tnx AB; <b>personal first</b>	W/F	0900	25/12	PC
1570	<b>KVTK</b>	<b>Vermillion SD</b> ; "ESPN Sports Center" heard initially and after running recording a few times I made out "KVTK Vermillion"	W	1000	22/12	PC
1570	<b>KVTK</b>	<b>Vermillion SD</b> ; "On AM 15-70 <?> KVTK, Vermillion Yankton" – the missing words would be "The Ticket"; <b>personal first</b>	vW	1000	24/12	AB
1570	CKMW	Winkler MB; jingle "The Heartland's country music. 15-70"	Country F	0802	9/12	PC
1570	CKMW	Winkler MB; C&W, station ID "another hour for Winkler-Morden AM 15-70 CKMW"	W/Fpks	0605	10/12	Rha
1570	CKMW	Winkler MB; "your sports station in southern Manitoba 15-70 CKMW"	W/F	0014	13/12	VC
1570	CKMW	Winkler MB; "The heartland of country music CKMW" then mx	F/G	0425	13/12	PL
1570	CKMW	Winkler MB; music; 0915 ID; <b>personal first</b>	222	0903	13/12	MvA
1570	CKMW	Winkler MB; "Join me, ?, Country 15-70 CKMW"	W	1006	26/12	AB
1570	CFAV	Laval QC; ID Boomer in FF	332	0530	22/11	MDe
1570	CFAV	Laval QC; music px; FF	333	0835	22/12	MvA
1570	CFAV	Laval QC; FF talk and EE music "Never been in Love Before"	F	0803	24/12	JW
1570	XERF	Ciudad Acuña; MOR Mexican songs & YL with "XERF"	W/F	0800	27/11	BD
1570	XERF	La Poderosa, Cd Acuña; SS talks by XYL; ID at 0805 "La Poderosa"	322	0803	5/12	MDe
1570	XERF	La Poderosa, Cd Acuña; SS YL anns on Mexico	222	0917	13/12	MvA
1570	XERF	La Poderosa, Cd Acuña; YL mentioning Poderosa many times	232	0300	16/12	RF
1570	XERF	La Poderosa, Cd Acuña; YL SS ID, mx	232	0800	20/12	MvA
1570	XERF	Ciudad Acuña; Chimes then legal ID as a OM/YL question and answer session! "<Cómo te llamas?> XERF <?> La Poderosa <y donde la puede escuchar?> en el quince setenta en corta modulada <... potencia?> aah! Sintonic .... cien mil watts". The remainder was lost.-	Fpks	1000	26/12	AB
1575		VOA, Ban Rasom, Thailand; Yankee doodle jingle then "Voice of America Washington" from OM with Asian accent; then into presumed Bengali, mixing Farda	F/G	1600	13/12	PL
1575		Radio Farda, Al Dhabbiya, UAE; music, ID	333	0150	11/12	FW
1580	<b>KGAL</b>	<b>Lebanon OR</b> ; "You're listening to News Talk 15-80 KGAL Lebanon Albany ???" and CBS News; <b>personal first</b>	vW	1200	15/12	mah
1590	WVNA	Tuscumbia AL; "the Voice of North Alabama" then ABC News – heard over German DRM	F	0800	25/12	AB
1590	KVGB	Great Bend KS; could just make out the KVGB ID in the pile-up at the toth. Now the second time I have heard this rarity!	W	0700	14/11	JF



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1590	KVGB	Great Bend KS; program trailer "... weekday mornings at 6.55 on KVGB". Mention of "Great Bend" in ad for Mitsubishi dealer	W/F	0900	24/11	PC
1590	KCNN	East Grand Forks MN; "Sports Radio 15-90 KCNN"	W	0900	13/12	PC
1590	XEVOZ	Distrito Federal, México; "Luz 1590 AM XEVOZ AM 1590 ... cincuenta mil watts de potencia ... AM Luz 1590 AM"	W	0801	29/11	AB
1600	<b>KEPN</b>	<b>Lakewood CO</b> ; ESPN "KEPN Lakewood" ID heard.	W	0800	6/12	PC
1600	WUNR	Brookline MA; mixed languages; "this is WUNR"	333	0615	15/11	MDe
1600	WUNR	Brookline MA; SS music program // webstream	333	0635	23/12	MvA
1600	WAAM	Ann Arbor MI; "News 16-hundred WAAM Ann Arbor" mixing with WPHP	W	0800	9/12	PC
1600	WAAM	Ann Arbor MI; "Talk sixteen hundred, WAAM Ann Arbor"	W	0900	12/12	AB
1600	WAAM	Ann Arbor MI; ID mixing others	F	0500	13/12	PL
1600	WAAM	Ann Arbor MI; promo, ending "... right here on Waam, Talk 1600", then "Waam Talk 16 hundred Ann Arbour"	Gpks	0906	18/12	mah
1600	<b>KPNP</b>	<b>Watertown MN (pres)</b> ; Hmong singing mixing with WAAM	F	0800	9/12	PC
1600	<b>WWRL</b>	<b>New York City NY</b> ; "1600 WWRL New York, an Access One Communications Radio Station"; <b>personal first</b>	F/G	0900	25/11	AB
1602		R Yunost, Tyumen, Russia; // 1539, 153, 891 kHz etc 1kw! <b>Pips; personal first</b>	222	1530	18/11	JF/TB
1610		Caribbean Beacon, The Valley, Anguilla; "You are watching the University Network. The full number to call is 1-800-338-3030 (per University Network website)	F	0600	7/12	PC
1620	KSMH	West Sacramento CA; "KSMH West Sacramento, your local Immaculate Heart radio station", religious px	F	1100	6/12	mah
1620	WNRP	Gulf Breeze FL; "You're listening to News Radio 16-20 WNRP W Gulf Breeze" – quite a rarity these days	W	0700	23/11	AB
1620	KOZN	Bellevue NE; ESPN Radio ID mixing Spanish station (which identified as "... Numero Uno")	W	0400	9/12	JF
1620	KOZN	Bellevue NE; "Thank you for making 16-20 The Zone Omaha's favorite sports radio station"	F	0800	9/12	PC
1620	<b>KOZN</b>	<b>Bellevue NE</b> ; ID at 2259, local traffic report; signal seemed to vanish at 2259 power-down?	G	2249	15/12	SW
1620	KOZN	Bellevue NE; "... is Omaha's ESPN Radio"	Fpks	2300	21/12	mah
1620	KOZN	Bellevue NE; heard almost daily.	F	0800	25/12	AB
1620	KYIZ	Renton WA; "KYIZ Renton Seattle. You can also can also check us out online at ztwins.com", UC songs	Wpk	1100	5/12	mah
1620	WDHP	Frederiksted USVI; BBC News about New Zealand	322	0607	15/11	MDe
1620	WDHP	Frederiksted USVI; YL with ID "You are listening to WDHP ..." BBC News	W	0658	2/12	JW
1630	WRDW	Augusta GA; "News, talk, sports 16-30 WRDW Augusta. A Beasley broadcasting station." & ABC News	W	0700	18/12	BD
1630	WRDW	Augusta GA; ID	333	0700	18/12	MvA
1630	KCJJ	Iowa City IA; pops, "KCJJ Iowa City Coralville"	W	0758	4/12	BD
1630	KCJJ	Iowa City IA; "Mighty 16-30 KCJJ"; with Spanish music under – likely KRND	G	0041	13/12	SW
1630	KCJJ	Iowa City IA; "I'm Tommy Laing with KCJJ news" after ID	G	0300	13/12	PL
1630	KRND	Fox Farm WY; "La Grande 16-30" IDs and rancho music	W	0600	6/11	JF
1630	KRND	Fox Farm WY; usual "La Grande" ID and Mexican music	W	0800	7/12	AB

kHz	Callsign	Station, location; details heard etc	SIO	UTC	Date	Who
1630	KRND	Fox Farm WY; usual Mexican music over ID from KCJJ Iowa	F/G	0500	13/12	PL
1640	WTNI	Biloxi MS; talk show and ABC News	322	0552	15/11	MDe
1640	KDZR	Lake Oswego OR; usual Disney pops and promos, ID "This is KDZR and KDZR HD1 Lake Oswego Portland"	F/G	1400	8/12	mah
1640	KBJA	Sandy UT; Several "Super radio" IDs	W/F	0800	9/12	PC
1650	KFOX	Torrance CA; Korean talks and songs by XYL	322	0400	13/11	MDe
1650	KCNZ	Cedar Falls IA; "16-50 KCNZ Cedar Falls, Waterloo"	W	0500	11/12	PC
1650	KCNZ	Cedar Falls IA; long time no hear; toth ID and CBS News	W	0500	13/12	JF
1650	WHKT	Portsmouth VA; Disney ID by XYL	333	0555	15/11	MDe
1650	CINA	Mississauga ON; music, ID	232	0650	23/12	MvA
1650	CJRS	Montréal QC; Radio Shalom mentioned	F	0759	25/12	JW
1660	KTIQ	Merced CA; SS ID "KTIQ Merced"	W	1300	6/12	mah
1660	WCNZ	Marco Island FL; jazz music the avenue	333	0602	15/11	MDe
1660	WCNZ	Marco Island FL; Simon and Garfunkel song "WMYL and WCNZ" heard in QRM	W	0657	17/12	JW
1660	WQLR	Kalamazoo MI; "16-60 WQLR Kalamazoo. The Fan"	W/F	1000	15/12	PC
1660	WWRU	Jersey City NJ ; EE ID WWRU	333	0600	15/11	MDe
1660	WBCN	Charlotte NC; phone call, // webstream; mixing with WCNZ	322	0728	18/12	MvA
1660	KQWB	West Fargo-Moorhead ND; "... weekdays until 5pm right here on KQWB AM West Fargo, Fargo, Moorhead 16-60 ESPN"	F	0600	6/11	JF
1670	WTDY	Madison WI; "WTDY Madison"; CBS News	W/F	0700	21/12	PC
1670	CJEU	<b>Gatineau QC</b> ; FF children songs	F	0000	11/12	PC
1670	CJEU	<b>Gatineau QC</b> ; "Les Enfants" IDs and lots of kids singing. Some good peaks; <b>personal first</b>	G	0515	11/12	JF
1670	CJEU	<b>Gatineau QC</b> ; Happy Christmas songs presented in FF by kids & YL with "Radio Enfant"	W/F	0645	11/12	BD
1670	CJEU	<b>Gatineau ON</b> ; "Radio Enfant" ID; <b>personal first</b>	F	0700	11/12	AB
1670	CJEU	<b>Gatineau-Ottawa QC</b> ; light Christmas music, at 0807 "Ici Radio Enfant"; <b>personal first</b> , tnx JF for the tip	Fpks	0805	11/12	mah
1670	CJEU	<b>Gatineau QC</b> ; "Ici Radio Enfant"	F/G	0459	13/12	VC
1670	CJEU	<b>Gatineau QC</b> ; ID from children " Ici Radio Enfant", then carols; <b>personal first</b>	VG	0500	13/12	PL
1670	CJEU	<b>Gatineau QC</b> ; FF male ann and children singing; <b>personal first</b>	343	0746	14/12	MvA
1670	UNID	EE Christmas carols. Who could this be? <i>Perhaps CJEU - mah</i>	F	0806	18/12	JW
1680	WTTM	Lindenwold NJ; romantic songs	332	0530	15/11	MDe
1680	WTTM	Lindenwold NJ; "16-80 WTTM Lindenwold Philadelphia" & LA rhythms	W	0700	9/12	BD
1680	KNTS	Seattle WA; SS tlk, SS/EE ID "... Radio Luz ... AM ... KNTS Seattle"	W/F	1400	8/12	mah
1690	WPTX	Lexington Park MD; news talks	333	0600	15/11	MDe
1690	CHTO	Toronto ON; "YL with "CHTO AM 16-90 ... Toronto" & Greek romantic pops	W/F	0701	10/12	BD
1700	KVNS	Brownsville TX; "Playing the greatest hits of the 60s and 70s this is classic hits seventeen hundred KVNS Brownsville and the Rio Grande valley" & oldies	F/G	0801	27/11	BD
1700	KVNS	Brownsville TX; oldies then full ID "Playing the classic hits of Exc the 60s and 70s Seventeen hundred KVNS Brownsville and the Rio Grande Valley"		0802	5/12	JW

kHz	Callsign	Station, location; details heard etc	SIO	UTC	Date	Who
1700	KVNS	Brownsville TX; oldies and ID by OM; very good	444	0547	21/11	MDe
1700	KKLF	Sherman TX” ...all-sports station in Dallas-Fort Worth, Sports Radio 13-10 The Ticket”	W	0700	10/12	PC
1700	XEPE	Tacate, Baja California; “... and on the net on ‘your town’? San Diego 17 Hundred”	W	0600	6/11	JF
1700	XEPE	Tijuana; “San Diego 17-hundred” ID	W/F	0500	7/12	PC

**Utility Logs:** (Please note that the inclusion of Utility Logs in DX Loggings is only a temporary measure, while we await a volunteer editor to take over the Utility Section – mah).

518	JNR	Moji, Japan; ZCZC HA26 301710 UTC DEC 09 JAPAN NAVTEX N.W. NR 2864/2009 KYUSHU, E COAST. HYUGA NADA; 2 whole messages; <b>personal first 9112km</b>	95%	1713	30/12	SW
518	LGS	Svalbard; ZCZC AZ85 250400 UTC DEC 09 NO MESSAGE ON HAND AT SVALBARD AND BODO RADIO 002570700 NNNN	100%	0400	25/12	SW
518	NMA	Miami FL, USA; ZCZC_AA27 CCGDSEVEN BNM _IUEAPZ E FL - BAHIA HONDA KEY TO EVERGLADES NATIONAL PARK - KEY W HBR		0816	25/12	SW
518	NMB-9	Savannah GA; ZCZC EA24 CCGDSEVEN BNM 860-09 FL - SEACOAST - PONCE DE LEON INLET TO CAPE CANAVERAL 1. PONCE DE LEON_INLET LT (LLNR 610) IS _XTING. 2. CANCEL AT TIME//280500Z DEC 09//		0115	25/12	SW
518	NMF	Boston MA, USA; ZCZC NA66 DGPS BNM 1218-09 PA, HAWK RUN DGPS BROADCAST SITE IS UNUSABLE AS OF 182137Z DEC 09	100%	0548	28/12	SW
518	NMG	New Orleans LA, USA ZCZC GA99 CCGDEIGHT BNM 0279-09 LA - GULF OF MX.	100%	0310	28/12	SW
518	NMN	Chesapeake VA, USA; ZCZC NA33 CCGD5 BNM 456-09 VA-SEACOAST-VACAPES OPAREA-HAZOPS-HELICOPTER MINESWEEPING (MCM)		0550	26/12	SW
518	NMR	San Juan, Puerto Rico; ZCZC RA65 DGPS BNM 1224-09 PR-ISABELA DGPS BROADCAST SITE IS UNMONITORED. NAVCEN IS UNABLE TO VERIFY SIG INTEGRITY AS OF 192137Z DEC 09	100%	0232	25/12	SW
518	OXI	Nuuk, Greenland; ZCZC WB20 GREENLAND 091224 2340 UTC WARNING NO. 1213 GALE WARNING FOR: NUNAP ISUATA KANGIA:	100%	2341	24/12	SW
518	SUK	Quseir, Egypt; ZCZC VL80 NW 225/09 FM EAFMS ALEX. ON 15/12/09 GULF OF SUEZ - B.A CHART NO. 2374		2331	27/12	SW
518	TAF	Samsun, Turkey; ZCZC EA14 271526 UTC FEB 09 SAMSUNSTURK RADIO NAVTEX N/W NR: 127/09 BLACK SEA	100%	2049	25/11	SW
518	TAH	Istanbul, Turkey; ZCZC DA21 181128 UTC NOV 09 ISTANBUL TURK RADIO NAVTEX NW NR: 631/09	100%	2037	25/11	SW
518	TAL	Antalya, Turkey; ZCZC FA68 302317 UTC NOV 2009 ANT_LYA TURK _CYTOXPO _ME_ITERRAN_AN		2058	25/11	SW
518	UDN	Novorossiysk, Russia; ZC_C AA29 250800 UTC NOV 09 COASTAL WARNING NOVOROSSIYSK 172 SEA OF AZOV EASTERN PART DANGEROUS WRECK IN 46-15.5N 037-09.5E NNNN		1908	27/12	SW

518	VAR-9	St John NB, Canada; ZCZC UK11 250328UTC DGPS NOTSHIP M3007 NAVAREA IV DGPS STATION PENOBSCOT MAINE 290KHZ LL 9104 OFF THE AIR UNTIL FURTHER NOTICE	100%	0329	25/12	SW
518	VCK	Sept Isles, Quebec, Canada; ZCZC CE98 250823UTC NAVTEX/3 FOR RIVIERE-AU-RENARD VCG AT 3:00 AM NST FRI 25 DEC 2009.	100%	0825	25/12	SW
518	VCO	Sydney NS; ZCZC QA77 260242UTC NOTSHIP M2926/09 N.S. - HALIFAX HAROUBR AND APPROACHES	100%	0242	26/12	SW
518	VOK	Labrador NL, Canada ZCZC XA52 SYNOPSIS: 25/01Z Q-STNR RIDGE OVR LAB. STRAIT OF BELLE ISLE, BELLE ISLE BANK: WNG: NIL. WND: NE15-20. LAKE MELVILLE: WNG: NIL. WND: LGT. SOUTH LABRADOR COAST, MID LABRADOR COAST: WNG: NIL. WND: N15	100%	0354	25/12	SW
518	XMJ 329	Warton-Prescott, ON, Canada; ZCZC _A91_ 260116UTC SAFETY NOTSHIP C2136 LAKE_ONTARIO OSHAWA HARBODR __HIII__PTP DREDGING OPERATIONS TAKING PLACE 24 HOURS DAILY, MON-FRI, INSIDE OSHAWA HARBOUR AND THROUGH THE ENTRANCE TO OSHAWA HARBOUR. TUG AMERICO AND B_		0110	26/11	SW
518	VON	St Johns NL; ZCZC O_32 282224UTC NA_TEX FOR ST. JOHN'S VON AT 3:30 PM NST MON 28 DEC 2009.		2229	28/12	SW
518	UNID	Baku, Azerbaijan; ZCZC WD44 1623 MSK 28 DEK 09 DUBLIRUIU PROGNOZ POGODY IZ BAKU BAKU 909 28/12 1425. with full length weather forecast in Russian. New?? Unlisted tx or relay via Astrakhan		1543	28/12	SW
518	UJB	Astrakhan, Russia; ZCZC WA53 281540 UTC DEC 09 COASTAL WARNING ASTRAKHAN 418 ASTRAKHAN SEA ROAD (In English)		1550	28/12	SW
518	XSL	<b>Fuzhou, China;</b> First heard with partial message at 1820utc on 28/12 then perfect reception 2 days later. ZCZC OA93 301245UTC DEC QWPPO NAVIGATION WARNING FJ0205 XIAMEN HARBOUR MAIN FAIRWAY TWO LIGHT BUOYS ESTABLISHED IN POSITION MARKED WRECK LIGHT BUOY 17 ESTABLISHED IN POSITION 24-25.70N 118-03.86E ALGP FL YB 3S,LIGHT BUOY 18 ESTABLISHED INPOSITION 24-25.75N 118-03_.76E ALGP FL YB 3S. CAUTION ADVISED.FUJIAN MSA,CHINA NNNN <b>Personal first at 9350km</b>	100%	1820	28/12	SW
518	A9M	Bahrain; ZCZC BA14 BAHRAINRADIO/A9M _0632 UTC 10TH MAR 2009_ NAVAREA IX(ARABIAN GULF AND APPROACHES)_ NAVIGATION WARNING TO ALL SHIPS._		2021	27/12	SW
518	“Pirate”	Turkish Republic of N Cyprus; new navtex tx. Not listed or internationally coordinated. Thanks to Vincent Lecler for intelligence on this. ZCZC EE53 270645 UTC DEC 09 CYPRUS TURKISH RADIO NAVTEX NW:0126/09	100%	2000	27/12	SW

1731	LGS	Bodo Radio, Svalbard; // 4357kHz 78 degrees north; // Sandnessjoen 1710kHz, Andenes 1659kHz, Hammerfest 1635kHz and Vardo 1713kHz. All with audio in // but Jan Mayen audio is delayed by about 100ms. (That seems too short for geo-stationary satellite delay, so I wonder how the audio reaches the Jan Mayen Island tx. Svalbard did not exhibit audio delay probably because Svalbard is connected by fibre optic cable to Norway.	G	2303	20/12	SW
1743	LMJ	Bodo Radio, Jan Mayen Island; 71 degrees N;	G	2303	20/12	SW

### Logs from South Africa:

540		Sokoto State Broadcasting Corporation, Sokoto, Nigeria; nice local mx, VV talks, s/off w NA 2302	432	2235	16/12	VK
760	WJR	Detroit MI; adverts, phone-ins	332	0325	19/12	VK
783		R Damascus, Tartus, Syria; Hebrew programme of pops, RR px from 1830	343	1825	16/12	VK
840	ZYH447	R Excelsior da Bahia, Salvador; talks, announcements	332	2305	16/12	VK
850	WTAR	Norfolk VA; phone-in prog of financial advice, adverts	242	0340	17/12	VK
891		Ultimate FM via R. Lesotho; EE, DJ w small talk, R&B songs	454	0050	16/12	VK
920	ZYH519	R Novo Tempo, Salvador; rlg px of talks	253	2315	16/12	VK
972		VOA Tajikistan relay; in Asian language, mainly on Pakistan	242	0125	16/12	VK
1040	WHO	Des Moines IA; nx, talks, telephone numbers, adverts	232	0005	18/12	VK
1107		FRCN Kaduna/R Nigeria, Jaji; highly rhythmical local mx and singing	343	1935	16/12	VK
1130	WBBR	New York NY; interview regarding markets / leveraging	343	0305	18/12	VK
1140	WRVA	Richmond VA (tentative); phone-ins re global warming	232	0335	19/12	VK
1170	WWVA	Wheeling WV; religious programming	432	0315	18/12	VK
1190	WLIB	New York NY; programme of gospel songs, adverts, promos	343	0030	18/12	VK
1400	ZYJ462	R Rio de Janeiro; announcements, talks	332	0105	18/12	VK
1458		R Mayotte, Pamandzi; France relay w FF comedy	454	0110	18/12	VK
1500	WFED	Washington DC; financial reports / commentaries, adverts, promos; Federal News Radio	343	2330	16/12	VK
1503		IRIB Bushehr, Iran; nx programme of reports in Persian	353	1635	16/12	VK
1520	WWKB	Buffalo NY; adverts and chats	343	0020	17/12	VK
1530	WCKY	Cincinnati OH; basketball game, adverts	242	0030	17/12	VK
1539		VOA relay via Abu Dhabi; EE nx, programme in an Asian language from 0005	353	0000	16/12	VK
1600	WWRL	New York NY; an interview, community announcements	343	0120	17/12	VK
1600	ZYK779	R 9 de Julho, São Paulo; religious px "Com a Mãe Aparecida"	444	0115	18/12	VK
1660	WWRU	Jersey City NJ; Korean programme of talks, pops, adverts	242	0140	17/12	VK

Many thanks to the following reporters:

- AB Andrew Brade, Holme-on-Spalding Moor, East Riding of Yorkshire. AOR AR 7030 plus and Perseus SDR, Wellbrook phased array 290°, 305m beverage at 220°. Recording on Sony MZ-NH1 minidisc + Total Recorder.
- BD Barry Davies, Carlisle, Cumbria. Perseus, 3.7m x 10.0m Flag + FLG100 amp.
- DH David Hamilton, Sorn, Ayrshire. Perseus SDR & home made indoor flag antenna.
- FW Friedhelm Wittlieb, Lünen, Germany. Grundig Satellite 700 with martens fram-antenna.
- JF John Faulkner, Sutton-in-Ashfield, Notts. Perseus SDR & flag antenna.



- JF/TB John Faulkner/Tim Bucknall, Matlock Forest, Derbyshire. Perseus SDR & 300m beverage at 30°.
- JW John Williams, Hemel Hempstead, Herts. AOR 7030, 40m long wire.
- mah Martin Hall, Clashmore, Sutherland. Perseus SDR, RPA-1 preamp, beverages: 513m at 233°, unterminated; 506m at 279°, terminated; 550m at 338°, terminated. TotalRecorder.
- MDe Maurits van Driessche, Zele, Belgium. Perseus SDR, several Super Kaz antennas + Marconi, MFJ-1026 (modified), DBX-1215 preamp +12 dB.
- MTD Mark Davies, Malltraeth, Anglesey. AOR7030, 10x20 Conti Loop.
- MvA Max van Arnhem, Hoenderloo, The Netherlands. AOR7030+; KAZ 35, 70, 160, 250, 290, 340 degrees.
- PC Paul Crankshaw; Troon, Ayrshire. Perseus SDR, EWE, , RPA-1 pre-amp, MFJ-1025 Phaser(modified).
- PL Paul Logan, Linaskea, N. Ireland. Perseus, Conti loop 12 x 27 feet, 150 foot random wire.
- RF Rein Faber, Sneek, The Netherlands. Perseus, EWE 3 x 9 x 3 at 310°.
- Rha Ronald Hagensen , Ottersberg, Germany. AOR7030+, 22m at 315°, 28m at 290°, 325m at 345° & 115m at 065°, coupled with the Mizuho AT-2000.
- SW Steve Whitt, High Catton near York. AOR7030+ and HF225 Europa with dual loop K9AY.
- VC Valter Comuzzi, Pasion di Prato, Italy; unattended Perseus recording in Piancada. Beverage 550m at 307° terminated.
- VK Vashek Korinek, Johannesburg, South Africa. AR-7030, K9AY.

First a warm welcome to **Mark**, who writes: “Here is my very first submission of MW logs! I’ve enjoyed my first month MW DXing, getting the IDs is still a problem but I am slowly training my ear to listen through the hash! Looking forward to making a bigger contribution next month, my time is however limited with work and a 4 year old”.

Another with limited time at the moment is **John F**: “There hasn’t been much time for listening recently month due to work and being away from home, particularly over the Christmas period. Any listening has mostly been carried out strictly over the few seconds at the top of the hour. It was either this way or not at all. Still there have been a good number of personal firsts and some great catches”.

Commenting on propagation, **Barry** notes: “Like November first week or so was better down here in Carlisle than the latter half.. The rain and later snow made for an electrically noisy band. This month’s highlight, for me, was 1470 XERCN heard thanks to PC’s heads up. The icing on the cake was the QSL. Hopefully early January will deliver some more great DX!” **Maurits** had a similar comments: “Signals dropping down in the second week of December, and the noise increased. I hope January brings better signals”.

Others with brief comments on conditions were **John W**: “Just a few logs from me - conditions a bit up and down”. **Paul L**: “A few logs from Nov / Dec, personal highlight was a nice ID from KNX one morning at 9 am.” **Paul C**: “Although not quite as good as last month conditions on the whole were still very good at times with a lot of nice opening to the Great Lakes and Prairies. I managed to find a few more stations in these areas for personal firsts”.

**Max** adds: “An interesting month. On day after returning home from our trip to Curacao, Netherlands Antilles with 32 degrees C, I started tuning the bands and immediately I encountered excellent conditions revealing quite some personal firsts. Especially, the evening of the 12th and the morning and afternoon of the 13th of December conditions were great. I heard my 3rd Japanese station on MW which was a big surprise. Hardly a week later we had 35 centimetres of snow and a very quiet band in the morning hours. Then TA stations were audible till 1130 local time.”

**Valter** tells us: “My log ... is an excerpt from my findings in a recording made in Piancada on 12/13 December. Very good conditions. As you can see there are 5 stations from MB which is not at all common in northern Italy. This is marvellous DX season. Another outstanding DX night was

November 11, I and my DX friends are still listening to the recordings, up to now we have found 77 NA stations, (28 new ones for our DX site)."

**Steve** some observations: "In December DX Logs I notice a couple of refs to "Laura Ingram" programmes. I think this should be Laura Ingraham [http://en.wikipedia.org/wiki/Laura\\_Ingraham](http://en.wikipedia.org/wiki/Laura_Ingraham)."

In a separate message he notes; "Sadly two important "clear" channels (1395 kHz and 1593 kHz) were re-occupied recently and this had a detrimental impact on DX listening on 1390, 1400 and 1590 kHz. Again, to keep the list manageable, I have only included unusual loggings, and I still have not heard CJYQ this season!

Given the good DX conditions this season I decided to test out my Navtex system over Christmas. Good trans-Atlantic DX was consistently possible and in 24 hours I positively identified 45 different Navtex stations with a dozen more in following days. Hope you don't mind my inclusion of (this) utility DX as we don't have a separate column at the moment. Also I would normally avoid lots of UPPER CASE in text but that is what Navtex generates. Unsurprisingly, I was hugely pleased to hear China & Japan on 518kHz – my first MW reception from Japan."

Writing from the southern hemisphere, **Vashek** writes: "Attached are some summer logs from Johannesburg. I don't normally listen to MW this time of the year due to hellish local storms and associated noise, but we had a few unusually quiet days. Hope the logs are of some interest ..."

Here in **Clashmore** it has been another good month for DX. West coast North American stations have been heard on almost every day during the late morning and early afternoon, and less common east coast stations have been often heard during the late evening and breakfast time periods. The stronger Japanese stations have also been heard regularly between 1300 and 1500. Conditions were outstanding between 1200 and 1500 on 15<sup>th</sup> December, with stations being heard at good levels from Japan, New Zealand, Hawaii and Alaska; interestingly, during the morning of the same day, they were good, but not outstandingly so. This must have been one of the best ever periods of reception I've experienced at this location. I've omitted many of the regularly heard stations from my log, even some from the western states and Alaska, since they were reported last month. – mah.

A few days after the December issue of MWN was published, I received some feedback on my clips of NHK stations that I'd sent to DXer **Hiroo Nakagawa**. He replied "I listened to your clip. It is no doubt NHK-1 news program. The announcer talks about share price of Tokyo stock market. As it isn't local news, there is no ID in it. But 567 kHz is assumed frequency for JOIK in Japan, it is obviously NHK Sapporo. It is amazing for me you in Scotland can catch Japanese stations so clear! Vice versa is VERY difficult for Japanese DXer".

The **deadline** for the February 2010 DX Loggings is **Tuesday 26<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 if you don't already have one; **very many thanks** to all members making the effort to submit contributions following the format used in DX Loggings - it makes my job of compiling the log so much easier, especially when it's as big as the one we have this month!

Would newer members please note that DX Loggings is a consolidated permanent record summarising of stations heard, also available to those members not subscribed to the e-List; postings to the e-List are intended as hot tips and subject to correction where required. If you would like any tips sent to the e-List to be published in DX Loggings, please send them to me separately. All logs of stations transmitting from outside Europe are welcome. In common with the other sections of MWN, DX Loggings aims to include as many members as possible, and I'd like to ask those of you who listen to MW DX, but who haven't yet shared your catches, to make a special effort and send me a contribution for the next issue.

73, Martin

**P.S. We still need a volunteer to act as editor of our Utility column to avoid extra pressure on Martin. If you can help in 2010, please contact Steve Whitt as soon as possible.**

# VERIFICATIONS SECTION

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with Friedhelm Wittlieb e-mail: [verifications@mwcircle.org](mailto:verifications@mwcircle.org) ☎ 0 32 12 – 107 79 39

<u>Station</u>	<u>kHz</u>	<u>A</u>	<u>B</u>	<u>C</u>	<u>who</u>
<b><u>EUROPE</u></b>					
<b><u>Netherlands:</u></b>					
Big L International 1395 AM.	1395	e-mail	e-mail lt.	1 day	FW/GH
<b><u>Spain:</u></b>					
RNE Salamanca	<u>1, 2</u>	1314	QSL	8 days	EG
RNE Soria	<u>1, 3</u>	1025	e-mail	2 days	EG
<b><u>ASIA</u></b>					
<b><u>Japan:</u></b>					
JOHR Hokkaido Broadcasting Co. ,Sapporo		1287	1\$ card	25days	MvA
<b><u>Thailand:</u></b>					
Radio Thailand, Educational Service, Bangkok	1467		1\$ letter	33days	MvA
<b><u>NORTH AMERICA</u></b>					
<b><u>Canada:</u></b>					
CHQR Calgary, AB	770	1\$ returned	letter, stickers, info	28days	MvA
<b><u>USA:</u></b>					
WLS Chicago,IL	890	1\$	letter	83days	MvA
KCKK Littleton CO	<u>4</u>	1510	epost	1 hour!	BD
<b><u>CENTRAL AMERICA</u></b>					
<b><u>Mexico:</u></b>					
XERCN Tijuana Baja California	<u>5</u>	1470	epost	4days	BD
<b><u>UTILITIES</u></b>					
<b><u>Japan:</u></b>					
Japan Coast Guard, Otaru RCC, Navtex	518	1\$ returned	letter, X-mas card	36days	MvA

## **Note and Verifications Signers**

1 – via A-DX-List by Christoph Ratzer, Salzburg, Austria

2 – RNE, Pza. de Colón, 4, 37001 Salamanca, Spain, v/s: Mauricio Molano, Dpto. de Emisiones (Local Program from RNE Radio 5 Todos Noticias)

3 - RNE Campo 5, 5. planta, 42001 Soria, Spain, v/s: Esther Escalada, Directora de RNE Soria ((Local Program from RNE Radio 5 Todos Noticias)

4 - v/s Casey Light Station Manager **Email:** [casey@milehighsports.com](mailto:casey@milehighsports.com)

5- v/s Jim Smith General Sales Manager **Email:** [jsmith@uniradio.com](mailto:jsmith@uniradio.com)

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

## **Contributors**

Many thanks to: **MvA** – Max van Arnhem, Netherlands – **BD** – Barry Davies, Carlisle, Cumbria – **GH** – Ge Huijbens, Beffe, Belgium, **EG** – Ewald Glantschnig – **FW** – Friedhelm Wittlieb, Lünen, Germany

**Barry wrote:** I have been looking for this (XERCN) for years. When first heard I "assumed" it was the usual Radio Formula DF. It was thanks to OM Paul Crankshaw that I reprised the Wav.file and found it to be Tijuana.

**I wish all members of the MWC a healthy and successful 2010.**