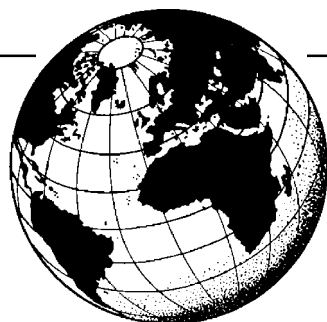


MEDIUM WAVE NEWS

MEDIUM WAVE CIRCLE



March 2005 Volume 50 No. 10



- ♣ *DX logs – 13 pages*
- ♣ *World news – 12 pages*
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MEDIUM WAVE CIRCLE
ANNIVERSARY
1955-2004

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Stop Press Deadlines: 27th March for April 2005 1st May for May/June 2005

Cover illustration: Clayton Moore as the Lone Ranger - see page 3.

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EDITORIAL

with Steve Whitt

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Membership Renewals

If your membership subscription to the Circle is due to run out at the end of March 2005 you will have received an appropriate renewal included with the last issue of MWN. Please note that if you do not renew promptly this will be the last copy of MWN that will arrive through your letter-box. To double check your renewal date look at the date on the address label on the envelope that brought MWN to you. If in doubt please double check with the Circle's Membership Secretary, Paul Crankshaw (details on page 2).

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Fifty years young: MWC 1954-2004

This month I continue with the series of cover photos chosen to represent 1954, the year of the Circle's birth. Sharp-eyed readers will recognise the picture of the Lone Ranger despite the fact that this was a long running radio show. The picture is of Clayton Moore as the Lone Ranger. The last new episode of the Lone Ranger was aired on radio on September 3rd 1954 after an astonishing run of 2956 episodes aired over a period of 21 years.

Reprints

The All Time DX Logs for North America L01 and Central America L02 have just been updated to include all logs up to the end of 2004. Clive Rooms will shortly have printed copies available at £2.75 and £1.40 respectively.

Member to Member: for Sale

Bill Gibson informs us that he has a NDH515 Memory Unit with cable for sale. This is for the Japan Radio Company NRD 515 receiver. It is in reasonable condition and Bill would like £50 for it. Please contact Bill on 0141-562-4571.

Ooops!

Last month I included a photograph in the article by Dave Kenny and Tony Rogers purporting to be of the DX nerve centre they set up in Sheigra. Now, somehow, of all the houses in Sheigra (a staggering 13 I think!) I picked the wrong one! Dave quite rightly pointed this out. So to set the



The imposter



The real DX Nerve Centre

record straight here is the correct photo.

So if you are heading to Sheigra please don't knock on the wrong door!

73s, Steve

IONOSPHERIC REPORT

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

Daily Geomagnetic Data

Date	Middle Latitude -- Fredericksburg --								High Latitude ---- College ----								Estimated ---- Planetary ----										
	A	K-indices							A	K-indices							Ap	K-indices									
2005 01 29	16	2	2	3	4	3	3	3	4	26	2	1	3	5	5	5	4	3	20	3	2	3	4	3	3	4	4
2005 01 30	10	2	3	2	4	2	2	1	2	23	3	2	2	6	5	3	2	2	16	3	4	3	4	3	2	2	2
2005 01 31	15	3	2	3	4	4	3	2	1	43	2	2	3	6	7	6	3	1	19	3	2	3	4	5	4	3	1
2005 02 01	4	3	0	1	1	1	1	1	1	6	2	0	0	3	3	2	0	1	6	3	0	1	2	1	2	2	2
2005 02 02	7	1	2	2	2	1	2	3	1	8	0	0	3	3	2	3	2	1	8	1	1	3	2	2	2	3	1
2005 02 03	5	1	3	2	1	1	1	1	0	9	0	4	4	3	1	0	1	0	8	1	4	3	1	1	2	1	1
2005 02 04	2	0	0	0	1	1	1	1	0	2	0	0	0	2	2	1	0	0	3	0	0	0	1	2	1	1	1
2005 02 05	1	0	0	1	0	1	0	0	0	0	0	0	0	1	0	0	0	0	4	1	1	1	0	1	0	1	1
2005 02 06	6	0	2	3	1	1	1	2	2	8	0	2	4	2	0	2	2	2	9	2	2	4	1	1	1	2	3
2005 02 07	19	2	2	2	2	3	3	5	5	50	2	2	2	5	7	6	6	4	23	3	3	2	3	5	4	5	5
2005 02 08	27	5	6	3	2	2	3	3	4	71	4	5	3	5	6	6	8	4	34	4	6	4	3	4	4	4	4
2005 02 09	14	2	3	4	3	3	2	2	3	45	3	3	6	6	6	5	4	3	25	3	4	5	4	4	3	3	3
2005 02 10	11	3	3	2	2	3	2	3	1	29	3	4	5	5	5	4	3	2	17	4	4	3	3	4	2	3	2
2005 02 11	7	2	3	2	2	1	1	2	2	19	1	2	3	6	4	2	2	2	11	2	3	3	3	2	1	3	2
2005 02 12	3	2	2	1	0	1	0	2	0	3	2	1	1	0	1	0	1	1	5	2	2	1	1	1	1	2	0
2005 02 13	2	2	1	1	1	0	0	1	0	3	1	2	0	2	1	0	1	1	4	1	1	1	1	0	1	2	1
2005 02 14	4	0	2	1	0	2	1	2	2	4	0	1	1	2	2	0	2	1	5	0	2	1	1	1	1	2	2
2005 02 15	1	0	1	1	0	0	0	0	0	2	1	0	1	0	0	0	1	2	5	1	1	2	0	1	1	2	2
2005 02 16	8	3	1	1	2	3	2	2	2	29	2	1	2	5	6	5	4	3	13	2	1	2	4	4	3	3	3
2005 02 17	7	2	2	0	1	1	1	1	4	7	2	1	0	3	3	2	0	2	6	1	2	0	1	2	2	2	3
2005 02 18	14	4	3	3	2	3	3	2	2	37	4	4	5	6	5	5	2	2	25	5	4	4	3	4	4	3	2
2005 02 19	8	1	1	3	3	2	2	2	2	40	3	5	5	6	6	4	3	1	14	1	2	3	4	4	3	3	2
2005 02 20	6	3	2	2	0	1	1	2	2	16	4	3	3	1	3	4	3	2	12	4	3	3	0	2	3	2	2
2005 02 21	4	3	2	2	0	1	0	0	1	18	2	3	3	4	4	2	4	3	8	3	3	1	2	1	2	1	2
2005 02 22	3	1	1	0	0	1	1	2	2	2	0	0	0	0	0	2	2	1	4	1	1	0	0	1	2	2	1
2005 02 23	2	1	0	1	1	1	0	1	1	1	0	0	1	0	0	0	0	1	4	1	1	2	1	1	2	1	1
2005 02 24	4	0	1	1	1	3	1	1	1	8	0	0	0	1	5	1	2	1	5	0	0	1	1	3	1	2	2
2005 02 25	9	1	1	2	2	3	3	3	2	12	0	0	2	3	3	4	4	1	9	1	1	2	2	2	3	3	2
2005 02 26	9	2	2	2	2	3	3	2	1	18	1	1	2	4	5	5	2	1	9	2	2	2	3	3	3	2	2
2005 02 27	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	0	2	3	1	3	2	-1	-1

Space Weather Outlook Table (based on 27 day forecast)

UT Date	10.7cm Flux	Ap Index	Max. Kp
2005 Mar 01	90	12	3
2005 Mar 02	90	8	3
2005 Mar 03	90	8	3
2005 Mar 04	95	8	3
2005 Mar 05	100	8	3
2005 Mar 06	100	12	3
2005 Mar 07	100	25	5
2005 Mar 08	100	15	3
2005 Mar 09	105	12	3
2005 Mar 10	105	10	3
2005 Mar 11	105	10	3
2005 Mar 12	105	8	3
2005 Mar 13	105	10	3
2005 Mar 14	105	8	3
2005 Mar 15	100	8	3
2005 Mar 16	100	12	3
2005 Mar 17	95	15	3
2005 Mar 18	90	12	3
2005 Mar 19	85	10	3
2005 Mar 20	80	5	2
2005 Mar 21	80	5	2

GRUNDIG OCEAN BOY 70

A multiband receiver with style: review by Rich Toebe

This past summer, my wife and I travelled to Europe for three weeks. I took along my trusty Grundig Yacht Boy 305, which, for a low cost compact AM/FM/SW unit, has been very good at inhaling signals while taking up very little space. Although it only tunes standard AM frequencies, it has a 9/10 kHz switch which makes it possible to listen to MW outside the Western Hemisphere.

It has two glaring weaknesses, however. One is that the telescoping antenna is fairly rickety and the connection finally gave out, leaving me essentially with a one band receiver. Only very strong FM or SW signals could be heard now, but the MW band was still a strong performer. The other weakness is that the “other” AM band, LW, is not provided on this unit.

So, I resolved to pick up a radio while we were in Germany. I did some research on the web and found that the offerings by Grundig were different than what we were getting. Two radios in particular caught my attention. Both were labelled “Ocean Boy”; one, the 510, had LW, MW and FM/RDS reception; the other, the 70, a newer model, lacked RDS but had SW as well as LW, MW and FM. I decided to look for these models.

First superstore I walked into, Saturn (www.saturn.de), which is the equivalent of Best Buy, had a good selection of radios, but at inflated prices by our standards. They asked 259 Euros (€) for the Sony 7600 GR, including 16% VAT, or about US \$345 at present rate of exchange... way more expensive than US prices. But no Grundigs. It was common to see AM-FM radios with no LW or SW capability, no doubt the result of Far Eastern models driving home-grown companies out of business just like in the US. Some “consumer” table models did have LW, but the Golden Age of



multiband radios for average European consumers is over. Besides, MP3 is hot now. (If DAB radios were sold there, I didn't see them.)

← *The Grundig Ocean Boy 70, with a copy of DX Monitor and US 25 cent and 1 Euro coins for size comparison*

I soon figured out that Grundigs were generally being carried by smaller stores, higher end shops, and not all models were necessarily being

carried.

I did not find the 510 in any shops I walked into. Apparently it is no longer being produced, but it's still available from some retailers on the web, and on the German eBay.

Shortly after we arrived in Germany, we took the train to Vienna. I found the Ocean Boy 70 RP 5300 PLL at Europafunk (www.europafunk.at) across the street from the “Westbahnhof” passenger train station where we arrived in Vienna. Their price was €63.50, including 20% Austrian VAT (!!!) or about \$79 US at the time. This price compares with what the YB-305 was retailing for in the US. I was able to use this receiver for most of the time we were in Europe, and to compare reception quality with the YB-305 on MW. I have since used it at home as well.

The Ocean Boy 70 is a compact unit, but is slightly bigger than the YB-305. The owners manual (135 pages long and written in 11 languages) states that the dimensions are 210 mm (8 ¼”) wide, 115 mm (4 ½”) high and 63 mm (2 ½”) deep; it weighs 550 grams (1 lb. 3 oz.). The 3 ½” diameter speaker sits behind 3 round mini-grilles. Output is rated as 10% total harmonic distortion at 400 mW. It runs on 6V DC, by 4 AA batteries, and the memories and settings are preserved by 2 AAA cells. There is a jack for a 6V 200 mA DC adapter, which is not supplied with the unit.



Tuning is achieved either by pressing the “band” button, which cycles through the FM, MW, LW and

SW bands, and then by using the up and down slewing buttons, or by selecting one of the 20 memories by pressing one or two of the chrome preset buttons.

To keep the clutter to a minimum, the top of the radio has 5 preset buttons, plus a “10” button. Hit the “1” button, and preset 1 is tuned in. Hit the “1” button twice, and preset 6 comes up. Hit the “10” button and the “1”, and preset 11 appears. Hit the “10”, and the “1” button twice, and you get preset 16. The “2” button also calls up preset 7, and 12 and 17 are recalled using the 10 button. The “3” brings up 3, 8, 13 and 18... and you get the idea. An M and the preset number appear in the lower left of the display. Slewing can be done by pressing and releasing, which jumps by one step.

For FM stations, tuning is in 50 kHz steps; for MW, it is in 9 or 10 kHz steps; for LW, it’s in 1 kHz steps (because of the splits still used on LW), and SW is in 5 kHz steps. The 50 kHz FM and the 5 kHz SW readout are shown by a dot or period rather than a “5” on the readout. Holding the slewing button down for one second activates the “seek” function, and scans until a strong signal is detected. Holding the slewing button down—and not letting go—allows for fast scanning which does not stop until the button is released. When reaching the top end of the band, the tuner reverts to the bottom end.

The tuning ranges of this radio are geared to European needs. FM tunes from 87.5 to 108.0 MHz, MW from 522 to 1620 kHz when in 9 kHz mode, and 520 to 1620



when in 10 kHz mode; LW from 144 to 281 kHz, and SW from 5.950 to 15.600 MHz (49 to 19 meter bands).

When the Ocean Boy 70 is powered up for the very first time, it begins an automatic FM station search and captures the first 20 strong signals it receives. (Suddenly I was able to listen to most of the major Viennese FM signals!) However, manually setting the memory for each preset is simple. Assuming you have already tuned in the desired frequency, to store it in a given preset you press the blue “MEM” button between the 2 silver slewing buttons. Then you pick a preset, pressing it once or twice or pressing 10 and then the preset once or twice. An “M” flashes in the round display. Press the blue “MEM” button again, and the frequency is stored. Any preset can be used for any frequency that this radio can receive. No presets reserved for LW, MW, FM or SW.

The radio also sports an alarm clock.



The “Mode” button under the round display allows one to choose between clock, alarm setting, or frequency display. The “Alarm” button turns the alarm function on or off (and a bell or musical note is shown in the clock display when it is active). The “sleep” button allows for 90 to 10 minute settings, adjustable in 10 minute increments. When it is activated, a bed appears in the display. The “Light” button turns on the light, bathing the black LCD display in an amber glow. When setting the display to “Clock” or “Alarm”, the + and — slewing buttons become the hour and minute buttons for setting the time. Display is in the European 24 hour standard, so you’ll see 20:33 instead of 8:33 pm.

Volume and tone are adjusted by the two grey rubberized thumbwheels on the left side of the radio. A headphone jack is positioned between the thumbwheels, but output is mono. Two switches on the right end of the radio are used for “DX” and “local” sensitivity on FM and SW only, and for alarm sound or radio reception when the wakeup function is used. An oval “snooze” button interrupts the alarm for 5 minutes.



9 kHz spacing on MW



1 kHz spacing on LW



10 kHz spacing on MW

Finally, there is a slider on the bottom of the radio, which disables or enables all of the buttons.

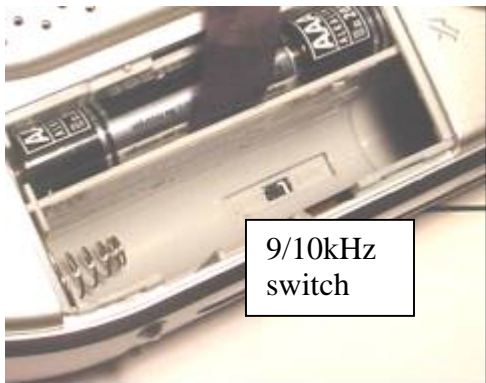
Attached to the rear of the radio is a 3 inch diameter metal “loop” (reminiscent of old UHF loops)



with a plastic encapsulation at the bottom, which blends in with the styling. It can be rotated out at an angle to act as a support, so that the radio can stand at an angle, or rotated all the way out so it can act as a handle for carrying. The telescoping antenna sits in a cutout. It can be extended to about 20 inches, and can be swivelled horizontally or vertically.

Selectivity is pretty reasonable, but on MW and LW it seems that the filtering is skewed to favour one sideband.

For example, two LW stations are on German soil, yet only 6 kHz apart—Deutschlandradio on 177 and Europe 1 on 183; both are splits—each offset 3 kHz from the nominal 180 kHz channel. DLR was free of splatter on 177, but Europe 1 needed to be off tuned to 185 kHz to make splatter disappear. The Russian on 171 did not splatter onto 177. Iceland on 189 was not splattered by Europe 1 on 183. DLF 207 was a semi local at our location near Regensburg; it caused no splatter on 198 even during the day when Poland was audible, but did affect RMC-216.



The manual does not specify the dimensions of the internal ferrite antenna, and I have not opened the unit (yet). But it nulls very deeply for a portable. I was able to listen to signals underneath super power stations, such as RTL on 234 LW and 1440 MW, when nulled.

Sensitivity seemed to be on a par with the YB-305 based on subjective listening in Europe, but until I got more time to DX here during the fall and winter in quieter surroundings, I reserved judgment. In three weeks of DXing in Europe, I was able to log stations from 50 “countries” on LW and

MW (counting Canary Islands and Kaliningrad, the chunk of Russia just north of Poland and west of Lithuania as countries just as we count Alaska as one). Not all are high powered receptions; 2 local stations from Britain on 1566, one listed at 630w and the other at 750w, were quite strong as the sun was rising. I also heard Djibouti on 1431 with Radio Sawa, // Cyprus on 990. Turkmenistan was heard under Belarus on 279. Many Spanish 5 and 10 kW stations would show up regularly.



Here in California, I have had more time to compare receptions with the YB-305. I shunted the 9/10 kHz switch underneath the AA batteries. All memories were lost. When I turned the unit on, with the whip antenna collapsed, it searched for strong FM signals and found only 5.

Interestingly, the settings 6-10 were set to MW defaults of 520, 600, 1000, 1400 and 1620, 11 through 15 were set to LW frequencies 144, 162, 198, 252 and 281, and SW frequencies 5.95, 7.1, 11.0, 14.5 and 15.6 MHz. The clock needed to be reset as well, although the AAA batteries were not removed.



90 minute sleep setting (illuminated)

In general, I have found the Ocean Boy 70 sensitivity to be similar to the YB-305, but it has a higher noise floor. In one early morning pre-dawn DX, for example, the YB-305 had KMON under KSFO on 560; on the Ocean Boy, KSFO was alone. However, selectivity is superior to the YB-305. CKOK-800 Penticton, BC was in loud and clear with no KGO-810 splatter on the Ocean Boy; the YB-305 was nothing but splatter on 800. Other noteworthy receptions with the Ocean Boy on that morning include a loud and clear KSIR-1010 Brush CO well over CBC-1010 Calgary, a monster

KTWO-1030 and KOA-850, and KDIS-1110 all alone, with no semi local KLIB-1110 (nulled). On the YB-305, the Roseville station was about at par with LA’s Radio Disney. The Ocean Boy 70 nulls more deeply, although some of that may be due to the higher noise floor.

Although Grundig as a company has seen better days (it's now owned by Sampo of Taiwan and the automotive radio division was sold to GM's Delphi), it still tries to live up to its past image. First thing that strikes you is the styling. It's quite unlike most Asian-engineered boxes, and according to Grundig's web site, the Ocean Boy 70 won a design award.

Secondly, although it is a multiband receiver, it is designed for the average listener. The styling dictates the user friendliness, which means that it's meant for people who have their favorite



stations programmed into the 20 presets. The up/down slewing is fine on LW, MW and FM, but is not practical for regular SW "channel surfing". The fast scanning mode took 15 seconds to go from 522 to 1620 kHz by 9 kHz jumps, 23 seconds to go from 87.5 to 108.0 MHz in .1 MHz jumps, and 15 seconds to go from 144 to 281 kHz in 1 kHz jumps. It just takes too long to run through all of the SW band! I timed approximately 23 seconds to go 1 MHz, or 3 minutes 38 seconds to run from 5.950 to 15.600 MHz. Presets could be used as jumping on places, however.

Low battery indicator (top right)

This is a great radio to have on your nightstand, as it has a very legible illuminated display with the frequency and time in numerals approximately one half an inch tall. The alarm function is practical as well. Wake to a buzzer or your favorite station, and the adjustable sleep function is great for falling asleep to your favorite station. The snooze button has a unique shape and is easy to find without looking. While it has good sensitivity and selectivity for a radio of its' size and price range (less so on SW), it is not designed to be used the way a DXer would. It does pass the spouse test—my wife uses it every morning!

Summary

In summary, the plusses and minuses:

Plus	Minus
4 Wavebands (FM/LW/MW/SW 49-19m)	MW only to 1620 kHz
Clean, award-winning design with minimal clutter	No MW splits tuning (or 1 kHz as allowed on LW)
Illuminated display, timed to save battery power	No direct frequency entry
Good sensitivity/selectivity; good sound quality from internal speaker	One SW dial with a long slewing time
9/10 kHz tuning options on MW	No stereo with headphones or RDS on FM
20 independent memories usable on any band	Higher noise floor than competing receivers
Deep nulls with internal ferrite bar antenna	No signal strength indicator
Battery backup for station memories and clock functions	No external antenna or ground connections
Standard 6V power jack	No tropical bands or 16-11m receptions on SW

Unlike the Ocean Boy 510, which only tunes in 9 kHz steps on MW, the Ocean Boy 70 is adaptable to North America. It appears now that Grundig models by Lextronics, now Eton, are becoming a thing of the past. Perhaps Grundig will resume marketing in North America with the help of Sampo. If so, this would be a great item for Sharper Image, but it really is designed with the average European listener in mind.

GRAVEYARD CHANNEL DX

by Les Rayburn, N1LF

The most crowded channels in the AM broadcast band are the so called "Graveyard" channels of 1230, 1240, 1340, 1400, 1450, and 1490kHz. On average, there are 150+ stations operating on each frequency. The majority of them run 1000 watts day and night into non-directional antenna arrays. Listening to any of these frequencies after sunset can sound like a crowd at a baseball game, making reception of individual stations very difficult.



Newcomers to the hobby might well think it was impossible to hear any single station at great distances, but in fact, many of these stations have been heard at distances of over 2,000 miles or even more. Receptions of 600+ miles are commonplace.

Spend some time looking over the Graveyard DX Achievements web site maintained by Bill Hale at: <http://www.angelfire.com/tx2/phantom2/> You'll quickly notice that the names of certain DX'ers appear over and over again in the record books. In an effort to log more stations on these crowded frequencies, I've sought the advice of some of the most successful among that group. In the process, some knowledge has been shared that may be of use to others.

This article will share some of the questions posed, and then highlight the answers given. In some cases, I'll also share some of my own thoughts, though I have far less experience than most.

In your experience, what is the most productive time of day for hearing DX on the graveyard channels?

Although my recordings at the top of the hour overnight have been quite productive, I still think sunrise and sunset are the best times on any frequency, including graveyards. -*Paul LaFreniere*

Early morning prior to sunrise because no two mornings are the same and DX can come from any direction. -*Mike Stonebridge*

I haven't done an analysis of the times of my loggings, but they are fairly well spread through the nighttime hours. Basically, the best times are those in which propagation is abnormal in some way, favoring certain directions and/or distances, and thus stirring up the GY mix. This includes sunrise/sunset of course, as well as times when there are auroral or other disturbances. Sunrise has been particularly fruitful here - so much so, that I often record and check BOH intervals that occur within an hour or two of sunrise. -*Barry McLarnon*

Definitely the use of overnight, unattended recording is the big boon for me. It's responsible for my GY totals increasing from one local per channel (total 6) to my current total of 95 across the 6 frequencies. I never realized that, by parking on a frequency, something would actually pop out of the noise at ID time :-). My personal best is three different station IDs at one TOH. -*Brett Saylor*

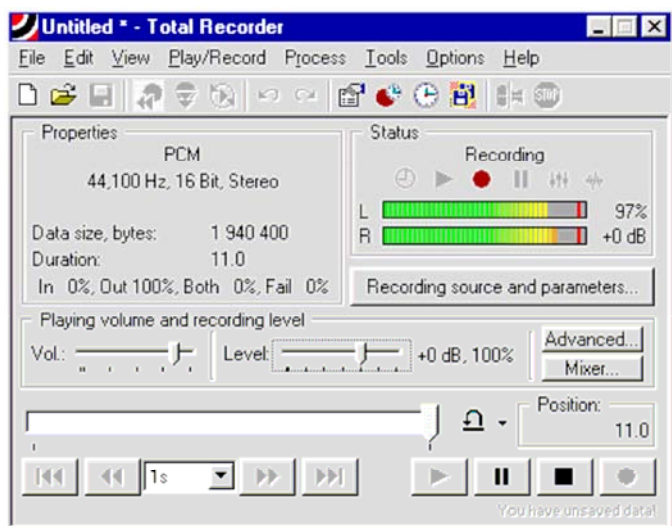
That has changed over the years. It used to be between 2300 and 0105 local time. Second best would be 0100-0300 for then-common frequency checks. Today, I'm not sure if there is a 'best time', but sunrise and sunset enhancements apply to all channels equally, so that might be the best shot today. -*Russ Edmunds*

That is a question I ask myself often. After about a year of this, I have concluded that about an hour before sunrise to two hours after and one hour before sunset to two hours after are the most productive for me.-*Russ Johnson*

A bit after local sunrise in order to grab ones that are not too far away (e.g. Virginia from Ontario), but at the same time while a channel sounds less cluttered. After local midnight or 1AM some stations still sign off, leaving less clutter on the channel. And sign offs stick out!-*Neil Wolfish*

Use some sort of overnight unattended recording equipment. I use Total Recorder and it has enabled me to increase me GY totals from 25-30 GYers logged to my current 73 GYers in the log.-*Bruce Winkelman*.

Most DX'ers seemed to be in agreement that there was no "best" time of day, other than SRS/SSS, when it comes to logging new ones on the graveyard channels. It's more a matter of being at the right place at the right time. The one tool most often cited to make this possible is the use of the "Total Recorder" software by High Criteria. At a cost of only \$11.95 for their basic software, it may be the best value in DXing. Most DX'ers seem to record a period of about two minutes prior to the top of the hour (TOH) until about seven minutes after. Experience indicates that at least 1/3 of all loggings will come just after network news at around five minutes after TOH.



Total Recorder has a "schedule" feature that allows you to set up TOH recordings for the entire day. With a few more clicks, you can convert these files into smaller compressed .MP3 files. Most DX'ers will then review these recordings during the next day.

Some burn the files to CD's and listen to them during their commute times. Others will steal a few minutes during their lunch break. But all agree that this one tool is responsible for a lot of new loggings.

You can download a trial copy for free at: <http://www.highcriteria.com>

Some comments about this software are in order:

I've been recording for over a year, and I record TOH from xx:58-xx:03 every hour from before local sunset to after local sunrise the next morning. I record xx:29-xx:35 on the BOH for the "critical" hours, too. I try to review the recordings the next morning, but usually don't get to it until the weekend (if ever!). I usually will drill directly to the xx:59:50 mark to catch the few seconds before TOH where most ID's occur. I know I miss the other possible times for ID's, but since I don't have a lot of time that's all I can afford. Oh yes, by the way, I sync my PC clock daily using NISTtime [software] to make sure it's within a second or two of actual time. -*Brett Saylor*

I no longer have the patience to sit on the graveyard channels for long periods any more unless I'm receiving a solid signal, which isn't very often. Just too much of a jumble, so all my graveyard DXing is done by timer and recorder. It's quite amazing how the channel can be a mass of stations and right at the TOH I hear a clear full ID, and then it's gone. Most nights everything is set for the period two minutes before to three minutes after every hour from midnight to sunrise. This method has produced 13 new graveyard loggings so far this winter.-*Mike Stonebridge*

Is there a season of the year that seems to result in more new loggings on the graveyard channels?

Summer has definitely been more productive for me. My own opinion on this is that in the winter it is still nighttime conditions at 0500 & 0600. In the summer it is SRS conditions at those hours.

Nearly all of my loggings have been from March or April through September. I have never bothered to determine the length of time any one station dominated the frequency or the weather conditions at the time [pressure reading, temp, whether it is cloudy etc].

I was always thinking of determining what the average distance is for these loggings. I do know that many times a station will show up for two or three nights consecutively and then disappear for good. Also--there are graveyard pests. I have found that two or three stations on each frequency are in often.- *Paul LaFreniere*

I find that spring and summer are best for GY; however, I can't provide you with an explanation. - *John Vervoort.*

Absolutely! Many of my best GY catches have been in the summer months. Propagation conditions are different than in the winter, so the "mix" tends to be different. I'm also convinced that sporadic E plays a part in MW propagation, and Es is obviously more common in those months. With fewer interesting catches available on the other frequencies, summertime is a great time to concentrate on the GYs. -*Barry McLarnon*

Summer static is less of an issue on a frequency where 50 stations are piling up to produce a constant S9+40db signal. Though I check in with the GY frequencies throughout the year as conditions are always changing. -*Rick Kenneally*

A DX season of any kind is pure myth, especially nowadays, with modern receivers and antennas successful MW DXing can be anytime of year. The only difference between the warm and cold weather months will be that local thunderstorm activity can cause temporary shutdowns. (Examples: Thunderstorms in New Hampshire made DXing impossible during the recent WTAM downtime, yet one summer while visiting Tampa, Florida, I could DX between storms to log some interesting Cuban signals.)

The best time to DX during the summer months will be at local sunset when atmospheric conditions are varying widely (although thunderstorms tend to be strongest before local sunset), and during the pre-dawn hours when thunderstorm activity cools off for the most quiet noise levels. -*Bruce Conti*

I agree that summer can be more productive. Atmospheric conditions are more variable and not as good, often resulting in more surprises. That said, however, I've also found, as Bob Foxworth mentioned, that conditions to New England from the Mid Atlantic States are best then. The final reason is the existence of extensive networks for major and minor league baseball.-*Russ Edmunds*

How do auroral (AU) conditions affect the graveyard channels? Do you find these periods to be more productive?

Being this far north aural conditions usually wipe out all DX at this location. During a high aural period I consider myself lucky if I can hear any station outside of Alberta.-*Mike Stonebridge*

Only if there are stations 100+ miles or so to the North which normally dominate the frequency.-*Russ Edmunds*

AU conditions are a good time to check out the GYs, if you can tear yourself away from the other stuff. My logging of WFOY was in AU conditions, and there are quite a few more like that in the

log. It's hard to imagine hearing a Florida station essentially alone on a GY channel under any other conditions from this location. (Ontario, Canada)-*Barry McLarnon*

They bring in neat stuff for Ontario DXers, like SC, FL, AL... as long as the AU isn't too severe. If that happens, then all I get is ground wave from the nearest GY station to me.-*Neil Wolfish*

Answers to this question seemed to vary a lot by the location of the receiver. Here in the Southern US, I find that AU conditions can have the effect of reducing some of the clutter on the crowded local channels, by attenuating signals from Northern stations. Many of my new loggings from Florida GY's have come during periods of severe AU conditions.

Are there any types of antennas, equipment or receiver settings that you find helpful on these crowded channels?

ECSS [Single Sideband] is about the only way I DX these days. It is much easier to pull an ID out of the jumble. That is one way the Drake R8 really "sings" in the ECSS mode. Many catches I would never had heard without it.-*Patrick Martin*

One technique I use is to tune off frequency 1-2 kHz. Sometimes stations can be heard out of the hash. Then I de-tune my loop (variable capacitor) and then tune back into the frequency until a station is audible. I don't completely peak the signal. This is how I heard KSMA on Saturday, in for about 8 minutes before they faded down.-*Martin Foltz*

The passband tuning on my R8 makes it possible to choose a sideband and peak it for the best sounding audio on the graveyards, which is important - I find that getting rid of the bassy "rumble" of the GYs makes the ID's stand out better.-*Brett Saylor*

I use an AOR-7030+ receiver set on b/w of 4 kHz and my K9AY antenna. I find this antenna is superior to my EWE because it has much lower noise levels. I usually adjust the null against one of the regulars, if one is on top.-*Mike Stonebridge*

For unattended recording, the Sony 2010 is my choice. With its mechanical on/off switch, it works great with digital timer and mini-disc recorder - plus the synch detect is very helpful. For live listening, my choice is a modified Icom R75. Copying in ECSS mode is a dream with the R75. Passband tuning is very effective. I am also a big fan of the little Koss EQ-30 or EQ-50 portable equalizer. Some adjustments with that can make the difference in understanding an ID or not. Of course, good headphones are essential. My current favorites are the Telex Airman 760 (aviation use).-*Russ Johnson*

The Quantum Phaser has been valuable as well, allowing me to null the semi-local GY'ers and with luck, my one local on 1340. On all GY frequencies except 1340, I can set the phaser to enhance reception to the north or south. I haven't had as much success peaking reception to the east or west for some reason....perhaps it is due to the configuration of the wires.-*Bruce Winkleman*

I always use SSB mode, choosing whichever sideband has the least adjacent channel splatter, along with a 4 kHz IF filter.-*Barry McLarnon*

One type of antenna that has shown some promise on the graveyard channels is the use of NVIS [Near Vertical Incidence Signals] antennas. Most of these are common antennas mounted close to the ground so that they favor high angle skywave signals.

Usually DX'ers seek to receive low angle signals, since these represent the stations farther away from the receiver. But with graveyards, using a NVIS antenna can have the effect of "turning down the noise" on the frequency by reducing the signal levels from those more distant stations.

My NVIS antenna is a simple dipole cut for the 80 meter ham band, mounted only ten feet above the ground. Since erecting it, loggings of "medium distance" GY stations has improved, adding several new ones in the 400-600 mile distance range. The NVIS antenna also seems to work wonders when used as a source antenna for my Quantum Phaser. Using it in combination with a whip or beverage on the ground (BOG) can dramatically affect null levels.

Other antennas such as loops seem to be less useful on GY channels due to the number of signals coming from multiple directions. They can be very helpful if you have a local station on one or more of the frequencies.

Do you use software to process your recordings of graveyard ID's and what results have you seen? Is there other software that you find useful?

Cool Edit [Now marketed as Adobe Audition] is essential for normalizing, filtering, and slowing down the playback to determine IDs. Probably half of what I've added to the log is the result of this tool. I would not have WKDK's DX test (where this all began) or Poynette's WHFA without Cool Edit.-Gerry Bishop <http://www.adobe.com/products/audition/main.html>

Regarding other software I do use TrueTime WinSync which keeps my computer (with cable modem) within a second or so of accurate time!-Tom Kenney <http://www.truetime.net/software-winsync.html>

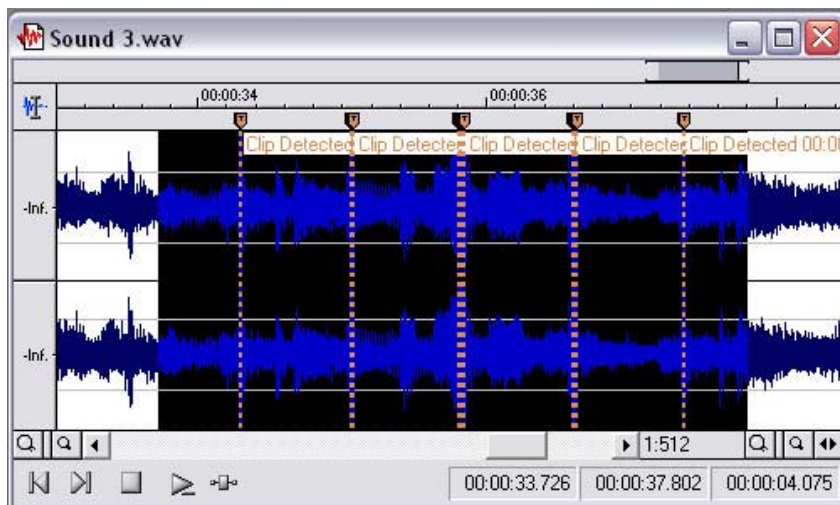


I play back in WinAmp, but if I need to edit I'll use CoolEdit. I don't do nearly the slow-down/clean-up that Gerry Bishop or Russ Edmunds do, but will occasionally tweak a file for better readability. I recently downloaded a trial version of Adobe Audition (which is what they renamed CoolEdit when they took it over) but I don't see many reasons to consider switching to it

(considering the price).-Brett Saylor <http://www.winamp.com>

My personal experience is with Sony's Sound Forge 7.0 software. Similar to Adobe's Audition software, this software has a lot of uses when dealing with recorded computer files. I import my files one at a time from Total Recorder.

Right away, you can see a very detailed waveform of the recorded file, sometimes allowing you to



visually see where events such as a TOH ID take place. You can slow down portions of the file (such as an ID) to make it easier to separate consonants, you can apply advance noise reduction algorithms, and apply EQ to help pick up key words. Both Sound Forge and Adobe Audition are expensive, but they're also very powerful. I'll echo Gerry Bishop's comment; there are quite a few new ones in my log that I wouldn't have gotten without the software.

<http://mediasoftware.sonypictures.com/Products/>

Any thoughts on why some nights the GY channels seem to just be a jumble of noise with few clear ID's, while other nights yield lots of clear ID's?

I've never timed it out, but my experience has been shorter periods of one station dominating - more like 3 to 5 minutes. But I've noticed no particular patterns of note other than the 'usual' ones such as severe aurora or the approach of a very strong weather pattern in winter. -*Russ Edmunds*

When the GY stations were 250/500 w at night... the situation was VERY different than it is today. As others have noted, stations would fade in and out and listening to a GY frequency produced many new loggings for me.

However, since they all are now 1kw day/night, the situation has changed, at least for me! There is typically one dominant station... and a bit of a jumble underneath. Very occasionally, a 2nd or 3rd station will fade in for a bit... but with IDs being what they are these days (perhaps once an hour) it is very difficult to LOG anything. And the fade ups tend to only last for 2-3 minutes vs. the 15-20 minutes of the past. -*Phil Bytheway*

This has always been a mystery. And more the mystery when three TOH pass with just a jumble, and the next hour will bring four ID's in 15 seconds, each clear. I'll offer that when signals are much jumbled, propagation is quite good to the point of overwhelming. I have no evidence, Just a hunch. -*Gerry Bishop*

Those of us who like to hang around on the GY channels often remark on the way they are usually a total jumble, and then, inexplicably, sometimes they magically become un-jumbled and provide some good loggings.

Last night I had a good example of this phenomenon. I trolled 1230 with timed recordings overnight. For the TOHs at 0100 and 0200, there was mostly a jumble with IDs.

Then the veil lifted, and I had a remarkable series of TOH catches. At 0300, a crystal clear ID from WGRY Grayling MI, nearly alone. At 0400, the same thing, but this time it was WMSH Sturgis MI. Ditto at 0500, only this time it was WTKG Grand Rapids MI doing the honors. WTKG was still holding on at 0600.

At 0700, the dominant station went through TOH with music, but at 0701 provided a nice clear ID as WCWA Toledo OH. At 0800, WCRO Johnstown PA stepped up to the plate. WCOL Columbus OH also slipped in there at times, so that's 8 good IDs in one session, and I could probably find a few more if I had time to listen to more of the recordings. -*Barry McLarnon*

Yes, GY DXing isn't exactly what it used to be. I have the same situation both in Azusa here and also back in San Jose. One station tends to dominate for the most part with hash underneath; though there are some frequencies where two or three will try to equally dominate (1490 is a good example).

1340 is a very interesting frequency, it tends to sound like a pure 'rumble', no one really dominates except when I get decent conditions to northern Baja then XEAA will totally dominate. 1450 is a beautiful frequency down here, I had Reno dominating the other night, some nights it's Escondido, some nights Porterville, even Tucson. Depends on conditions particularly if AU. -*Robert Wein*

This phenomenon is widely reported, but after over a year of coordinated monitoring by DX'ers of the same channel overnight, we're no closer to explaining how it works. It is what adds to the thrill of DXing these crowded channels. You'll review recordings of 5 or 6 hours in a row with only a jumble of noise and the occasional pest that you've logged before, and then suddenly be rewarded with a station that you've never heard a single trace of before and it may even be crystal clear.

What advice would you give to other DX'ers about the graveyard channels?

Patience, patience, patience. It is so much harder today for so many reasons - more stations, more full time operations, no special tests (frequency checks) increased noise. Other than unattended recordings, I don't spend a lot of time on GY's any more because the 'return on investment' of time is so low in terms of new loggings.-*Russ Edmunds*

Two words: timed recording. Whether I'm at the receiver or not, I try not to ever let a TOH slip by without recording on some channel, and I often leave the receiver on a GY channel if I'm not chasing something else. Recording onto a PC makes it easy to review them, and you can try various processing to enhance the recordings if you're into that, not to mention archiving your catches and getting help with UNIDs by sharing audio clips with others. My PC is on 24/7 and is near my receiver, so it's easy to set up timed recording and just let it run. I usually record 8 minute segments around both TOH and BOH, starting at :29 and :59 minutes past the hour. The recording period extends at least an hour on either side of sunset/sunrise. It doesn't take long to review a bunch of TOHs (if I'm short of time, I don't bother with the less-productive BOHs). If I hear something interesting but I can't ID it right away, I make a clip, label it, and store it away in an UNID directory. Some rainy day when propagation is lousy, I can listen to them again, and occasionally am able to dig out an ID that I missed previously. In addition to listening to the time right around TOH, it's also very worthwhile to check around 4 or 5 minutes past TOH, when many stations are coming out of their news break.

Even if you don't do timed recording, it's essential to have good recording capabilities. Without it, GY DXing would just be frustration. And if you want to be truly successful at it, timed recording is a must.-*Barry McLarnon*

What I used to do is to "sit" on the GY freq. near the top of the hour. I used to run a timer to turn the recorder on from :58 to :02 or :58 to :07. Sometimes an ID will run between the spots out of the news and the programming which is mostly satellite talk on the AM dial now. The GYers can be a lot of fun. Any person new to DXing should spend time on these channels. You never know what might pop in!-*Patrick Martin*

When listening, use head phones, and an audio recorder. Spend time at the dials. Graveyard stations are a lot of fun.-*Doug Pifer*

I'm fascinated that we're all parked on the same frequencies at the same time, and we so often don't even seem to experience similar propagation. There's a lot to be said for being in the right place, right time, and knowing what to do with the sound coming through the headphones. *Gerry Bishop*

Use some sort of overnight unattended recording equipment. I use Total Recorder and it has enabled me to increase my GY totals from 25-30 GY Stations logged to my current 73 in the log. Definitely rig up some unattended recording method. Let your top of hour recording sessions go at least till: 07 past the hour. I use the Russ Edmunds :58-:07 method. This will let you catch some local programming (ads, weather, ID, local news, etc) after the network news is over.

If pressed for time, fast forward though the network news - you are unlikely to catch anything new during that. Set up multiple antennas if possible and alternate during the week to improve chances of snagging something. For me, having a manageable number of tracks to listen to each day (six or so) is preferable to letting a huge number build up.

When the frustration of not logging anything new for a long time gets the better of you, take a break on a non-GY frequency at least until you log a new one!-*Russ Johnson*

Don't trust your ears, at least at first....listen, re-listen, re-listen and re-listen again. Go back later and re-listen again to the recording.-*Bruce Winkleman*

You must have at least a few months of experience and also a great deal of patience. The more you practice, the better you'll become.-*John Vervoort*

Learn the format of your local/regulars; Grab a good book or a crossword puzzle and park yourself on a frequency until you determine who is dominating. Then move on to the next frequency. If you have an "opening" to one area, capitalize! If you hear Green Bay on 1400, look for other Wisconsin Graveyard stations too.

Don't be fooled by a strong signal with something like Jim Bohannon or Art Bell... you might discover that you are hearing three stations all carrying the same thing until they break for news and ID. And then you have 3 weak signals; Have a tape recorder running to play back IDs and spots (especially when "E" can sound like "B", etc.) Have some familiarity with professional and college sports nicknames; Patience.-*Neil Wolfish*

I wouldn't do a session with the web site www.100000watts.com. It seems to be the most up to date listing of stations, their formats, etc. available on the web. For portable operations, I always carry a copy of the latest NRC AM Log. -*Les Rayburn*

So, you've gotten the bug and want to become a "gravedigger"...where should you turn for even more information about logging these elusive stations. There is an e-mail list devoted solely to DXing the Graveyard Channels. Usually we pick a channel to concentrate on during the coming week...then exchange notes on what we heard. Frequently members will post short sound files of stations they are having troubling Identifying. Often just getting another set of ears to listen can help clear it up.

We also exchange information about the stations, and have limited discussions about the technical side, usually software dominates those topics. To subscribe, visit this web site:
<http://topazdesigns.com/mailman/listinfo/gy>

Another great source of information is the original article on the subject, written by the master, Bob Foxworth. This reprint is available from the National Radio Club. Ask for C Reprint is D11, "Successful Long-Distance Reception on the Class-IV Channels". Written in early 1974, but much of the information is still very valid. I highly recommend it to anyone serious about this part of the hobby. Write: NATIONAL RADIO CLUB, INC. Publications Center Order Form P.O. Box 164, Dept W Mannsville NY 13661 USA

Bill Hale's excellent web site <http://www.angelfire.com/tx2/phantom2/> is also a vital source of information. Bill keeps track of the record reported reception distance for each station. He even divides it into two types, Prior to 1960 and after. One check of the records indicates that things were much easier to log in good ole days.

Listening to the graveyard channels holds other rewards as well, especially early in the morning. You can still find quite a few locally owned and operated stations. You'll get school closing, lost puppies, and a lot of the regional charm that always made it so interesting to listen to distant radio stations.

It's still possible to hear the national anthem or phrases like, "WBAC now concludes another broadcast day"... Perhaps that's why these channels earned the nickname "Graveyard" to begin with. This is the way radio used to be...and perhaps someday will be again.

The author wishes to thank all the DX'ers listed in the article for sharing their wisdom with all of us. Any mistakes are mine, any credit should rightly be theirs.

NEWFIE DXPEDITION #14

by Jim Renfrew

NOV 7-14, 2004 Cappahayden NL

AURORA GOLD

As Jim stepped out his door in western New York to travel to Newfoundland for this year's DX'pedition he was astounded to see a huge aurora borealis extending to the SOUTHERN horizon. This was definitely not the kind of aurora normally seen in western New York! He wondered how it might affect our listening over the next few days. Indeed, John and Jean, who were already on site in Cappahayden, reported that European TA signals stopped so suddenly on Sunday night that they wondered if the antenna wire had been cut. The Avalon Peninsula sky was overcast, so they were unable to see the visual clues. And so it went for the entire week, European signals were nearly completely absent, with only a few of the Iberian signals able to make it across with any regularity, and even those stations were weak and fuzzy. You will note, in the report below, that European stations mostly disappear after November 7th.

Perhaps we took subconscious inspiration from famed Prince Henry the Navigator, who upon finding trade routes to the east blocked, sent his Portuguese ships far to the south in order to explore the waves. And so we found gold in that Aurora, with exotic signals creeping in as we headed left at Madeira towards the Cape of Good Hope and beyond to the other side of the world. There was even more gold to be found when we turned right at Madeira and found DX riches on the shores of the New World, and even beyond Tierra del Fuego. Whether Prince Henry's ghost was there to steer our attentions, or not, it would have been of great benefit if he could have helped with some translations of transmissions from the Portuguese-speaking world!

We found some long-desired DX targets, but in the spirit of those early travelers reaching the edge of the known world we also found a few stations not shown on any map. But, most important, we have lived to tell the tale – although Jean and Jim were delayed by the nearly two feet of snow that closed the Halifax airport the morning of their departure.

AURORA CENTRAL

Our DX facilities have changed. The old DX Inn at Cappahayden is no more, with scattered foundation stones, a few rusting ground rods and orphaned antenna stakes for the intrepid anthropologists of the future to ponder in their efforts to fathom the people and purposes of our



age. Sadly, not even a brass plaque is to be found there to memorialize the night that India was received for the first time (they have plaques all over Avalon for various trans-Atlantic things, so why not this?) Only Ubu, the DX dog of DXpeditions past seemed to share in our sense of loss as he wandered by.

Our new location is Round Cove Bed and Breakfast, just a bit to the north, with hosts Ollie and Ken Perry. The location is not quite as good for stretching antenna wire, and there is a noisy power line close at hand, but the comfortable beds, efficient plumbing, a DX Den in the basement, and hot meals do more to lift the spirits! The B&B is situated alongside the East Coast Trail, a wondrous hiking track that hugs the seacoast from Cappahayden to north of St. John's, with seals, whale bones, and container ships visible to the sharp-eyed. One afternoon – remember this was mid-November - we were amazed to see two surfers out in the waves of Round Cove! It's always nice to see that there are people screwier than ourselves!

TEAM AURORA

Jean Burnell, Halifax NS, Drake R8A, ICOM R71A (Jean had two tape recorders running)

John Fisher, Kingston ON; Drake R8, Sony 2010

Jim Renfrew, Byron NY, Drake R8B, Quantum Phaser, Editor



Various wires aimed at Europe and South America, broadband pre-amps, splitters, antenna transformers.

AURORA LOG

Please note that this report focuses on new or previously logged station of propagational interest. Many, many others were heard. For your information Jean Burnell, along with the many participants in past NF DXpeditions, have logged nearly 2000 medium wave stations. The program details shown below are deliberately sparse to reduce QSL thievery, which does exist, unfortunately.

Many apologies for the delays in getting this into print – Jean had two cassette recorders going at all times, resulting in a huge pile of tapes to review. We were also checking with other sources to help us identify some of the stations and languages heard. And, finally, Jim (our editor) has been more distracted than usual getting ready for his wedding in March!

AURORA LOG - OLD WORLD

- 531 BOTSWANA R. Botswana, NOV 8 2207 – heard a little later than the others, // 1215, under RDP.
- 531 MADEIRA RDP, Porto Santo, NOV 7 0113– Antena 1 pgm //666. SINPO 43433
- 576 SOUTH AFRICA R. Metro, Meyerton, NOV 8 2255 – Interview, “here on Metro” just before 2300, then pop music; SINPO 23432.
- 585 TUNISIA RTT, Gafsa, NOV 7 2132 – Arabic; talk about football, then guitar music, // 630; SINPO 32552 under Spain.
- 656.98 SOUTH AFRICA R. Pulpit/R. Kansei, Meyerton, NOV 8 2200 – Gospel music, promo in Afrikaans at 2123, with ID in English at 2200, “You’re listening to Radio Pulpit, the station with the Good News”; SINPO 24332.
- 666 GERMANY SWR, Rohrdorf, NOV 7, 0052 – German talks and MDR Info news at 0100; SINPO 33333
- 666 ALGERIA ENDS, Tindouf, NOV 11 1949 – Koran recitations, // 549; SINPO 23332.

- 666.05 ALGERIA Alger Chaîne 1, NOV 11 1940 - // to 549, and slightly behind 891.
- 675 NETHERLANDS Arrow Rock R., Lopik, NOV 7 0302 – Rock music, ID; SINPO 34444.
- 747 NETHERLANDS R. 747 AM, Zeewolde, NOV 7 0124 – Interviews, pop music; SINPO 43443.
- 783 MAURITANIA R. Nouakchott, NOV 10 1908 – “Huna Nouakchott”, // shortwave. The northernmost (18 degrees!) signal to be unaffected by Aurora during the week.
- 810 MACEDONIA RT Macedonis, Skopje, NOV 7 2057 – Balkan music, time pips and Radio Skopje ID mixing with Spain; SINPO 43444.
- 846 SOUTH AFRICA, Umhlobo Wenene, Komga, NOV 8 2236 – African music, ID’s over the music in an Unid language; SINPO 33333
- 873 NORTHERN IRELAND BBC R. Ulster, Enniskillen, NOV 7 2000 – Pips, ID, the only frequency announced was “1341;” SINPO 22332.
- 873 GERMANY AFN, Oberursel, NOV 7 1956 – NFL football play-by-play; SINPO 33433.
- 873 BOTSWANA R. Botswana, Gansti, NOV 8 2008 – and all the parallels except 621 and 648. New.
- 873 MOZAMBIQUE EP do Sofala, Beira, NOV 9 2004 – African music, far beneath Spain but had been // Manica 1026 a little earlier; SINPO 22332-1. Jim stayed with this quite a bit around this time and it was definitely // to 1026. NOV 11 2122 – Pop music, “Rádio Nacional” ID; SINPO 24322.
- 909 BOTSWANA VOA Relay, Selebi-Phikwe, NOV 9 1957 – VOA news program in English; SINPO 33343.
- 918 SLOVENIA R. Slovenia, Domzale, NOV 7 2106 – News, fading below Spain; SINPO 32432.
- 936 GERMANY R. Bremen, Bremen, NOV 7 0048 – Oldies, news at 0100; SINPO 23432.
- 945 ANGOLA R. Nacional, Cazenga, NOV 8 2137 – Occasionally breaking through with news in English and music, seemed to be in Portuguese after 2200; at best SINPO 23322. NOV 11 2036 – French news then music, short bit in Portuguese around 2058, then English from 2100; no sign of reported DR of Congo, QRM was likely R. Kebbi with Islamic programming, SINPO 33233. NOV 11 2043 – heard with French language international service, // 4950 kHz.
- 945 NIGERIA R. Kebbi, Birnin Kebbi, NOV 8 2136 – Mainly Islamic talks in local language (likely Hausa), ID at 2200; SINPO 23332. NOV 11 2045 & NOV 12 2155 – tentative with EN talk, pips at 2159:45
- 963 SPAIN R. Euskadi, San Sebastián, NOV 7 2300 – Increasing strength rapidly, ID’s; SINPO 33433.
- 963 TUNISIA R. Tunisie, Tunis, NOV 7 2259 – French; news, being overcome by Spain; SINPO 32432.
- 963 FINLAND YLE, Pori, NOV 6 , 2258 – Finnish talks. Only heard on the first day before the solar disturbance; SINPO 34433.
- 972 BOTSWANA R. Botswana, Sebele, NOV 8 2017 – African talk, // 1215 and 1350; SINPO 33333.
- 972 GERMANY NDR Info, Hamburg, NOV 6 2321 – ID with frequencies, pop song; SINPO 33443.
- 990 SPAIN SER R. Bilbao, Bilbao, NOV 9 1851 – All talk, local news items, ended with goodbye to listeners in Basque region, network news at 1900; SINPO 33443.
- 1008 CANARY IS. Punto R., Las Palmas, NOV 7 0100 – Pips, long jingle and ID, pop music; SINPO 44554. NOV 9 1943 – new slogan.
- 1008 NETHERLANDS R. 10 Gold, Flevo, NOV 7 0120 – Oldies, jingle ID; SINPO 44554.
- 1026 NIGERIA R. Jigawa, Dutse, NOV 8 2104 – Talk in African language about Nigeria; SINPO 43333 with QRM from Spain. NOV 9 1932 – African talk about Jigawa; SINPO 33323. NOV 9 2038 – unknown language with what sounded like news. Around 2030 the news was in EG, concluding with “This news bulletin is from Jigawa, Nigeria”. NOV 8 2111 – Talk in African language about Nigeria; SINPO 43333.
- 1026 MOZAMBIQUE EP de Manica, Chimoio, NOV 9 1925 – National program, // Beira 873; Portuguese talk about elections and candidates in various regions of Mozambique, some music; SINPO 33333 at peaks, otherwise mixing with Jigawa and Spain. At 2005 there was a flute-like IS on both channels.
- 1062 NIGERIA R Nigeria, Onitsha, NOV 8 2124 – English news mentioning Radio Nigeria and off at 2126. SINPO 22332 with transmitter hum.
- 1071 BOTSWANA R. Botswana, Jwaneng, NOV 8, 2022 – Hymn, man with religious talks in African language; SINPO 34343. On all of the parallels except 621 and 648 kHz.
- 1088 ANGOLA R. Nacional, Mulenvos, NOV 11 2026 – Talk and music, “Angola” at 2032; SINPO 24232. NOV 12 2139 – piano music // 4950 kHz.
- 1107 NIGERIA FRCN, Jaji, NOV 12 2135 – tentative, with high-life music.

- 1125 MADEIRA Centro Regional da RDP, Ponta do Pargo, NOV 12 1856 – Old-fashioned jazz, ID and news at 1900; SINPO 23332. NOV 13 0010 – Pop music; SINPO 34333.
- 1125 NIGER La Voix du Sahel, Niamey, NOV 12 1902 – Tentative; French news (African accent), mentioned Niger during Madeira fade-down, but no ID; SINPO 22322-1.
- 1134 CROATIA Voice of Croatia, Zadar, NOV 6 2324 – English, financial news; SINPO 44554.
- 1134 CHINA/TIBET CNR, unknown site, NOV 9 2238 – Chinese talk, Man and woman with news program in Standard Chinese; SINPO 33433 initially. Could not find a parallel, but this one has been reported in Medium Wave News. The location is not given in the WRTH, though it probably has considerable power. Very interesting how this signal made it to Newfoundland with Europe and North Africa nearly totally lost to the aurora. Not heard subsequent nights. See 1377 logging.
- 1134.03 ANGOLA EP de Bengo, Mulenvos, NOV 10 2015 – Portuguese talk, garbled ID; SINPO 32322. NOV 11 2010 – National program (// 1484.50) to 2014 with a political speech, then provincial program talking about issues in Bengo; SINPO 44233. At 2055 “Radio Nacional” was mentioned. We weren’t sure where this station was broadcasting from, but it was very strong over the course of several nights well into the evening. On NOV 12 1941 reference was made to “Luanda ... en la capital”, and the signal was // 1484.50 and 1403.71 at the time. NOV 12 1948 – Telephone chat; SINPO 24442. NOV 12 2030 – Music, clear ID’s at 2034, 2100 (before Nacional news) and 2106; SINPO 35343. Bengo is unequivocally ID’ed, but the transmitter site is indeed from the 2005 WRTH. Mulenvos would make sense. Bengo province surrounds Luanda, so that R. Nacional would have a transmitter site in Bengo, i.e., out of town.
- 1143 GERMANY AFN, many small stations, NOV 7 1959 - NFL football play-by-play; SINPO 22322-1.
- 1143 RUSSIA/KALININGRAD Russian Internat. R., Bolshakovo, NOV 7 2000 – News, ID at 2005, accordion music; SINPO 33433.
- 1152 SPAIN RNE 5, Malaga, NOV 9 1857 – “Radio Cinco Andalusia” regional ID, // 1413.
- 1161 SPAIN Euskadi Irratia, San Sebastián, NOV 6 2143 – Folk music program; SINPO 34433.
- 1170 UAE R. Farda, Al-Dhabayya, NOV 6 2250 – Pop music, two ID’s, telephone tones; SINPO 33443.
- 1170 NIGERIA Abeokuta, NOV 12 2022 – tentative, with EN news.
- 1187.91 MOROCCO RTVM, Casablanca, NOV 8 2026 – Choir, but later Arabic talks, local music, ID at 2102, news; SINPO 23343. NOV 11 1956 - an early TA all week that Jean finally paralleled to 1044. NOV 11 1959 – Arabic talk, ID and news at 2001; SINPO 25343.
- 1196.70 ANGOLA EP de Malanje, NOV 9 1904 – Heard “R. Malanje 23 26” ID announcement twice. Not sure what the numbers mean, as they don’t relate to the local time. This station is listed on 1188 kHz, but we found it here throughout the week. SINPO 24332 with some splatter from Family Radio. NOV 10 2020 – Portuguese; news reports; SINPO 24242, using LSB to avoid Lesotho.
- 1197 LESOTHO Family Radio, Lancer’s Gap, NOV 9 1902 – Hymns, program in Portuguese; used USB to avoid Angolan QRM, initially SINPO 24432, but up to 34343 at 1933. We wondered what this signal does to the Angola broadcast on 1196.7! NOV 12 2000 – ID in English; SINPO 34343.
- 1215 BOTSWANA R. Botswana, Mahalapye, NOV 8 2008 – African language and music, // 972 and 1350; SINPO 33433 with a 1 kHz het. This one was heard every night during our stay.
- 1242 ENGLAND Virgin R. synthros, NOV 12 2354 – Brief chat and ID; SINPO 23332.
- 1276.41 ANGOLA NOV 10 1950 – a light het was the only evidence that EP Cabinda might be on the air.
- 1305 UNID NOV 12 2210 – African talk but seemed to be a nominally French-speaking country, mentioned “Radio Nacional de la ...”? at 2213 (Senegal has been suspected here, but never heard anything that sounded like Senegal or any major city in Senegal); huge carrier, SINPO 23332, with QRM from Spain. NOV 13 2022 – male vocals, unable to discern language.
- 1314 NORWAY NRK, Kvitsøy, NOV 7, 1858 – Music, news at 1900; SINPO 55555.
- 1332 ROMANIA România Actualitatea, Galati, NOV 7 0200 – Faded over Iran with news; SINPO 33322. NOV 10 2123 - // 1152 and 1458.
- 1332 MADEIRA RDP, Monte, NOV 10 2043 – // 666.
- 1332 IRAN IRIB, Tehran, NOV 7 0150 – Religious talk and Koran, ID at 0203; SINPO 33333.
- 1341 SPAIN Onda Cero, Ciudad Real/Almeria, NOV 13 2000 – Pips, ID and football; SINPO 24443.
- 1350 BOTSWANA R. Botswana, Tshabong, NOV 8 2017 – Religious talk in African language, ID just before hymn at 2021; SINPO 24242.
- 1377 CHINA CNR1, Henan, NOV 9 2241 – Site according to European logs; Standard Chinese talk, seemingly not // 1134; SINPO 34444 with light French QRM. At 2203 the tape playback reveals “Renmin Guangbo Dientai”, a typical ID phrase. We will need to recruit a Chinese speaker to help us decipher this on. See report on 1134 station.

- 1377.01 TANZANIA R. Free Africa, Mwanza, NOV 8 1946 – African talk, hi-life music; SINPO 23342. NOV 8 2225 – Faded up with Swahili talk over drums; SINPO 33333. NOV 9 1911 – African music, ID; SINPO 35333. NOV 10 1900 – ID’s, telephone call-in; SINPO 24432.
- 1377.05 SWAZILAND R. Cidade, Sandlane, NOV 8 2212 – Talk show in Portuguese; SINPO 22432. NOV 10 2006 – Portuguese talk behind Tanzania; SINPO 22432-1. NOV 11 2111 –English and Portuguese pop tunes back-to-back, occasional jingles, religious program at 2204, ID’s: SINPO 24232. NOV 11 2156 – mostly music heard here, with occasional Portuguese announcements. “Cidade” ID finally heard at 2156, then again at 2230
- 1385.92 GUINEA R. Rurale, Labé, NOV 10 2031 – Sounded like part of a sign-on, Islamic prayers; SINPO 55455.
- 1403.67 ANGOLA EP do Bié, Kuito, NOV 8 2029 – Mainly African music, occasional canned “Rádio Bié” ads with lots of reverb, ads at 2054, pips and news at 2100; SINPO 34332.
- 1413 SPAIN RNE 5, Jaén, NOV 9 1853 – noted with “Radio Cinco Andalusia” regional ID, // 1152.. NOV 10 1955 – Ad, “Radio Nacional de España Todo Noticias Andalusia”; SINPO 33443.
- 1422 ALGERIA ENDS, Alger, NOV 9 2014 – Music, ID at 2031; SINPO 33343.
- 1422 UNID AFRICAN NOV 9 2014 – Tantalizing station with African music and glimpses of news in English, far beneath Algeria. Might be Malawi?
- 1431 DJIBOUTI R.Sawa, NOV 12 0118 – with report from Fallujah, then into pop ,music with an ID. One of the few Middle Eastern broadcasts we could receive.
- 1457.65 ANGOLA EP Moxico, Luena, NOV 10 1916 – Presumed site, news in Portuguese // 1484.5 Kuanza Sul. Weak NOV 12 2000 – Pips, R. Nacional ID; SINPO 23332 (on 1457.61 this time).
- 1458 ROMANIA Romania 1, Agigea, NOV 10 2123 - // 1332 and 1152.; SINPO 22342 under VOA.
- 1458 GIBRALTAR BBC program, NOV 8 0055 – Presumed; BBC World Service sports; faded very quickly; SINPO 32332.
- 1484.50 ANGOLA EP do Kuanza Sul, Sumbe, NOV 11 2014 – National program ending, local ID at beginning of provincial program; SINPO 34333. NOV 12 1939 – Portuguese talk // 1196.72; SINPO 24442. NOV 12 2102 – R. Nacional news, ended with “Rádio Nacional” ID then “Rádio Kuanza Sul” ID; SINPO 34333.
- 1485 ASCENSION IS., BBC Relay, NOV 8 2257 – Presumed; BBC World Service sports. SINPO 22222
- 1494 RHODES ERA, Rhodos, NOV 12 0222 – clear // with Greek music on 7475.
- 1503 IRAN IRIB, Bushehr, NOV 7 2059 – Fade up over Egypt & RNE; talk and likely ID; SINPO 33432.
- 1548 KUWAIT Sawa Radio, Kuwait, NOV 12 2357 – the band opened up for 30 minutes, and this was one that we heard.
- 1557 FRANCE France Info, Fontbonne, NOV 7 0129 – Classical music, ID at 0130; SINPO 33422. NOV 9 2114 – one of the few signals from France This one is a new transmitter site.
- 1557 UNID, NOV 12 2357 – Middle Eastern music during a 30 minute opening to Europe.
- 1566 INDIA AIR, Nagpur, NOV 9 2235 – News and sports in Hindi; SINPO 34444, in strong for about an hour with a solid signal.
- 1575 THAILAND R. Saranrom, Ban Phachi, NOV 9 2258 – Thai talk, ID at 2300 before rapid fade-out; SINPO 34433.
- 1575 CHINA unID station, NOV 9 2301 – Ten seconds of Chinese as Thailand faded down.
- 1593 KUWAIT VOA Relay, Kuwait City, NOV 8 2300 – English program begins; SINPO 34444.
- 1602 SPAIN R. Vitória, Vitória, NOV 7 0040 – ID and jingle, pop music; SINPO 33443.
- 1611 VATICAN R. Vaticana, Santa Maria di Galeria, NOV 7 2011 – Eastern European language, IS and ID at 2020; SINPO 23433.
- 1622.20 PIRATE/GREECE unID station, NOV 7 2024 – Greek music and talk; SINPO 24332.
- 1636 PIRATE/NETHERLANDS R. Verona, NOV 7 2018 – Dutch folk songs, Dutch talk, cell-phone number, ID’s; SINPO 34343.
- 1645 PIRATE/NETHERLANDS R. Barones, NOV 6 2327 – Pop songs, talk in Dutch and English, greetings to DXpeditioners in Newfoundland; to SINPO 33443 around 0145. NOV 12 2336 – someone knew what we were up to this week, as the operator sent greetings to Dxpeditors in Newfoundland! This happened during a 30 minute opening to Europe, that closed down as suddenly as it opened, SINPO 34332.
- 1665 GREECE Pirate, NOV 9 2138 – Greek music, weak, then quickly gone.

AURORA LOG – NEW WORLD

- 550 URUGUAY R. Colonia (CW1), Colonia, NOV 14 0205 – News, ads, ID; SINPO 22432 with big 985 Hz het.
- 560 GUYANA GBC, Georgetown, NOV 9 0032 – Death notices, // 3291.17; SINPO 22442 under CHVO.
- 570 CUBA R. Reloj (CMDG), Villa Clara, NOV 14 0226 – News, pips, ID's; SINPO 23432.
- 580 BRAZIL R. Relógio (ZYJ465), Rio de Janeiro RJ, NOV 13 0732 – Three pips every minute, ID at 0735, news and hype; SINPO 34332.
- 580 PUERTO RICO R. Reloj (WKAQ), San Juan, NOV 14 0449 – Sports talk program, ID; SINPO 33343.
- 600 BRAZIL R. Mirante AM (ZYH920), São Luís MA, NOV 14 0232 – Ad string, ID, telephone chat and mellow music; SINPO 33443.
- 620.05 BRAZIL R. Assunção Cearense (ZYH590), Fortaleza CE, NOV 11 0028 – Football play-by-play with ads and ID's; SINPO 43443.
- 630 BRAZIL R. Maracu (ZYH924), Viana MA, NOV 9 0251 – ID and sign-off; SINPO 33333.
- 630 PUERTO RICO NotiUno (WUNO), San Juan, NOV 9 0400 – ID with call under Venezuela; SINPO 22342.
- 630 VENEZUELA R. Nacional de Veneuela (YVKA), Caracas, NOV 9 0317 – Political chat, news promos, “RNV Informativa”; SINPO 33432.
- 650 PARAGUAY R. Uno (ZP4), Asunción, NOV 13 0456 – Jingle and canned ID, mellow ballads; SINPO 43333, but with increasing QRM from CKGA around 0500.
- 660 VENEZUELA R. Anaco, Anaco, NOV 9 0338 – ballads, ads and ID's. News at 0400 over another Venezuelan station playing the National Anthem (likely Ondas de los Medanos below); SINPO 44434
- 660 VENEZUELA Ondas de los Medanos, Coro, NOV 9 0403 – full ID but lost quickly; SINPO 24322. NOV 11 0345 – Ads for stores in Coro; 33333.
- 660 BRAZIL R. Jornal (ZYI787), Limeiro PE, NOV 10 2059 – “Radio Jornal desde Pernambuco Brasil” ID. and gave location in Pernambuco before beginning the national “A Voz do Brasil” news program; SINPO 33333.
- 670 BRAZIL R. Globo (ZYJ248), Curitiba PR, NOV 12 0525 – Network programming with Globo ID's and slogans; SINPO 33333.
- 680 BRAZIL R. rdif Maranhao, Sao Luis, NOV 10 0017 – Romantic ballads, TC's, ads and ID's; SINPO 44444
- 700 ARGENTINA R. Córdoba (LV3), Córdoba, NOV 14 0300 – ID as “Radio Córdoba” (thought this ID was no longer used) then Argentinian anthem, but later ID's were only “Cadena Tres”; SINPO 32432.
- 700 BRAZIL R. Eldorado (ZYK686), São Paulo SP, NOV 14 0256 – Interviews, ID at 2330; SINPO 33433.
- 730 BRAZIL R. Dirceu (ZYK610), Marília SP, NOV 13 0756 – ID just before Em. Rural came on; SINPO 32432.
- 730 BRAZIL Emissora Rural (ZYI780), Petrolina PE, NOV 13 0757 – Transmitter on, sign on with ID and Brazilian anthem; SINPO 33443.
- 730 TRINIDAD Inspirational Radio 730, Port of Spain, NOV 14 0931 – Religious call-in, ID and promo; SINPO 34333.
- 760 BRAZIL R. Uirapuru, Fortaleza, CE, NOV 13 0157, pop ballads and soft ID's; SINPO 44444
- 770 URUGUAY R. Oriental (CX12), Montevideo, NOV 13 0142 – Ad string, promo, ID; SINPO 34433.
- 780 BRAZIL R. Jornal do Comércio (ZYI771), Recife PE, NOV 13 0358 – ID's, station song; SINPO 34343.
- 780 VENEZUELA R. Coro (YVMN), Coro, NOV 12 0036 – Lottery numbers, jingle ID; SINPO 33242.
- 789.95 BARBADOS Voice of Barbados, Bridgetown, NOV 13 0159 – Contest sponsored by “VOB,” at 0200: “10 o'clock in Barbados and the eastern Caribbean”; SINPO 33333.
- 789.96 ARGENTINA R. Mitre (LR6), Buenos Aires, NOV 13 0322 – Pointless chat; SINPO 34322. NOV 14 0154 – Soft Latin music, news and weather at 0202; SINPO 33433.
- 790.02 BRAZIL R. Cultura (ZYI679), Guarabira PB, NOV 10 2133 – Two “Cultura” ID's, preview of a football game in Guarabira; SINPO 33343.

- 800 NETHERLANDS ANTILLES TWR, Bonaire, NOV 7 0314 – Through VOWR from St. John’s, English religious program, ID at 0315; SINPO 43533.
- 810 BRAZIL R. Verde Mares, Fortaleza, CE, NOV 12 0151, ballad music, ads and announcer mentioning Fortaleza; SINPO 44444
- 830 VENEZUELA R. Sensación (YVLT), Caracas, NOV 8 0217 – Presumed; announcer welcomed new station Radio Maria from La Guaira on 1450 kHz; SINPO 34333.
- 860 BRAZIL, R Cidade, Maracanau, CE, NOV 10 2325, ads, ID mixing with R. CBN; SINPO 43433
- 860 BRAZIL R. CBN (ZYJ459), Rio de Janeiro RJ, NOV 10 2159 – “A Voz do Brasil” ends, “CBN Rio de Janeiro” ID; SINPO 43333.
- 860 BRAZIL R. Cidade (ZYH592), Maracanaú CE, NOV 10 2202 – R. CBN faded down for a moment leaving this one ID’ing; SINPO 43333. NOV 12 0042 – Announcement on behalf of police in Ceará; SINPO 43343.
- 870 PUERTO RICO WQBS, NOV 11 0246 – call letters announced. NOV 13 0336 – Phone-in program; SINPO 33332.
- 880 BRAZIL R. Inconfidência (ZYL275), Belo Horizonte MG, NOV 12 0600 – ID’s with SW frequencies; SINPO 33443.
- 890 ARGENTINA UNID, NOV 12 0658 – sound of chirping birds, resolved into an Argentine sign-on, but which one?
- 890 BRAZIL R. Planalto, Brasília, DF, NOV 10 2247, pop music and jingle ID; SINPO 34433
- 890 CUBA R. Progreso (CMDZ), Chambas, NOV 8 0954 – Announcements and chat, ID at 1001; SINPO 23332.
- 900 VENEZUELA R. Mara Ritmo (YVMD), Maracaibo, NOV 9 0952 – Religious program, ID at 0953; SINPO 33333.
- 910 CUBA R. Cadena Agramonte, NOV 12 0259 – very surprised to hear this ID emerge out of the jumble, with pips at the top of the hour.
- 910 ARGENTINA La Red (LR5), Buenos Aires, NOV 13 0340 – Music events in Buenos Aires, ID’s; SINPO 33343.
- 910 PUERTO RICO NotiUno (WPRP), Ponce, NOV 12 0302 – “NotiUno” slogans, news report; SINPO 33433 with het.
- 920 VENEZUELA R. Nueva Esparta (YVQX), Porlamar, NOV 14 0940 – Local music, ID’s as “Nueva Esparta 9-20 AM”; SINPO 34444.
- 950 ARGENTINA R. Belgrano, Buenos Aires, NOV 11 0159, tango music, ID and time pips; Fair
- 960 VENEZUELA R. Venezuela, Acarigua, NOV 9 1000 – “Radio Venezuela presenta”, news promos; 33423 fading up over CHNS.
- 970 VENEZUELA Mundial-970, Barcelona, NOV 7 2355 – Salsa, ID and phone #; SINPO 34433. NOV 13 0350 – Latin dance music, ID, anthem of Anzoátegui state noted at 0400; SINPO 32332.
- 970 BRAZIL R. Pampa, Porto Alegre, RS, NOV 11 0412 – news program. They broke in with a bulletin mentioning Arafat’s death; SINPO 34333
- 970 ARGENTINA AM 970 (LV2), Córdoba, NOV 12 0606 – “LV2” ID, then many canned “AM 9-70” slogans with the phone number 526-5200 (but in over an hour never heard the “Radio General Paz” slogan listed in WRTH’05) pop music; SINPO 43333.
- 970 PARAGUAY AM 970 (ZP9), Asunción, NOV 12 0657 – Harp music, sign-on announcement, anthem, must be careful as LV2 uses the same slogan! SINPO 33333.
- 970 VENEZUELA Onda Continente (YVLR), Maracay, NOV 12 0647 – A Venezuelan was noted (or perhaps two) under LV2, but then an ID sneaked through: “Ritmo del Sur, Onda Continente”; SINPO 22432.
- 980 COLOMBIA RCN (HJES), Calí, NOV 7 0134 – Sports coverage, “RCN” ID’s; SINPO 33433.
- 990 ARGENTINA AM 990 (LRH203), Formosa, NOV 11 0116 – with sports and lots of IDs, punching through 990.20 R. Splendid in Buenos Aires discussing drugs. SINPO 32442.
- 990.20 ARGENTINA R. Splendid (LR4), Buenos Aires, NOV 11 0123 – Mainly talk, ID at 0131; SINPO 32432 with QRM from CBY and LRH203.
- 1000 BOLIVIA R. Bahá’í (CP220), Caracollo, NOV 13 0845 – Announcements in local language and some Spanish, ID at 0846, Andean music, buried by R. Caribeña just after 0900; SINPO 34333. NOV 14 0840 – Local language and Spanish, Andean music, ID’s and jingles; initially QRM from Brazil, but Brazil faded by 0850, when SINPO 34433. NOV 14 0856 – chasing the traces heard by Jean the previous morning with Andean music we were rewarded with several nice R. Bahai IDs. Andean flute, then “Radio Baha’i” sung ID, then a male announcer also giving the ID.

- 1000 VENEZUELA R. Caribeña (YVNM), Morón, NOV 13 0855 – Venezuelan anthem and sign-on, ID's and slogans, Venezuelan folk music; SINPO 34343.
- 1010 ARGENTINA R. Rio Cuarto AM (LV16), Rio Cuarto, NOV 14 0902 – Sign-on ID with call and jingle, and then classical music; SINPO 34433.
- 1020 CUBA R. Reloj, unknown site, NOV 12 0043 – strong over R.Margarita with “RR” code IDs. Also heard on 830 and 860. SINPO 32342.
- 1020.06 PARAGUAY R. Ñandutí (ZP14), Asunción, NOV 11 0059 – Serious talk through top-of-the-hour; SINPO 33443.
- 1030 ARGENTINA R. del Plata (LS10), Buenos Aires, NOV 8 0120 – Buenos Aires weather; SINPO 33333.
- 1030 BRAZIL R. Olinda (ZYI777), Olinda PE, NOV 9 2234 – Ads, jingle ID; SINPO 33322.
- 1050 BRAZIL R. Metropolitana (ZYH494), Camaçari BA, NOV 8 0400 – ID and music; over other Brazilians, of which R. Capixaba may have been the major one, SINPO 33332.
- 1050 VENEZUELA Radio Nacional, 2 sites, NOV 14 0914 – Harp music, “RNV” ID's; SINPO 34343. NOV 14 0918 – long program of music before finally hearing “RNV, El Circuito Nacional”.
- 1050 BRAZIL R. Show AM (ZYK601), Jardinópolis SP, NOV 14 0002 – Grim-voiced male with ID; this was lurking beneath SODRE for hours, SINPO 22422.
- 1050 URUGUAY SODRE (CX26), Montevideo, NOV 13 2308 – Program of 60's pop tunes, UTC -2 time checks, number of ID's; SINPO 33433-2. NOV 14 0100 – eclectic mix of rock and roll.
- 1060 BRAZIL R. Grande, Belo Horizonte, MG, NOV 10 0428 – Religious program “A Voz de Libertacao” // 1260 and 1290.
- 1070 COLOMBIA Em. Atlantico, Barranquilla, NOV 10 2311 – ads for Barranquilla. .
- 1070 ARGENTINA R. El Mundo (LR1), Buenos Aires, NOV 10 2312 – Call-in program called “Radio River,” which made ID'ing this common station an adventure; SINPO 33333.
- 1070 BRAZIL R. Difusora Cajazeiras (ZYI673), Cajazeiras PB, NOV 10 2312 – Mixing with R. El Mundo; ID and music; SINPO 32322.
- 1080 BRAZIL R. Subaé AM (ZYH470), Feira de Santana BA, NOV 13 2201 – ID noted twice in a mess of Brazilian signals; SINPO 23322.
- 1080 BRAZIL R. Jornal (ZYI784), Caruaru PE, NOV 13 2201 – Time “en Caruaru”; SINPO 23322. NOV 14 0435 – Suddenly over WVCG and ZYK280 with program promos; SINPO 23432.
- 1080 BRAZIL R. Universidade Federal do Rio Grande do Sul (ZYK280), Porto Alegre RS, NOV 14 0418 – Classical music, promo for concert with ID at 0429; SINPO 23422.
- 1090 VENEZUELA Unión R. (YVSZ), Caracas, NOV 14 0947 – News program; SINPO 25333.
- 1090 BRAZIL R. Metropolitana, Rio de Janeiro, NOV 10 0043 – ID follows flute version of “What A Friend new Have in Jesus”
- 1090 VENEZUELA Unión R. (YVSZ), Caracas, NOV 8 0048 – Promo for newscasts; SINPO 32332.
- 1100 BRAZIL R. Globo (ZYK694), São Paulo SP, NOV 13 0833 – Comedy; SINPO 44444.
- 1110 BRAZIL R. Redentor, Santo Antonio GO, NOV 10 2159 – the dominant station completed A Voz do Brasil, then went to dead air, in which the tape reveals a very weak “Radio Redentor” ID.
- 1130 BRAZIL R. Nacional (ZYJ460), Rio de Janeiro RJ, NOV 8 0434 – Local music, time check for Rio; SINPO 45444. NOV 9 0148 – Song about R. Nacional; SINPO 44444.
- 1150 BRAZIL R. Globo de Minas (ZYL283), Belo Horizonte MG, NOV 9 0153 – Music, ID at 0159; SINPO 43433. NOV 12 2305 – Globo hype; SINPO 42332.
- 1150 BRAZIL R. Cabugi do Seridó (ZYJ617), Jardim do Seridó RN, NOV 9 0154 – ID under Globo; SINPO 32432.
- 1150 BRAZIL Super R. Tupi (ZYK656), São Paulo SP, NOV 9 0158 – Faded up with jingle; SINPO 43433.
- 1160 BRAZIL R. Sociedade TV (ZYH323), Boca do Acre AM, NOV 12 2255 – Tentative; “A Voz de Brasil” an hour later than many other Brazilian signals, ID at 2301 unfortunately was not 100% clear; SINPO 24332.
- 1160.02 BRAZIL R. Espírito Santo (ZYI202), Vitória ES, NOV 12 0402 – Long ID with call; SINPO 32322.
- 1160.02 BRAZIL R. Globo, Blumenau, NOV 12 0331 tentative, only Globo on the Brasil List, no local ID
- 1170 BRAZIL R. Bandeirantes, 2 possible sites, NOV 10 0604 - // 840.
- 1200 BRAZIL R. Jornal (ZYH251), Maceió AL, NOV 8 2339 – Above other Brazilians with ID, “Rádio Jornal...Maceió, Alagoas”; SINPO 33432.

- 1200 BRAZIL Ceará R. Clube (ZYH585), Fortaleza CE, NOV 8 2344 – ID in the mix of Brazilians; SINPO 32422.
- 1200 BRAZIL R. Clube Rio do Ouro (ZYH482), Jacobina BA, NOV 8 2359 – “Rádio Clube Rio do Ouro AM” ID; SINPO 22322. NOV 11 0233 – Messy frequency, garbled slogan but the call was clearer; SINPO 22442.
- 1200 VENEZUELA R. Tiempo (YVOZ), Caracas, NOV 14 0912 – Romantic music, chimes, ID and time;
- 1220 VENEZUELA R. Venezuela (YVVM), Valencia, NOV 14 0950 – ID, local music; SINPO 33323 but fading out fast.
- 1230 BRAZIL R. Atual (ZYK766), São Paulo SP, NOV 13 2223 – Ads, promos; SINPO 33443.
- 1240 BRAZIL R. Jovem Capi (ZYI774), Recife PE, NOV 8 2335 – Telephone interviews, ID at 2345 and 2356; SINPO 34333. NOV 10 0200 – multiple IDs at top of hour after news program. NOV 11 2310 – Religious program, ID at 2329; SINPO 33333.
- 1240 BRAZIL R. Clube (ZYK653), Santos SP, NOV 11 2316 – Generally under Jovem Capi, ID; SINPO 32432.
- 1250 BRAZIL R. Metropolitana (ZYL367), Vespasiano MG, NOV 13 0157 – Poor “Rádio Metropolitana AM” ID then jingle, preacher at 0201 said “Bom Noite Belo Horizonte”; SINPO 33242.
- 1250 COLOMBIA Capital R. (HJCA), SF de Bogotá, NOV 12 0312 – Slogans, ID’s, Latin hits; SINPO 33433.
- 1260 BRAZIL R. Clube (ZYK629), Pirajuí SP, NOV 11 2029 – Religious program, ID; SINPO 34232.
- 1270 ARGENTINA R. Provincia de Buenos Aires (LS11), La Plata, NOV 13 0428 – ID, mellow music; SINPO 33333.
- 1270 BRAZIL R. Brazil Central, Goiania GO, NOV 9 2213 – Religious program // 4985 but no ID; SINPO 34433. // 4985 kHz. NOV 14 0838 – Full ID and time check.
- 1280 BRAZIL R. Sinhauá (ZYI688), João Pessoa PB, NOV 9 2200 – Full ID and ads; SINPO 33443 before 100 kW R. Tupi fades up and destroys the channel.
- 1290 VENEZUELA R. Puerto Cabello (YVLF), Puerto Cabello, NOV 8 0025 – Romantic music, time and ID as “Radio Tiempo en Puerto Cabello;” SINPO 32442.
- 1290 BRAZIL R. Clube AM de Salvador, Salvador, BA, NOV 10 0359 – Religious program and ID; SINPO 44444
- 1300 BRAZIL R. Universo (ZYK535), São Bernardo do Campo SP, NOV 9 0252 – Preaching, ID at 0302; SINPO 44333. NOV 9 2358 – Religious talks, ID; SINPO 33433.
- 1310 BRAZIL R. Bahiana (ZYH454), Ilhéus BA, NOV 9 2157 – ID and intro to sports program; SINPO 23333 before Cidade faded up.
- 1310 VENEZUELA R. Nacional (YVSM), Barcelona (likely transmitter), NOV 8 0408 – Talks and ID; SINPO 33332. NOV 9 0010 – traditional music program.
- 1310 BRAZIL R. Cidade Esperança (ZYI691), Esperança PB, NOV 9 2201 – lots of mentions of Paraiba.
- 1310 MARTINIQUE RFO, Fort de France, NOV 12 0554 – France-Inter news under a massive Brazilian; SINPO 42432.
- 1320 PUERTO RICO R. Isla, San Juan, NOV 12 0653 – first time this slogan has been heard here.
- 1320 BRAZIL R. Milênio (ZYH243), Maceió AL, NOV 11 0338 – Telephone numbers and ID, think this is the one that had Catholic programming; SINPO 33432 at peak.
- 1340 BRAZIL R. São Luís AM (ZYH886), São Luís MA, NOV 10 2116 – ID, ads; SINPO 44444.
- 1340.07 BERMUDA ZBM2, Hamilton, NOV 10 0933 – Chat about playing golf; SINPO 23342.
- 1330 DOMINICAN REPUBLIC R. Vision, Santo Domingo, NOV 12 0248 – religious program // 530kHz

- 1340 BRAZIL R. Clube de São Luís (ZYH886), São Luís MA, NOV 8 0110 – Many ads, “Jovem Pan” network news at 0130; SINPO 44333.
- 1340 BRAZIL R. Arapuau (Zyi671), João Pessoa PB, NOV 13 2141 – Tentative; noted PB station earlier, but the ID at 2141 was too poor to be certain of the ID; SINPO 22332, QRM from a Globo net station.
- 1350 ARGENTINA R. Buenos Aires (LS6), Buenos Aires, NOV 8 0203 – Under Boa Vontade, ID; SINPO 32332. NOV 12 0159 – Ad string, ID; slowly faded up to SINPO 44444.
- 1350 BRAZIL R. Cristal/Boa Vontade (ZYH520), Salvador BA, NOV 7 2241 – Call-in program, sports reports, “LBV” ID’s; SINPO 33333. NOV 8 0158 – Religious talk, “Boa Vontade” slogan; SINPO 33333. Also heard NOV 13 2214.
- 1360 BRAZIL R. Bandeirantes (ZYJ464), Rio de Janeiro RJ, NOV 10 0038 – Fooled me initially: interview with someone who worked at Rádio Nacional de Angola! SINPO 44344.
- 1370 BRAZIL R. Independência (ZYJ267), Curitiba PR, NOV 14 0400 – Network ID, “Rede de Canção Nova,” with SW frequencies; SINPO 23432 with QRM from WDEA and a Venezuelan.
- 1370 BRAZIL R. Piquaraca (ZYH555), Monte Santo BA, NOV 12 0100 – Clear ID, seemed to be going off; SINPO 32322. NOV 11 2335 – ID followed by male vocal.
- 1379.98 BRAZIL R. Novas de Paz (ZYI778), Recife PE, NOV 8 0144 – Telephone chat, many ID’s; SINPO 34333. Also heard NOV 9 2224.
- 1380 VENEZUELA Ondas del Mar (YVNG), Puerto Cabello, NOV 9 0959 – Venezuelan harp music, ID; SINPO 34433.
- 1380 CHILE R. Corporación (CB138) Santiago, NOV 11 0403 – Religious program faded up, ads, addresses in Chile where the preacher will visit; SINPO 32322 with QRM from Ondas del Mar and R. Globo. NOV 12 0406 – ID, religious music and talk; SINPO 23332, mainly under Ondas del Mar. NOV 12 0456 – Jean heard traces of religious programming the previous day around this time. We were fortunate to hear various mentions of “Corporación” and an itinerary for religious gatherings in Santiago and other locations. The signal had to struggle with Ondas del Mar, which dominates at this time.
- 1390 PUERTO RICO WISA, Isabela, NOV 12 0240 – Ad’s, mentioned Puerto Rican locations; SINPO 33322.
- 1390 BRAZIL R. Jornal (ZYI788), Pesqueira PE, NOV 8 0414 – ID’s; mixing with R. Fé y Alegria, SINPO 33333.
- 1390 VENEZUELA R. Fé y Alegría (YVZA), Caracas, NOV 8 0502 – Emerging over R. Jornal with announcements and ID; SINPO 33332. NOV 12 0115 – with conversational English lessons.
- 1390 BRAZIL R. Globo, NOV 10 0414 – possibly the station in Campinas SP, the only Globo on the list.
- 1400 GRENADA Harbour Light of the Windwards, Carriacou, NOV 9 0155 – Choir, ID at 0159; SINPO 43343.
- 1410 BRAZIL R. Santa Cruz (ZYH614), Santa Cruz RN, NOV 7 2237 – Local ads; SINPO 33343; NOV 9 0106 – ID following a song that sounded like the PT version of “Killing Me Softly”. NOV 13 2001 – Ad string for Santa Cruz businesses, ID as “R. Santa Cruz AM”.
- 1420 VENEZUELA R. Marabina (YVNZ), Maracaibo, NOV 8 0454 – ID over an unID Brazilian; SINPO 33333. Also heard NOV 12 0554
- 1430 BRAZIL R. Imaculada, Curitiba, NOV 13 0409 – although we initially thought this was the new station on 1430, we finally saw that this is good old Curitiba and // 6040 kHz.
- 1430 BRAZIL R. Clube Paranaense (ZYJ200), Curitiba PR, NOV 13 0402 – Almost certainly this frequently-heard station with the Milicia da Imaculada religious network programming; SINPO 44343.
- 1440 BRAZIL R. Baré, Manaus, NOV 10 0918 – tentative, in very late this morning suggesting western Brazil. This was a preacher, no IDs. Also heard NOV 14 0945.
- 1440 BRAZIL R. 1440 AM (ZYJ469), Rio de Janeiro, RJ, NOV 10 0158 – ads, jingle ID’s and news headlines; SINPO 44444. NOV 12 0110 – “1440 AM” ID, very strong. NOV 13 2304 – Long ID.
- 1450 BRAZIL R. Cultura, NOV 10 0359 and 0430 – bells, followed by a sung ID. Lots of R. Culturas on this frequency, however. NOV 14 0400 – yet again, Radio Cultura, but which one?
- 1460.01 BRAZIL Agreste AM, San Antonio, NOV 13 2040 – clear ID among ad string .
- 1460.06 BRAZIL R. Uirapuru (ZYH616), Morada Nova, NOV 12 2249 – Although WRTH says “Morada Nova”, we heard “Nova Morada”! This one faded above a number of signals, many with “A Voz do Brasil” program, ID, ads for stores in Morada Nova; SINPO 33333.

- 1470 BRAZIL R. AM de Parelhas (ZYJ616), Parelhas RN, NOV 11 2305 – Promo for event in Parelhas; SINPO 32332. NOV 13 2259 – Two stations, this one usually dominant with local announcements.
- 1470 URUGUAY R. Cristal, NOV 10 0617 – nice ID as “Radio Cristal del Uruguay”. .
- 1470 VENEZUELA R. Latina, Valencia, NOV 10 0859 – Union Radio Noticias network news.
- 1470 BRAZIL R. Papacaça (ZYI827), Bom Conselho PE, NOV 11 2305 – Two ID’s under Parelhas; SINPO 22332.
- 1470 VENEZUELA R. Vibración (YVSY), Carúpano, NOV 11 0157 - Ballads, ID and time; SINPO 32432 over R. Latina.
- 1480 BRAZIL R. Canção Nova (ZYI825), Gravatá PE, NOV 10 0304 – Music, many ID’s; SINPO 33322. NOV 11 2252 – Ads, many ID’s; SINPO 34333. NOV 10 0351 – R. Cancao Nova network break mentions Cachoeira Paulista and shortwave frequencies. NOV 13 2100 – ID, address.
- 1490 PUERTO RICO WDEP, Ponce, NOV 10 0508 – Weather for Puerto Rico; SINPO 24322. NOV 12 0130 – Phone-in program, ads, “Radio Isla” ID’s; SINPO 33332.
- 1490 PUERTO RICO R.Isla, Ponce, NOV 12 0135 – first time we’ve heard this network ID.
- 1500 BRAZIL R. Jacuipe, Jacuipe BA, NOV 9 2124 - Religious song, ID and promos at 2124; SINPO 23443.
- 1520 PUERTO RICO WVOZ, San Juan, NOV 12 0633 – ID, blocking more interesting unID signal from southern South America; SINPO 33332. NOV 14 0058 – ID; SINPO 33343.
- 1520 BRAZIL R. Bela Vista (ZYH530), Poções BA, NOV 10 0334 – ID in a mix of two stations, other had Globo’s “Show da Madrugada” but no Globo station is listed here; SINPO 33223.
- 1540 BRAZIL R. Baixa Verde (ZYJ611), João Câmera RN, NOV 10 2104 – Local greetings for people in João Câmera; SINPO 32322. NOV 11 2331 – Ad string, stores in João Câmera, ID at 0005; SINPO 32332. NOV 13 2301 – ID “...Baixaverde, Joao Camara, Rio Grande del Norte”.
- 1540 BRAZIL R. Santa Maria (ZYI694), Monteiro PB, NOV 11 2343 – Emerging briefly from under Baixa Verde, ID and event promo in Pernambuco; SINPO 22322. NOV 13 2237 –
- 1540 BRAZIL R. Clube (ZYJ508), Paraíba do Sul RJ, NOV 12 0001 – ID by woman; SINPO 22322.
- 1540 BRAZIL R. Bandeirantes, unknown site, NOV 10 0618 - // 840 & 1170.
- 1550 BRAZIL R. Guarujá Paulista (ZYK590), Guarujá SP, NOV 11 0153 – Sports play-by-play, ID’s; SINPO 33443.
- 1560 BRAZIL R. Educadora (ZYH526), Ribeira do Pombal BA, NOV 10 0148 – Ads for stores in Pombal, jingle ID; SINPO 34343. NOV 8 0058 – Music and talk, jingle ID’s and wolf-whistles, which is a Globo-network gimmick; SINPO 34332. NOV 13 0309 – Sounded like religious songs, ID at 0313; SINPO 44434-3.
- 1570 DOMINICAN REP. R. Amanecer Internacional (HIAJ), Jagungara, NOV 11 0106 – ID after music program. // 6025 kHz. SINPO 33333.
- 1590 URUGUAY R. Real (CX159), Colonia, NOV 13 0839 – Ad for store in Colonia; SINPO 23342.
- 1590 BRAZIL R. Globo (ZYJ823), Joinville SC, NOV 8 0440 – Globo whistles and slogans; SINPO 32342. NOV 10 0157 – Promos, whistles, “Globo” ID’s; SINPO 23333.
- 1590.05 BRAZIL R. Correio do Vale, Itaporanga PB, NOV 10 0158 – Jingle ID, sign-off song “Boa noite mis amigos..”; SINPO 23322.
- 1590.05 BRAZIL Globo, unknown station, NOV 10 2004 – heard frequently with no top of hour IDs. Perhaps the previous station?
- 1600 PUERTO RICO WLUZ, Bayamón, NOV 11 0159 – Humorous promos using slogan “Radio Oriente,” call letter ID at 0203; SINPO 33343.
- 1620 US VIRGIN ISLANDS R. Marti, NOV 14 0344 – R.Marti program via WDHP, // 7405 kHz.
- 1640 DOMINICAN REP. R. Juventus Don Bosco, Santo Domingo, NOV 6 2305 – Upbeat religious tunes, solid ID at 2334; SINPO 23432.

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NORTH AMERICAN NEWS

✉ 20 Ryehill Park, Kirklington, Carlisle CA6 6BH

with Barry Davies

e-mail: na-news@mwcircle.org

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



- 790 WAXY** South Miami FL. The station drops ESPN but retains sports talk from with the Fox network. Their slogan is "Sportstalk 7-90 the ticket."
- 820 CHAM** Hamilton ON. Some fine tuning to the station's country music format. They now play classic/oldies country music.
- 960 CFFX** Kingston ON. This oldies station has been refused permission to open an FM relay of their AM output.
- 1310 WCMS** Newport News VA. New call letters (ex WGH). Now Fox sports radio. (ex ESPN) The call and format change is a swap from 1050 where WVXX is now in SS.
- 1320 KXYZ** Houston TX. This station, as previously reported, has dropped SS religion **but** the business talk format is daytime only. Nights KXYZ broadcasts Asian programmes.
- 1450 CHUC** Cobourg ON. This pop music station has requested a move to 107.9 FM
- 1480 WSAR** Fall River MA. Format flips from News/Talk to Fox sports radio.
- 1490 CFPS** Port Elgin ON. The Canadian authorities have granted this oldies station an FM licence for 97.9. The 1490 outlet is to close.
- 1500 WTOP** Washington DC. This station is testing their digital system (IBOC) during the day. The tests are causing interference on both 1490 and 1510.
- 1590 WSMN** Nashua NH. The sports "tiger" closed down on February 1st. The owners have been evicted from their Hollis Street facilities so the land can be redeveloped. Ex chief engineer Bill Piacitelli says he is not aware of any plans to bring the station back on air. (Nashua Telegraph)
- 1600 WRPN** Ripon WI. This overnight ESPN sports station has been sold. No news of any calls or format changes.
- 1630 KKGM** Fort Worth TX. The correct address for this Southern Gospel station is, 5787 South Hampton Road, Suite **108**, Dallas TX 75232-6335. (ed.)
- 1630 KKWY** Fox Farm WY. This classic country music station has applied for new call letters **KRND**. No other information available. (Radio News and Notes)

Jerry! Jerry! Jerry! TV host **Jerry Springer** has joined the Air America talk network. The former Cincinnati mayor can be heard on 1200 WKOX Framingham MA, 1300 WAVZ New Haven CT, 1430 WXXK Everett MA, and 1530 WCKY Cincinnati OH (NERW)

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.

Barry

CENTRAL AMERICAN NEWS

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with Tore Larsson

Anguilla

Caribbean Beacon 690, 1610, 6090kHz: Gene Scott has died aged 75. So expect some substantial changes at the stations that carried his programmes listed here. <http://www.drgenescott.org/swave.htm>

México

- 660 XEDTL Tropicalísimo Canela 660, México, new slogan IRCA
690 XETRA Tijuana is now carrying the big band & adult standards that had been on KLAC. Did not catch any call changes, but don't expect any. Mike Hawkins, Tracy CA, IRCA 4.2.2004 via DXLD
1060 XEEP R. Educación, México. A new DRM-tx from Europé has arrived. Now tests for around 30 minutes at the time Héctor García Bojorge
1550 XENU La Rancherita, Nuevo Laredo, address: González y Mendoza 747, Sector Centro, 88000 Nuevo Laredo. Address in the US: IBS Radiorama, 1510 Calle del Norte Suite 2, Laredo, TX 78041, USA. Other stations listed as part of Radiorama Nuevo Laredo: XEWL-AM on 1090 kHz 1 kW; XEGNK-AM on 1370 kHz 5 kW; XEAS-AM on 1410 kHz 1 kW. Steve, Houston TX, USA via IRCA
1700 XEPE La Tremenda, Tecate ex La Romántica Various sources

Trinidad & Tobago

The state-owned National Broadcasting Network (NBN) closed its doors on Friday, January 14, amid much controversy and interference that plagued its operations over the past 48 years.

The Patrick Manning administration mandated that NBN, which includes two television and four radio stations, to cease broadcasting that day, paving the way for the Caribbean New Media Group that is expected to start operations within the next six months. Caribbean Media Corporation news agency, Bridgetown 14.1.2005 via BBCM via DXLD

SOUTH AMERICAN NEWS

✉ Kirkåsveien 15, NO-1850 Mysen, Norway

with Tore B. Vik

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

Argentina

- 800 LV23 R. Rio Atuel (45) – new ☎: Av.Libertador Norte 134, (5620) General Alvear, Ma Cláudio R. Moraes
Vilar in ConDig
840 LT12 R. General Madariaga – web: www.radiolt12.com.ar
950 LT16 R. Roque Sáenz Peña seems to be the name of this station – web. www.amlt16.com.ar
amplitudmodulada
amplitudmodulada
970 LV2 R. AM 970 – new ☎: 27 de Abril 979, (5000) Córdoba
Gentile in DXing.info
1100 R. Libertad new station from Rosario
1120 AM Tango, Barrio de San Telmo, Ciudad Autónoma de Buenos Aires – new station
☎ 011 4343 4821 Cornachioni in ConDig
1120 R. Catedral del Encuentro, Calle 13 y 39, Barrio 25 de Mayo, Ciudad de Guernica, Partido de Presidente Perón, Prov. de Buenos Aires
Cornachioni in ConDig
1170 R. Mi País – correct web. is: www.radiomipais1170.com.ar
amplitudmodulada
1280 LU11 R. Trenque Lauquén – new web: www.radiotrenquelauquen.com.ar
amplitudmodulada
1350 LRJ747 R. Sucesos – web: www.radiosucesos.com
amplitudmodulada
1380 R. Buenas Nuevas - ☎: Liberia Cristiana Buenas Nuevas, Calle Moreno 350, Merlo
☎ 0220 485 6696 Cornachioni in ConDig
1480 R. AM 14-80 – new station from Cruz del Eje, Córdoba Cláudio R. Moraes
1510 R. Belgrano – ref. SAND 11.10.04 – new ☎: Belgrano 470, (2349) Suardi, Santa Fe station
1530 R. La Morena de Itati - ☎: Calle Juan F. Segui 895, (B1615MNA) Grand Bourg, Buenos Aires
☎ 02320 41 4426 //105.3 MHz Cornachioni in ConDig

Brazil

<u>550</u>	ZYK696 Rede Boa Vontade (SP04) – ex. R. Globo	Cláudio R. Moraes
<u>580</u>	ZYJ465 Nossa Radio (RJ03) – ex. R. Relógio	Cláudio R. Moraes
<u>580</u>	ZYK540 Americana R. Você AM (SP07) – ex R. Notícias	Cláudio R. Moraes
<u>660</u>	ZYK565 R. Nossa Voz AM (SP112) – ex. R. Mundial	Cláudio R. Moraes
<u>690</u>	ZYJ229 R. Dif. Londrina (PR13) – web: radiodifusoralondrina.com.br	Santos in ConDig
<u>770</u>	WRTH MA41 - correct spelling is Fundação	Cláudio R. Moraes
<u>930</u>	ZYJ923 R. CBN, Aracaju (SE07) – ex. R. Liberdade	Olz in Distance
<u>990</u>	R. Clube, Pedro Osório (RS185) – ex 900	Cláudio R. Moraes
<u>990</u>	R. Sananduva (RS186) – ex 1210	Cláudio R. Moraes
<u>1090</u>	ZYJ786 R. Band AM (SC31) – ex. R. Tabajar	Cláudio R. Moraes
<u>1210</u>	ZYJ219 R. Tupi (PR60) – new ☎ - Rua João Negrão, 595 – Centro – Curitiba 80010-200 ☎ +55 41 323 1353	Grimm in HCDX
<u>1370</u>	ZYJ782 R. Peperi AM (SC55) – e-mail: rede@peperi.com.br	Pedroso in ConDig
<u>1480</u>	R..Veranense (RS184) – ex. R. Garibaldi	Cláudio R. Moraes
<u>1500</u>	R. Caapava (RS180) – delete	Cláudio R. Moraes
<u>1510</u>	Sistema Athenas (SP269) – is reported on the air	Cláudio R. Moraes
<u>1570</u>	ZYJ.... R. Globo, Paranaguá – ex CP (PR166) - ☎: Av.Artur de Abreu 29, Ed. Palácio do Café, 11° andar, conj 6 – Centro, 83203-480 Paranaguá, PR	Adalberto Marques de Azevedo

Ecuador (ed: TL)

<u>750</u>	HCRC2 Caravana AM, ☎: Av. Juan Tanga Morengo km 3, Guayaquil	
<u>1030</u>	HCRF2 R. Punto 1030, new ☎: Los Rios 609, Cond. Orellana, P4, Ofc 2, Guayaquil	
<u>1080</u>	HCKD2 Sistema 2, ex R. Tigre. New ☎: Miguel H. Alcivar y Luis Orrantia s/n, Guayaquil	
<u>1100</u>	HCGR6 R. Novedades, new ☎: 2 de Mayo 438, entre Tarquí y General Maldonado, Latacunga	
<u>1130</u>	HCRD1 R. Punto, new ☎: Antonio Cordero 823 y Emilio Grijalva, Ibarra	
<u>1140</u>	HCFB2 R. Condor, new ☎: km 8.5 via Guayaquil-Daule, San Fco Mz 6, S5, Guayaquil	
<u>1180</u>	HC.. 4 LV del Volante, ☎: Morales 104 y Colón, Edif. Sind. Choferes Man, Portoviejo, new	
<u>1250</u>	HCMY1 LV del Triunfo, alt ☎: Ibarra 905 y Av. 29 de Mayo, Edif. Dueñas, Sto Domingo de los Colorados	
<u>1290</u>	HCVM6 R. Once de Noviembre, new ☎: Calle Felix Valencia 432, Plaza El Salto, Latacunga	
<u>1330</u>	HCLW5 R. Visión Cristiana, Cuenca ex R. Misión Cristiana	
<u>1330</u>	HC.. 1 R. Visión Cristiana, Quito, ex R. Misión Cristiana	
<u>1340</u>	HC.. 3 Ondas de Esperanza, ex R. Regional, new ☎: Olmedo 1146 entre Azuay y Mercadillo, Loja	
<u>1370</u>	HCJS1 Ecos Andinas, new ☎: Bolívar 10020 y Espejo, Pimampiro	
<u>1380</u>	HCVL1 Multicolor, Tulcán, delete	
<u>1380</u>	HCOA3 La Mejor, ex R. Impacto. New ☎: Av. 10 de Agosto 1303 y 23 de Febrero,	
<u>1410</u>	HCCQ2 R. Net AM ex LV del Pueblo. New ☎: Calle García Moreno y Bolívar 1013, Milagro	
<u>1470</u>	HC..6 R. San Juan, Ambato, delete	
<u>1480</u>	HCCY6 R. Popular de la Mana, new ☎: Enrique Gallo 164 y Av. 19 de Mayo, La Mana	
<u>1490</u>	HC..1 Megasonido Nuevo Milenio, ☎: Manuel Semblandes y Anda Aguirre, Quito, new stn from March	
<u>1520</u>	HCTI1 R. Ibarra, new ☎: Calle Oviedo y Bolívar, Edif. Way, P2, Ibarra	
<u>1530</u>	HCMZ6 R. Dorado, new ☎: Av. Padre Chancon s/n y Juan Velasco, Pelileo	
<u>1540</u>	HCPV1 R. Mira, Mira, delete	
<u>1540</u>	HCFM2 R. Cristal, new ☎: 28 de Mayo 1412 y 6 de Octubre, Babahoyo	

Björn Malm, ARC and Supertel

Perú

<u>620</u>	OCX6K R. María - ☎: Zona Alto, Arequipa	stn/CRU
<u>1240</u>	OAU4V R. Cumbre – relay R. María	R. María/CRU

Venezuela (ed: TL)

Venezuela is following Canada's lead in terms of mandating local content on the radio. According to an article in the New York Times, a new law requires that "At least 50 percent of a radio station's programming must be Venezuelan music and at least 85 percent of its commercials must be Venezuelan-made. The law allows the government to impose fines and permits regulators to close stations that break the rules." With so few Venezuelans on SW any more, this is mostly of interest to MW DXers.

Don Moore

<u>760</u>	YVQQ La Macro Estación de Puerto La Cruz ex R. Puerto La Cruz	José Elías Diaz Gomez via B Malm
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WORLD NEWS

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

Algeria

Polisario Front's silent for quite some days on 1550 kHz; 7460 is either occasionally silent too as far as their evening b/cast is concerned or simply very poor under RFA via MNG. Meanwhile, I found them on the short lived outlet of 700 kHz only this evening (Sat, 19 Feb, at 2250 UT) so maybe they were active here all the time while silent on // 1550; the signal is considerably worse than on 1550, varying S5~S9+5 dB, plus some splash from non immediately adjacent chs. 700 kHz also active on Sun. 20 Feb as obs'ed at 1928 & rated 44444 at its vy. best; using the elevated K9AY, it seems the azimuth is somewhat different from that for the 1550 kHz tx.

As I said when I first reported them using 700 kHz (back in Oct'03 I think) and without wishing to speculate now, it wouldn't be too surprising if this a completely different RTA site, eastwards of the one for 1550 kHz Obs'ed on 21 Feb at 0715 UT (700 kHz rated 25342) and at 0740 when the signal had already faded; // 7460 was strong & good, gone at recheck 0800 but with the carrier on for quite some time after that.

No jamming noted underneath 700 kHz, but it's detectable on 1550 kHz, even if the target stn is off. The Spanish freq ann. at 2300+ reads "7470 & 1550 kHz." (*Carlos Goncalves, wwdxc Feb 23*)

Armenia

Public Radio of Armenia in Turkish noted at new time 1600 - 1630 on 1395 & SW (1500 - 1600 is Voice of America or RFE / RL in Armenian on 1395 & SW), 1909 - 1924 M-S Radio 'Peace' in RR on 1395 kHz. (*Rumen Pankov, Sofia 07 Feb, via BDXC-UK*)

Belgium

Industrial action at Belgian French-language public broadcaster RTBF is now affecting radio services as well as television. Today, RTBF says that all its radio networks operating out of Brussels - Première, Music 3, Pure FM and the Brussels edition of VivaCité - are broadcasting a "minimal programme" consisting of short news bulletins, and continuous music appropriate to each channel. This also affects the shortwave service, which relays programming from La Première and VivaCité. Unions are protesting at new working practices which they say will cause a deterioration in working conditions. RTBF management insists the new working practices are not designed to make economies, but to improve production capacity. (<http://medianetwork.blogspot.com/>, 26 Jan.)

Botswana & Sao Tome

Radio Netherlands DG on Talk to America this Friday Kim Andrew Elliott advises us that he will be hosting Talk to America on the Voice of America the first Friday of every month. On Friday, 4 February, Radio Netherlands Director-General Jan Hoek will be the special guest. Talk to America is broadcast at 1600-1700 UTC as follows: To Africa on 4930, 15240, 17715 and 17895 kHz shortwave, plus 909 and 1530 kHz mediumwave. and worldwide via the live audio stream at www.voanews.com/english/Webcasts.cfm. (*Media Network weblog, via BDXC-UK, 02 Feb.*)

Finland

This blog is about the most revolutionary new radio station created and dedicated to playing the mostist and greatest rock and roll music around, both old and new, from all over Europe, the States and the World! Pirate Radio 603 AM was created and began broadcasting on the medium wave

frequency of 603 khz in Aland, Finland on September 1st, 2004. It was started in January of that year and the fight continues to get back on air. This blog will begin to tell the whole story of the rise and hiatus now and the continued battle to get back on air! It will begin again soon at least on the internet but the real power will be to get to use the massive 300 kw licence granted to this frequency. There will be a ship involved, as before and true Offshore Radio will have a new chance to become a way to hear free music the way it should be played and heard! (<http://pirateradio603am.blogspot.com/> via Mike Terry, BDXC-UK, 30 Jan.)

Some news from Aland Islands: Radio 756 AM & Sonnet Radio Europe Testing Web Stream. Currently testing web streams at <http://www.ammusicradio.com> Try our Smokin Jukebox and be the DJ <http://www.ammusicradio.com/jukebox.htm> Radio 756 & Sonnet Radio Europe are bidding for the 10kW 756KHz License on the Aland Islands situated between Sweden & Finland. We have also made application for a number of Short Wave frequencies for international coverage. Although our internet tests are only music based at the moment, we will be introducing Live Programming in the very near future. (*Philip de Cadenet, via HCDX, Vol 26, Issue 14, 13 Feb.*)

"A team of experts on am antennas are now on Åland searching around for a new QTH to the 603 kHz. A mobile low power am tx will be in service very soon. Testings only." (*License owner Roy Sandgren, Sweden on Anorak Nation mailing list, 5 Feb 2005, via Bernd Trutenau, mwdx.*)

"Yes, I got a comment. I got the licence of 603 and will return on the air in May. A low power tx until a 2 kW will be in service. Next step is a 7.5kW. I'm going to [make] an application for 756 kHz, too." (*Roy Sandgren, via Media Network Weblog, via Andy Sennitt, via DXLD mailing list 05 Feb, via Bernd Trutenau-LTU, via mwdx.*)

Finnish expatriate organisations today pleaded with the Finnish Broadcasting Company (YLE) to end its plans to scrap the long and mediumwave Radio Finland broadcasts that can be heard abroad. The organisations submitted an appeal to Mika Lintilä, the chairman of the YLE Administrative Council, composed of MPs. For expatriates, the organisations said in a statement, the broadcasts constituted a significant link to Finland, both as an information channel and in the emotional sense. More than 15,000 Finns living in 25 countries took part in the appeal campaign organised by the Finland Society and the Finnish Expatriate Parliament. (*Source: Virtual Finland via <http://medianetwork.blogspot.com/> 08 Feb, via Mike Terry, BDXC-UK.*)

YLE considers dropping shortwave and mediumwave broadcasts. The Finnish Broadcasting Company (YLE) has plans to axe the traditional shortwave and mediumwave broadcasts of the company's external service, Radio Finland. After such a move, the broadcasts of the company's external service would still be available on satellite, as well as on its fee-based Internet service. The decision would amount to a considerable cutback on YLE services to Finns living abroad. "No decision has been made, but a shutdown is under serious consideration", says Heikki Peltonen, head of programming at the YLE unit responsible for Radio Finland. He says that the company's Administrative Council will probably take up the issue in the autumn. The cutback in distribution of Radio Finland programming is prompted by YLE's need to slim down costs. The broadcasting costs of Radio Finland are an annual 3.4 million euro. "Running costs need to be reduced. YLE is trying to get by with the budget it had in 2001 all the way until 2008", Peltonen says, noting that any increases in costs have to be balanced by cuts elsewhere.

Radio Finland is the only free source of information in Finnish and Swedish reaching expatriate Finns in almost every corner of the world. Its programming is compiled from broadcasts on YLE's domestic radio channels. The channel also has six journalists who produce programmes aimed at expatriate Finns. About 250,000 Finnish citizens live abroad. The number of Finns who spend at least some time abroad for reasons of work is constantly growing. Peltonen notes that although no

listener studies have been made, he estimates that Radio Finland has tens of thousands of listeners.

The head of Radio Finland, Juhani Niinistö, says that shutting down shortwave and mediumwave broadcasts would probably lead to a sharp reduction in listeners, as the Internet is very expensive and difficult to use in many countries. He also notes that satellite equipment is expensive, and that it is not available everywhere - even in the United States and Australia. Peltonen admits that the decision would amount to a weakening of service: "Especially for expatriate Finns who move around much, a world band radio has been a handy device." YLE has already axed nearly all foreign language services abroad. The 2002 decision was based on YLE's desire to focus on serving Finns living abroad. "However, there are no plans to completely shut down services for Finns abroad", Peltonen promises. (*Helsingin Sanomat, via Media Network weblog 09 Feb.*)

France

Jean-Pierre Penaud in Paris Reports the start of the programs of Radio De La Mer on 1080 kHz. Heard very well near Paris at 1845-1900 UT on 10 February. Radio de la Mer 59, rue Lepic 75018 Paris, France. Président: M. Brosseau. Tel. :+33 01 49 23 50 01; Fax :+33 01 49 23 50 01. For your email report you may utilize this link : <http://www.radiodelamer.com./contact1.php> 1080, 10 Feb. Radio de la Mer, 1845- F, YL singing ID first day Very Good. Adios, Spain (*via Dario Monferini, playdx, via DX LISTENING DIGEST, 12 Feb.*) Radio de la Mer 1080 is on air since (around) 17th of July but only on test with a simple carrier (no modulation). The power during these tests is only 0.5kW. It's impossible to tune into it from my home, but I have confirmation, last time one hour ago, that it is possible to tune into it well some km from the transmitter. The location is Romaineville (1 km north-west of Paris) where FIP (585 kHz), and RFI (738 kHz) are located. Concerning FIP, I have confirmation that the power is 5kW, and not 10kW. (*Thierry Vignaud, via BE, via ARC MV-Eko.*) Now on the air with mostly non-stop music, but a few IDs are broadcast. Power 0.5kW, but will soon be increased. Started on Feb 10th at 1445UTC. (*Thierry Vignaud, 10 Feb. via ARC MV-Eko.*)

Radio Livres Telerama is actually off the air. (*Thierry Vignaud, 14 Feb. via ARC MV-Eko.*)

Radio Vaticana is using the two Radio Monte Carlo MW outlets in parallel with 1530 kHz. Relay of Vatican as follows: on 702 kHz, 400kW from Col de la Madone 1810 - 1940UTC. On 1467 kHz, 1000kW from Roumoules 1730 - 1940UTC. (*Christian Ghibaudo, Nice, France, 02 Feb., DX LISTENING DIGEST, via ARC MV-Eko.*)

Germany

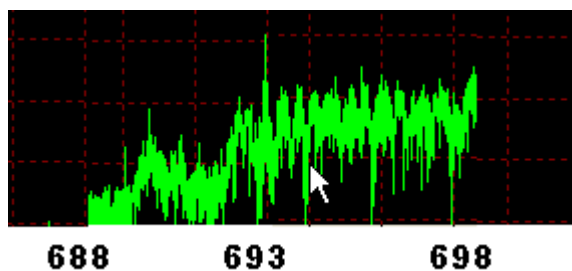
According to Klaus Schneider, Zehlendorf 177, effective April 1st, will switch to DRM (I understand from his wording that it will be 'pure' DRM, i.e. no simulcast mode). (*Kai Ludwig, 28 Jan, via ARC Mv-Eko, 14 Feb.*)

738kHz. TruckRadio will use this frequency from Stuttgart-Hirschlanden. Burg 531 is also being planned. (*Station website, etc, via ARC Mv-Eko, 14 Feb.*)

990 kHz. DeutschlandRadio Berlin back in operation from 04 Feb. The frequency was off the air for several weeks due to damaged guy wires of the antenna. In the meantime, 855 was used in AM but is now back in DRM. (*Olle Alm, various reports, via ARC Mv-Eko, 14 Feb.*)

603 / 693 Voice of Russia is using these two frequencies. Both transmitters are located at Zehlendorf, north of Berlin. 603 is Telefunken transmitter TRAM 50 and 693 is TRAM 200 (*Kai Ludwig 14 Feb. via ARC Mv-Eko*)

In the last couple of issues I have noted all the speculation on the simulcasting mode used on 693kHz. As the composite signal is contained within the 9KHz channel then the spectrum will look like the simulation below. The arrow indicates the DRM portion of the signal. The DRM portion will always be in the USB portion of the channel otherwise it just won't work! I covered this in my January newsletter on digital radio technology available from www.radioeng.co.uk. (Regards, Kevin Ryan, 10 Feb.)



Saarlaendischer Rundfunk is to start a new MW program soon. SR director Fritz Raff announced on Feb 21 an "information program" with a "mainly German-French character". Six times a day French news in cooperation with RFI will be broadcast. The program line-up will contain parliament coverage and the "Mezzora Italiana" programme for foreign workers as well: <<http://www.sr-online.de/dersr/117/339598.html>>

SR's release mentions only a "state-wide mediumwave frequency". Some years ago there were reports about 1179 kHz to be used by SR with 20 kW. So it remains to be seen whether Deutschlandfunk will leave 1422 (but so far no such plans were hinted) or SR will bring up 1179 kHz for the new program.

The media authority of Niedersachsen put 630 kHz, the former Megaradio frequency at Braunschweig/Koenigslutter, on tender. The freq will be allocated for two years only: <http://www.nlm.de/deutsch/aktuell/aus_mw.htm>

Gossip has it that Voice of Russia is interested in using this frequency, hence the reallocation procedure now. (Kai Ludwig-D, *wwdxc BC-DX Feb 22*)

Greece

According to their QSL letter, local programmes of ERA Nea Orestiada are broadcast daily 0600-1200UTC on 1080 kHz (and FM 103.5 & 101.1). (Patrick Robic, via Bengt Ericson, via ARC Mv-Eko, 14 Feb.)

Iraq

BBC Monitoring can confirm hearing the following broadcasters as of January 2005:

- 594 People's (Al-Nas) Radio - 0400-1500
- 603 Republic of Iraq Radio - southern Iraq
- 675 Republic of Iraq Radio (parallel with 98.3 MHz) - 0500-1510
- 756 Information Radio
- 909 Radio Nahrain (IMN), Basra
- 999 Radio Bilad (Lands) - 0500-1300
- 1030 Al-Salam Radio - 0700-1700
- 1035 Al-Salam Radio - 0700-1700 (alternative to 1030 kHz)
- 1071 Radio Babil (IMN), Hilla
- 1116 Dar al-Salam Radio - 0500-1800 (parallel with 1152 kHz and 91.0 MHz)
- 1152 Dar al-Salam Radio - 0500-1800 (parallel with 1116 kHz and 91.0 MHz)
- 1179 Voice of Iraq - 0400-1800
- 1206 Voice of the People of Kurdistan, in Arabic and Kurdish
- 1305 Al-Mustaqbal Radio (parallel with 95.5 MHz) - 0600-1700
- 1395 Al-Mustaqbal Radio (frequency in southern Iraq - parallel with 95.5 MHz)

1593 Radio Free Iraq, in Arabic/VoA in English, Kurdish, Persian

Republic of Iraq Radio is the successor to Iraqi Media Network-Radio Baghdad, which was operated by the Coalition Provisional Authority. It is currently observed on air in Baghdad round the clock on 98.3 MHz FM, and for a shorter daily period (0500-1510 gmt) on 675 kHz mediumwave. It has also been observed in southern Iraq on 603 kHz.

Voice of Iraq was launched in Baghdad in summer 2003, and is currently on the air at 0700-2100 local time (0400-1800 gmt). The station has a web site entirely in Arabic at <http://www.voi.raq.com> which states that the radio "covers an area with 12 million Iraqi inhabitants". The site adds, among other things: "The Voice of Iraq, which transmits from Baghdad on 1179 kHz, is the first independent radio in Iraq's history. It started transmitting on 15 July 2003 after a month of testing.

Al-Mustaqbal (The Future) Radio - The radio is operated by the Iraqi National Accord movement (INA) and transmits from Baghdad on FM 95.5 MHz and AM 1305 kHz. The radio describes itself as "the voice of the Iraqi National Accord." The INA movement has a web site in English and Arabic at <http://www.wifaq.com>

Al-Salam (Peace) Radio is on the air daily at 1000-2000 local time (0700-1700 gmt) 1030 or 1035 kHz mediumwave. It is not known if this station has any connection with a similarly named music station on 106.0 MHz FM, Al-Salam Radio FM.

Dar al-Salam Radio - Dar al-Salam Radio (Haven of Peace) broadcasts from Baghdad and identifies itself as the radio of the Iraqi Islamic Party. The station was first monitored on 24 March 2004.

Bilad Radio operates on 999 kHz mediumwave in Baghdad. Programming consists entirely of Koranic recitations and the call to prayer. The station is on the air daily at 0800-1600 hours local time (0500-1300gmt).

The following are among stations in operation before April 2003 that continue to be heard inside Iraq:

Voice of the People of Kurdistan, operated by the PUK, currently broadcasts on 1206 kHz mediumwave and 4025 kHz shortwave. (*DXLD, via Steve Whitt, 26 Jan.*)

Voice of Iraqi Kurdistan observed on new frequencies BBC Monitoring observed Voice of Iraqi Kurdistan opening on 1116 kHz mediumwave at 0300 gmt on 7 February 2005, in parallel with their shortwave broadcast on the new frequency of 6335 kHz [formerly 6340 kHz]. The station was known to be operating on shortwave and VHF/FM [91.5 and 93.3MHz], but this is believed to be the first time observed on mediumwave. A bubble jammer started on the mediumwave frequency at 0322 gmt. Programming was in Kurdish, with identification announcements given variously as "Aira Dengi Kurdistana Iraqiya" [Voice of Iraqi Kurdistan] or "Aira Dengi Kurdistana" [Voice of Kurdistan]. This is believed to be the previously unidentified station observed by BBC Monitoring on this mediumwave frequency [1116 kHz] at 1330 gmt on 25 January 2005. Voice of Iraqi Kurdistan broadcasts programmes in Kurdish and Arabic in support of the Kurdistan Democratic Party [KDP], which has a web site at <http://www.kdp.pp.se>. (*Source: BBC Monitoring research in English 7 Feb 05*) via <http://medianetwork.blogspot.com/> via Steve Whitt)

Kyrgyzstan

1467kHz: 1530 TWR program in Russian via transmitter of R Maranatha (former R Extol) in Bishkek, Kyrgyzstan. Russian and Central Asian languages, changing at .15 and .45 but 1745-1800 was in English, I assume this was the regular MemCare by Radio program. Possibly signing off at 1800. No local ID heard. Iran made a lot of interference. (*Jari Savolainen, Kuusankoski, Finland, via HCDX, Vol 26, Issue 16, 15 Feb.*)

"Radio Ekstol" does not leave in an ether since Jan. 1, 2005; it has ceased to exist. The transmitter on 1476 kHz is rented with the religious organization MARAHAFa, that God means "comes". Now through this transmitter broadcasts only programs TWR with 15 up to 18UT on Kazakh, Kirghiz, Uzbek, Tadjik, Turkmen, Karakalpak, Russian, English languages. The part of programs goes in \\ with frequencies 864 and 5855 kHz. Everything else time it is silent. The increase broadcasting time TWR is possible with the beginning of a years (summer) season. The address for letters on the program "On Circles the": krugi@list.ru The address for questions and offers under the programs relayed on 1476 kHz - Glavpochtamt, Post Box 366, Almaty 050000, Kazakhstan. On quality of a signal, handicaps etc. - it is possible to send messages to me on the address: guvas@ngs.ru (*Vasily Guljaev, Astrakhan-RUS, RUSdx Feb 13 via BC-DX via DXLD, via Steve Whitt*)

Lesotho

SW Radio Africa is very pleased to announce that starting Wednesday 23rd February we will be broadcasting into Zimbabwe on medium wave. Between 5 and 7 am every morning listeners can tune in to 1197Khz in the medium wave band. These morning broadcasts are also available on shortwave on 3230Khz in the 75 metre band. Our evening broadcasts remain unchanged on shortwave 6145Khz in the 49 metre band. <http://www.swradioafrica.com/> (*Mike Terry, BDXC-UK, 22 Feb.*) Presumably the 100 kW transmitter in Lesotho / Lesutu used by Family Radio, per WRTH 2005 at 1600-2200 only; this would be at 0300-0500 UT (*Glenn Hauser, DX LISTENING DIGEST, via BDXC-UK, 22 Feb.*)

Libya

It seems that the MW scheme shown in WRTH 04 / 05 has to be corrected. Reported in January:

1300 - 1400	675, 1251, 1449 Programme 'A'
1400 - 1500	675 Programme 'A', 1251 // 1449 Programme 'B'
1500 - 1600	675, 1449 (from 1555 also 711 & 1251) Programme 'A'
1600 - 1630	Central News Bulletin on 711, 765, 1251, 1449 + SW
1630 - 1650	711, 1251, & SW whistle tone (test tone)
1630 - 1700	675, 1449 programme 'Istiklal Sudan'
1650 - 1700	Frequency & time parade on 711, 1251 & SW
1700 - 1900	675, 972, 1125, 1449 Programme 'A'
1700 - 1715	'Holy Quran' programme <u>and just at</u> 1715 is opening of Voice of Africa on 711, 1251 & SW.

Programme 'A' is called Radio 'Jamahiriya Great', programme 'B', 'C' are in Arabic.

News in EE & FF is reported at 1145, 1725, 1820, 1920, 2025 (on MW & SW) and on 711, 1251 only at 2125 and maybe later because 'Voice of Africa' is till 0400 on 711 & 1251, so the schedule of Voice of Africa is:

1000 - 1230 & 1715 - 2130 on SW

1715 - 0400 on 711 & 1251 kHz (*Rumen Pankov, Sofia, BUL, 07 Feb. via BDXC-UK*)

Lithuania

Radio Baltic Waves slightly changed the relay of Voice of Russia via Vilnius 612 (100kW); the current programme feed is

0800-1000 VOR Russkoye Mezhdunarodnoye Radio,
1000-1400 VOR Radiokanal Sodruzhestvo,
1400-1600 VOR Russkoye Mezhdunarodnoye Radio. (*Bernd Trutenau-LTU, via mwdx, 25 Jan.*)

Starting 1 March, Radio Baltic Waves International will provide a relay of RFE / RL in Russian for a local audience in Siauliai (Northern Lithuania) on 1386 with 3kW from 0500-1600. (*Bernd Trutenau-LTU, via mwdx, 09 Feb.*)

Radio Baltic Waves - Vilnius, 612 kHz, 100 kW, ND:
0400-0600 Radio Free Europe/Radio Liberty, Belarusian
0800-1000 Voice of Russia-Russkoye Mezhdunarodnoye Radio, Russian
1000-1400 Voice of Russia-Sodruzhestvo, Russian
1400-1600 Voice of Russia-Russkoye Mezhdunarodnoye Radio, Russian
1600-2200 Radio Free Europe/Radio Liberty, Belarusian
2200-2230 Polish Radio-Radio Polonia, Belarusian

Radio Baltic Waves International - Sitkunai, 1386 kHz, 500 kW, ND:
2002-2100 China Radio International, Czech
2100-2200 China Radio International, English
2200-2300 China Radio International, German

Radio Baltic Waves International - Siauliai, 1386 kHz, 3 kW, ND [From March 1, 2005]:
0500-1600 Radio Free Europe/Radio Liberty, Russian

Radio Baltic Waves International - Sitkunai, 1557 kHz, 150 kW, ND:
1800-2000 China Radio International, Russian
2000-2100 China Radio International, Polish
2100-2200 China Radio International, Chinese
(*Rimantas Pleikys 10 2 2005 via Dr. Hansjoerg Biener, emwg, 11 Feb.*)

Luxembourg

Clearly they are now confining DRM to their night time hours. Noted 1440 with DRM this afternoon. I wonder what regular listeners to Luxembourg make of the abrupt change? Or perhaps there are no listeners to worry about? RTL lists 0800-1700 with DRM http://www.baseportal.com/cgi-bin/baseportal.pl?htx=/drmdx/main_detail&cmd=all&Id==115 (*73, Steve Whitt, 26 Jan.*)

Moldova

On 12 Feb at 1804 noted powerhouse VOR in Bulgarian on 1566 instead of its normal 1467 Grigoriopol MDA. Continued at 1900 in Greek. A permanent move or just Saturday night fever? (*Jari Savolainen, Kuusankoski, Finland, via HCDX Digest, Volume 26, Issue 13, 13 Feb.*) Kai Ludwig and Patrick Robic in Austria suggest in German A-DX NL, that Maiac Moldova 1467 replaced by 1566 kHz for that particular transmission. 1467 Co-channel Vatican R via Roumoules-France, 1200 kW. In central Europe, 846, 1503, and 1566 are more or less 'empty' channels these days, (except Albion's low power carpet...) (*73 wb, via HCDX Digest, Volume 26, Issue 13, 13 Feb.*) 1566kHz. Voice of Russia has moved here from 1467kHz between 1800 and 2100. Transmitter location: Grigoriopol. Bulgarian 1800-1900, 2000-2100 and Greek 1900-2000. (*Patrick Robic, Austria, 12 Feb, via ARC MV-Eko*). 1467 is used by Vatican Radio during this

period. (BE, via ARC MV-Eko). Voice of Russia in Bulgarian and Greek languages heard on 1566. Sign-on of txr- before 1800; 1800- px in Bulgarian, 1900- px in Greek, 2000- px in Bulgarian. Sign-off of txr after end of transmission at 2100. I guess it is reactivated txr in Ukraine. Only a guess, not real info. (Robertas Petraitis, 12 Feb, via BDXC-UK). 1800 - 1830 Radio Pridnestrovye (separatist) in Russian on 999 kHz and also 0500 - 0530, 1700 - 1730 on 549 kHz, but not heard! (Rumen Pankov, Sofia 07 Feb, via BDXC-UK.)

Mongolia

The following Mongolian LW & MW transmitters are active. In brackets are the correct output powers as provided by Mongolian Radio: Ulanbataar-Khonkor 164 (500kW), Ulgii 209 (30kW), Dalanzadgad 209 (75kW), Choibalsan 209 (75kW), Altay 227 (75kW), Murun 882 (75kW) and finally Ulanbataar-Khonkor 990, used for some FS relays (listed as 500kW, but rather 50). (Maarten Van Delft, January DSWCI SW News, via DXLD, via ARC MV-Eko)

New Zealand

With so many changes taking place or planned in the next few months, we've put together a summary which we hope is useful:

531 Alexandra	More FM ex Radio Central on air
549 Gisborne	NZ's Rhema moved to 648 and this licence sold to Canwest Radioworks
648 Gisborne	NZ's Rhema now here since October 2004
702 Auckland	Radio Pacific here until April, then joins new Radio Live 24/7 news network
738 Christchurch	Radio Pacific here until April, then joins new Radio Live 24/7 news network
756 Palmerston	Radio Puketapu now here ex 954, 400w
810 Auckland	Decision on new community access station here delayed
828 Palmerston N	The Breeze ex Magic 828 on air
954 Dunedin	Coast now here, new transmitter location, increased powermax to 3.162 kW
990 Nelson	More FM ex Radio Fife on air
1170 Invercargill	Potential launch of Coast here shortly to compete with 1224 More FM
1206 Dunedin	More FM ex Radio Otago on air
1224 Invercargill	More FM ex Foveaux Radio on air
1242 Timaru	Freq sold to Canwest Radioworks
1260 Christchurch	The Breeze ex Lite FM on air
1359 Queenstown	More FM ex Resort Radio on air
1476 Auckland	Freq sold to Canwest Radioworks, Worldwide stays until April, then new station here, transmitter location now Henderson ex Mangere
1485 Gisborne	Freq sold to NZ Racing Board, power increase to 3.162kW max, due on air in April as part of new TAB Racing Network.
1548 Rotorua	More FM ex Lakes 96FM on air
1593 Christchurch	Coast ex Easy Listening is on air

In view of the rapid changes, we also list the currently silent allocations which may come on air at any time. More information on these licences is available shortly at www.radioheritage.net.

540 Christchurch	Rhema	657 Tauranga	National Radio
585 Blenheim	Rhema	666	No current assignment in NZ
612 New Plymouth	Rhema	684	No current assignment in NZ
Te Anau	Rhema	747 Greymouth	TRN
648 Greymouth	Rhema	855 Christchurch	TRN

864 Kapiti Coast	Canwest	1368 Napier-Hastings	Local ownership
873 Tauranga	Canwest	1368 Greymouth	Rhema
900 Whangarei	TRN	1377 Dunedin	Rhema
918 Greymouth	National Radio	1422	No assignment in NZ
1107 Waihi	Local ownership	1467	No assignment in NZ
1179 Wanaka	Canwest	1485 Twizel	TRN
1251 Taupo	TRN	1494 Hamilton	National Radio
1251 Queenstown	Rhema	1494 Taupo	National Radio
1269 Tauranga	1XX	1521 Reefton	TRN
1314 Invercargill	National Radio	1548 Palmerston Nth	Local ownership
1323	No assignment in NZ	1566	No assignment in NZ
1359 New Plymouth	TRN	1575 Hamilton	TRN

If you have air checks, car stickers, QSLs or other memorabilia of any of the 'old' stations and wish to share (copies) of them with others through our on-line archive, please contact us at info@radioheritage.net or write, PO Box 14339, Wellington, NZ. (*David Ricquish Radio Heritage Foundation via HCDX Digest, Vol 25, # 26, 26 Jan*)

Oman

Address for the Al Ashkara site (QSLs received from this address): Resident Engineer, VT Merlin Communications & Partners LLC, BBC Relay Station, POB 40, Al Ashkarah PC 422, Oman. E-Mail: rebers@omantel.net.om (*Hans-Dieter Buschau via HCDX 20 Jan, via ARC MV-Eko*).

Philippines

Radio Netherlands DG on Talk to America this Friday Kim Andrew Elliott advises us that he will be hosting Talk to America on the Voice of America the first Friday of every month. On Friday, 4 February, Radio Netherlands Director-General Jan Hoek will be the special guest. Talk to America is broadcast at 1600-1700 UTC as follows: To Asia on 6160, 7125, 9645, and 9760 kHz shortwave plus 1170 kHz mediumwave and worldwide via the live audio stream at www.voanews.com/english/Webcasts.cfm. (*Media Network weblog, via BDXC-UK, 02 Feb.*)

Poland

Twoje Radio 6 Plus in Radzyn Podlaski on 1395 seems to have started with regular transmissions, acc. to the news portal <http://www.radoradzyn.of.pl> A UNID Polish station was heard by Patrick Robic in Austria on 1395 on 1 February at 2305 UTC (*via A-DX mailing list*). More info about the station was posted here on MWDX on 6 December 2004. The station's email address is radoradzyn@wp.pl (*Bernd Trutenau-LTU, 02 Feb.*) Heard in Finland on 02 Feb., at 1425 - 1602 (*JJK in DXclusive, via ARC MV-Eko*).

There has been some confusion about the identification heard via the transmitter in Radzyn Podlaski on 1395. For most of the time, this transmitter relays Polskie Radio Lublin. PR Radio Lublin uses two standard on-air identifications: "Twoje Radio Lublin" and "Twoje Radio L". "Twoje Radio" stands for "Your Radio". PR Radio Lublin has used these labels for a long time, they are not linked with the operation of the community radio station in Radzyn. This can be confirmed by listening to the live audiostream of PR Radio Lublin at <http://radio.lublin.pl>. The name of the community radio station in Radzyn on 1395 is "Twoje Radio 6 Plus". Despite of relaying PR Radio Lublin, this station is not affiliated with Polskie Radio, but an independent, local project. (*Bernd Trutenau-LTU, via mwdx, 10 Feb.*)

To further clarify the situation they also of course use standard ID's like "Polskie Radio Lublin", "Radio Lublin" and "Radio L". The longer "twoje=your" version seems to be used in jingle ID's. I just posted samples of all of them to the mwdx files section. The best bet to catch programming of the 'genuine' community station Twoje Radio 6 Plus should be between 0730-0930 and 1430-1700; I heard it with a full ID at 1445. (73, Mauno Ritola, mwdx, 10 Feb.)

Twoje Radio Ilza, new Polish station on 1602kHz. V/s A. Nowak, e-mail: biurowanda@pro.onet.pl They started regular programming 15 Jan, according to the mail. (Bjorn Fransson, 23 Jan, DX LISTENING DIGEST, via ARC MV-Eko)

Romania

Looks like DRM will operate on 855kHz. If so could this be the first MW frequency with 2 DRM stations? http://www.harris.com/view_pressrelease.asp?act=lookup&pr_id=1510 & http://www.harris.com/view_pressrelease.asp?act=lookup&pr_id=1500 (Steve Whitt, 14 Feb.)

More changes in Home Service after January 1st 2005. Please see also WRTH 2005. The main programmes on LW / MW are now:

RRA = Radio Romania Actualitati
RAS = Radio Antena Satelor (= village Antenna)
RRC / CS = Radio Romania Cultural - Church service

The local / regional services are: Radio Cluj; featuring Radio Sighet; Radio Timisoara; Radio Reshita; Radio Constanta etc. Radio Romana Cultural, RR Musical, RR Tineret are already only on FM (mainly in the range of 87.5 - 108 mHz), RAS ID is for: 531 kHz (Oradja presumed); 603 Hercultrau (it is near Bucharest); 630 Voineshti; 1314 Timisoara & Valu Lui Trajan. Ras's 531 kHz is heard here strongly - it is a new transmitter. Another on 531 kHz, mentioned in the WRTH, is Petroshani with RRA programmes only and the same is the case with 1314 kHz, the new transmitter is located somewhere near the Black Sea coast.

ROC (Radio Oltenia Craiova) is heard here now on 603 kHz (Oradja), 1314 kHz (Craiova) and FM 105.0. RRC / CS was heard on Sundays 0800 - 0830 with Catholic Service and from 0830 with Orthodox Church Service, reported on RR Cultural's 89.5 mHz // 531, 603 & 1314 (freqs of RAS). There are a few central news bulletins, under the title "Radio Romania", for example at 1600UTC heard on all RRA outlets, but also on RR Cultural (89.5 FM), RR Musical (97.6 FM); all of ROC, all txs on 531, 567, 558, 603 (with echo), 630 (echo), 711, 720 (echo), 756, 855, 909 (echo) etc till 1593 kHz (echo0, but from 1610 UTC with different programmes already. Radio Constanta was mentioned in the broadcast of RRA that is now on 1530 kHz. Another transmitter on 1530 kHz is with RRA programme. Maybe there are more changes, I have to make more observations. (Rumen Pankov, Sofia, 07 Feb., via BDXC-UK)

Russia?

I hear VOR in Russian (Commonwealth) at 0500-0640 utc on 1026 kHz. I didn't find this programme in my databases. SIO: 0500 - 555, 0550 - 343, 0600 - 232, 0630 - 344, 0640 - 000 Where it can be? (73! Ilea, via mwdx, 28 Jan.)

The process of transformation of regional "GTRK" companies (that previously were self-dependent) to subsidiaries is now going on. This leads to major financial cuts. As a result, the amount of regional broadcasting is also diminished. Some examples: Barnaul - five news bulletins (10 minutes each) only remain. Astrakhan - similar situation; 729 kHz is silent. Penza - don't hear its broadcast on 855 kHz after 1500. Rostov-na-Donu - don't hear its broadcast on 945 kHz after

1500. 765 kHz at 1500 - only Radio Rossii. 1080 kHz silent at 1500? But the following cities are still on with their regional broadcasting: Yekaterinburg (279), Perm (585), Chelyabinsk (738), Tyuman (1485), Kudymkar (1458), Orenburg (1053, 936, 1395), Omsk (639). Transmitter in Chaykovskiy (Perm oblast) on 1512 kHz is silent. Is there any regional broadcasting on 225 kHz (tx in Surgut)? (*open_dx - Victor Rutkovsky, Yekaterinburg, via Signal 20 Jan, via DXLD, via ARC Mv-Eko*)

1197 kHz GTRK "Saratov" schedule: 0410 - 0459 Mon - Fri, 0700 - 0710 Mon - Fri, 0710 - 0759 Sat / Sun, 1110 - 1159 Mon - Fri, 1500 - 1510 Mon - Fri. (*Mikhail Kozhevnikov, Saratov, in "RUS-DX" #139-A, via ARC MV-Eko*).

Spain

Spain's RNE begins regular DRM broadcasts on mediumwave. Radio Nacional de España (RNE) today begins regular digital radio transmissions on mediumwave, with which it becomes a pioneer of the DRM system. RNE explained that from now on digital and analogue transmissions will share the same frequency, "until we migrate definitively to digital technology, giving the capacity for a greater number of quality programmes on mediumwave, similar to FM, with additional multimedia services and the possibility of automatic tuning." According to RNE the innovative character of digital technology on mediumwave has made it necessary to conduct a series of tests and the putting into operation of an experimental DRM system on mediumwave permitting the possibilities of the system to be explored. For that reason, a year ago a collaboration agreement was signed a year ago between RNE, the University of the Basque Country and the company VIMESA, for the accomplishment of these tests. The DRM transmissions are coming from the Arganda transmitting centre, with 10 kW power on 1359 kHz. This morning a special half-day conference is being held at the RTVE headquarters in Madrid to mark the launch. (*Media network weblog, 25 Jan.*)

It is official: from today RNE is using DRM on its MW outlet in 1359 KHz with 10 kw. (*Mauricio Molano, Salamanca, Spain. 25 Jan.*)

In case Mauricio is not on-line (have been waiting some time for a reaction from him), allow me to resume the press release along general lines. Most of all it explains that RNE began broadcasting in 1937, that its MW transmitters (especially Radio 1) cover most of Spain and that unfortunately the coverage of their FM system (which offers a much better audio quality) is not as good. MW has lost many listeners, due to the lower sound quality, especially for music, and due to the higher number of stations available on FM (UHF). Moreover the text explains that MW signals cover large distances, especially during dark hours, but that then paradoxically enough the possibility of reception [suppose they are not referring to DX-ers] is reduced due to increasing interference. DRM combines a better quality (with possibilities for automatic tuning and additional services) with the large coverage of the MW frequencies. (*Frank van Gerwen / NL, via emwg, 26 Jan.*)

Hi! I suppose the operating time would be that not used by the 600 kw AM tx., around 1700 to 07/08 UTC. So, daytime only for now. The 600 kw tx operates from sunset to sunrise. Now 24/7 without relay of R3 educational programs. Only R1 regular programming. (*Saludos, Mauricio, via mwdx, 26 Jan.*)

About this new DRM transmission, (there) is available on line an English document written by Telefunken that have modified the transmitter for DRM. http://www.telefunken-sendersysteme.de/int/DRM_Test_in_SpainE.pdf (*Andrea Russo, Italy, via emwg, 26 Jan.*)

Sudan

I was delighted to hear Radio Juba reactivated on its former frequency of 693, not on new 810 as I was advised last year that it might be on. Heard with good signals on 693 in the evening with English music request programme and news in English at 1800. (*Chris Greenway, Kenya, BDXC-UK, 16 Feb.*)

Syria

At 1830UTC ID "Sawto Kuetto" (?) in AA & news on 666, 747, 936 & on 783 kHz news in RR. (*Rumen Pankov, Sofia 07 Feb. via BDXC-UK*)

Turkmenistan

According to info from Turkmen Radio received by Sergey Kolesov-UKR, the transmitter on 1125 with so far unknown location, carrying the "Watan" programme of Turkmen Radio, is situated in Ashgabat and has a power of 20kW. (*Bernd Trutenau-LTU, via mwdx, 28 Jan.*)

United Arab Emirates

On 10 Feb at 1520 noted Radio Farda on new 1575 mixing with VOA Thailand. Couldn't hear Farda on its former 1170. According to logs from Nilsson and Ritola, Radio Asia moved couple of days ago from 1575 to 1557. So, 1575 is a new frequency from Dhabbiya, UAE? R Farda audible also on 1170 // 1575. I guess 1575 is the new 800kW transmitter built by Thales and partners, referred as "Al Dabiyah II". It was planned to be completed in the beginning of 2005. The "Al Dabiyah I" was the 1170 kHz 800kW transmitter. Info about these transmitters was given by Wolfgang Buschel and Bernd Trutenau in DXLD 4-114. (*Jari Savolainen, Kuusankoski, Finland, via HCDX Digest Vol 26, Issue 11, 11 Feb.*)

Just now February 11 at 1515 UTC I'm enjoying Radio Farda's superior reception on new 1575 kHz. Yesterday there was some QRM by IBB/ VoA Ayutthaya and Farda noted also on 1170 kHz. BTW, as far I know A... is the former Capital of Thailand. No contest between Farda and IBB here today. 800 kW would easily explain signal strength S9 +10dB. (*73s Jouko Huuskonen, Turku, Finland, via HCDX Digest, Volume 26, Issue 12.*)

Also Radio Asia from Ras al Khaimah on new 1557 kHz (ex -1575 kHz) coming through today Feb 11 at 1525 UTC. Fair to poor signal and lots of fading. A couple of days ago very strong "bubble" jamming on 1557kHz. Jamming is now increasing, so the jammer must be located in the Far East and in certain country, China? Are they jamming Kouhu? (*73s Jouko Huuskonen, Turku, Finland, via HCDX Digest, Volume 26, Issue 12.*)

Unknown

A new pan-European radio station has announced its launch date as 9 April. The station, known, as RTI, says it will be broadcasting to over 40 million people on AM/FM in central Europe, to the remainder of Europe via satellite, and around the world on the internet. No details of frequencies have been announced so far, but there is a tentative schedule online. One of the Directors of RTI is Eric Wiltsher, who will be bringing his Media Zoo programme to the station. RTI gives its address as 1 Northumberland Avenue, Trafalgar Square, London WC2N 5BW, United Kingdom. E-mail: info@rti.fm. (<http://medianetwork.blogspot.com/> via Mike Terry, BDXC-UK, 26 Feb.)

THE HOME FRONT

[British & Irish News]
with John Williams

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BBC News

Radio show for migrants launched on BBC Radio Lincolnshire **5 February, 2005**

Many immigrants come to work in the fields of Lincolnshire. A radio news service for migrant Portuguese workers is being introduced in Lincolnshire. The weekly round-up of local news, which will be broadcast on BBC Radio Lincolnshire 1386 kHz, is believed to be the first scheme of its kind in the UK.



The programme will be broadcast every Sunday at 1805 GMT in Portuguese. It is being launched to cater for the needs of the county's growing migrant population who come to work in the agricultural sector.

Rui Silva, translator and presenter on the 'News in Portuguese' said: "The news is made by English people and their interests are not the same as the Portuguese community." Mr Silva, who also works for Boston Borough Council, said: "Many times there are people that go there and they don't have a clue about their rights, what they can get from the council."

(www.bbc.co.uk/radiolincolnshire)

BBC 5 Transmitter Enniskilen **6 February, 2005**

The Radio 5 transmitter on 693 kHz at Enniskilen does not have its signal delayed before being fed to the transmitter. Therefore if you are listening to that transmitter you may well be able to hear other distant transmitters a considerable time behind the local one. This anomaly was particularly noted during the hours of darkness, and could be somewhat annoying to some people, given that from my listening location there was no strong signal on 909 kHz. (*Paul David Chairman Brent Visually Handicapped Group*)



Commercial Radio

MV Communicator could be used for broadcasting again **7 February, 2005**

One of the companies planning to apply for a new commercial radio licence in East Anglia is to have talks with the current owner of the radio ship MV Communicator about the possibility of using it as a transmitting base four miles off Felixstowe. The licence, for a station covering a population of a half a million in the area of Ipswich, Felixstowe and Woodbridge, is due to be



advertised by UK media regulator Ofcom in the summer.

Radio enthusiast Shaun Brown told the Ipswich Evening Star that the station - if it gets the go-ahead - will play all sixties music, with sixties-style jingles. But there will be other applicants - Ipswich Local Radio, a consortium run by businessmen and radio experts, has also announced a bid for a station with a music policy close to BBC Radio Two with local news and information.. (www.mediaguardian.co.uk)

Kismat Radio to launch on 28 February **8 February, 2005**

London's new Asian radio station, Kismat, is to launch on 28 February. The station is carrying test programmes on medium-wave 1035 kHz and Sky Digital. Kismat replaces adult contemporary station Easy Radio on these frequencies. Both stations are owned by Sunrise Radio.

Kismat is a station principally for adults in the Asian communities around London. It will broadcast speech with an emphasis on news, debate and discussion relevant to London's million plus Asians and a mix of popular forms of music including Asian Gold & Hits, Folk music, Qawwalis, Ghazals and religious music. Kismat's Website is online, but as yet only contains a Home Page and a listing of jobs available at the station. (via Andy Sennitt) Max van Arnhem reported test transmissions on 27th February.



Offer made for Virgin Radio

11 February, 2005

Richard Branson's Virgin Empire has emerged as a significant player in the battle for control of Virgin Radio, which is under siege from the media mogul Lord Alli and the venture capital firm 3i. Virgin granted the station the right to use its name when it was bought by Chris Evans eight years ago. That agreement, which continued when SMG took over in 2000, is understood to include a change-of-control clause that may give Virgin the right to veto Lord Alli's bid.

Branson's advisers, who are taking legal advice about the power they have under the radio station's brand licence, want to know how much cash will be pumped into the business if the Labour peer gets hold of Virgin Radio. Virgin Group is understood to be keen to protect the value of its brand. However, legal sources said the brand licence may give some protection for Branson's group but it would be unusual for such a contract to preclude a deal.

Analysts say the station, which has lost listeners under SMG's ownership and has seen key talent defect to rivals, needs a cash injection to rejuvenate it in an increasingly competitive market. A knock-out bid for Virgin Radio may please SMG's shareholders and could force a break-up of the rest of the Glasgow-based group. However, if there is no new money being invested in Virgin Radio, Lord Alli may find himself buying a broadcasting licence for a station with no brand name. Virgin group and SMG refused to comment. Last month, SMG rejected a £100m bid for Virgin Radio from 3i and Lord Alli, co-founder of television production company Planet 24.

Virgin won a licence for its radio station in 1992 and launched on AM, using the 1215 frequency - well known to fans of BBC's Test Match Special as the home of ball-by-ball coverage. The station was 75% owned by Virgin with the rest held by Apax Partners and Company Ventures. Two years later, the station was awarded a new FM licence in London and also launched on that frequency.



In 1997, Chris Evans and Virgin's original partner, Apax, approached Branson. As a result, Ginger Productions - later Ginger Media Group - bought the station for £85m. In 2000, SMG bought the station and Ginger Media Group from its TV-star owner in a £225m deal. The following year, Evans was sacked after failing to turn up for work five days in a row. He then sued Virgin Radio for £8.6m compensation, and was counter-sued by SMG. The case came to court in 2003. After weeks of lurid media coverage of his drinking, Evans lost his claim and was ordered to pay £7m in damages. (www.mediaguardian.co.uk)

MacKenzie's Wireless Group bid collapses

24 February, 2005

Kelvin MacKenzie's plans to take Radio Company "The Wireless Group" private, suffered a severe blow today when his private equity backers pulled out, with sources blaming interpersonal relations as the cause of the collapse of the deal. It is understood that Mr MacKenzie, who for 13 years edited the Sun, felt that the American investors "did not know how to work with creative executives".

Just 10 days after it emerged that Mr MacKenzie, the Wireless Group chairman and chief executive, was plotting a £100m bid for the company, the proposed deal is off. And the company, which owns the TalkSport national franchise, also revealed that it has been talking to other potential bidders after receiving "expressions of interest" from them.

Mr MacKenzie has been told by the Wireless Group's three independent directors that he can continue discussions with other potential investors now that his plans have fallen through.



Today the Wireless Group said that although it was talking to potential bidders, it had not yet received any proposal. One potential bidder tipped by analysts is Chrysalis, the owner of Heart FM in London and the Galaxy network, which is hungry for a deal as it watches consolidation elsewhere in the radio industry. The Wireless Group owns one national station, TalkSport, and 16 local radio stations including Swansea Sound and Dundee's Wave 102. (www.mediaguardian.co.uk)

RSL & LPAM News

Only four football clubs' now broadcast their home games on the medium wave band. There may be additional games depending on the FA Cup results involving Manchester Utd.

Football Club	Station	March fixtures	April fixtures (up to 10 th)
Crystal Palace	Palace Radio 1278 kHz	5 Manchester Utd	2 Middlesborough
Blackburn	Radio Rovers 1404 kHz	12 Norwich 19 Arsenal	9 Southampton
Manchester Utd	Manchester Utd Radio 1413 kHz	19 Fulham	2 Blackburn
Barnsley	Oakwell 1575 kHz	19 Milton Keynes 28 Walsall	9 Wrexham

After the long rebuilding, refurbishing and rebranding of Jam1575, the station is back! After switch-on at 11.00 on Monday 31 January 2005, Jam will be on-air 24 hours a day, 7 days a week bringing you mainstream by day and specialist by night. We now bring you a bigger, better and brighter station with new talent, new presenters, new DJs, new equipment, and the most vital ingredient ... more Jam! (*via Steve Whitt*)



EUROLOG

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with John Williams

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kHz	Station, location; details heard etc	SIO	UTC	Date	Who
198	Raszyn. Poland with PR 1 programming at 1530 // 225kHz.	222	1520	22/01	CH
549	UCB Europe, Dundalk, – ID "UCB Europe" top music program by Robbie	355	1032	05/02	VL
567	RTE1, Tullamore, – ID // 252 kHz	355	1040	05/02	VL
603	France info, Lyon, FF	455	1559	05/02	VL
666	Classic Gold 666 /954, Exeter, – ID "Classic Gold" music	244	1119	19/02	VL
675	Arrow Rock Radio, Lopik– ID "Arrow Rock Radio"	455	1605	05/02	VL
693	VoR, Zehlendorf, RR then IS followed by GG programme at 1600	323	1600	11/02	CH
711	France Info, Rennes, f– ID "France info news"	555	0724	04/02	VL
711	COPE Murcia– ID "Cope Murcia"	455	0728	04/02	VL
720	RDP – Antena 1, multi qth, – ID + news in Portuguese	444	0730	04/02	VL
963	Radio Euskadi, Vitoria, – ID and news in Spanish	444	1800	30/01	VL

kHz	Station, location; details heard etc	SIO	UTC	Date	Who
999	Superloustic, Paris, – music + ID “Superloustic”	455	0643	10/02	VL
1026	SER Radio Asturias, – ID” Radio Asturias”	233	1059	19/02	VL
1044	SER Radio San Sebastian, – ID” Radio San Sebastian”	455	1058	19/02	VL
1116	SER Radio Albacete, ID ”Radio Albacete Cadena SER”	455	1759	07/02	VL
1134	Voice of Croatia, Zadar. EE programme 0300-0315.	433	0305	05/02	CH
1143	Radio Mayak, Bolshakovo. ID 0500.	332	0500	10/02	CH
1170	VoR, Sasnovy. VoR ID in RR	422	0350	10/02	CH
1170	Radio Slovenia International, Bel Kriz. EE ID in programme of pop music.	332	0350	05/02	CH
1179	R Actualitati, Bacau, // 1593kHz, Romanian music	433	0147	07/02	CH
1197	Virgin Radio, G, pop music, // 1215	24432	1547	11/02	GLV
1233	RTBF 4, Liege, – ID “Pure FM” French	344	2000	07/02	VL
1386	LPAM Carillon Radio Loughborough, oldies, ID “13-86 medium wave this is Carillon Radio”	W	1515	6/2	JVN
1395	Armenian National Radio, Yerevan. IS followed by NA at 0157	232	0156	07/02	CH
1395.3	VOA via Albania, Welcome to the Voice of America in Croatian	Exc	0530	9/2	JVN
1467	CRI Relay Grigoriopol, Maiac MDA, 1050 Hz test tone, chin YL ID, sign.on, px in Russian	34444	1529	11/02	GLV
1502.93	Radio Zavidovici / RTV Bosne i Hercegovine 1, Zavidovici, Jazz, ID at O=3 23:01, tx, ad’s, Jazz		2255	12/02	GLF
1503	Radio Stoke, ID ”BBC Radio Stoke”	355	0805	09/02	VL
1512	ERA1, Chania, Greece. 0400 news with jingles before and after.	232	0400	07/02	CH
1521	SER Castello, ID “ Radio Castello de la Cadena SER“	555	0729	07/02	VL
1530	AFN Keflavik AP news, Pentagon Report & "Thunder 15-30" ID Fair & dominant signal	F	0803	3/2	BD
1530	Pulse Classic Gold, Huddersfield, – ID ”Pulse Classic Gold”	454	0740	07/02	VL
1530	R Actualitati, Mahmudia/Radauti, // 153kHz	544	0240	22/01	CH
1539	SER Radio Manresa, ID Radio Manresa...Cadena SER”	355	0728	07/02	VL
1566	BBC Somerset, Taunton, ID ”BBC Somerset”	455	0720	07/02	VL
1566	County Sound Radio, Guildford, - ID	455	1721	07/02	VL
1575	Radio Nouveaux Talents, Paris ,ID + interview in French	555	1731	07/02	VL
1584	RMC Info, Strasbourg, – ID //216 khz	344	1733	07/02	VL

Many thanks to the following reporters:

CH Charles Hendry, Amersham, Bucks. Sony ICF-M400L, internal ferrite rod.
BD Barry Davies, Carlisle; AOR 7030, 100m long wire
VL Vincent Lecler, Poitiers, France – RX : TS850 / ANT: LW60M + EWE SW/NE
GLF Günter Lorenz, Freising, Germany, Drake R8B, Grahn GS3 ML1
GLV Günter Lorenz, Volastra (La Spezia), Italy, Icom R75, Grahn GS3 ML2
JVN John Vinther Nielsen, Herning, Denmark NRD 535, Palstar MW550p tuner/Preselector/Amplifier ALA 1530 and KAZ 4X16m SW, KAZ 8x32m NW

The **deadline** for the next issue is **23 March, 2005** .

73's *John*

DX LOGGINGS

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

kHz	Callsign	Station, location; details heard etc	SIO	UTC	Date	Who
252		RTA 3, Tipaza, Algeria; French program	344	1045	5/2	VL
540	CBT	Grand Falls NL; "CBC Hourly News", dominant	F/G	0704	23/2	mah
550	CHLN	Trois-Rivières QC; FF tlk/anns, u/o QRM	W/F	0755	1/2	mah
560	CHVO	Spaniard's Bay NL; separate CHVO country, from VOXM	G	2237	4/2	KB
560	CHVO	Spaniard's Bay NL; "And now for the CHVO school information reports"	F/G	0915	7/2	mah
570	CFCB	Corner Brook NL; suspect playing Jolene, // 590 VOXM, but can't prove it, due to RTE; VOXM now IDs as VOXM and CFCB all Newfoundland Radio Network, see my URL	vP	0238	6/2	KB
580	CFRA	Ottawa ON; station ID	F	0234	6/2	KB
580	CFRA	Ottawa ON; ads, ID "5-80 CFRA"; another North American station noted underneath (also F/G 0905 1/2)	W/F	0936	7/2	mah
580		RJR Baileys Vale, Jamaica; phone-talk heard from 0700; at 0740 caught a break for promo for "Beyond the Headlines ... live from the RJR News Centre", including several RJR IDs	W/F	0740	16/2	mah
580	WKAQ	San Juan PR; hrd from 0635; "WUKQ Radio Reloj" SS ID	F/G	0653	21/2	mah
590	VOXM	St John's NL; country music, ads	W	2308	6/2	JW
610	WIOD	Miami FL; "Now Coast to Coast AM with George Norey on south Florida's news, traffic and weather station, News Radio 6-10 W-I-O-D and newsradio610.com" (also F/G 0834 9/2)	G	0706	23/2	mah
610	CHNC	New Carlisle QC; FF talk show	F	0726	2/2	BD
620	CKCM	Grand Falls NL; separate game from VOXM Network and local vG ID, superb signal		0119	6/2	KB
620	CKCM	Grand Falls NL; VOXM // 650, 710; 620kHz often better than 590 this winter	Exc	2325	6/2	SW
620	CKCM	Grand Falls NL; VOXM country mx // 740 kHz	F/G	0723	16/2	BD
620	CM--	R Rebelde, 2 sites listed; unstable modulation, // 1180, 5025	W/F	0822	24/2	mah
640	CBN	St John's NL; NA, opening anns, fading out rapidly now	F/W	0922	8/2	mah
640	CFMJ	Richmond Hill ON; "Mojo Radio 6-40 Toronto"; xd CBN	W/F	0739	2/2	mah
650		KNR Qeqertarsuaq, Greenland; Danish talk, later piano mx, // DR 1 progr on 243 kHz	W	0738	5/2	Rha
650	WSM	Nashville TN; station job ad ending in "... and thanks for listening to 6-50 AM WSM", briefly dominant over CKGA, then mixing/equal; not heard in Clashmore for a few years	Gpk	0823	7/2	mah
660	WFAN	New York NY; sports talk	W	0749	2/2	BD
660	WFAN	New York NY; full exc IDs	F	0743	3/2	KB
670	CMBA	R Rebelde, Arroyo Arenas; // 5025 kHz (also W/F 0748 30/1)	F/G	0707	23/2	mah
680	WRKO	Boston MA; ID "Celebrating Black History Month this is WRKO The Talk Station"	F	0733	25/2	mah
680	CFTR	Toronto ON; "6-80 News Time 4.41" (also W/F 0813 29/1, W/F 0745 2/2, W 0745 16/2)	W/F	0941	7/2	mah
700	WLW	Cincinnati OH; "Right now it's 31 degrees at your official weather station News Radio 700 WLW"	F	0801	1/2	mah

kHz	Callsign	Station, location; details heard etc	SIO	UTC	Date	Who
700	LV3	R Córdoba; SS tlk, "Cadena Tres Argentina, servicio de noticias", jingle	F/G	0815	19/2	mah
710	WOR	New York NY; talk show	W/F	0727	3/2	BD
710	WOR	New York NY (pres); "Joey Reynolds Show from New York" over VOXM	Fpks	0657	23/2	SW
710	CKVO	Clarenville NL; VOXM country pops	F	0727	8/2	BD
710	CM--	R Rebelde, 4 sites listed; // 620, 1180, 5025 kHz	F	0825	24/2	mah
730	CKAC	Montréal QC; FF tlk, ID at 0759 "CKAC 7-30"	G/F/W	0750	30/1	mah
730	CKAC	Montréal QC; FF talk show	W	0750	2/2	BD
730	CMBB	R Progreso, Nueva Gerona; SS anns "la radio cubana", ID as "RP", nx (also W/F 0829 14/2)	W/F	0701	23/2	mah
730	OAX4G	R Programas del Peru, San Isidro ; mx, SS anns with temperatures for Cajamarca, 5 degrees, Puno 4, and Lima 20; tnx to Henrik Klemetz for the identifying the details on the clip	W/F	0715	21/2	mah
740	CBX	Edmonton AB; CBC Overnight px - Radio Nederland, I think; dominant for a short while over CHCM	W	0839	22/2	mah
740	CHCM	Marystown NL; "CHCM Country"	Fpks	0942	4/2	mah
740	CHCM	Marystown NL; local IDs and separate from rest of VOXM n/w	G	0940	15/2	KB
740	CHCM	Marystown NL; VOXM country // 710 kHz	W/F	0720	16/2	BD
740	CHWO	Toronto ON; Toronto AM 7-40 wx	P	0129	3/2	KB
740	CHWO	Toronto ON; "AM 7-40" jingle, dominant (also W/F 0850 30/1)	W/F	0742	3/2	mah
740	ZYH446	RS da Bahia, Salvador; PP anns, ID "Rádio Sociedade da Bahia"	F/G	0717	9/2	mah
750	CBGY	Bonavista Bay NL; CBC local s/on anns "CBG rebroadcasts on CBGY 7-50 AM Saint Chad's ..."	G	0925	7/2	mah
760	WJR	Detroit MI; traffic reports, ID	W/F	0906	1/2	mah
760	HJAJ	RCN Barranquilla; SS ads, IDs	F/G	0729	21/2	mah
770	HJJX	RCN SF de Bogotá; SS anns, IDs	F/G	0730	21/2	mah
780	WBBM	Chicago IL; wx, "... on Chicago's weather station News Radio 7-80 WBBM - WBBM News time 1.15"; dom over presumed CFDR (also W/F 0808 29/1, W/F 0838 1/2, F/G 0747 2/2)	F/G	0715	25/2	mah
780	CFDR	Dartmouth NS; still playing country	W	0731	1/2	BD
780	TIRA	R América, San José ; tuned in to SS anns, "Radio América" ID but not much else, mixing with LA mx from R Coro; UK FIRST	Fpk	0730	21/2	mah
780	YVMN	R Coro; LA mx, SS ID noted in the mix "3, 30 y 3 minutos ... Radio Coro" (also W/F 0850 19/2)	F	0731	21/2	mah
790	CFCW	Camrose AB; country mx, ID "Michelle Wright on 7-90 CFCW country favourites of yesterday and today", events	F/G	0837	22/2	mah
790	CMAQ	R Reloj, Pinar del Rio; SS rolling news, "Radio Reloj", "Morse "RR" etc, xf Fox Sports; (also Fpks 0745 14/2)	W/F	0742	4/2	mah
800	VOWR	St. John's NL; playing folk music	F	0734	1/2	BD
800	VOWR	St John's NL; usual type of programme	F	0736	15/2	KB
800	VOWR	St John's NL; ID weather & time check	F	2338	20/2	SW
800	CKLW	Windsor ON; "AM 800 CKLW", briefly over VOWR and CHRC; (also W/F 0805 1/2)	W	0831	7/2	mah
820	CM--	R Reloj, 2 sites listed; usual xd SS tlk; no sign of TBN	F	0716	23/2	mah
820		T.B.N. Charlestown, Nevis; "Hell fire and damnation" preacher	W	0644	16/2	BD
830	WCRN	Worcester MA; "True Oldies" jingles between tracks	F/G	0122	3/2	KB
830	WCRN	Worcester MA; "The all new true oldies channel 8-30 WCRN"	Fpks	0835	7/2	mah

kHz	Call sign	Station, location; details heard etc	SIO	UTC	Date	Who
830	WCCO	Minneapolis MN (tentative); ads, possible weak "WCCO" ID	F/W	0907	1/2	mah
830	XEITE	R Capital, México DF ; SS anns (ads?), ID "XEITE Radio ...", Fpk then light songs, in WCRN fade; clear call letters, but station name sounded to me more like "Radio Final" than "Radio Capital"; UK FIRST		0838	7/2	mah
840	WHAS	Louisville KY; "When you need to know, turn to News Radio 84 WHAS" (also G 0730 2/2, F 0859 7/2)	F/G	0733	21/2	mah
840	UNID	LA mx, SS anns "Al Rismo de la Noche", phone-discussion; stayed with it for 10 mins, mentioned "Enciclopedia oriente" in phone-discussion at 0736, so probably Cuba, but maybe PR??	W/F	0729	23/2	mah
850	WFTL	West Palm Beach FL; ID "This is the Joey Reynolds Show on WFTL, south Florida's News Live 85", equal/dom presumed WEEI; (also F/G 0706 16/2)	G	0807	23/2	mah
850	WEEI	Boston MA; "Sports Radio 8-50" ID	G	0210	3/2	KB
860	CJBC	Toronto ON; FF tk, ID "Ici Radio Canada ... CJBC Toronto"	W/Fpks	0900	1/2	mah
860	CM--	R Reloj, 2 sites listed; usual, xd LA mx	F	0742	23/2	mah
870	WWL	New Orleans LA; ID while trying for the NFLD stn	G	0900	15/2	KB
870	WWL	New Orleans LA; still talking	W	0716	16/2	BD
870	CMDT	R Reloj, Sancti Spíritus ; SS rolling nx, ticks, pips etc; unstable modulation	W/Fpks	0724	14/2	mah
880	WCBS	New York NY; rolling WCBS news	W/F	0754	2/2	BD
880	WCBS	New York NY; ID NYC traffic then weather	Fpk	0719	22/2	SW
880	WCBS	New York NY; "WCBS News Radio 8-80"	W	0917	22/2	mah
880	YVYM	R Venezuela, Puerto Ordaz; SS TC and full ID "... transmite Radio Venezuela YVYM 880 kilociclos ..."	W/F	0831	20/2	mah
890	WLS	Chicago IL; tk and ID	F	0735	3/2	KB
890	WLS	Chicago IL; promo "... on News Talk 8-90 WLS" (also W/F 0805 29/1, W/F 0836 1/2)	F/G	0735	25/2	mah
890	CMDZ	Radio Progreso, 2 sites listed; serious Cubano studio talk	W/F	0650	16/2	BD
890	UNID	LA Spanish (possibly Radio Progreso, Cuba?) fading up briefly	W	0620	24/2	JWe
900	CHML	Hamilton ON; good IDs, but only on NW bev - Euros on other	F	0917	5/2	KB
900	CMKP	R Progreso, Cacocum ; // 890 kHz, SS anns, IDs, website at 0930; xf YVMD and Euros; last reported in UK in 1988	Fpks	0914	15/2	mah
900	YVMD	Mara Ritmo, Maracaibo; "Venezuela Mara Ritmo 900"	W	0730	11/2	mah
920	WMEL	Melbourne FL ; Bush speech, ID "... headlines ... dot com on (... port's?) WMEL (south?)"; in CJCH fade	W	0848	3/2	mah
920	CFRY	Portage la Prairie MB; country mx; 0904 TC, IDs after BN	F/G	0849	1/2	mah
920	CJCH	Halifax NS; still playing nostalgia mx	W	0758	31/1	BD
920	CJCH	Halifax NS; oldies and ID	G	2331	6/2	SW
920	YVQX	R Nueva Esparta, Porlamar; LA mx, SS ID/TC "Nueva Esparta nueve y veinte AM cuatro, cincuenta y seis minutos"	W/F	0856	19/2	mah
930	CJYQ	St John's NL; "This is Radio Newfoundland CJYQ 9-30 AM Saint John's"	F/G	0732	11/2	mah
930	CJYQ	St John's NL; "This is 9-30AM CJYQ St Johns Newfoundland" then weather; low -14 degrees	G	2330	21/2	SW
930	CJYQ	St John's NL; amazing S9 + 40Db.	vG	2345	21/2	KB
940	WINZ	Miami FL; "AM 9-40 at South Florida's progressive talk"	W/F	0734	11/2	mah
940	CINW	Montreal QC; rolling nx & reports	W	0739	3/2	BD
940	CINW	Montreal QC; "9-40 News" over country mx	W/F	0744	25/2	mah

kHz	Call sign	Station, location; details heard etc	SIO	UTC	Date	Who
950	KJR	Seattle WA (presumed); ESPN Radio sports talk; hrd from 0640, still there 0727	Fpks	0701	25/2	mah
950	CFAM	Altona MB; classical mx, // 1250 kHz	F	0909	1/2	mah
950	CKNB	Campbellton NB; ID jingles between tracks; audio low as usual on inserts.	G	2319	4/2	KB
950	CKNB	Campbellton NB; still playing contemporary hits	W	0754	16/2	BD
950	CKNB	Campbellton NB; ID "95-CKNB"	Fpk	0722	22/2	SW
950	CHER	Sydney NS; "Oldies 9-50 Cheer" (also W 0935 4/2)	Fpks	0810	14/2	mah
950	CM--	R Reloj, 2 sites listed; usual SS rolling news, IDs	Fpks	0810	14/2	mah
960	CHNS	Halifax, NS. GTO ID "96 CHNS"	G	2351	23/2	KB
963		RTT Tunis-Djedeida, Tunisia; news in French	455	1702	30/1	VL
970	WDAY	Fargo ND; ads, promo "The best in Sports Talk Radio 9-70 WDAY" etc	W/F	0853	1/2	mah
970	WZAN	Portland ME; tele-talk show	W	0745	3/2	BD
970	WZAN	Portland ME; tuned in to catch "... 9-70 WZAN", John & Jeff	F	0746	23/2	mah
970	UNID	US station with adverts (not CBC)	Fpk	0720	23/2	SW
980	WOFX	Troy NY; "Fox Sports Radio AM 9-80" in the mix	W	0806	2/2	mah
980	WAAV	Leland NC; competition anns, "... starting this Monday 9-80 The Wave", briefly on top of the pile; at 0900 picked out "Wave Radio - the power of talk" from the mix, then I believe this was the one with CNN News; last reported in the UK in Sheigra in 1996	Fpk	0759	3/2	mah
980	CFPL	London ON; wx, "News Talk Sports AM 9-80 CFPL" (also vW vW 0747 16/2)		0830	2/2	mah
980	HJES	RCN Cali; merengue, SS "RCN" ID (also W/F 0802 10/2)	W/F	0858	19/2	mah
1000	WMVP	Chicago IL; "This is ESPN Radio 1000 - first for sport - WMVP Chicago, your home for Mike & Mike in the mornings, weekdays starting at 5 AM", ESPN Radio Sports Centre	F/Gpks	0800	29/1	mah
1000	KOMO	Seattle WA; rolling news "Komo-4 News", "Right now it's 46 degrees in Seattle, Komo 1000 News time 10.40"	Fpks	0640	25/2	mah
1010	WINS	New York NY; "Wins News time 3.02"	W/F	0802	29/1	mah
1010	WINS	New York NY; traffic & ID mixing equally with CFRB?	Fpks	0701	23/2	SW
1010	CFRB	Toronto ON; CFRB talk show	F	0733	2/2	BD
1010	CFRB	Toronto ON; ID in the passing	G	0830	3/2	KB
1010	CFRB	Toronto ON; "News Talk 10-10 CFRB" (also G 0801 29/1)	F	0932	4/2	mah
1017		Alger 1, Touggourt, Algeria; trad dance song, // 1026, 531 kHz	33433	2254	9/2	GLV
1020	KDKA	Pittsburgh PA; "News Talk 10-20 KDKA" (also Fpk 0948 4/2)	F	0720	25/2	mah
1020	CM--	R Reloj, 2 sites listed; usual SS rolling news, IDs, ticks, pips, Morse "RR", xd SS tlk	W	0857	11/2	mah
1020.1	ZP14	R Ñandutí, Asunción (presumed); SS anns/tlk, light mx	Fpks	0732	8/2	mah
1026		Alger 1, Hassi-Messaoud, Algeria; traditional dance song, // 1017, 531 kHz	22432	2254	9/2	GLV
1030	WBZ	Boston MA; ID & traffic in bad splatter	P	0702	23/2	SW
1030	WBZ	Boston MA; ID "While you're driving your car, we're driving 50,000 watts of power - news all day, every day - News Radio 10-30 WBZ Boston", another station noted underneath	F/G	0800	23/2	mah
1030	LS10	R del Plata, Buenos Aires; SS "mil treinta del Plata" IDs, jingle	F/G	0722	18/2	mah
1040	WHO	Des Moines IA; "News Radio 10-40 WHO", wx	W/F	0806	1/2	mah

kHz	Callsign	Station, location; details heard etc	SIO	UTC	Date	Who
1040	CKST	Vancouver BC; ESPN Radio, ID "The Dan Patrick Show on the Team 10-40, Vancouver's ... The Team 10-40 Sports Radio" etc; F/G at 0720; not heard with a positive ID in the UK since 1990 at Sheigra	W/F	0642	25/2	mah
1050	XEQOO	Imagen, Cancún; brief peak with SS nx (?) and "Unión Imagen" ID, over presumed WEVD	Gpk	0801	23/2	mah
1060	WBIX	Natick MA; ad for web company, virtupoint.com, and ID	F/G	0023	24/2	KB
1070	KNX	Los Angeles CA; LA traffic reports, "KNX News time 11.51" IDs noted under CBA	Fpk	0750	25/2	mah
1070	CBA	Moncton NB; CBC o/n feature	W/F	0744	4/2	BD
1070	CBA	Moncton NB; YL with news reports	W	2305	6/2	JW
1070	CBA	Moncton NB; there was actually a local ID tonight	G	2305	23/2	KB
1070	CHOK	Sarnia ON; promo "... on Information Radio 10-70 CHOK" under CBA	W	0721	25/2	mah
1070	HJCG	R Santa Fé, SF de Bogotá; SS ID/TC "En Radio Santa Fé ... minutos", anns	Wpk	0844	20/2	mah
1070	YVMA	Mundial Zulia, Maracaibo; SS IDs, dominant	W/F	0839	20/2	mah
1070	UNID	country music noted under CBA	W/F	0954	7/2	mah
1070	UNID	LA mx, unstable modulation - Cuba?	W/F	0929	11/2	mah
1080	WTIC	Hartford CT; legal ID "WTIC Hartford" and CBS News	G	0800	31/1	mah
1080	WTIC	Hartford CT; programme promo for "WTIC News talk 10-80."	W/F	0733	16/2	BD
1080	WTIC	Hartford CT; weather & ID behind Spain	P	0706	21/2	SW
1080	WTIC	Hartford CT; Newstalk 10-80 WTIC ID.	F	0035	24/2	KB
1080	UNID	North American station noted under WTIC with nx, then mx	W	1001	7/2	mah
1100	WTAM	Cleveland OH; "News Radio WTAM 11 hundred" (also W/F 0804 29/1)	W/F	0806	1/2	mah
1100	WTAM	Cleveland OH; Art Bell on C2C talk show	W/F	0735	7/2	BD
1100	CMCH	R Cadena Habana, La Habana; mx, SS anns, IDs "Radio Cadena Habana", nx	W/F	0703	14/2	mah
1110	WBT	Charlotte NC; CBS News, ads, ID "News Talk 11-10 WBT" (also W 0834 1/2)	W/F	0806	14/2	mah
1120	CMCH	R Cadena Habana, Artemisa; mix of SS anns, tlk, Cuban music heard in and out of splatter from about 0809, finally catching an SS TC and ID at 0921 "... de la Cadena Habana"; the signal had poor and unstable modulation; UK FIRST ; (also W/F 0710 14/2, W/F 0916 22/2, W/F 0901 23/2)	Fpks	0809	4/2	mah
1130	KFAN	Minneapolis MN; "AM 11-30 KFAN Minneapolis Saint Paul", under/over WBBR (also W 0843 25/2)	W	0800	16/2	mah
1130	WBBR	New York NY; business reports from Bloomberg TV London	F	0735	2/2	BD
1130	WBBR	New York NY; Bloomberg stock market report from London	vG	0645	20/2	SW
1130	ZYJ460	R Nacional, Rio de Janeiro; PP tlk, "RádioBras" ID	W/Gpk	0707	9/2	mah
1130	YVRL	R Ideal, Caracas; SS anns, ID "... de Radio Ideal 1,130 AM la emisora ..."; (also F 0738 11/2)	W	0759	18/2	mah
1140	WRVA	Richmond VA; promo/ID "... 11-40 WRVA", dominant	F/G	0758	3/2	mah
1140	CBI	Sydney NS; CBC o/n feature	W	0727	31/1	BD
1140	CBI	Sydney NS; "Good morning Cape Breton ..." and opening anns	F	0931	22/2	mah
1160	WSKW	Skowhegan NY; ads, wx, ID "AM 11-60 The Score"	W/F	0858	30/1	mah
1169		IRIB Sarasarye, Abadan, Iran; Farsi OM live sport	24444	2355	9/2	GLV
1170	WWVA	Wheeling WV; newstalk & rpts. ID "the big one, newsradio 11-70"	W/Fpks	0605	4/2	Rha

kHz	Callsign	Station, location; details heard etc	SIO	UTC	Date	Who
1180	WHAM	Rochester NY; C2C talk show	F	0749	3/2	BD
1180	WHAM	Rochester NY; toth ID; (also superb signal and ID 1003 6/2)	F	0800	3/2	KB
1180	CMBA	Radio Rebelde Villa María; info & música Cubana // 5025 kHz	W/F	0736	8/2	BD
1180	CMBA	R Rebelde, Villa María; // 5025 kHz (also F 0845 8/2)	F	0920	19/2	mah
1180	CMBA	R Rebelde, Villa María; Cuban music // 5025 kHz (over WHAM?)	Exc	0704	23/2	SW
1187.85		RTM C, Casablanca Morocco; instrumental Saharan mx, 2349 Koran, 2359 NA, s/off (Identified on 10/2 as being // 1044 kHz)	O=2-4	2320	9/2	GLV
1188		IRIB Radio Payam, Teheran, Iran; Farsi nx	23443	2331	9/2	GLV
1190	WLIB	New York NY; "You're listening to 11-90 AM WLIB WLIB"	W/F	0736	30/1	mah
1190	LR9	R América, Buenos Aires; classical mx, SS anns, "La Madrugada de América"	F/G	0739	9/2	mah
1200	WOAI	San Antonio TX; "12 hundred WOAI forecast"	W/F	0831	29/1	mah
1240	CKIM	Baie Verte NL; nx, "And now the K-rock weather update", mention of "K-rock Morning Show"; slightly off freq	Gpk	0933	1/2	mah
1240	CKIM	Baie Verte NL; "K Rock 101.3" between rock tracks, surprisingly good peak.	F	2358	21/2	KB
1250	WEAE	Pittsburgh PA; "Pittsburgh's ESPN Radio 12-50", xf	W/F	1005	4/2	mah
1250	CHSM	Steinbach MB; classical mx, // 950 kHz	F	0909	1/2	mah
1260	WMKI	Boston MA (presumed); Radio Disney promos; over Euros	F/Gpks	0937	1/2	mah
1260	CKHJ	Fredericton NB ; country mx, anns "... 95.1 and 103.5 FM this is Country KHJ"; in Disney fade	Wpk	0823	3/2	mah
1270	WTSN	Dover NH; ESPN sports talk	F	0749	4/2	BD
1270	CJCB	Sydney NS; country music format	W	0752	3/2	BD
1270	CJCB	Sydney NS; tuned in to hear "12-70 CJCB"; (also W 1003 1/2)	W/F	0739	22/2	mah
1280	WFAU	Gardiner ME; ID only as "Sports Radio 12-80 and 14-50", though I have heard it ID as Fox Sports Radio. Also	F	0246	6/2	KB
1280	WFAU	Gardiner ME; sports talk from Fox & "Sports Radio 12-80 WFAU Gardiner" ID	W/F	0657	22/2	BD
1280	WCMN	Arecibo PR; "NotiUno tomos las noticias" IDs (+ W 0921 19/2)	W/F	0928	9/2	mah
1290	WKBK	Keene NH; Art Bell on C2C, "12-90 WKBK Keene" ID, & WKBK	F/G	0657	21/2	BD
1290	CJBK	London ON; nx, ads, ID "Now News Talk 12-90 CJBK presents Coast-to-Coast AM"	W/Fpks	0905	7/2	mah
1290	CJBK	London ON; Broadcast News & "presented by News Talk 12-90 CJBK" ID	W/F	0604	21/2	BD
1290	YVLF	R Puerto Cabello; LA rhythms "Radio Puerto Cabello en primer lugar" ID	F	0655	20/2	BD
1290	UNID	SS News/info format; initially thought Cuba but with adverts? XEDA Radio Trece?; hrd to 0705; thanks to Jan-Erik Osterholm, Henrik Klemetz, and mah, who all checked the clip - Henrik picked out details from an ad and says "Pepeganga is a low cost chain of shops in Colombia and Venezuela", while Jan-Erik thinks definitely not Puerto Cabello, and says "I would guess on HJTH, the signal is too weak to be really sure".	W	0658	23/2	BD
1300	WOOD	Grand Rapids MI; daily news & rpts, ID "this is News Radio Wood 1300"	Wpks	0700	4/2	Rha
1300	WOOD	Grand Rapids MI; superb peaks; ads in Grand Rapids	G	1005	6/2	KB

kHz	Callsign	Station, location; details heard etc	SIO	UTC	Date	Who
1300	YVKH	Tu AM Center, Caracas; light SS songs, SS IDs "1,300 Tu AM Center, música para ..."; gone by 0718; last heard in the UK in 1990	W/F	0703	20/2	mah
1320	YVWP	R Apolo, Turmero; LA mx, jingle ID, spoken IDs, TCs; last reported in the UK in 1980	W/F	0720	20/2	mah
1340	WMID	Atlantic City NJ; light mx, anns/ID "... 13-40 WMID ..."	vW	0932	3/2	mah
1350	WOYK	York PA; ads, ID "ESPN 13-50 WOYK"	vvW	1026	3/2	mah
1350	LS6	R Buenos Aires; SS anns "AM 1,350 Buenos Aires, una radio por todos", xf UNID Brazilian	F/G	0728	9/2	mah
1360	WKAT	North Miami FL; "This is News Talk 13-60 WKAT"	F	0906	17/2	mah
1370	WDEA	Ellsworth ME; obituary to one of their producers, and ID; (also F 2228 22/2)	G	0007	24/2	KB
1380	WPHM	Port Huron MI; "AM 13-80 WPHM" IDs, anns, wx	W/Fpk	0946	1/2	mah
1380	CKLC	Kingston ON; still playing nostalgia	W	0755	7/2	BD
1380	CKLC	Kingston ON; "... All Time Favourites 13-80 CKLC" in the mix; (also W/F 0945 1/2)	F	0655	22/2	mah
1380	CB138	R Corporación, Santiago; SS anns, IDs (also W/Fpk 0805 8/2)	vW/F	0735	18/2	mah
1385.91		R Rurale, Labé, Guinea; VV, traditional songs + mx	24432	2324	7/2	GLF
1390	WEGP	Presque Isle ME; regular when condx favourable; good WEGP/WREM ids	F	0233	29/1	KB
1390.02	WEGP	Presque Isle ME; break in talk show for ID & spots	W	0730	31/1	BD
1390	WEGP	Presque Isle ME; talk prog, ads ID then" USA Radio News"	W	0658	11/2	JW
1390	WEGP	Presque Isle ME; WEGP Weather Forecast	F	0030	14/2	SW
1390	WEGP	Presque Isle ME; WEGP/WREM ID; (also vW 0900 2/2)	vW	1006	23/2	mah
1390	WPLM	Plymouth MA; easy listening pops & WPLM ID in the mix	W	0500	17/2	BD
1390	WPLM	Plymouth MA; legal ID "You are listening to WBNW AM... and WPLM 13-90"	F	2343	21/2	SW
1390	WFBL	Syracuse NY; "Talk radio 13-90 WFBL Syracuse" ID & CNN News	W	0800	3/2	BD
1390	WFBL	Syracuse NY; exc wx and IDs also 0817	F/G	0806	3/2	KB
1390	WVAA	Burlington VT; OM with WVAA ID later with traces of country mx	vW	0400	17/2	BD
1390	XERW	Radio Fórmula, Cadena Nacional, León; ID and clip from "profondo rosso" soundtrack by the Goblin, some QRM from HRVC	W/F	0527	1/2	GG
1390	XERW	R Fórmula, León; not heard in the UK since 1989 - mah	P	0732	15/2	KB
1390	YVZA	R.Fé y Alegría, Caracas; SS ID "transmite cantante R.Fé y Alegría de la cultura", telefono numero y cumbia música programa	233	0500	7/1	Rha
1390	YVZA	R Fé y Alegría, Caracas; SS ID " Fé y Alegría 13-90 AM", xf/equal UNID (YVZO?)	F	0744	20/2	mah
1390	YVZO	R Lumen, Maracaibo; rlgs progr "Santa María la madre" progr, Radio Católica Mundial ; ID, Radio Lumen, Ave María 0458 and Radio Lumen 0500 UTC	W/	0445	17/1	Rha
1390	YVZO	R Lumen 2000, Maracaibo (presumed); SS anns "EWTN el canal católico, celebrando el año del ...", xd another LA	Fpks	0900	15/2	mah
1390	YVZO	Radio Lumen, Maracaibo; discos romanticos, "Lumen" ID, himno nacional & religious studio talk	W/F	0358	18/2	BD
1390	UNID	SS station with classical music & serious talk.	W	0600	13/2	BD
1400	CBG	Gander NL; CBC o/n feature // 1140 kHz	W/F	0731	31/1	BD

kHz	Callsign	Station, location; details heard etc	SIO	UTC	Date	Who
1400	CBG	Gander NL; OM with news reports and mention of Gander	F	2311	9/2	JW
1400	UNID	SS tlk xf CBG	Fpks	0744	11/2	mah
1410	WPOP	Hartford CT; "ESPN Radio 14-10"	W/F	0946	3/2	mah
1410	CFUN	Vancouver BC ; C2C at 0657, BN at 0700, but any IDs lost in the noise; C-fun promos/IDs at 0704 "At C-fun we invented Vancouver's destination travel ..." etc, back to C2C at 0706 with "Coast to Coast on C-fun is brought to you by ..."	W/Fpks	0657	25/2	mah
1420	CKDY	Digby NS; uptempo country mx	W	0755	31/1	BD
1420	YVNZ	R Marabina, Maracaibo; bright LA rhythms & "Marabina" ID	W/F	0703	16/2	BD
1420	YVNZ	R Marabina, Maracaibo; LA mx, SS ID "Desde Venezuela, ... transmite Marabina 14-20"; (W/Fpks 0907 4/2, W/F 0859 11/2)	F	0910	22/2	mah
1430	WENE	Endicott NY; sports trivia quiz	W/F	0757	2/2	BD
1430	WENE	Endicott NY; ID as "14-30, The Team" (also F 1006 6/2)	F	0006	24/2	KB
1430	CHKT	Toronto ON; Indian film music	W	0744	28/1	BD
1430	CHKT	Toronto ON; Asian tlk, mx, Canadian ads with some EE; xf Fox; (also W 0848 31/1)	W/F	0918	16/2	mah
1430	WNEL	Caguas PR; "NotiUno" promo heard on weak peak	Wpk	0755	20/2	mah
1429.92	YVTM	R Satélite, Guacara (presumed); LA mx, IDs, sounded like "Cadensay (?) 14-30", followed by TC "3 y 45 minutos"; can anyone clarify what the mystery word is?	F/G	0745	20/2	mah
1431		R Sawa, Arta, Djibouti;	344	1820	30/1	VL
1431		R Sawa, Djibouti; music ID & announcements	G	2355	12/2	SW
1440	WJAE	Westbrook ME; tuned in to "14-40 and FM 95-5 The Big Jab", Sporting News Radio, dom over Luxie DRM	Gpk	0906	7/2	mah
1440	WHKW	Warren OH; promo for rlgx px, IDs as "Christian Talk AM 12-20", xd	F	0729	22/2	mah
1450	WKXW	Atlantic City NJ; legal ID	F/P	0000	24/2	KB
1460	WDDY	Albany NY (presumed); Radio Disney promos	F/G	1022	7/2	mah
1460	WDDY	Albany NY; Radio Disney promos and prog	P	0141	24/2	KB
1460	CJOY	Guelph ON; quite a good ID considering the time	F	0947	5/2	KB
1460	UNID	Spanish OM tx "Capitulos 1 y 2"	O=2	0050	12/2	GLV
1467		IRIB Isfahan, Iran; Farsi OM announcements, mx, YL tx	242	2355	5/2	GLV
1470	WLVU	Dunedin FL; sports talk & "ESPN AM 1470" ID	W	0400	4/2	BD
1470	WWWN	Pompano Beach FL; biz talk radio; national travel programme	G	0040	31/1	SW
1470	WWNN	Pompano Beach FL; tlk, ads, "On AM 14-70 WNN it's the Steve King Show"; still there, vW at 0956	W/F	0918	17/2	mah
1470	WMBD	Peoria IL; "This is Coast to Coast AM on Peoria's news and talk station 14-70 WMBD"; xf WLAM and others	Fpk	0806	22/2	mah
1470	WLAM	Lewiston ME; Oldies, "14-70 WLAM Lewiston Auburn" ID & ABC NX	W/F	0558	29/1	BD
1470	WLAM	Lewiston ME; ID "14-70 WLAM", music	344	0720	31/1	VL
1470	WLAM	Lewiston ME ; music from Elvis	W/Fpks	0548	3/2	Rha
1470	WLAM	Lewiston ME; reg good signals from Maine's Memory Station	G	0020	6/2	KB
1470	WLAM	Lewiston ME; oldies music, ID "WLAM"	F	0525	16/2	JVN
1470	WLAM	Lewiston ME; ABC news then "Maine's Memory station 14-70 WLAM"	F	0604	22/2	SW
1470	WBKV	West Bend WI; CNN News, IDs/promos "If it's local sports you're looking for, keep your dial tuned to AM 14-70 WBKV. BKV Sports ..." and "AM 14-70 Classic Country BKV"	W/Fpks	0906	29/1	mah

kHz	Callsign	Station, location; details heard etc	SIO	UTC	Date	Who
1470	CJVB	Vancouver BC; Indian film music, EE commercials & "This is multicultural radio ... 14-70 CJVB" ID; over WLAM	W/F	0558	25/2	BD
1470	CJVB	Vancouver BC (presumed); CC tlk	Wpks	0651	25/2	mah
1470	XEAI	Radio Fórmula, México DF; OM/YL studio talk & Radio Fórmula/XEAI IDs	W	0601	29/1	BD
1470	XEAI	R Fórmula, México DF; "Radio Fórmula 14-70 Fórmula de la Noche ..."	W/F	0806	4/2	mah
1470	XEAI	R Fórmula, México DF; SS, romantica cantados and the station ID at 0600 "XEAI R Fórmula 14-70 AM" station address & programme info - phone no. 52792207	W	0555	10/2	Rha
1470	XEAI	México DF; "Radio Fórmula" and "XEAI 14-70" ID	G	0700	15/2	SW
1470	WCKC	R Cumbre, Orocovis ; SS anns, several mentions of Puerto Rico, "La radio es - La Grand Embedora" and "Radio Cumbre en el centro ..."; xf WLAM; UK FIRST	W/F	0923	9/2	mah
1470	OAU4B	CPN Radio, Lima; OM/YL with info/NX & "CPN Radio" ID	W/F	0402	22/2	BD
1470	OAU4B	Lima, Peru; many IDs as CPN Radio; good 0525-0540UTC	Gpk	0532	22/2	SW
1470	CX147	R Cristal del Uruguay, Las Piedras; "Radio Cristal" news & ID; F (also G 0404 18/2)	F	0704	14/2	SW
1470	CX147	R Cristal del Uruguay, Las Piedras; SS IDs, jingle, xf YVSY; (also W/F 0831 9/2)	W/F	0759	19/2	mah
1470	YVSY	R Vibración, Carúpano; nx & info with "Vibración" ID	W	0558	28/1	BD
1470	YVSY	R Vibración, Carúpano; LA mx, SS ID/TC "En Vibración cuatro y veinte y siete minutos"	W/F	0827	8/2	mah
1470	YVSY	R Vibración, Carúpano; SS songs/mx, TC "son las 9 e ..." at 0111	O=2-3	0106	10/2	GLV
1470	YVSY	R Vibración, Carúpano; "Unión Radio Noticias"	W/G	0811	19/2	mah
1470	YVSY	R Vibración, Carúpano; LA rhythms & "Vibración" IDs & TCs	W	0557	20/2	BD
1470	UNID	ads, "Sports Radio 14-70 The ...", ESPN Radio	Fpks	0727	22/2	mah
1476		ERTU Holy Quran Radio, El Minya or Sohag, Egypt; Arab OM 14433 tx, 2345 full ID.		2337	5/2	GLV
1476		Emirates R Dubai, UAE; ID	G	1640	5/2	SW
1480	WSAR	Fall River MA; legal ID "This is AM 14-80 WSAR Fall River" (also W/F 0906 3/2)	vW	1100	7/2	mah
1480	WSAR	Fall River MA; wx and ID, 1 st real log and ID this season.	F	0003	24/2	KB
1490	WMBM	Miami Beach FL ; light mx, promos/IDs; legal ID at 0902 "Gospel AM 14-90 WMBM Miami Beach, Miami, North Miami and the world, a ??? broadcasting station"	W/Fpks	0859	17/2	mah
1500	WTOP	Washington DC; still with rolling nx	W	0747	28/1	BD
1500	WTOP	Washington DC; news talk & weather report	W/F	0515	4/2	Rha
1500.01	XEDF	Radio Fórmula, México DF; SS talk show	F	0740	2/2	BD
1510	WWZN	Boston MA; "15-10 The Zone" local programme & sponsors	F	2338	30/1	SW
1510	WWZN	Boston MA; sports talk then phone in	W	2315	8/2	JW
1510	WWZN	Boston MA; still with sports talk	G	0710	16/2	BD
1510	WWZN	Boston MA; ID "Sport news radio - the zone"	445	0452	17/2	VL
1510	YV--	R Informativa, Güigüe; SS, cultura informativos y discurso-hombre px; dominant over WWZN this morning	W	0447	5/2	Rha
1520	WWKB	Buffalo NY; talk show, ad break 0930-0933 with ID, more talk; still W at 1010 and one of the last to go	W/F	0930	30/1	mah
1520	WWKB	Buffalo NY; talk show	W	0732	31/1	BD

kHz	Callsign	Station, location; details heard etc	SIO	UTC	Date	Who
1520	WWKB	Buffalo NY; "KB 15-20" promo for Saturday Night All Request Party"	Fpk	0705	3/2	SW
1520	WWKB	Buffalo N; full 50 thousand watt, Buffalo ID, as KB Radio	vG	0910	6/2	KB
1520	UNID	LA mx, occasional SS anns, echoey ID sounded like "Radio Luz" at 0833; tnx to Henrik Klemetz wholistened to the clip and believes it is Estación Latina	W/F	0803	18/2	mah
1521		BSKSA, Duba, Saudi Arabia; ID in Arabic, strong signal // SW	555	1700	8/2	VL
1521		CRI Urumqui, China; CRI in Russian	F	1717	6/2	SW
1530		Thunder 15-30. Iceland; Navy ads and ID	G	0818	3/2	KB
1530		VOA Pinheira, São Tomé; ID "VOA News"	344	2100	5/2	VL
1540	KXEL	Waterloo IA; ID "Good Morning from ... on News Talk 15-40 KXEL"	Wpk	0926	31/1	mah
1540	CHIN	Toronto ON; EE anns, ID "The multicultural Voice of Toronto, Chin Radio AM 15-40 ... 91.9 FM", xd	W/F	0917	30/1	mah
1540	CHIN	Toronto ON; II info programme	F	0746	1/2	BD
1540	CHIN	Tornonto ON (pres); relay of China Radio International	F	2312	4/2	KB
1540	CHIN	Toronto ON; with Italian & ID as "RAI" at 0700	Exc	0658	23/2	SW
1540	ZNS1	Nassau; EZL mx, TC and ID "3 minutes now before the hour of 4 o'clock on the ZNS Radio Network"; (also W/F 0924 31/1)	W/F	0857	14/2	mah
1540	UNID	SS tlk - Cuba? xd several others	Fpks	0909	23/2	mah
1548		Radio Sawa, Kuwait; YL Arab tx, Arabo-pop, jingle ID	34433	2323	11/2	GLV
1550		RASD NOT heard recently but Moroccan jammer still audible; 7460 kHz still on air; last noted in log book 6/2/05		2300	19/2	SW
1550	CBE	Windsor ON; CBC talk progr / interviews & rpts	W	0555	4/2	Rha
1550	CBE	Windsor ON; CBC // 1070 & 1140; a rare catch	Fpk	0701	21/2	SW
1557		WYFR Kouhou, Taiwan (presumed); Chinese tk	P	2145	11/2	KB
1560	WQEW	New York NY; Radio Disney pop music charts	W/Fpks	0715	5/2	Rha
1566		AIR Nagpur, India; still local Indian drum/violin music at 1645; later at 1700 the English ID "This is the channel of All India Radio Delhi"	W/Fpks	1645	5/2	Rha
1566		AIR Nagpur (Buttibori); EE YL nx, elections, 2235 OM ID, tx, romantic songs	23332	2232	12/2	GLF
1566	HLAZ	R Cheju; religious choral mx & Asian music	W	1744	7/1	Rha
1570	CFAV	Laval QC; slow French talk format male/female and CFAV ID	W/Fpks	0603	30/12	Rha
1570	CFAV	Laval QC; EE & FF nostalgia songs	W	0745	31/1	BD
1570	CFAV	Laval QC; nostalgia music from the 60s, funny "Stand by your man" in French, IDs on the half of the hour	F/G	0130	2/2	GG
1570	XERF	Ciudad Acuña; SS tele-talk show	W	0756	1/2	BD
1590	WAKR	Akron OH; WAKR nx & wx	W	0705	4/2	BD
1590	WARV	Warwick RI; Choral mx & "15-90 AM WARV Warwick Providence" ID	F	0658	7/2	BD
1590	WARV	Warwick RI; "WARV weather forecast"	F	0030	9/2	SW
1590	CMBQ	R Progreso, Manzanillo; SS tlk, several IDs as "Radio Internacional", but promo for 'A Esta Hora' at 0930, so this must be the one; the last to go around 0940	W	0930	19/2	mah
1590	XEVOZ	Radio Reloj, México DF; info-commercials, promos & cuckoo noise every minute	F	0744	2/2	BD
1590	XEVOZ	R Reloj, México DF; "Radio Reloj" IDs	F	0718	15/2	SW
1590	XEVOZ	R Reloj, México DF; Radio Reloj ID	P	0730	15/2	KB
1593		VOA Kuwait; English programming audible most nights;	G	2325	6/2	SW

kHz	Callsign	Station, location; details heard etc	SIO	UTC	Date	Who
1593		VOA Kuwait; OM "Here is the news from the Voice of America"	F	2300	9/2	JW
1593		VOA, Kabd, Kuwait; English news + ID "VOA"	344	2341	10/2	VL
1593		VOA Kuwait; EE language course "Notice the use of the key word"	22432	2326	11/2	GLV
1600	WKWF	Key West FL; "WKWF Sports Radio 16 hundred", SNR	W/F	0906	14/2	mah
1600	WAAM	Ann Arbor MI (pres); "Talk Radio 16-hundred" ID under Spanish music	W	0659	21/2	SW
1600	WWRL	New York NY ; ad, "... for the whole capital of the world it's New York City ... WWRL (?) New York", jingle, "let's check out the day shall we, check out the day, it's Thursday the ..."; will seek a second opinion on this one; in presumed WUNR fade	Wpk	1006	3/2	mah
1600	UNID	Discos romanticos; back to back music with English under; maybe WUNR	vG	0651	21/2	SW
1620	WTAW	College Station TX; C2C talk show // 1700 kHz	F	0752	1/2	BD
1620	WTAW	College Station TX; excellent TOTH ID	G	0100	24/2	KB
1620	WDHP	Frederiksted, USVI; full station ID	G	0200	3/2	KB
1620	WDHP	Frederiksted, USVI; weak slow Caribbean music	W	0552	3/2	Rha
1620	WDHP	Frederiksted, USVI; YL with ID "You are listening to WDHP 1620 AM in the United States Virgin Isles"	F	0659	5/2	JW
1620	WDHP	Frederiksted, USVI; light mx, brief non-ID by usual announcer at 0902, sounded like "The tower of sin (blow em up?) 16-20 AM ...", then rlg songs	F/G	0850	8/2	mah
1620	WDHP	Frederiksted, USVI; BBC World Service news // 648 kHz	G	0004	9/2	SW
1620	WDHP	Frederiksted, USVI; ID and mx	355	0535	15/2	VL
1620	UNID	Portuguese; loud & excited announcer	Gpk	0003	31/1	SW
1630	WRDW	Augusta GA; adverts; ABC news; partial legal ID	Fpk	0000	31/1	SW
1630	KCJJ	Iowa IA; weak rock pop music	W	0451	7/2	Rha
1630	KCJJ	Iowa City IA; promos/IDs (also W/F 0751 4/2)	W	0823	22/2	mah
1630	KKGM	Fort Worth TX; southern Gospel songs & "This is AM 16-30 KKGM Fort Worth Dallas a Mortenson broadcasting station"	W/F	0800	1/2	BD
1630	KKGM	Fort Worth TX; mx, ID "AM 16-30 KKGM"; under presumed WRDW	W	0816	1/2	mah
1640	WTNI	Biloxi MS; ID "16-40 WTNI", news & talk	233	0730	30/1	VL
1640	WTNI	Biloxi MS; C2C talk show, "16-40 WTNI Biloxi Gulfport" ID & ABC News	W	0557	17/2	BD
1640	WKSH	Sussex WI (pres); Radio Disney IDs	F	0138	24/2	KB
1640	HI--	R Juventus Don Bosco, Santo Domingo; good solid signal during non stop music, but faded a bit by ID at 0156	F	0120	29/1	KB
1640	HI--	R Juventus Don Bosco, Santo Domingo; light rlg songs back to back, finally ID in SS at 0720 "Radio Juventus Don Bosco"	W/F	0651	8/2	mah
1640	HI--	R Juventus Don Bosco Santo Domingo; light Christian songs & "Radio Juventus Don Bosco en la frecuencia 16-40 kHz." ID	G	0601	15/2	BD
1650	KCNZ	Cedar Falls IA; wx report, mixing with Radio Disney; (also good ID 0151 6/2)	P	0146	3/2	KB
1650	WHKT	Portsmouth VA; "AM 16-50 Radio Disney Norfolk"	F/G	0820	31/1	mah
1650	WHKT	Portsmouth VA; Radio Disney pops	W	0745	2/2	BD
1660	WCNZ	Marco Island FL; no sign of any others; dominant, and strong. "News Radio 16-60"	G	0746	15/2	KB

kHz	Callsign	Station, location; details heard etc	SIO	UTC	Date	Who
1660	WWRU	Jersey City NJ (pres); Korean phone-in show	Fpks	0015	31/1	SW
1660	WWRU	Jersey City NJ; usual KK talk	W/F	0733	31/1	BD
1660	WWRU	Jersey City NJ; OM with ID "WWRU Jersey City, New York 16-60 AM WWRU"; then back to Korean prog	F	0559	7/2	JW
1660	WWRU	Jersey City NJ; Korean prog with English ID "WWRU"	233	0700	9/2	VL
1670		Morocco; two minutes after hearing WMWR I heard only the new Moroccan station with conversations in Arabic; later Arabic music & songs	F/G	0456	7/2	Rha
1670	WMWR	Dry Branch GA (pres); Fox sports; Superbowl	Clear	0006	31/1	SW
1670	WMWR	Dry Branch GA; Fox Sport news	W	0454	7/2	Rha
1670	WMWR	Dry Branch GA; ID "Talk Radio 16-70 WMWR"	233	0553	17/2	VL
1680	WDSS	Ada MI; Radio Disney pops	F	0655	29/1	BD
1680	WDSS	Ada MI; Radio Disney pop music with announce and Identifikation "AM 16-80 WDSS Ada, Grand Rapids"	W/F	0524	1/2	Rha
1680	WDSS	Ada MI (presumed); Radio Disney, xf WTTM (+ W/F 0757 4/2)	W/F	1018	7/2	mah
1680	WTTM	Princeton NJ; Indian film mx & "WTTM Princeton New Jersey" ID	W	0654	28/1	BD
1680	WTTM	Princeton NJ; OM ID "WTTM Princeton New Jersey" station promo then another "WTTM" ID	F	0700	10/2	JW
1680	WTTM	Princeton NJ (pres); Indian songs	G	0643	20/2	SW
1680	WTTM	Princeton NJ; px ads about immigrants and introduction to USA! Almost able to use AM Stereo mode on this one for a little while	vG	0101	24/2	KB
1680	UNID	Digital utility signal briefly back after period of absence	G	0800	2/2	SW
1690	WRLI	Berwyn IL; oldies, anns, IDs "Real Oldies 16-90" (also W/Fpks 0843 29/1)	F	0713	22/2	mah
1690	WPTX	Lexington Park MD; CNN rolling news & talk	W	0455	4/2	Rha
1690	WPTX	Lexington Park MD; OM YL with CNN rolling news	F	0741	8/2	BD
1690	UNID	light SS songs and mx, best on 315 degree bev; gone by 0825 - KFSG?; xd Radio Disney	F	0811	25/2	mah
1700	WJCC	Miami Springs FL; SS, talk programme px	Wpks	0500	4/2	Rha
1700	WJCC	Miami Springs Fl; FF talk on President Bush then phone-in	G	0058	9/2	JW
1700	WJCC	Miami Springs FL; FF Caribbean mx show & "AM 1700 WJCC Miami Springs, Miami, Fort Lauderdale, Palm Beach and the Bahamas" ID	F	0559	16/2	BD
1700	KVNS	Brownsville TX; ID "KVNS"	333	0659	29/1	VL
1700	KVNS	Brownsville TX; "The Valley's place to talk"	F	0728	29/1	KB
1700	KVNS	Brownsville TX; C2C talk show	F/G	0753	1/2	BD
1700	KVNS	Brownsville TX; slogan "The Valleys place to talk"	F	0635	7/2	JVN
1700	KVNS	Brownsville TX; ID; slogans & Coast 2 Coast AM show (heard in good Mexican opening)	F	0730	15/2	SW
1700	UNID	OM with EE talk mixing with WJCC (KVNS?)	W	0058	9/2	JW
1710	UNID	Poss US shouting type religious, but too weak to confirm it was vP EE. Maybe just a Balkland outfit?? Did sound US though		0135	3/2	KB

Many thanks to the following reporters:

BD Barry Davies, Carlisle, Cumbria. AOR AR 7030 , 100m longwire.

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GLV Günter Lorenz, Volastra (La Spezia), Italy, Icom R75, Grahn GS3 ML2.
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 JW John Williams, Hemel Hempstead. AOR 7030 and 40m long wire.
 JWe Jack Weber, Hertfordshire. WiNRADiO G313i and Wellbrook ALA1530 loop.
 KB NRD 545, 515, HF225 Europa. 500m beverage NW, 200m beverage W.
 mah Martin Hall, Clashmore, Sutherland. NRD-545, beverages: 513m at 240°, unterminated; 506m at 290°, terminated; 588m at 315°, terminated.
 Rha Ronald Hagensen, Ottersberg, Germany. AOR 7030plus, 22meter & 28meter longwire in direction 315° and 280°.
 SW Steve Whitt, High Catton near York. AOR7030+ and HF225 Europa with dual loop K9AY.
 VL Vincent Lecler, Poitiers, France. TS850 and LW60M + EWE SW/NE.

Steve notes: " CBC heard on 640, 750, 1070, 1140 & 1400 on frequent occasions VOXM heard on 590, 620, 650, 740 on frequent occasions". **Ken** writes "The days 21st and 22nd Feb had such super strength on Canadian LF band, all the VOXM and CBC stations coming thru, as well as some other NF stns".

John Faulkner has now identified the cause of his interference problem (pick-up on the coax of the antenna feeds), and although he didn't submit a log this month, he wrote of reception on the evening of 24 Feb using an AOR AR7030 & ALA1530 (six feet above ground on the washing line post!): "Lots of signals audible around midnight. 1510 WWZN already at good levels at 2330 when I started listening. Sports dominating 1250 - I hung around for an ID on the half hour and hour but too many fades. Usual x band regulars present but not great. Audio heard on lots of interesting channels including 1270, 1280 sports, good sigs, 1290, 1300, 1310, 1320, 1360, 1370, 1380, 1390, 1410 1420, 1430 sports, 1450, 1460, 1470 oldies, 1500, 1520, 1540. Mostly weak or very weak. Big guns like 1130 WBBR were at good levels". I hope you're now able to get back into MW DX before the season ends and have lots of interesting catches for us to read about - mah.

Propagation conditions as noted in Clashmore have been interesting in the past month. The last few days of January and early February brought some good reception from the US and Canada, with stations heard as far west as Manitoba. High K indices then hit reception from 8 Feb, and the focus of attention shifted to South America and the Caribbean for the next two weeks, with 20 Feb being particularly good for Venezuela. The band was open to Alberta on 22 Feb, but for the next few days Cubans dominated the band, followed by the first good west coast US/Canada opening in quite a while on 25 Feb.

The **deadline** for the April DX Loggings is **Tuesday 22nd March** and 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 use the pro-forma, please keep the format as close as possible to that used above, since it saves me from having to re-type your contributions. Those without access to a PC and the internet should note that I am still willing to accept contributions via the regular postal service, or by fax to the telephone number at the head of the column (but please phone before faxing). Please note that logs posted to the e-List are not automatically included in DX Loggings.

73's Martin



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Fjerritslev DXpedition Report

February 5-12, 2005

by Cornel van Ravenswaaij, Guido Schotmans and Max van Arnhem

Two years after our first visit to the famous beverage farm of Wilhelm Herbst in Northern Jutland, we, Cornel van Ravenswaaij, Max van Arnhem and Guido Schotmans, decided to return because conditions are moving slowly to a solar minimum now. Just a few days after we confirmed our stay, a major solar storm took place that will go into history as one of the most intensive ever seen. During the weeks and months that followed, the sun was never quiet, resulting in awful conditions on the medium wave band. Nevertheless, we were in luck: a week or two before we moved north the sun became quieter.

Similar to our first DXpedition we left very early in the morning hours and arrived around 13.45 hours in Fjerritslev in Northern Denmark. The journey from Belgium and The Netherlands to the Northern part of Denmark was easy because the weather was fine. This made it possible to use the twilight DX-conditions immediately. After all, it's "plug-and-play" at Wilhelm's beverage farm. Just unpack your receiver and recording equipment, hook it up to one of the 21 beverage antennas and enjoy the DX!

For those unfamiliar with the beverage farm, we can say it is very enjoyable to have a warm place and a switchblock connected to 21 beverage antennas. The beverage antennas are pointing to all directions and vary between 80 and 300 meters. Also, very important, are the separate sleeping rooms for every participant. This means that every one of us could listen or sleep, day or night, without disturbing the others. And sleep is important during a one-week listening period. Our listening equipment consisted of the following receivers AOR AR-7030, AR-7030 plus and a JRC NDR-545. Our main interests were mediumwave and the tropical bands. Cornel also is an avid Non-Directional-Beacon chaser, so he enjoyed the lower frequencies.

On mediumwave we experienced somewhat better conditions than in 2003. In the afternoons we heard quite a lot of Iranian stations. Radio Sighet 1404 from Romania was extremely strong. In 2003 we found Radio Asia from the UAE on 1575 kHz, now we discovered this station on 1557 khz. New Radio Farda from the UAE on 1575 kHz was strong. We were a bit astonished that we did only hear once WYFR Family Radio Taiwan on 1557 kHz. In 2003 this station was heard almost daily. Radio Juventus Don Bosco 1640 kHz from the Dominican Republic was heard the first morning of the week. The reception of X-band stations was a bit disappointing. Best reception of North Americans was on the morning of the 7th of February. Stations from the east coast were heard until 09.45 hours UTC!

On the tropical bands we heard familiar and new stations. Marfil Estéreo 5910,48 from Colombia was booming in on the morning of the 6th of February, a real pleasure to listen to some Ilanera music and many identifications. Of course we tried to listen to Indonesia and we were successful to hear the RRI stations Pontianak, Kendari, Palu and Jambi. We didn't hear other Indonesians. Radio Apintie 4990 from Suriname was an almost daily guest in morning. Also we did some early night listening sessions and heard several nice signals from Peru and Bolivia.

We all brought our laptops and used them during all listening periods. Important to mention is that we hardly experienced any interference from this equipment. We were very satisfied with the computer program RxWings developed by Dutchman Jan Arkesteijn. This program works excellent together with AOR and several NRD receivers. It has many features that are useful while DXing intensively. When you read this, Jan has just issued an update of this excellent piece of software. For more information and free of charge download go to <http://home.wxs.nl/~jarkest/>

We used both cassette and minidisc recorders as we did two years ago, but now we used the fine virtual recorder RecAllPro most of the time. Earlier, Guido wrote an article about this way of recording. His thoughts can be found on <http://dxing.info/articles/recall.dx>

Overall, it was once again an interesting experience that resulted in a lot of recorded material. So, we have still some work to do, sorting out our recordings and writing reception reports.

Back home we continued chasing the MW and we were surprised by some continuing good conditions. That makes the pile of reports to write even higher, but of course, that's the way we want things to be!

Fjerritslev (DNK) Logbook 5-12 February 2005

Date	UTC	Freq	ITU	Station	Details	lang	SINPO
6-Feb	1039	540.00	HNG	Kossuth R, Solt	conversations	Hu	34333
7-Feb	0910	560.00	USA	WGAN South Portland,ME	light mx, ID	E	23432
6-Feb	1743	585.00	INR	R Quran, Theran	Koran prayers		33443
6-Feb	0515	590.00	CAN	VOCM St John's,NL	song		33433
6-Feb	2228	590.00	CAN	VOCM St John's,NL	ID & slogan "leading in Newfoundland"	E	23222
7-Feb	0907	590.00	CAN	VOCM St John's,NL	"VOCM news brought to you by Labrador Air"	E	34433
10-Feb	0705	590.00	CAN	VOCM St John's,NL	songs	E	33433
7-Feb	0919	600.00	CAN	Unid	French Songs	F	22222
6-Feb	2005	612.00	LTU	R Svoboda via R Baltic Waves	ID	Rus	33333
7-Feb	0935	620.00	CAN	CKCM, Grand Falls, NL	talk	E	22222
7-Feb	0917	640.00	CAN	CBN St John's,NL	"CBC Radio news"	E	24432
8-Feb	1700	648.00	SVN	R Murski Val	Talk. Almost no trace of BBC	SI	44444
7-Feb	0937	660.00	USA	WFAN New York, NY	ID, talk	E	23432
7-Feb	0921	710.00	USA	WOR New York, NY	female, ID	E	23432
11-Feb	0315	740.00	B	R Sociedad da Bahia	talk	P	22332
11-Feb	0438	740.00	B	R Sociedad da Bahia	talk	P	22222
7-Feb	0926	750.00	CAN	CBGY Bonavista Bay, NL	ID of CBC Network	E	23432
6-Feb	2302	780.00	CAN	CFDR Halifax, NS	ID, C&W mx	E	33443
10-Feb	1640	783.00	SYR	R Damascus, Tartus	Hebrew talk, Shaloms	He	33333
11-Feb	0324	820.00	SCN	T.B.N Charlestown Nevis	Religious talk. ID as Trinity Broadcasting	E	23332
10-Feb	1700	846.00	RUS	R Radonesh, Noginsk	ID, Rel talks	R	44444
7-Feb	0902	850.00	USA	WEEI, Boston, MA	sports, ID	E	24433
11-Feb	0534	890.00	CUB	R Progreso, Chambras	talk	S	23222
6-Feb	2020	900.00	ARS	BSKSA Quarayyat	talk // 1521	Ar	23332
7-Feb	1618	900.00	ARS	BSKSA Quarayyat	talk // 1521 (1 sec behind 1521)	Ar	33333
6-Feb	2022	900.00	IRN	IRIB Tehran	px //1503	Fa	32332
6-Feb	0705	920.00	CAN	CJCH, Halifax, NS	ID, Mr Sandman, Ads	E	32332
6-Feb	1004	927.00	SVK	R Slovensko	local pops	SI	24222
6-Feb	2242	930.00	CAN	CJYQ, St John's,NL	ID "You are listening to R Newfoundland", Oldies	E	33443
11-Feb	0320	980.00	B	R Nacional, Brasilia	talk	P	22222
7-Feb	1630	1026.00	BLR	BLR Kanal Kultura	talks	Bel	33333
7-Feb	1625	1026.00	IRN	IRIB1 Tabriz	talk, mx 1630 farsi px	Ar	23332
7-Feb	1638	1035.00	SVK	SR Banska Bystrica	news	ierbocr	34443
7-Feb	0715	1070.00	CAN	CBA Moncton, NB	px on the Ghana football Association	E	22332
7-Feb	0656	1070.00	CAN	CBA Moncton, NB	CBC Nx and weather	E	22332
6-Feb	1633	1071.00	IRN	IRIB Qom	fem , QRM Arabic talks, probably from Syria	Fa	33433
6-Feb	2025	1080.00	IRN	IRIB1 Abadan	talks	Ar	34443
6-Feb	1645	1080.00	IRN	IRIB1 Abadan	talks	Ar	33433

8-Feb	0620	1080.00	E	SER La Coruna	"hoy por hoy"		23332
6-Feb	1012	1107.00	G	ILR Moray Firth R	adv, ID : "MFR"	E	44444
11-Feb	0427	1130.00	B	R Nacional, Rio	talk	P	22332
7-Feb	0705	1130.00	USA	WBBR New York	Bloomberg ID, news , still audible at 0847	E	24442
6-Feb	2023	1169.00	IRN	IRIB Semnan	talks // 900 // 1503	Fa	33433
6-Feb	1628	1169.00	IRN	IRIB Semnan	talks, ID at 1630	Fa	33433
8-Feb	1426	1170.00	SLV	R Capodistria, Beli Kriz	ID, local pop songs	SI	3444
6-Feb	2047	1188.00	IRN	IRIB R Payam	talk abt Chirac	Fa	43443
6-Feb	1000	1260.00	G	BBC Radio York	ID, news	E	34443
6-Feb	1654	1287.00	ISR	Galei Zahal, Tel Aviv	px // 6973	Heb	33333
6-Feb	2028	1332.00	IRN	R. Tehran, Tehran	ID at 2040	Fa	43443
8-Feb	1605	1332.00	IRN	R. Theran, Theran	talk	Fa	25343
8-Feb	0706	1368.00	G	BBC R Lincolnshire	fem ID, wx	E	42332
8-Feb	0717	1368.00	G	Manx R, Douglas	ID, Ads, Brian Adams	E	44554
7-Feb	0736	1370.00	USA	WDEA Ellsworth, MA	adv, ID	E	24442
8-Feb	0722	1386.00	G	Anker Radio, Nuneaton	ID, pops, under Carillon R	E	22222
10-Feb	0200	1386.00	IRN	IRIB, Ahwaz	Start of Koran prayers	Fa	32332
8-Feb	1635	1395.00	ARM	Armenian Radio, Yerevan	talks	Arm	24432
9-Feb	1625	1404.00	ROU	R Sighet, Sighet	Local px & ID, Ads, nx	Ro	34444
8-Feb	1726	1404.00	ROM	Radio Sighet	wx, ID, names of presenters	Rom	43433
8-Feb	1634	1413.00	OMA	BBC Oman	talks	Fa	34433
6-Feb	1659	1430.00	IRN	IRIB, Esfahan	talks, ID	Fa	33333
6-Feb	2014	1431.00	DJI	R Sawa, Djibouti	fem ID, song	Ar	33433
10-Feb	2050	1431.00	DJI	R Sawa, Djibouti	Popular Ar mx & Sam Brown	Ar	44444
6-Feb	1711	1449.00	IRN	IRIB Bandar-e-Torkaman	talks abt Yerevan	Turkm	44433
6-Feb	1723	1458.00	ALB	CRI via Albania ?	Russian ID	R	45555
6-Feb	1725	1467.00	MDA	CRI via Grigoriopol	Russian ID, web address	R	45555
11-Feb	0558	1470.00	MEX	R Formula, México	ID, Ads	S	24332
11-Feb	0400	1470.00	VEN	R Vibracion, Carupano	National Anthem	S	23222
7-Feb	0812	1470.00	USA	WLAM Lewiston, ME	light mx	E	25422
6-Feb	1510	1476.00	UAE	UAE Radio, Dubai	female talk // 13675	Ar	34433
8-Feb	1602	1494.00	IRN	IRIB Bandar-e-Torkaman	male news	Turkm	43443
7-Feb	1507	1494.00	MDA	Radio Moldova 1	male ann	Mold	25442
7-Feb	0745	1500.00	USA	WTOP Washington DC	news	E	24432
6-Feb	1427	1502.93	BIH	RTV Bosne i Hercegovine (tent)	talk, Elton John		34444
6-Feb	1503	1503.00	IRN	IRIB 1, Busher	px // 900 // 1169	Fa	22332
10-Feb	1605	1503.00	IRN	IRIB 1, Busher	anncmts, local mx	Fa	22332
9-Feb	1714	1503.00	EGY	North Sinai R, El Arish	Talks abt El Arish, Gaza and Sinaai	Ar	43443
6-Feb	0520	1510.00	USA	WWZN Boston, MA	Superball Sports Boston	E	33333
7-Feb	0837	1510.00	USA	WWZN Boston, MA	rlg talks	E	23332
10-Feb	0220	1510.00	USA	WWZN Boston, MA	Sports	E	32332
7-Feb	0744	1520.00	USA	WWKB Buffalo, NY	female talks	E	24432
6-Feb	1349	1521.00	CHN	CRI Urumqi	talks, web address & info	Rus	34333
7-Feb	0800	1530.00	ISL	Thunder 1530 (presumed)	female news	E	33333
7-Feb	0807	1530.00	G	Classic Gold 954/1530	ID, mx	E	34433
10-Feb	0757	1530.00	G	Classic Hits	Id, adv	E	33322
10-Feb	0730	1530.00	G	Premier Christian R	Id, news	E	33433
10-Feb	0750	1530.00	G	Pure Classic Gold	Id, talks, mx	E	33322
6-Feb	1708	1548.00	MDA	R Moscow, via Grigoriopol	ID		43333
6-Feb	1705	1548.00	KWT	Radio Sawa, Kuwait	songs	Ar	33422
6-Feb	1956	1557.00	LTU	CRI via R Baltic Waves	ID	Rus	33333
6-Feb	1600	1557.00	UAE	R Asia AM 1557, Ras Al Kaimah	Clear ID, news	MI	34443
11-Feb	1445	1557.00	HRV	R Osijek	ID, male and female talks	Serboc	33433
6-Feb	1515	1557.00	TWN	WYFR, Couhu	"The word of God"	E	32222
7-Feb	0755	1560.00	USA	WQEW New York, NY	ID, "Radio Disney" still at 0836	E	23332
5-Feb	1544	1566.00	IND	AIR, Nagpur-Nat.Channel	news, ann, gong	E	43433
7-Feb	1607	1566.00	IND	AIR, Nagpur-Nat.Channel	Indian mx		23432
10-Feb	1750	1566.00	IND	AIR, Nagpur-Nat.Channel	Subcontinental mx	Hi	44444
7-Feb	1606	1566.00	IRN	IRIB Bandar Abbas	female ann	Fa	33333

Freq	Callsign	Location	ITU	Date	UTC	S	Range (km)	Bearing
310.00	KUR	Kuopio Kurki	FIN	5-Feb	1723	2	1195	51
312.00	DJ	Ostersund/Froson	S	5-Feb	1732	2		
314.00	FIN	Giessen	D	5-Feb	1739	2	752	182
315.00	Q	Kajaani Quebec	FIN	5-Feb	1741	2	1251	45
316.00	OE	Dublin	IRL	5-Feb	1743	1	1076	252
318.00	B	Pori Bravo	FIN	5-Feb	1744	1	840	52
320.00	OL	Lycksele	S	5-Feb	1746	1	942	29
319.00	C	Prerov	CZE	5-Feb	1747	1	1037	145
321.02	M M		unid	5-Feb	1749	1		
325.00	JOE	Joensuu	FIN	5-Feb	1757	2	1262	54
325.00	NF	Nordfjordur	ISL	5-Feb	2006	1	1483	315
326.00	SUI	Tampere	FIN	5-Feb	2010	1	953	55
328.00	KIT	Kittilä	FIN	5-Feb	2027	2	1385	29
330.00	HR	Kharkiv	UKR	5-Feb	2031	2	1948	104
334.00	S	Kuopio	FIN	5-Feb	2051	1	1195	51
340.00	KS	Kuusamo Kilo Sierra	FIN	5-Feb	2103	2	1411	39
340.00	O	Oulu Oscar	FIN	5-Feb	2104	2	1197	39
392.00	RAN	Lappeenranta	FIN	6-Feb	1518	2	1139	61
401.00	BBA	Benbecula	G	6-Feb	1547	1	988	277
404.00	Y	Kemi Yankee	FIN	6-Feb	1556	2	1232	34
414.00	HD	Hestad	NOR	6-Feb	1608	2	979	9
416.00	TOR	Toramo	FIN	6-Feb	1612	2	1341	33
419.00	HY	Vaasa	FIN	6-Feb	1614	2	930	43
425.00	OU	Umeaa	S	6-Feb	1620	1	932	35
427.00	HDY	unid	unid	6-Feb	1622	2		
430.00	AJ	Staritsa	RUS	6-Feb	1627	1	1554	83
430.00	LI	Lykhackeve	UKR	6-Feb	1627	1	1984	105
432.00	G	Ämari	EST	6-Feb	1630	1	898	70
434.00	GR	Gorka	RUS	6-Feb	1635	1	1360	69
434.00	MV	Melun	F	6-Feb	1636	1	1067	205
438.00	OR	Kirov	RUS	6-Feb	1643	1	2337	70
316.00	BJO	Bjornoya	NOR	6-Feb	1957	2	1947	9
317.00	STT	Bodo Stott	NOR	6-Feb	2001	1	1081	10
318.00	A	Sodankyla	FIN	6-Feb	2004	2		
319.00	G	Halli	FIN	6-Feb	2009	2		
320.00	IL	Ilstad	NOR	6-Feb	2012	1	1133	12
324.00	MS	Mosjoen	NOR	6-Feb	2026	2	961	11
293.00	STE	Steinhof	AUT	9-Feb	2127	2	1125	152
355.00	VIL	Villafranca	I	9-Feb	2131	1	1347	174
356.00	SU	Salzburg	AUT	9-Feb	2132	1	1088	165
328.00	GIO	Gioia del Colle	I	9-Feb	2154	1	1929	160
333.50	VOG	Voghera	I	9-Feb	2206	2	1383	181
318.00	GEN	Genova Sestri	I	9-Feb	2213	1	1443	181
326.00	NL	Mykolaivka	UKR	9-Feb	2255	1	2172	119
328.00	IVR	Inverness	SCT	9-Feb	2259	2	790	277
330.00	HR	Kharkov Osnova	UKR	9-Feb	2303	2	1948	104
330.00	NSM	Inishmaan Island	IRL	9-Feb	2308	2	1274	256
740.00	KB	Anadyr	RUS	11-Feb	0312	2	6405	6
680.00	BP	Chelobityevo	RUS	11-Feb	0337	1	1736	83
742.00	GE	Kursk	RUS	11-Feb	0510	1	1836	98
579.00	FR	Unid	Unid	11-Feb	0550	2		