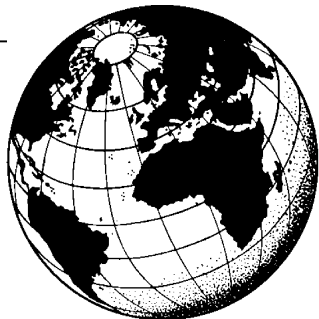
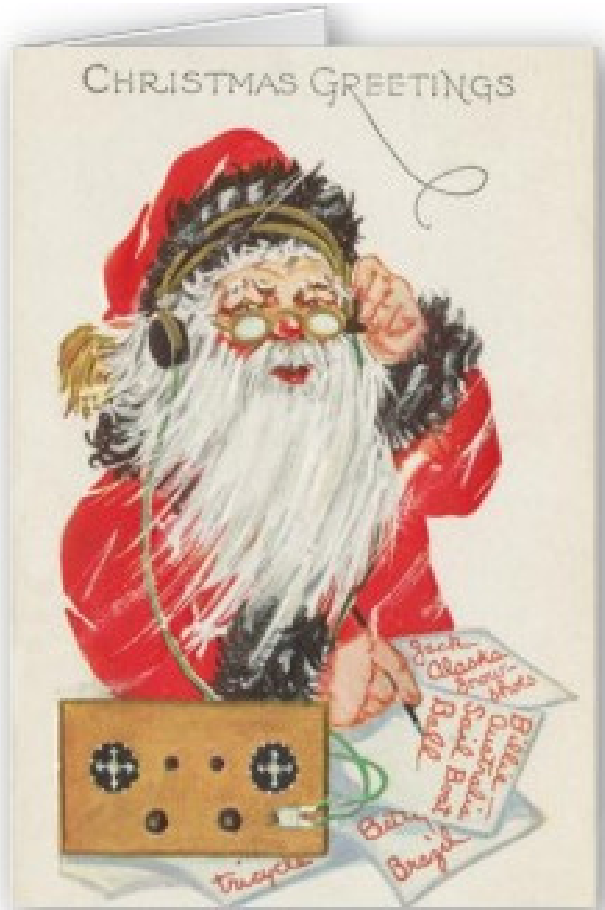


MEDIUM WAVE NEWS

MEDIUM WAVE CIRCLE

December 2010 Volume 56 No. 07



- ♣ *25 years ago*
- ♣ *In search of Super-DX*
- ♣ *Grayland DX-pedition*
- ♣ *UK community radio report*
- ♣ *Tecsun PL-606 reviewed*

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STOP PRESS:

Welcome to new members this month...

Hans de Zeeuw, Strathdon, Scotland; Vaclav Dosoudil, Kvasice, Czech Republic; Ian Meyers, Boynton Beach, USA; Tim Papadopoulos, Shaftesbury, UK; Florentin Vaduva (Location?); Glyn Cadwaladr, Gwynedd, Wales; Christian Soidet, Vitry sur Seine, France; Raymond Dring, Nottinghamshire UK; InfoTech Communications, Norfolk UK; Michael Yule, Vancouver, Canada; Raymond Browell, Lancashire UK

Welcome to the Circle!

LATE NEWS

John Williams is out of contact by e-mail so if you need to contact him please use the phone.

Stop Press Deadlines:	2 nd January for January 2011	30 th January for February 2011
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Cover illustration: Merry Christmas to all the Circle members.
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EDITORIAL

with Steve Whitt

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Wow how has time flown! The holiday season is almost upon us but as I write here in the UK we are in the grip of the worst November winter weather in at least 17 years. I recorded -9 degrees a couple of nights back and we've had over 30cm of snow so far. Sadly most DXers seem to be saying that listening conditions have been uninspiring but that hasn't stop a healthy number of contributors this month from reporting so much that we have 26 pages of logs from Martin.

This month Gary de Bock has been busy again with the latest Ultra Light Receiver. It has been amazing to see the rapid evolution of this digital receiver technology and all at an amazing price! I'm going to order one now myself.

25 years ago

In October 1985, four intrepid DXers made the long journey north, to the beautiful Highland region of Scotland, close to Cape Wrath in the north-west corner.

Ian Kelly, John Faulkner, Mark Hattam and David Hyams travelled hundreds of miles purely to see if we could break the records. Mark had found a holiday cottage in the crofting village of Sheigra (population 12). There was sufficient room to erect beverage antennae in several directions.

So let's travel back in time and head off to page 12 to find out how DX-peditions transformed the thinking of a whole generation of MW DXers and opened up opportunities previous thought impossible. (Thank you to Barry Davies & Mark Hattam for jogging my memory.)

Indian broadcast staff plan second strike

Employees of India's national broadcasters, Doordarshan (DDI) and All India Radio (AIR), are planning a second strike following a two-day stoppage in November which was reported as taking 1700 stations off the air. They are demanding the repeal of the Prasar Bharati Act, which they say gives the broadcasters autonomy only in day-to-day matters, without financial viability, the Business Standard reports. Prasar Bharati, the national broadcasting corporation, oversees the two organisations. The federation said the next strike would last for three days from 13 December.

World Record Underwater broadcast

Maria Holland a radio presenter with Basildon Hospital Radio broadcast 6meters underwater at the studio on Saturday 13th November 2010 for an official Guinness World Record. She smashed the Guinness World Record and the Essex FM record by broadcasting underwater for 4 hrs 4 mins and 23 seconds. The previous record was set by two radio presenters from WFSM in Sydney Australia who set the Guinness world record for an underwater radio broadcast at 3hrs 9 mins.

And finally

As a last word for 2010 I'd like to say thank you to everyone who has been in contact with me during the year and in particular I'd like to extend thanks to all the volunteers and contributors who have worked tirelessly for the Circle and all its members. Without you, there would be no club, no Medium Wave News and not much of a hobby. So once again thanks.

Now on with the show.

73s Steve

Ofcom publishes Community Radio Annual Report 2010

The full pdf report can be accessed at the Ofcom web page. (*Ofcom is the UK radio regulator*)

Executive summary

Community radio stations are not-for-profit radio services designed to operate on a small scale and to deliver community benefits, known as 'social gain', to one or more communities. The legislation enabling community radio services to be licensed was introduced in 2004 and amended in January 2010. The first community radio station launched in November 2005. This is Ofcom's third annual report on the community radio sector.

Ofcom has to date licensed 228 stations over two rounds of licensing. 181 of these are broadcasting and a further 17 have either decided not to launch or have handed their licence back, largely due to funding problems. The remainder are preparing to start broadcasting. The second round of licensing has now concluded and Ofcom is currently considering whether there will be a third round of community radio licensing.

Community radio serves a diverse range of communities. The majority of stations licensed serve a general audience in either an urban/suburban area (17%) or a town/rural area (43%). Many services, however, serve smaller communities of interest. This includes, for example, those aimed at minority ethnic groups (14%), a youth audience (11%) and religious groups (7%). Of the licences awarded, 184 are in England, 14 in Northern Ireland, 20 in Scotland and 10 in Wales.

The legislation governing community radio sets out the characteristics of community radio services and defines social gain. Each station has a set of 'key commitments', which forms part of its licence and sets out how it will meet these characteristics and deliver social gain. It includes how a station will make itself accountable to its target community and ensure access, its programming aims and its commitments in respect of training and other social gain objectives.

The legislation also requires that Ofcom sets licence conditions limiting the amount of income that individual stations can generate from on-air advertising and sponsorship. For the majority of stations this limit is 50%, however, two stations have lower limits (25% and 10%) and a further 17 stations cannot take income from on-air advertising and sponsorship at all. These additional restrictions have been put in place to protect existing smaller commercial services whose coverage areas overlap with the community services.

Each station that has been broadcasting for more than a year is required to complete an annual report. The reports detail how each station has performed against its key commitments and identifies its sources of income and expenditure. The financial aspect of the reporting enables Ofcom to check whether the station has stayed within the legislative restrictions on funding. For the period April 2009 to March 2010 Ofcom received key commitments annual reports from 128 stations and financial annual reports from 125 stations.

In 2009/10 the average (mean) station's income was around £74,500. The median figure, the mid-point in the distribution of station's income, was considerably lower at £44,500. This is because a small number of stations are earning significantly more than the majority.

The total reported income of the four highest earning stations, each reporting over £250,000 income for the reporting period and earning a total of just over £1.6m, equates roughly to the total income of the 66 lowest income stations. If we exclude the four highest earning stations' income then the average income drops to £62,000. The median figure remains relatively similar at £42,000.

Stations targeting a community of interest (rather than a geographic community) reported a higher income than the sector average. For example, services targeting minority ethnic communities had

an average income of £80,000. Stations serving a general audience in an urban area reported a higher average income than town/rural stations (£83,000 as opposed to £56,500).

The average (mean) sector income is down by around 6% on the previous year's reported figures. In the 2008/09 period income had dropped by almost 20% compared to the period prior to this. The median income for this reporting period has dropped by 11% compared to the 2008/09 period.

When compared to previous years, the proportion of income from specified sources to any significant extent appears similar. The most significant type of income for the sector is grant funding which accounts for 35% of the total. Income from on-air advertising or sponsorship accounted for around 22% of total income across the sector. Thirty stations (24% of those from which we had financial returns) had no income from advertising and sponsorship. Of these, 19 stations chose not to take this type of income as a matter of choice or policy. The remaining 11 stations were prohibited under their licence from doing so.

Public sources of funding accounted for 37% of the total sector income. Local authorities accounted for around 8% of the sector's total income. 25% of income came from other public bodies such as the Arts Council, health providers, educational establishments and various national lottery award schemes.

The Community Radio Fund, which is administered by Ofcom on behalf of the Department for Culture, Media and Sport, accounted for £348,000 (around 4% of the sector's total reported income). The Community Radio Fund continues to be the largest single source of income for the sector although a small number of individual funders made grants or entered into service level agreements (SLAs) - negotiated agreements between two parties where one is the customer (e.g. the local council) and the other is the service provider (the station) - of more than £100,000 in the year under review.

The highest cost for community radio stations remains staff expenditure, which accounted for almost 50% of stations' costs. Premises and technical costs, as in previous years, account for the next most significant outlay.

Individual circumstances range from a surplus of £83,000, to a deficit of £158,000. Almost 50% of stations that returned a financial annual report were in deficit. Of these 59 stations in deficit, 21% reported this to be in excess of £10,000. In most cases, large deficits are being funded by parent organisations; any surpluses are typically invested in the operation of the service.

Community radio stations broadcast live for around 80 hours per week on average, and, in general, broadcast a further 10 hours per week of original pre-recorded material. On average around 31% of daytime output is speech and this can feature a wide range of local organisations and community initiatives.

Some stations focus on particular genres of music, while those serving a geographic audience generally broadcast more mainstream music during daytime programming, often moving to specialist output in the evening.

The average station reports the involvement of around 75 volunteers although there is a wide variation - from 1 to over 300. Together these volunteers give on average of around 213 hours a week of their time in total.

At a cost of under £10 million pounds, based on the reports received from stations in this reporting period community radio in the UK delivered:

- A total of almost 10,000 volunteering opportunities

- Over 25,000 volunteer hours each week
- Over 10,000 hours of original radio output each week
- Output broadcast in a wide range of community languages

There are now over 180 stations broadcasting and Ofcom estimates that volunteers contribute close to 170,000 hours a month or over two million hours per year to community radio.

Study shows a significant gap between group-owned and stand-alone radio stations as they deploy revenue generating technologies

An independent study sponsored by Wheatstone Corporation shows the radio industry evolving into technology ‘haves’ and ‘have nots’ based on their ownership structure. The study showed stations with the financial backing of a group deploying new revenue generating technologies at about twice the frequency of stand-alone radio stations.

Wheatstone Vice President Andrew Calvanese said, “This study comes to the radio industry at a critical time. As traditional ad revenue has declined, radio organizations are experimenting with new technologies that will add revenue by enabling them to deliver programming through a variety of new channels.”

Of the 10 revenue generating technologies the study measured, streaming a station’s radio signal over the Internet was seen as having the most potential. Having a website that interacts with listeners was second, while streaming multiple channels of programming was third.

When respondents were asked which of the 10 technologies their radio organizations are now deploying, streaming was the top pick by far. For six other technologies (listed below), each requiring capital investment, respondents reported group owned stations as implementing them at a substantially higher rate than stand-alone stations:

- Having a website that delivers video: Group owned, 43.1%; stand-alone, 26.8%
- Promoting stations with a mobile phone app: Group owned, 43.1%; stand-alone, 22.8%
- Streaming multiple channels: Group owned, 38.5%; stand-alone, 20.3%
- Broadcasting in HD Radio: Group owned, 36.9%; stand-alone, 19.5%
- Websites that create musical discovery: Group owned, 27.7%; stand-alone, 17.9%
- Broadcasting multiple HD Radio channels: Group owned, 26.2%; stand-alone, 10.6%

For the remaining three technologies, which do not require capital investment (using social media to win more listeners, creating a website that interacts with listeners, and creating podcasts) responses for stand-alone and group-owned stations were comparable.

With the exception of streaming, stand-alone stations are falling behind group-owned stations in using revenue generating technologies that require capital investment. Group-owned stations are pulling ahead by a ratio of about 2:1. Long term, as revenue builds from these new technologies, stand-alone stations could find themselves challenged to compete economically.

Scott Johnson - Wheatstone Corporation

GRAYLAND DX-PEDITION

by Guy Atkins

My recent two-night DXpedition to the Grayland Beach State Park had an unusual "first" for me, after 20 years of DXing at Grayland: an earthquake! This small 4.2 magnitude trembler happened 9 miles below Mossy Rock, WA, and was definitely *heard* by me, if not felt. It struck at 7:51 a.m. on the 16th and sounded like a loud, large semi truck was rumbling by, right next to the yurt. In fact, I got up and looked out the door of the yurt (cabin) to see what was going on. That's when I realized it wasn't a truck or noisy RV!

While at the coast I tried a new antenna design – a dual pennant phased array on behalf of Andy Ikin of Wellbrook and two other designers – Neil Kazaross and Mark Connelly. Andy simplified Neil & Mark's dual pennant loop by placing the feed point and termination (1400 ohms) in the bottom corners. He also indicated I could use Wellbrook FLG100 matcher/amplifiers I already had on hand. Two of these 20 ft. high X 72 ft. long loops (each loop looks like a big "bow tie") were spaced about 150-160 feet apart and phased through a Wellbrook phaser. Each loop contains 200 feet of wire but due to the bowtie shape they only take up 72 feet (each) on the ground. The bottom points of the "bowtie" shaped loops were 2 feet off the ground (I used 22 ft. tall masts). The array worked well to reduce stateside station QRM while being sensitive to Asian MW DX. However, I had a heck of a time getting the loops aligned (on-axis) because a stand of trees obscured my view from one loop to the other.

The loops worked well on all of shortwave too, but with reduced directionality above a few Megahertz. On medium wave I found rearward nulls on the order of 25-35+ dB for stations in the San Francisco area. Stations on other bearings toward the rear of the antenna were reduced, but not as much. It seemed like the "null aperture" to the rear was not that wide compared to the best array I've experienced--the 4-loop QDFA. It also seemed narrower than even two phased delta loops or "KAZ" antennas.

The array was oriented at 270 degrees due west, so the best nulls off the back side should have been Richland/Pasco, Centralia, and Pendleton stations. As I mentioned though, the best nulls by far were the San Francisco bay area stations...so some skewing of the pattern was happening. Also, the phaser's balance control needed to be fully counter-clockwise for the best nulls. Andy says this indicates an imbalance situation. Ideally both phase and balance controls would be at the midpoint of their adjustment.

Bill Whitacre of Alexandria, VA hopes to replicate the phased dual pennant array this coming weekend, so it will be interesting to learn if his nulling results are better than mine.

MW DX the first night on the 15th (UTC) was strongly Asian/TP as expected this time of year. Reception was good but not outstanding. For instance, Tier 1 and tier 2 Japanese stations were easily heard, but frequencies with low power synthros were just a jumble of weak audio. The lone DU signal I heard was 2BL 702 in Sydney.

Below are MW loggings from just the first night of DXing on November 15th (UTC), mostly from listening across the top of each hour. I have yet to go through the Perseus WAV files from the 16th. Background noise levels on this early winter DXpedition were very low. At the edge of the band and on long wave, the noise level was a steady -110 dB (Perseus 2,000 kS/s setting). I can only dream of such low noise levels at home!

Tropical band loggings from the 15th can be read in this text file:

<http://www.mediafire.com/?tmifbizy5y8tzui> .

549 RUSSIA Rst Mayak, Nov 15 1400 – Moscow Nights IS, 5+1 time pips at the top of the hour, all very echoey from multiple locations. Russian language announcers. Good Level.

558 SOUTH KOREA HLQH, Nov 15 1000 – Strong signal with female announcer in Korean; mixing with JOCR Kobe. (Atkins-WA)

567 JAPAN JOIK Sapporo, Nov 15 0900 – Time pips at top of the hour, mellow musical interlude, then Japanese talk by male and female announcers. Fair signal. (Atkins-WA)

576 RUSSIA Rst Mayak Petropavlosk, Nov 15 1000 – Most likely this location, with Moscow Nights IS at top of the hour, and 5+1 time pips. Into Russian talk. Good signal. (Atkins-WA)

594 JAPAN JOAK Tokyo, Nov 15 1000 – Powerhouse signal as expected from this top tier NHK1 station. 3+1 time pips, 'NHK' network ID by woman, and into presumed news in Japanese.

648 RUSSIA V of Russia, Nov 15 1400 – VOR interval signal, IDs in Chinese, and orchestral music. Very strong! I can believe the 1000 kW listed power. (Atkins-WA)

657 NORTH KOREA Pyongyang Pangsong, Nov 15 1600 – A strong signal with strident talk by male announcer in Korean, and uninspiring orchestral music. Actual frequency as shown on Perseus zoom tool was on the low side at 656.96, typical for Pyongyang on this frequency.

666 JAPAN JOBK Osaka, Nov 15 1100 – 3+1 time pips at top of the hour; female announcer in Japanese. Fair signal at best. (Atkins-WA)

675 VIETNAM V of Vietnam, Nov 15 1600 – Poor signal of Vietnamese talk by man and woman. Back down in the noise shortly after 1600. (Atkins-WA)

693 JAPAN JOAB Tokyo, Nov 15 0800 – Good signal of Japanese talk, and mentions of Tokyo at 0800. (Atkins-WA)

702 AUSTRALIA 2BL Sydney, Nov 15 1200 – ABC trumpet fanfare, and into news in English, read by a female announcer. Poor to fair level. (Atkins-WA)

711 SOUTH KOREA HLKA Sorae, Nov 15 1600 – 3+1 time pips heard at 1600, and then announcements in Korean by woman. Fair signal. (Atkins-WA)

738 RUSSIA R Rossi, Nov 15 1100 – Presumed, with talk by man and woman in Russian. Poor to fair signal. (Atkins-WA)

738 TAIWAN BEL2, Nov 15 1600 – A real jumble here, with three stations at times fighting for dominance. EZL English lang. pops by Whitney Houston (I think) at 1558, then replaced by presumed Amoy talk which continued across the top of the hour. Likely BEL2 Taiwan Fisheries here, and fair at best. Curiously, I never noted RFO Tahiti on the frequency all evening.

747 JAPAN JOIB Sapporo, Nov 15 0800 – Good signal in Japanese, but suffering from strong splatter from 750 KXL Portland. (Atkins-WA)

756 JAPAN JOGK Kumamoto, Nov 15 1600 – Time pips (ping-ponging with another background station on frequency) and 'NHK' network ID heard at the top of the hour, followed by announcements by woman in Japanese. Weak but fairly clear signal. (Atkins-WA)

774 JAPAN JOUB Akita, Nov 15 0800 – News items in Japanese at the top of the hour. Good level. (Atkins-WA)

792 SOUTH KOREA HLSQ – Love FM, Nov 15 1600 – Romantic music before and after 1600, at a good signal level. Talk in Korean by male and female announcers, with a clear mention of 'FM' but I couldn't pick out any other words. Single time pip at 1600. (Atkins-WA)

819 NORTH KOREA KCBS Pyongyang, Nov 15 1600 – Dreamy, lavish orchestra music backed by a gigantic choir (likely singing the praises of the new leader), to ID in Korean and 3+1 time pips at 1600. Very strong signal, with at least one other station audible in the background during pauses.

828 CHINA Unid, Nov 15 1600 – Unknown Chinese station in faintly on this frequency. Perhaps Guangdong Satellite? (Atkins-WA)

828 JAPAN JOBB Osaka, Nov 15 0800 – Time pips at top of the hour, and into presumed news by male in Japanese. Strong signal, benefiting from reduced splatter of the dual pennant array antenna. (Atkins-WA)

837 CHINA Harbin News Channel, Nov 15 1600 – Presumed this, with 4+1 time pips and announcements in Chinese by female announcer. Possible mention of Harbin. Strong and loud signal. (Atkins-WA)

846 KIRIBATI R Kiribati, Nov 15 0722 – Island music and presumed Kiribatese talk rising briefly above the noise. Nice to hear a few South Pacific stations, despite conditions being strongly Asian tonight. Good level while it lasted. (Atkins-WA)

873 JAPAN JOGB Kumamoto, Nov 15 0800 – Fair level with time pips and Japanese talk.

891 JAPAN JOHK Sendai, Nov 15 0900 – 3+1 time pips at 0900, followed by soft musical interlude and Japanese announcers. Parallel to 567 NHK1. Fair level. (Atkins-WA)

909 JAPAN JOVX Abashiri, Nov 15 0900 – Rapid talk in Japanese at top of the hour, by man and woman. Fair signal in 910 splash. Parallel to 1440 JOWF Sapporo, which was much stronger.

954 JAPAN JOKR Tokyo, Nov 15 1600 – Lively variety program or similar, with music, laughter, and talk in Japanese. Mentions of 'TBS' network at 1558. Distinctive, multi-tone 'musical' chimes at 1600. Into drama or radio play. Very good signal. (Atkins-WA)

963 CHINA R Rossi, Nov 15 1000 – Trumpet fanfare, ID in Chinese, then 'Radio Kitaya' in Russian. Good signal. (Atkins-WA)

972 SOUTH KOREA HLCA Dangjin, Nov 15 1100 – 3+1 time pips, and female announcer in Korean. Good signal. (Atkins-WA)

981 CHINA CNR1 Synchron, Nov 15 1000 – 5+1 time pips, and echoey 'Guangbo Dientai' from multiple transmitters. Into orchestral interlude and Chinese talk. (Atkins-WA)

990 CHINA Unid, Nov 15 1600 – Rapid paced announcers in Chinese, with clear mention of 'Harbin' at 1600. I wonder which service or outlet this is? Good level. (Atkins-WA)

999 CHINA Unid, Nov 15 1600 – Another unknown Chinese station at 1600, with male and female Chinese language announcers. Excellent S8 signal though! This station was not parallel 981 CNR1. (Atkins-WA)

1008 JAPAN JONR Osaka, Nov 15 1200 – Noted 'ABC' network ID at 1159, then a double high-to-low pitched chime at 1200. Into talk or news in Japanese. Good signal. (Atkins-WA)

1017 CHINA CNR8, Nov 15 1000 – Noted sign-on of Korean language service with dramatic and overblown orchestral version of usual trumpet fanfare, announcements and presumed ID in Korean. Excellent signal. (Atkins-WA)

1053 JAPAN JOAR Nagoya, Nov 15 0800 – Fair signal man and woman in Japanese. Faint TPs from unid station in background. (Atkins-WA)

1062 SOUTH KOREA HLKQ Cheongju, Nov 15 1600 – Woman with Korean talk across the top of the hour, with an English phrase 'in South Korea today' thrown in at 1601. Good signal

1071 JAPAN JOWM Sapporo, Nov 15 0900 – Fair level with rapid paced announcers in Japanese. Parallel to 1440 and 909 STV network stations. (Atkins-WA)

1098 MARSHALL ISLANDS R Marshalls, Nov 15 0727 – Log drums and island music choir at 0726 tune-in. Signal peaking fair level at 0727, and was gone by 0730. Strong carrier remained throughout the night as usual. (Atkins-WA)

1134 JAPAN JOQR Tokyo, Nov 15 0800 – TPs at top of the hour, and into presumed news items, read by man and woman in Japanese. Very good signal. (Atkins-WA)

1134 SOUTH KOREA KBS Liberty 1, Nov 15 1300 – Announcements in Korean, 3+1 time pips, and man with what sounds like 'Radyo Fixsta' (??) program or service name. Maybe this means Liberty 1. More solemn Korean talk over a beautiful orchestral theme. Good level. (Atkins-WA)

1143 JAPAN JOBR Kyoto, Nov 15 1100 – Marching music at top of the hour, and male and female announcers in Japanese. Fair to good. (Atkins-WA)

1152 JAPAN JOPC Kushiro, Nov 15 0800 – Fair signal from this 10 kw NHK2 station; man and woman talk in Japanese with presumed news items. (Atkins-WA)

1170 SOUTH KOREA HLSR Gimje, Nov 15 1600 – Noted here with flute music and lively Korean discussion. KPUG Bellingham was only a very faint whisper in the background. Great HLSR signal strength. (Atkins-WA)

1179 CHINA Unid, Nov 15 1600 – Musical tones heard, then 3+1 time pips at 1600, followed by man and woman in Chinese. Very good level. (Atkins-WA)

1197 JAPAN Unid STV station, Nov 15 0900 – Weak signal in splatter, but I could tell the fast talking announcers were parallel to 1440 JOWF and other STV outlets audible at 0900

1206 CHINA Yanbian RGD, Nov 15 1000 – ID and announcements in Korean, and trumpet fanfare. Good level. (Atkins-WA)

1206 CHINA Yangbian RGD, Nov 15 1600 – Man and woman announcers in Korean, with ID that sounded like the 'Yo'nbyo'n Inmin Bangsong' text listed in PAL. Superb signal. (Atkins-WA)

1224 JAPAN JOJK Kanazawa, Nov 15 1000 – Presumed this NHK1 outlet, which is listed as 10 kw compared to the other 100-300 watt synchros on the frequency. Male and female announcers in Japanese, with mentions of NHK. Good signal. (Atkins-WA)

1242 JAPAN JOLF Tokyo, Nov 15 0800 – Japanese male announcer with mentions of Tokyo. Good level. (Atkins-WA)

1251 CHINA Unid, Nov 15 1600 – Unknown service, with 5+1 time pips, mentions of Beijing and other talk in Chinese. Fair signal. (Atkins-WA)

- 1260 JAPAN JOIR Sendai, Nov 15 1100 – Rapid paced man and woman announcers in Japanese, trading places with the ESPN sports station on the frequency. Fair. (Atkins-WA)
- 1269 JAPAN JOHW Hokkaido, Nov 15 0800 – Fair signal; female Japanese announcer with presumed news. (Atkins-WA)
- 1278 JAPAN JOFR Fukuoka, Nov 15 0900 – Slow piano music at tune-in with voice over Japanese announcer. Fair level in 1280 splatter. (Atkins-WA)
- 1287 JAPAN JOHR Sapporo, Nov 15 0700 – JOHR leads the pack with the best audio during the minutes of fade-in around 0700. Others noted just prior to 0700 were Japanese 747, 774, 828, and Oceania stations 846, 1017, and 1098. (Atkins-WA)
- 1314 JAPAN JOUF Osaka, Nov 15 1000 – Japanese announcer with the beginning of presumed newscast. Fair signal but hampered by splatter. (Atkins-WA)
- 1323 CHINA CRI, Nov 15 1300 – Trumpet fanfare, IDs in Chinese and Russian. Into Russian language program. Fair to good signal. (Atkins-WA)
- 1332 JAPAN JOSF Nagoya, Nov 15 0900 – Brief music at top of the hour, then 2+1 time pips and announcements in Japanese. Good level. (Atkins-WA)
- 1377 CHINA CNR1, Nov 15 1000 – Trumpet fanfare with ID in Chinese. Dominating NHK2 on the frequency with China's powerful signal. (Atkins-WA)
- 1386 JAPAN JOQC Morioka, Nov 16 0800 – Tentatively this station, out of a handful of 10 kW NHK2 stations. Excellent signal for so early in the evening, just past Morioka sunset.
- 1422 JAPAN JORF Yokohama, Nov 15 0900 – One time pip only at 0900, then Japanese talk by unusually excited and fast talking announcer; obviously lots of free caffeine for the JORF staff. Very good signal. (Atkins-WA)
- 1440 JAPAN JOWF Sapporo, Nov 15 0900 – Very good signal with male and female rapid-talk announcers in Japanese. Parallel to 1197 and other STV outlets. (Atkins-WA)
- 1475 MALAYSIA RTM Kota Kinabalu, Nov 15 1200 – Female announcer in Bahasa Malaysian with mentions of Malaysia 1159. Malaysian pop music at 1205. Fair level but only seemed to rise to audibility around 1200. (Atkins-WA)
- 1566 SOUTH KOREA HLAZ Cheju, Nov 15 0800 – Fading in quickly, and strengthening at top of the hour with religious music interlude and soft talk by female in Korean. Into hymns or church. Easily S9+10db signal one hour later at 0800. (Atkins-WA)
- 1575 THAILAND VOA Ban Phachi, Nov 15 1258 – Male speaker in Laotian, with nice spelled-out 'www dot voa news dot com, slash lao' web address. VOA fanfare, then 'this program has come to you from the United States of America' in English. Good level, with faint traces of presumed AFN Tokyo in background. Into Vietnamese program. (Atkins-WA)
- 1593 CHINA CNR1, Nov 15 1100 – IDs in Chinese, and 4+1 time pips before another ID and trumpet fanfare. Excellent signal. (Atkins-WA)
- Guy Atkins – Puyallup, WA USA, DXing from Grayland, WA
Perseus SDR / AR7030 Plus Phased Dual Pennant Array Antenna

IN SEARCH OF SUPER-DX The 1985 Cape Wrath DXpedition

by John Faulkner

There is a saying- "When the DX doesn't come looking for you, then YOU must go looking for the DX!" and that's just what four World DX Club members did recently when they travelled to the north-west of Scotland. The DXers were Ian Kelly armed with a Yaesu FRG7 and Realistic DX302, David Hyams - Yaesu FRG7700, FRT7700 & audio filters, Mark Hattam - Drake TR7, RV7 & pre-amp, and myself - Trio 9R59D. The DXpedition took place between October 3rd and 12th, giving us nine full nights at the receivers.

The QTH was Sheigra, a tiny crofting village just south of Cape Wrath. Sheigra consisted of about a dozen cottages, one of which was being rented by ourselves. The nearest town was Kinlochbervie, five miles to the south-east where the population must have been around a couple of hundred or less, so you can well imagine that we were really out in the wilds, well away from any major power lines. Kinlochbervie provided us with a shop, post office, a telephone box, and a hotel which provided us with liquid refreshment between DXing! Our location of nearly 59 degrees north proved very interesting, medium wave reception was far from what we had expected.

Mark and I arrived in Sheigra just after midnight on the 4th after a 12½ hour journey from Mansfield. A temporary listening post was immediately set up using Mark's TR7 and a 10 foot longwire draped around the room. Silly as this might sound, this set up was quite capable of pulling in CJYQ - 930, Globo's - 1100 & 1220 and many other south Americans at surprisingly high strengths! By 0130 GMT I had erected my portable 40" loop and hooked it up to the 9R59D, by which time all the north American DX (what little there was of it) had completely faded out. The only DX worthy of mention on the 4th was on 820 KHz at 0228 GMT - WBAP Fort Worth TX, oddly enough, this was the only north American DX audible on the band at the time, weird! By 0330, conditions seemed to have worsened, there was very little DX coming in, so we decided to call it a night.

The following afternoon was spent erecting a beverage antenna for north America, and by coincidence there just happened to be a long, straight barbed wire fence which ran away from the cottage in a northerly direction (roughly 350°) so we connected a wire from the receivers, out of the kitchen window and up to the barbed wire fence, the far end of which (being about 1000 feet away) was terminated to earth via a 560 ohm resistor. We had, in fact, taken several thousand feet of aerial wire with us, but we thought we'd try the barbed wire as an experiment.

By 2100 on the 4th, we were receiving what can only be described as "powerhouse" signals from Globo on 1220 and many other Brazilians, then came CJYQ at 2200 with VERY strong signals. However, just like the night before, signals had taken a dive after a couple of hours. In fact, this was the case every night, we really struggled to hear any ECNA DX, Brazil was usually the dominant feature, Globo on 1220 was like a local - even on a portable!

Now we move into the 5th and the first signs of excitement, though up until 0400 conditions seemed very poor in general, once again we were almost ready for pulling the plugs out, then.... Mark noted a north American on 930 and this was quickly identified as CFBC St John NB, the time was 0345. Then at 0350 we heard another north American mixing with CFBC which we automatically assumed to be CJYQ, how wrong we were! There was a weather report mentioning a temperature of minus four degrees, (a little too cold for St Johns surely??) then came a time check for 9:50pm! Glued to our receivers, we eagerly awaited the top of the hour, by which time the signal had gone from weak to 50 over 9 on the S meter! At 0400 we heard the ID- "This is nine-thirty CJCA in Edmonton." and if that wasn't enough, signals had begun appearing all over the place, it was as if somebody had 'switched on' the DX! CFGP in Grande Prairie AB was strong on 1050 at 0405, plus many UNID NA's. But the height of the DXpedition came at 0445 when I noticed a broadcast in an unusual language on 680, Mark quickly tuned in to the same frequency and we struggled into the noise level to hear what sounded like a broadcast in Eskimo, the signal got stronger, peaking just above S9, and at 0500 we heard this ID- "This is Top of the World Radio, KBRW - Barrow!" So this was it, the first reception of Alaska in the UK! Now, at this moment, picture Mark and myself dancing around the room like a couple of over-excited two year olds, Hi! Little did we know, this was only the tip of the iceberg!

Ian and David joined us the following afternoon, at which time we put up the rest of our aeriels. Now here's the funny bit- while we were in the fields at the rear of the cottage, we noticed that the barbed wire fence we had been using as a Beverage aerial had a gate half way along which we'd overlooked! So we hadn't really been using a Beverage the night before as thought, the Alaskan reception was made using only a 600 foot longwire! Now here is a list of the DX received on this DXpedition. The symbol "*" indicates a first UK logging- according to available sources.

- | | |
|--|---|
| 570 Gronlands R, Nuuk | 1070 YVMA R Mundial Zulia, Maracaibo |
| 580 ZYI776 R Globo, Recife | RFO Cayenne, Fr Guyana. Pres. |
| * 600 CFCQ Saskatoon SK | 1090 KING Seattle WA (TENT) |
| BED76 CBS Luchiang | WBAL Baltimore MD. |
| ZYK278 R Gaucha, Porto Alegre | 1100 ZYK694 R Globo, Sao Paulo |
| HJHJ R Libertad, Barranquilla | HJ.. R Reloj, two possible sites |
| 621 Batra, Egypt | ZDK St Johns, Antigua |
| * 650 KYAK Anchorage AK (TENT) | UNID Nth American- KFAQ ? |
| Gronlands R, Qeqertarsuaq | * 1110 CHQT Edmonton AB |
| * 680 KBRW Barrow AK | YVQT R Carupano, Carupano |
| * CHPA Edmonton AB | ZYI786 R Tabajara, Joao Pessoa |
| ZYK275 R Farroupilha, P. Alegre | * 1120 KPNW Eugene OR |
| 710 YVKY R Capital, Caracas | ZYK275 R Globo, Porto Alegre |
| * 740 CBX Edmonton AB | 1130 ZYJ460 R Nacional, Rio de Janeiro |
| 750 CJWw Saskatoon SK | 2 Nth Americans mixing, CKWX ? |
| BED2 CBS Minhsiung | * 1140 KCSY Soldotna AK (TENT) |
| YVKS R Caracas, Caracas | CKXL Calgary AB |
| ZYH709 R Alvorada, Brasilia | CB110 R Nacional del Chile, Santiago |
| 760 BRG GBC Channel 1, Georgetown | 1190 LR9 R America, Buenos Aires |
| 765 ORTS Dakar, Senegal | 1200 WOAI San Antonio TX |
| * 790 CFCW Camrose AB | YVOZ R Tiempo, Caracas |
| 800 PJB TWR Bonaire, N Antilles | BED50 CBS Minhsiung |
| 820 WBAP Fort Worth TX | 1210 WCAU Philadelphia PA |
| 825 R Paradise, St Kitts | YVMN R Coro, Coro |
| * 850 BE... CBS Linkou | YVQZ R Anzoategui, Barcelona |
| 860 ZYJ459 R Mundial, Rio de Janeiro | 1220 ZYJ458 R Globo, Rio de Janeiro |
| 2 Nth Americans mixing. | CKCW Moncton NB |
| * 870 HJSB Mar Caribe AM, Barranquilla | * 1250 BEC22 CBS Linkou |
| * 890 ZYK690 R Gazeta, Sao Paulo | 1290 YVLF R Puerto Cabello, P. Cabello |
| 900 CBC Bridgetown Tent/Pres | CHRM Matane PQ. Pres |
| 920 CJCH Halifax NS | 1300 ZYH586 R Iracema, Fortaleza |
| * 930 CJCA Edmonton AB | * CJME Rejina SK (TENT) |
| CFBC St John NB | 1320 UNID Nth American- CHQM ? |
| CJYQ St Johns NF | 1355 Voice of Saharan Arab Rep. Algeria |
| CX20 R Montecarlo, Montevideo | 1380 YVJD Ondas del Mar, P. Cabello |
| * ZYL229 R Araguari, Araguari | * 1400 AFRTS Hofn relay, Iceland- 10 watts! |
| 940 ZYJ453 R Jornal, Rio de Janeiro | 1402 SPLAJBC Tripoli, Libya |
| 950 UNID NA. CHER or CFAM ? | 1404 RTG Conakry, Guinea |
| ZYL212 R Atalaia, Belo Horizonte | 1410 CFUN Vancouver BC |
| YVKG R Vision, Caracas | CIGO Port Hawkesbury NS |
| LR3 R Belgrano, Buenos Aires | WPOP Hartford CT |
| 960 CFAC Calgary AB | 1420 CJVR Melfort SK |
| CHNS Halifax NS (TENT) | * 1430 CJXX Grande Prairie AB |
| 980 ZYH707 R Nacional, Brasilia | 1440 Ras as Zawr, Saudi Arabia |
| 981 RTA Algiers | 1448 SPLAJBC Misurata, Libya |
| 984 NIRT Kermanshah, Iran | 1470 YVFG R Vibracion, Carupano |
| 1000 BED62 CBS Luchiang | 1481 RCTV Dubai, UAE. |
| ZYK522 R Record, Sao Paulo | 1492 R Abidjan, Ivory Coast |
| 1008 EAJ50 R Las Palmas, Canaries | 1500 WTOP Washington DC |
| * 1010 CBR Calgary AB | 1510 WMRE Boston MA |
| * ZYH625 AM do Provo, Fortaleza | 1521 BSKSA Duba, Saudi Arabia |
| 1040 ZYK537 R Capital, Sao Paulo | 1554 RTG Melene, Gabon |
| * 1050 CFCP Grande Frairie AB | 1570 TGVE R Voz Evangelica, Guatemala |
| YVNQ R Mundial Caroni, P. Ordaz | 1580 VOA relay, Antigua |
| * 1060 CJAM Calgary AB (PRES) | 1610 Caribbean Beacon, The Valley |

Tecsun PL-606 AM-LW-FM-SW DSP Receiver

Breakthrough AM-DXing Capabilities in a Very Small Package

By Gary DeBock, Puyallup, WA USA

November 2010



Introduction Early last year China's Tecsun company radically altered the pocket radio market by its introduction of the innovative PL-300WT Ultralight radio model, the first to feature Silicon Labs' amazing Si4734 DSP chip. Although these initial radios had limitations both in AM sensitivity and in fixed 3 kHz DSP filtering, AM-DXing hobbyists were astonished at the remarkable selectivity already provided by DSP chip, and started to dream about a radio having the full range of Si4734 filtering options.

Both the Tecsun and Kchibo companies rushed to comply with our desires, with the latter company introducing its D92L and D96L models initially. Kchibo's introduction of these full-range DSP radios in the summer of 2009 caused a sensation among hobbyists, who purchased large quantities of the preferred D96L model. These models came with several quirks like digital "chuffing noise," internally-generated heterodynes and unusual rechargeable batteries, but the awesome 1 kHz DSP selectivity seemed to compensate for all these minor inconveniences. The Tecsun company quickly upstaged the D96L with its introduction of the superb PL-310 shortly thereafter, however—a model which featured equivalent AM sensitivity, full-range DSP filtering, no digital "chuffing noise," and used standard AA batteries. Tecsun's PL-310 was followed shortly by the slightly smaller PL-380, a similar full-range DSP model with slightly less AM sensitivity, but which offered greater freedom from the DSP chip's "soft mute" annoyance.

Unknown to us, Tecsun had continued to work behind the scenes to design and create an unusually compact portable, the new PL-606, which would essentially combine the best features of all the full-range DSP Ultralight radios so far. This breakthrough model combines the class-leading PL-310 AM sensitivity with full-range DSP filtering (6, 3, 2 and 1 kHz), all in a compact package significantly smaller than even the PL-380 model. Assuming that thumb wheel tuning and the PL-310-like "soft mute" level can be tolerated, medium-wave DXers can finally have the ultimate Ultralight combination of sensitivity, selectivity and portability-- all for a price of \$39.50 (plus \$20 shipping, from Hong Kong to N. America).



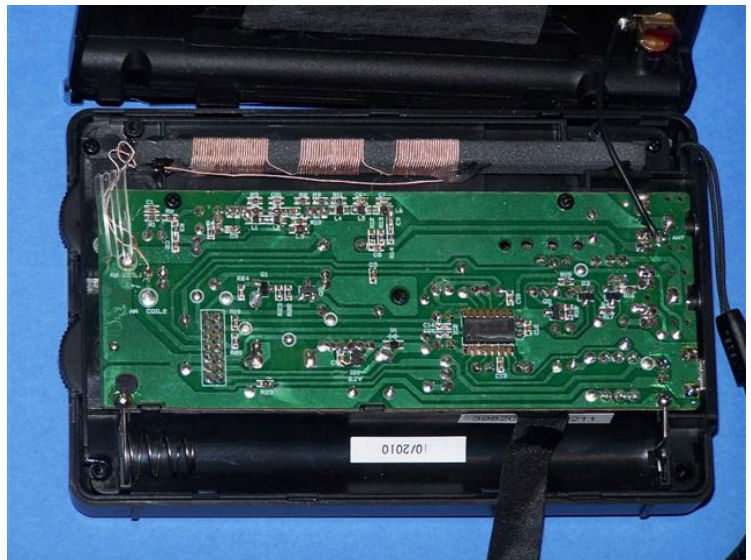
Physically, at 5" x 3.2" x 1" (125 x 80 x 25 mm) and weighing 6 ounces (175g), the new PL-606 resembles a slightly shrunken PL-380 model, with a more stylish, curved cabinet (and without the direct-entry keyboard). Several of the PL-380's cabinet design graphics are retained, as is the tuning thumb wheel (with its dual tuning rate, depending upon the rotation speed). The PL-380's three AA battery supply has been changed to a two AA supply in the newer model, however, allowing the PL-606 to have a significant size and weight advantage over its bulkier sibling (and an even greater advantage over the PL-310).

Although the new PL-606 does bear a strong physical resemblance to the PL-380, it also shares many characteristics with the ultra-compact PL-360, a vertical form Ultralight radio which was introduced by Tecsun last spring. Like the PL-360 there is no front-panel indication that the radio even tunes the LW band, and the process of accessing the band is related to the selection of 9 kHz tuning steps. The PL-360's two AA battery supply is matched, and the digital tuning functions are very similar. The lessons learned by Tecsun in engineering the extremely compact PL-360 circuitry probably helped greatly in the PL-606 design, allowing the company to pack maximum performance in the smallest possible cabinet space.

Optimizing AM Sensitivity To provide the best possible AM performance in the new PL-606, Tecsun installed the same 100 x 7.5 mm loopstick used in the class-leading PL-310 model. Taking up practically the entire length of the compact PL-606 cabinet (shown below), this long loopstick has proven its weak-signal effectiveness repeatedly in the larger model, allowing many PL-310 owners to take advantage of the narrow DSP filtering to receive their first transoceanic stations from North America.

The loopstick doubles as the PL-606 LW antenna, providing moderately sensitive reception of stations from 153- 513 kHz (which is somewhat less than the LW performance of the class-leading PL-310, which in turn is not quite competitive with that of the ICF-2010 and other large portables).

In addition to the relatively effective long loopstick, the PL-606 also has the external SW-FM antenna plug-in jack (also found on the PL-310 model) and a screw-on plastic clamp attachment to extend the length of the SW-FM whip antenna from the stock 21.25" up to 38.25". The Tecsun company does seem to have made extensive efforts for fairly competitive performance on all four bands, especially in such a compact package. In the intensely competitive ULR world the new PL-606 is likely to warmly received, and welcomed as a breakthrough in four-band DXing versatility.



Digital Tuning Functions The PL-606 features most of the advanced digital functions of the other Tecsun DSP models, with the exception of direct frequency entry (to conserve space, there is no keypad). Besides the ETM (easy tuning mode), ATS (auto-tuning storage) and Auto-scan modes, there are 550 station memories available, including 100 for the AM band. All of the standard Si4734 DSP chip capabilities are utilized, with display functions of frequency, RSSI, S/N, temperature (Celsius or Fahrenheit), clock, and battery condition. As in the other Tecsun DSP models, the tuning thumb wheel

operates with a dual rate (either 1 kHz or 9/10 kHz), depending upon the rotation speed of the operator's thumb. This system works somewhat differently than in the PL-310 model, with the PL-606's 1 kHz tuning rate sticking around unless the rotation speed is fast indeed—causing some owners



to feel that quick changes from the low band to high band are somewhat inconvenient (of course, placing several band-edge stations in memory would help to provide a quick solution). The PL-606 has four DSP filtering options available (6, 3, 2 and 1 kHz), dropping the somewhat superfluous 4 kHz filtering option available in the PL-310 and PL-380 models. Like the other Tecsun models the PL-606 also has an alarm function that can awaken you with either a buzzer or your favorite radio station, along with a snooze function.

Included Accessories The Tecsun PL-606 shipping package includes the radio, two AA rechargeable batteries, a USB connector cable (to charge the batteries from a computer), a plug-in LW and SW wire antenna, a screw-on extension to the SW-FM whip antenna (to extend its length from 21.25” to 38.25”), a soft carrying case and a wrist strap (attached to the radio). A colorful shipping box is also part of the package, which at the current time does not include the English Owner's Manual (usually sent by the eBay seller “Anon-co” as an email attachment, and is also available at the following link: <http://www.mediafire.com/?msaeidp58598crt>).

Four Band Performance Comparisons The new PL-606's AM sensitivity and selectivity was thoroughly compared to that of the PL-310 and PL-380 models in daytime DX performance tests, in the typical suburban environment of Puyallup, WA (about 40 miles south of Seattle). Various fringe stations were used to accurately judge the performance of all three models, as well as the inconvenience of any “soft mute” signal drop off in weak-signal situations. Ratings are from 0 to 5, with “5” being the best possible rating

AM SENSITIVITY (All three models using the 2 kHz DSP setting)

<u>STATION</u>	<u>PL-606</u>	<u>PL-380</u>	<u>PL-310</u>
610-KONA	Fair (2)	Trace (1)	Fair (2)
650-CISL	Fair (2)	Trace (1)	Fair (2)
750-KXL	Good (3)	Fair (2)	Good (3)
810-KTBI	Fair (2)	Trace (1)	Fair (2)
980-CKNW	Good (3)	Fair (2)	Good (3)
1110-KBND	Fair (2)	Trace (1)	Fair (2)
1320-CHMB	Trace (1)	Nil (0)	Trace (1)
1550-KKAD	Good (3)	Fair (2)	Good (3)
1640-KDZR	Fair (2)	Trace (1)	Fair (2)

AM Sensitivity Summary: The new PL-606 model has weak-signal performance equal to that of the Ultralight class-leading PL-310, which is to be expected because of the identical loopsticks. Both of these models have a slight AM sensitivity advantage over the PL-380, with its smaller loopstick. However, because the PL-380's soft mute threshold is set at a less active level, there are fewer occasions of weak-signal drop out when using that model than with the PL-606 and PL-310. This leads to occasional rare situations where the PL-380 will maintain reception of weak stations while the PL-606 and PL-310 are silenced by soft mute.

AM SELECTIVITY (All three models using the 1 kHz DSP setting)

<u>STATION</u>	<u>PL-606</u>	<u>PL-380</u>	<u>PL-310</u>
560-KPQ	Slight KVI slop (4)	Slight KVI slop (4)	Slight KVI slop (4)
860-KPAM	Mod. KHHO slop (3)	(no reception)	Mod. KHHO slop (3)
960-KALE	No KJR slop (5)	No KJR slop (5)	No KJR slop (5)
1370-KAST	Slight KKMO slop (4)	Slight KKMO slop (4)	Slight KKMO slop (4)
1460-KARR	No KSUH slop (5)	(no reception)	No KSUH slop (5)

AM Selectivity Summary All three models have equivalent 1 kHz DSP filtering, which provides outstanding selectivity adjacent to local AM pest stations. The practical DXing benefit of this advantage is greater in the PL-606 and PL-310 models, however, because of their slightly superior sensitivity—which allows reception of weaker fringe stations adjacent to local pests. As shown, the PL-380 had difficulty receiving 860-KPAM and 1460-KARR, presumably because of its smaller loopstick.

LW Performance Test The new PL-606's LW sensitivity was tested against the PL-380 and PL-310 models by checking reception of weak-signal NDB beacons during evening hours (at 0530 UTC).

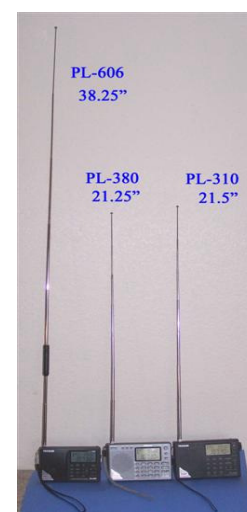
LW SENSITIVITY (All three models using the 2 kHz DSP setting)

<u>STATION</u>	<u>PL-606</u>	<u>PL-380</u>	<u>PL-310</u>
328-LAC	Nil (0)	Nil (0)	Trace (1)
350-NY	Trace (1)	Nil (0)	Fair (2)
368-SX	Trace (1)	Nil (0)	Fair (2)
371-ITU	Nil (0)	Nil (0)	Trace (1)
404-MOG	Fair (2)	Trace (1)	Good (3)

LW Sensitivity Summary Although the PL-606 shares the same loopstick with the PL-310, the latter model had a definite advantage in LW sensitivity during reception of these beacons (presumably because of different front end LW components). The PL-380 was noticeably less sensitive on LW than either the PL-606 or PL-310 models.

FM Performance Test Note: The PL-606 package includes a screw-on plastic clamp attachment to extend the length of the whip antenna from the stock 21.25" up to 38.25". According to the FM testing here, this does provide a significant boost for the radio's fringe FM station reception, although it is very important to ensure a solid electrical connection (inside the plastic clamp) between the stock whip antenna tip and the metal base tip of the extender antenna. When the PL-606 has this accessory fully extended (photo at right), the composite whip antenna is much longer than those of either the PL-380 or PL-310 models—resulting in superior reception of fringe FM.

The following tests were made to compare the FM sensitivity of the new PL-606 model (both with the stock 21.25" whip antenna, and also with the 38.25" extension) against that of the PL-380 and PL-310 models. The comparison tests were performed in the typical suburban environment of Puyallup, WA (about 40 miles south of Seattle), under normal FM conditions around local noon on November 27, 2010.



FM SENSITIVITY (All three models using the 2 kHz DSP setting)

<u>STATION</u>	<u>PL-606 (stock whip)</u>	<u>PL-606 (extended whip)</u>	<u>PL-380</u>	<u>PL-310</u>
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98.5—CIOC	Good (3)	Very Good (4)	Fair (2)	Good (3)
100.3—CKKQ	Fair (2)	Good (3)	Trace (1)	Fair (2)
102.1—KPQ	Fair (2)	Good (3)	Trace (1)	Fair (2)
103.3—KKCW	Trace (1)	Fair (2)	Nil (0)	Fair (2)
104.1—KAFF	Trace (1)	Fair (2)	Nil (0)	Trace (1)
107.3—CHBE	Fair (2)	Good (3)	Trace (1)	Fair (1)

FM Sensitivity Summary Without the whip antenna extension, the PL-606's FM sensitivity was found to be about equal to that of the PL-310 throughout the band, and slightly superior to that of the PL-380. With the 38.25" whip antenna extension the PL-606's reception of FM fringe stations was significantly increased, so that it provided better reception than the PL-310 (or any other Ultralight radio) on all FM frequencies.

SW Performance Test Once again, the PL-606 was tested against the PL-380 and PL-310 using both the stock whip antenna, and the 38.25" extended system. The Ultralight radio class SW reception leader, the Eton E100, was also included to provide relative reception comparisons. With the exception of 7.506-KTBN (received at 0230 UTC), all stations were received between 2215-2245 UTC in Puyallup, WA.

SW SENSITIVITY (All DSP models using the 2 kHz setting)

<u>STATION</u>	<u>PL-606 (stock whip)</u>	<u>PL-606 (extended whip)</u>	<u>PL-380</u>	<u>PL-310</u>	<u>E100</u>
7.506-KTBN	Fair (2)	Fair (2)	Fair (2)	Good (3)	Good (3)
9.980-KSDA	Good (3)	Good (3)	Good (3)	Good (3)	Very Good (4)
11.665-Radio Japan	Fair (2)	Fair (2)	Good (3)	Fair (2)	Very Good (4)
11.740-WYFR	Good (3)	Good (3)	Good (3)	Good (3)	Very Good (4)
15.115-WYFR	Fair (2)	Fair (2)	Fair (2)	Good (3)	Very Good (4)

SW Sensitivity Summary It's fairly obvious that the extended whip antenna fails to boost the PL-606's SW reception like it does on the FM band. All of the DSP models had fairly equal SW sensitivity throughout the spectrum, but the PL-310 and PL-380 excelled on one frequency each. The Eton E100 had unsurpassed SW reception on all frequencies, and should still be considered the Ultralight radio class leader on shortwave, despite its lack of DSP filtering.



The whip antennas' orientation and proximity to external windows made a significant difference in the SW reception results of all models, and although the PL-606 package does include a plug-in wire antenna for boosting SW and FM reception (and a cabinet jack for connecting it to the radio), this accessory was not tested during this radio comparison. Dedicated SW enthusiasts could probably use this accessory to provide PL-606 SW (and FM) reception results superior to those above, especially if the wire is strung in an elevated space, clear of obstructions.

Tecsun PL-606 Verdict Today's DSP-enhanced pocket radios provide AM-DXing capabilities that would have seemed like science fiction only a few years back. Whereas the original models like the PL-300WT were compromised by limited DSP selectivity and AM sensitivity, both of those shortcomings have been overcome. Tecsun's efforts to pack maximum DXing effectiveness into the smallest possible

cabinet have paid off, and the new PL-606 is a unique combination of AM sensitivity, selectivity and portability.

At \$39.95 (plus shipping) the radio is an outstanding value for either domestic or international AM-DXers, and is superbly prepared for either mission. The 1 kHz DSP selectivity from the Si4734 chip reduces domestic splatter to a very narrow minimum, while the generous 100 mm loopstick has already proven itself repeatedly with sensitive AM reception in the PL-310 model. By providing both capabilities in such a compact, inexpensive radio, Tecsun may well have created the ideal Ultralight model for travelers, or casual AM-DXers without external antennas.

The PL-380 model retains a slight edge over the new PL-606 for 9-kHz split DXers with effective antennas, primarily because of its less annoying soft mute threshold (which allows 1 kHz off-tuning without a severe DX signal drop off). Certain DXers may also prefer the direct-entry keypads in the PL-380 and PL-310 models, and the round tuning knob in the PL-310.

LW-DXers will probably still prefer the PL-310 because of its sensitivity advantage (and simple LW selection process), but FM-DXers will probably be quite impressed with the PL-606's innovative screw-on whip antenna extension, which performed quite well in the relative tests here. Like the PL-310 model, the PL-606 also does include a plug-in jack for connection of external FM and SW antennas, which should continue to encourage antenna experimentation among Ultralight radio enthusiasts on both bands.

Finally, the compact portability of the new PL-606 makes it very easy to pack along in a shirt pocket, purse, or most anywhere else. Tecsun's generous accessory package certainly augments the value of the \$39.95 purchase, with the two rechargeable AA batteries, and the USB cable for charging from a computer. The plug-in FM/ SW wire antenna is also useful, as well as the innovative screw-on whip antenna extension. The entire package seems like a timely bargain as the holiday season approaches, and should provide plenty of four-band DXing excitement this winter for dedicated Ultralight radio enthusiasts, as well as those wishing to try out one of the fastest growing segments of the AM-DXing community!



73 and Good DX to All,
Gary DeBock

ADDITIONAL RESOURCES

PL-606 Owner's Manual (courtesy of Anon-co)
Tecsun PL-606 "First Impressions" Article

<http://www.mediafire.com/?msaeidp58598crt>
<http://www.mediafire.com/?qp24b5b4pfjuj6s>

NORTH AMERICAN NEWS

✉ Sand Gap, Bursea, Holme-on-Spalding Moor York YO43 4DF

with Andrew Brade

e-mail: na-news@mwcircle.org

Hello again.

Here is what's been happening on the North American AM dial. May I express my gratitude to the organisations which make this summary possible? Thanks this month to: - IRCA, NRC DX News, FCC, CRTC, DXLD, DX Mid-America.

It has been a quiet month with few changes, some of the more notable ones are listed below:



- 570 KVI** Seattle, WA - Becomes an oldies station (from talk) with slogan "Seattle's Greatest Hits"
- 720 WGCR** Pisgah Forest, NC - this Christian-format station increases their daytime power from 10kW to 50kW. Perhaps a Euro daytimer target? (although on 720 this may be unlikely!)
- 1260 WI3XSO** Aguadilla, PR - increases power to 5/4.8kW (relays 680 WAPA)
- 1590 KCNN** East Grand Forks, MN - Format change from Sports to Rock, in parallel to 107.9 FM
- 1640 WTNI** Biloxi, MS - Applies to reduce their tower height by one half pending replacement with a new tower in due course.

Full details follow.

CANADIAN RADIO NEWS

From IRCA and NRC

OFF THE AIR

- 1020 CKVH High Prairie, AB Reported off the air 10th November 2010
- 1220 CHSC St. Catharines, ON CHSC lost their right to appeal against the CRTC decision ordering them off the air. Went dark on 1st Oct 2010.
- 1270 CFGT Alma, QC Signed off the air without utilizing the authorized 90 day simulcast time granted for FM flip to 104.5.

GRANTED AM TO FM CONVERSIONS

- 1400 CKGR Golden, BC Move to 106.3 with 890W(format will remain AC) (will partially simulcast CKXR 91.5 Salmon Arm with local programming 42 hours per week)

USA RADIO NEWS

CALL LETTER CHANGES

- | FREQ | OLD CALL | CITY | NEW CALL |
|------|----------|----------------|----------|
| 570 | WTNT | Bethesda, MD | WSPZ |
| 730 | WXTR | Alexandria, VA | WTNT |

1340	KEBC	Midwest City, OK	KGHM
1430	new	North Las Vegas, NV	KCWK
1470	WRWB	Huntington, WV	WNBL [WNBL has a CP to move to 1200 kHz]
1490	new	Malstrom AFB, MT	KGFR
1560	KOCY	Del City, OK	KEBC

SLOGAN/IMAGE CHANGE OR UPDATE

FREQ	CALL	CITY	SLOGAN UPDATE
570	KVI	Seattle, WA	"Seattle's Greatest Hits"
1150	WXKO	Ft. Valley, GA	"Power 107.1"
1340	KGHM	Midwest City, OK	"1340 The Game"
1570	WANR	Warren, OH	"1570 The Blizzard"
1590	KCNN	East Grand Forks, MN	"Rock 107.9"

FORMAT CHANGES

FREQ	CALL	CITY	OLD INFO	NEW INFO
570	KVI	Seattle, WA	Talk	Oldies
620	WZON	Bangor, ME	Sports	Talk // 103.1
730	WTNT	Alexandria, VA	Sports	Talk
740	WJIG	Tullahoma, TN	S. Gospel	Reported Silent
950	KRRP	Coushatta, LA	E-Z Listening	Reported Silent
980	WXLN	Groton, CT	Tropical	News - Talk
1150	WXKO	Ft. Valley, GA	Silent	R & B - // WFXM 107.1
1170	WKFL	Bushnell, FL	Sports	Country
1230	KSIX	Corpus Christi, TX	Sports - ESPN	Sports - SNR
1230	WODI	Brookneal, VA	AC	Oldies
1240	KSOX	Raymondville, TX	Sports	Spanish Religion
1390	WNIO	Youngstown, OH	Standards	Sports - Fox
1410	WNGI	Mobile, AL	Silent	Religion
1440	WWCL	Lehigh Acres, FL	Silent	Spanish Religion // WWRV 1330
1570	WANR	Warren, OH	Sports	Classic Hits
1570	WTAY	Robinson, IL	AC	Sports - ESPN
1590	KCNN	East Grand Forks, MN	Sports	Rock // K300BG

FACILITY AND PARAMETER APPLICATIONS / GRANTS

(A) = application, (G) = grant, (D) = Dismissed

540	WASG	Daphne, AL	License to cover application returned
550	KTZN	Anchorage, AK	CP granted for U1 3100/5000, as they relocate to the (taller) tower of co-owned KENI-650.
560	KLZ	Denver, CO	License modification to 5 K / 5K DA-1. (G)
610	WLVE	Winchester, VA	Returns to air under a Special Temporary Authorization (STA) utilizing a long wire non-directional antenna at 25% of authorized directional power [which means U1 125/125] to be located at the tower site of co-owned FM stations WKSI-FM and WUSQ-FM.
630	WNEG	Toccoa, GA	Licensed for U1 500/44, WNEG has a CP for U1 5000/44. This amendment requests U2 5000/220.
670	KMZQ	Las Vegas, NV	CP granted for U4 25000/600. (G)
680	WMFS	Memphis, TN	Applies to replace one tower. (A)
720	WGCR	Pisgah Forest, NC	Increase their daytime power to become D1 50000/0 CH 15000. (G)
750	WNDZ	Portage, IN	Application to change their City-of-Licence to Calumet City, Illinois dismissed. (D)
800	KBRV	Soda Springs, ID	Move from 790 50 KW, application DISMISSED
850	WAIT	Crystal Lake, IL	Application to change their City-of-Licence to Addison dismissed. (D)
860	WWDB	Philadelphia, PA	Construction Permit for D4 10000/0 CH 10000. dismissed - WWDB remains D3 10000/0. (D)
860	WWDB	Philadelphia, PA	License to cover 10K /DAY DA-D (G)
860	new	Black Hawk, SD	Applies for U7 50000/350 CH 22000. (A)

890 KLFF Arroyo Grande, CA CP for U4 12000/12000 dismissed at applicant's request. KLFF remains U2 5000/5000 with a CP for U4 5000/5000. CP granted for U4 5000/5000. The new day pattern is a circle based at Arroyo Grande (essentially non-directional) and a new night pattern remains unchanged (large circle to the southwest) except for three very small lobes off the back directed to the northeast, east-northeast, and east-southeast, better serving the city-of-licence. Due to storm damage to the transmission lines, KINA is operating under a Special Temporary Authorization (STA) with D1 125/0.

910 KINA Salina, KS Licence to cover 5K / 5 K DA-2.(G)

910 WSBA York, PA License to cover 1 K / 250 DA-2 (A)

940 KDIL Jerome, ID Licence to cover 1K / 250 DA-2.(A) 1060 WCOK Sparta, NC Applies for D1 1100/0 CH 1100, increasing the daytime power and adding the CH designation. (A)1050 KLOH Pipestone, MN Application to change night power to 410 from 432 applied for and dismissed. (A) and (D)

1060 WCOK Sparta, NC Increase day from 800 to 1.1 K (A)

1060 WQOM Natick, MA Minor mod to 50 K / 2.5 DA-2 (from 40 K) (G)

1110 KVTM Mineral Wells, TX License to cover for 50 K / 39 K CH DA-2 (G)

1110 WGNZ Fairborn, OH Modify CP 5K/1.7K CH DA-3 add 2W at night. (A)

1120 new Peralta, NM U7 50000/250 CH 28000. (A)

1160 WYLL Chicago, IL Applies for AUX Daytime site at current night site. Will be 15 K. (A)

1190 KQQZ Fairview Heights, IL CP to move from DeSoto, MO 10 k / 650 DA-2 (G) (CoL announced as University City, MO-EiC)

1190 WWIO St. Mary's, WV Application dismissed for D1 1000/0. WWIO remains D1 1800/0. (D)

1220 new Lakeville, NY U4 2500/2500. (A)

1230 WGUY Ellsworth, ME Applies to modify CP to shared site with WWNZ 1400 Will be 1 K / 640 NDA.(A)

1230 KKPC Pueblo, CO CP granted for U1 1000/1000 [unchanged] after they build a new slightly shorter tower after demolition the current tower. They claim their current tower "is leaning and the turnbuckles are rusted, preventing re-alignment. The tower is in an unsafe condition." (G)

1230 new Beaver, UT New station 1 K / 1 K NDA (A)

1230 new Summersville, WV New CP for 1 K / 1K NDA (G)

1240 new Prescott, AZ U1 1000/1000 from a 90' tower. (G)

1250 WBRM Marion, NC Applies for new site 5 K / 51 NDA. (A)

1260 WSHU Westport, CT Applies for new site, duplexed with WFIF 1500 asks for 1 K / 9 DA-2.(A)

1260 WFJS Trenton, NJ CP to modify 5K / 2.5 DA-2 (G)

1260 WI3XSO Aguadilla, PR Licensed for U5 2500/850, WI3XSO had a CP for U4 2500/4800 and amended the request to U4 5000/4800, which has been granted. (G)

1280 KRZE Farmington, NM Licence canceled and call deleted. (D)

1290 WCHK Canton, GA Is operating under an STA with U1 2500/125 from a temporary tower. WCHK has lost the lease of their tower site and is in the process of securing a new one.

1340 KRMD Shreveport, LA Applies to replace tower.(A)

1340 new Bethel Heights, AR U1 1000/1000. (A)

1360 KBUY Ruidoso, NM CP for U1 9000/201 dismissed. KBUY remains U1 5000/201. (D)

1360 WMOB Mobile, AL Applies for new site 9 K / 200 DA-2. (A)

1370 WHYP Corry, PA Licence canceled and call deleted. (D)

1380 WTMC Wilmington, DE Applies for AUX site 250/14 NDA. (A)

1380 WFNW Naugatuck, CT Asks to re-instate expired CP for 3.5K/35 DA-2

1420 WKPR Kalamazoo, MI Move to 1440 kHz with U1 2700/24 (A)

1430 KZQZ St. Louis, MO Minor change to 50K / 5 K DA-2. (G)

1430 WCWC Williamsburg, KY Licence to cover 5.7 K / 32 NDA (G)

1440	WKPR	Kalamazoo, MI	Move from 1420. 2.7K/24 NDA. If granted WDOV 1440 Dowagiac will cease operation and surrender its licence (A)
1450	KVSL	Show Low, AZ	Applies to move to 1470 kHz with U1 1100/80.
1460	KBRZ	Missouri City, TX	Application to increase to 10 K DAYS dismissed
1470	KFMZ	Brookfield, MO	CP for U4 5000/50 on 1210 kHz dismissed. KFMZ remains here with U4 500/20. (D)
1480	WEEO	Shippensburg, PA	Is operating under an STA with U1 406/9 as their VALCOM antenna 'has failed and is unrepairable'. They are operating 'using a grounded 45.7 m (150 ft) AGL temporary mast equipped with three wire symmetrical folded unipole excitation'.
1490	new	Lemont, PA	U1 1000/270 from a 125' tower. (G)
1510	WQQW	Highland, IL	Licensed for D3 1000/0, WQQW has a CP for D3 5000/0. In addition, they have applied for D4 1000/0 CH 1000 on 1530 kHz moving to University City, Missouri. This request is for D4 3300/0 CH 3300 on 1530 at University City.
1520	WEXY	Wilton Manors, FL	Licence to cover 5 K / 800 DA-N (G)
1520	WMLM	St. Louis, MI	CP for 1K/1K DA-2 (G)
1540	WKVQ	Eatonton, GA	Licence to cover 10 K / 1.6K CH (A) and (G)
1550	new	Golden, CO	U2 5000/250. (A)
1550	WZRK	Northbrook, IL	CP granted for D1 1500/0, moving from Lake Geneva, Wisconsin. (G)
1560	new	Wolfforth, TX	Application for 500 DAYS DA-D dismissed (D)
1580	KWED	Seguin, TX	Change to new site - application dismissed (D)
1600	KATZ	St. Louis, MO	Minor mod to 6 K/ 3.5 K DA-2 (G)
1640	WTNI	Biloxi, MS	Applies to reduce the height of its tower by approximately one-half. WTNI uses one of the towers formerly used by its predecessor, WVMI on 570, and is 206.5 electrical degrees in height at 1640 kHz. Due to the degradation to the tower caused by conditions near the Gulf Coast, WTNI is operating on an STA with U1 2500/1000 (G), and is planning to replace the tower in the near future. They have filed for an STA to operate at reduced power while the tower is being dismantled and a replacement structure is being constructed. (A)

CONSTRUCTION PERMITS ON THE AIR

The following CPs are on the air:

940	KDIL	Jerome, ID	U4 1000/250.
1110	KVTT	Mineral Wells, TX	D4 50000/0 CH 39000.
1170	WLEO	Ponce, PR	U1 200/200 is on the air after moving to a tower adjacent to the old structure. Since the new tower is taller than the one formerly used, a power decrease from the former 250 Watts was necessary.
1200	WNBL	Huntington, WV	(ex: 1470) U1 22000/9 CH 8000.
1270	WNLS	Tallahassee, FL	U1 5000/110. This action decreases their nighttime power as they go non-directional.
1350	KDZA	Pueblo, CO	U1 1300/150 moving to the #1 tower of co-owned KCSJ-590.
1390	WOHS	Shelby, NC	U1 700/16 after moving to the former tower of WZGV-730 (now moved to Cramerton).
1430	WCWC	Williamsburg, KY	Now licensed for U1 5700/32. Last reported as silent. So this may 'signal' their return.
1520	WEXY	Wilton Manors, FL	U2 5000/800.
1540	WKVQ	Eatonton, GA	D1 10000/0 CH 1600.

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

Andrew

CENTRAL AMERICAN NEWS

with Tore Larsson ✉ Frejagatan 14A, SE-521 43 Falköping, Sweden
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Cuba

861 Radio Reloj, Colón, Matanzas heard on this fq in Florida in October and November.

Terry L Krueger via DXLD

From Radiocuba 2009 list:

1620 Two txs on 1620. One in Guantánamo serving Radio Rebelde with 1 kw. Another in Guanabacoa (Cdad. de La Habana) with 5 kw but labeled "Radio Cadena Habana". Obviously both working for Radio Rebelde now.

Mauricio Molano

Mexico

1700 XEPE San Diego - It has been rumoured that XEPE 1700 AM will change it's current talk format ("The Talk of San Diego") to all-sports (=ESPN). In fact on Radiotime.com pages it's already called "ESPN Radio 1700". The station has a website at <http://www.sandiego1700.com/>

San Diego Union Tribune & Radiotime.com via finndxer 15.10.2010

1470 XERCN Tijuana now relays China in Spanish 12 hours a night, 6 pm-6 am (PDT/PST). via DXLD

Netherlands Antilles (former)

From Sunday October 10th the West Indian autonomous province of the Netherlands Antilles has ceased to exist. Two of the five islands, Curaçao and Sint Maarten, then were given an independent status within the Kingdom of the Netherlands, while the other three, Bonaire, Saba, and Sint Eustatius, became communities within the Netherlands. As a result, Curaçao and Sint Maarten now have the same status within the Netherlands as the adjacent Caribbean island of Aruba with their own parliaments and governments and their own currency.

TT – Tidningarnas Telegrambyrå

SOUTH AMERICAN NEWS

with Tore B. Vik ✉ Kirkåsveien 15, NO-1850 Mysen, Norway
e-mail: sa-news@mwcircle.org ☎ +47-69891192

Argentina

740 R. Ciudad de Lanús, Lomas de Zamora - from 1320 Marcelo A. Cornachioni
750 Radio AM750 – new station “no oficial”. Address: Venezuela 370, 2º piso, (C1095AAG)

CA Buenos Aires. Web: www.radioam750.com.ar – e-mail: www.radioam750.com.ar

Marcelo A. Cornachioni

1510 de La Radio de las Buenas Nuevas – new station “un-official”. Address: Calle Ejército los Andes No 5, Barrio de Villa Fiorito (Banfield Oeste), Partido de Lomas de Zamora, Provincia de Buenos Aires. E-mail: rbn_am1510@hotmail.com Marcelo A. Cornachioni

Fantástico FM 91.9 has begun simulcasting on 1700 kHz AM. and the station has been heard as far away as Finland.

Brazil

1110 ZYJ471 R. Record, Campos dos Goitacazes (RJ23) – ex. R. Cultura

web

Colombia (ed: TL)

1140 HJCL R. Panamericana, Girardot, ex R. Girardot.

Lars Bygdén

WORLD NEWS

(Europe, Asia, Africa)
with Ton Timmerman

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

Hello radio friends,

As I write these words snow is covering a big part of Western Europe. It is nice for our children to play but is giving chaos in traffic. Happily the snow is not infecting MW-DX-ing and in our shack it is nice and warm. Receivers are glowing in the dark and those soft DX-sounds from the other side of the globe reach our ears. Ergo: We must be very happy....

India

Indian broadcast staff plan second strike. Employees of India's national broadcasters, Doordarshan (DDI) and All India Radio (AIR), are planning a second strike following a two-day> stoppage this week. They are demanding the repeal of the Prasar Bharati Act, which they say gives the broadcasters autonomy only in day-to-day matters, without financial viability, the Business Standard reports. Prasar Bharati, the national broadcasting corporation, oversees the two organisations. "There is no money to upgrade infrastructure at Prasar Bharati. Our office buildings are in shambles. Prasar Bharati is not financially viable. We want to function as independent media units but under the government", S Anilkumar, Chairman of the National Federation of Akashvani and Doordarshan Employees, said.

The federation described the strike on Tuesday and Wednesday as a resounding success, saying 1,700 of DDI's 1,800 stations had gone off the air. Official sources said the operations of DDI and AIR were 'badly affected', the Hindustan Times reports. DDI's Director General, Aruna Sharma, told the Press Trust of India that four regional centres stopped operating during the strike but that the News channel and the Asian Games telecast continued to air as usual. The federation said the next strike would last for three days from 13 December. (*Andy Sennitt via Steve Whitt*)

Jamming

Recently a strong jamming signal has appeared on the USB of 1377kHz. I think I just noticed the jammer sign-off at 2003utc 9/11/10. Can members get an approximate direction so that we may pin down the country of origin? It seems to be SE of the UK & Netherlands, so some direction measurements from Italy, Russia, Eastern Europe, Greece would be really helpful. Can anyone help? (*Steve Whitt*)

I think Gavar tx has a problem, giving this bubble jammer -like sound. (*Mauno Ritola*)

1377 kHz: This might be possibly the case. I think I heard the "jamming" disappear at 2003utc and EMWG lists programming at Gavar end at 2002utc. However EMWG also lists transmission from 2115-2300utc. But the "jammer" did not reappear. So is EMWG schedule accurate? Or does Gavar use a different tx for this later transmission? Or is the noise from another transmitter? (*Steve Whitt*)

In Holland the jammer and the jammed station can be heard from 1430-2100 UTC. The jammed station is best readable on 1374 kHz, even though it transmits on 1377 kHz. Sometimes they broadcast in Russian, but mostly in Farsi. Sometimes they relay Farsi broadcasts by Transworld Radio (with the usual TWR interval signal). I think either Iran or friends of Iran are jamming the Farsi broadcasts. Bearing of the jammer is 090 degrees (my QTH is 10 miles South of Amsterdam). (*Joost de Groot, direct*)

Netherlands

The Dutch-based mediumwave transmitter of commercial radio station Big L on 1395 kHz is currently off the air. According to the station's website, "Due to a technical generator problem there is no AM at the moment. As soon as we have more news, we will inform you. It's 2010 and the Big L still can't get electricity in the middle of Lake IJsselmeer." (*Media Network*)



The latest news from beleaguered radio station Big L, which normally broadcasts from a mediumwave transmitter at Trintelhaven in the Netherlands on 1395

kHz, is as follows according to the official website: "The old generator cannot be repaired, so we send it on vacation. After all these years of hard working it ended for our 'Green Genny' under the Big L mast in Lake IJsselmeer. We will install a brand new generator! The Big L will soon return on 1395, that's a promise!!" (*Media Network*)

Big L on 1395 kHz: We have tested this morning and early in the afternoon, the new generator is on the TX site. But when we arrived this morning we saw that the audio equipment was stolen out of the container, so they have to modify the alarm system and re install the new equipment now. So hopefully tomorrow, but we have seen some more delays in the past. Fingers crossed. (*Eric van Willegen via Mediumwave.info*)

Portugal

1035 Star FM, Belmonte (Benavente)... a new station? No, just another MCR [stn owner] fantasy on the air; this happens to be the new ID of a new (...) stn that, following a mid JUL'10 announcement by MCR, would "soon" replace the former Radio Club Portugues. I first heard them using this ID this monday, the 22nd. As far as I can hear, the format was kept pretty much the same, i.e. an oldies stn, but they reported to me a week ago, that more talks were planned for the slightly new format under this new name. Now, why bother to change, and why on earth a silly foreign name? Station names using the format "radio club X" are already silly enough as they may suggest there is actually a club of some sort behind it! (*Carlos Goncalves via Mediumwave.Info*)

Switzerland

Peter Galliker of Radio Gloria (www.radiogloria.ch) just informed me that they plan to broadcast on 1566 kHz AM from Switzerland for a couple of days, starting around mid-December. This will be low power tests (around 250 Watts), also for checking the field strength for future activities. Currently they are waiting for the final decision from BAKOM, the Swiss frequency authority. More info soon.

Another project of Radio Gloria is to reactivate 6085 kHz AM from Germany (QTH Kall-Krekel, www.classicbroadcast.de): broadcasts will be heard from 0800 to 1400 UTC on November 28, December 5, 12, 19 and daily from December 24, 2010, till January 2, 2011. (*Harald Kuhl*)

Recently Sweden left MW and there is little time left for Switzerland: FAQ from RSR Switzerland: "I can not listen music option on medium waves. The transmitter of Sottens is it still running?" On 5 December 2010, the transmitter will be decommissioned. If you listen to Music Option AM (amplitude modulation) / OM (MW), frequency 765 KHz, please select one of the following options: Option Musique broadcasts on FM in Valais and Geneva on cable, DAB+ and Internet throughout Switzerland. This program is also broadcast by satellite. To take advantage of

programs in Digital Music Option, opt for a DAB + digital radio available in all stores. Connect your device and it automatically makes the adjustment of radio programs. In seconds, you already listen to music in digital quality option, and our other channels. More explanations on the website or radionumerique.ch dab.rsr.ch. (*Steve Whitt*)

Voice of Russia signalled its interest in using a mediumwave frequency in Switzerland. They're the only interested broadcaster at all. <http://www.kleinreport.ch/news/voice-of-russia-hat-interesse-an-schweizer-mittelwellenfrequenz-62434.html> (Ignore the remarks about DAB in Berlin; this poor relay of the 693 kHz feed, plagued by pronounced cascading problems, i.e. bad artifacts, has been taken off already some time ago.) No further details given. Most obvious candidate would be the 765 kHz transmitter in Sottens which SRG/SSR will leave this Sunday (Dec 5) at 2259 UT. There should be no obstacles, others than in the field of broadcasting regulation, to firing it up again with another program input. 558 kHz could be possible, too, I think it was not too long ago that this transmitter showed signs of live and was on air with a test tone. Beromünster could be difficult due to all the EMV hassle and hysteria there, although it was kind of a welcomed excuse for cancelling 531 kHz.



Beromünster

While looking up the matter I found this collection of pictures and recordings from Swiss broadcasting history, featuring also the Schwarzenburg, Beromünster and Sottens shortwave facilities: http://www.sarganserland-walensee.ch/radio_tv_historisch/index.htm (Kai Ludwig via DXLD)

Turkey

TRT have been tentative broadcasting in the 702 kHz Istanbul Catalca transmitter The Voice of Turkey in Turkish. Then now cancelled. But now Turkish Radio and Television Corporation have medium wave stations are already served as following (times are UTC)

Istanbul/Catalca 702kHz, Radio-1, 04.00-08.00;

Izmir 927kHz, Radio-4, 07.00-16.00;

Diyarbakir 1098 kHz, Radio-6, 04.00-15.00;

Antalya 891 kHz, Regional/Radio-4, 05.00-14.00;

Mersin/Cukurova 630 kHz, Regional/Radio-4, 05.00-14.00;

Trabzon 954 kHz, Regional/Radio-4, 05.00-14.00

TRT Medium Wave broadcasts also via internet as following link;

<http://www.trt.net.tr/Canli/canli.aspx?kanal=RADYO1&slv=0>

(*Mustafa Cankurt via Mediumwave.info*)

THE HOME FRONT

[British & Irish News]
with John Williams

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

BBC News

BBC WM Celebrates 40 years on air

10 November, 2010

ONE of the region's best-known radio stations celebrates a landmark 40 years on air today. And BBC WM – which began life as BBC Radio Birmingham – is bringing back a nostalgic line-up of ex-presenters to reflect on its four decades in the business.



Current hosts including Ed Doolan, Phil Upton and Joanne Malin will be joined by former presenters Les Ross, Malcolm Boyden and Alan Dedicoat to take a look at how the region has changed since the station's was launched. The broadcasters will look back on how the station covered a range of stories over the years, including the Birmingham Pub bombings, Aston Villa's European Cup conquest and

the visits of world leaders.

The station went on air on 9 November, 1970, broadcasting from its old home, the Pebble Mill studios in Edgbaston. It moved 2004 to BBC Birmingham's new home in the Mailbox from where BBC WM stalwart Ed Doolan was the first person to broadcast. The station originally broadcast on 206m (1458 kHz) (via Steve Whitt)

BBC locals to share programmes

Five BBC local radio stations are to try out sharing programmes on weekday afternoons, ahead of a longer-term plan to have regional shows in daytime. In an email to staff in the English Regions, controller David Holdsworth announced that three stations in Yorkshire and three in the South East would be the first to pilot the idea of networking between neighbouring stations.

David told staff: "When the BBC published its strategy review in the spring we said that our main aim was to strengthen content and journalism at breakfast and mid-mornings by spending more on those programmes. This was a key recommendation of the Local Radio task force which Editors were involved in. We have made good progress but resources are finite and we are looking at the impact of reducing the amount of other local output to free up enough people and time to improve these morning shows where the biggest audiences tune in."

Daytime sharing will be tested in Yorkshire across Radio Sheffield, Radio Leeds and Radio York which will have one afternoon show presented by Liz Green from February 2011. At Radio Kent and BBC Sussex and Surrey, the drivetime show will be presented by Dominic King and will start next month on Monday 6 December 2010. The pilots will last for six months.

We're told that staff freed up from working on these programmes will be redeployed in their own stations with the aim of strengthening the production and newsgathering effort for breakfast and mid-morning.

David says: "We need more production effort and we know that there simply isn't any more money available to allow us to add extra people onto the payroll. So we need to redirect resources to these programmes to strengthen our journalism. This trial will allow us to assess the market impact and the audience reaction to the extension of the current practice of BBC Local radio regional sharing in other parts of the schedule."

In an email to staff, leaked to RadioToday.co.uk, David also said: "Rest assured, we are not reducing the budgets of these stations, but we are re-organising in order to re-direct some people effort."

Most BBC local radio stations already share programmes with neighbouring stations in the evenings, with regional programmes produced normally at the main BBC regional centre where that region's television output comes from.

This trial looks like it could be a way of coping with major budget cuts at the corporation, but in his email to staff, David suggests that more regional networking isn't likely to follow. "Being local and serving local communities is at the heart of our mission and these pilots are not a signal that we want to change that overall direction," he said.

Founder Member of BBC Radio Stoke Dies **10 November, 2010**

One of the founders of BBC local radio who helped set up BBC Radio Stoke has died after a battle with cancer. John Abberley - known as Abbo - joined the BBC in 1967 to help launch the station in his home city. He was also one of Stoke-on-Trent's best-known columnists, working at the city's Evening Sentinel both before and after his time at Radio Stoke. The 78-year-old was diagnosed with oesophageal cancer last year.



Former colleague Ali Bushnell said: "When I first started working at BBC Radio Stoke, back in 1986, John 'Abbo' Abberley was already a legend. So you can imagine what it was like for me to be working alongside him. He was so much fun. A gentleman who always asked how you were, stopped for a chat and generally made your working day memorable. He really was a pioneer local radio and someone who shall live in the hearts forever of those who have had the honour to work with him during his long career."(via Steve Whitt)

RSL & LPAM News

The following clubs' broadcast their home games as follows:

Football Club	Station	March fixtures	April fixtures
Crystal Palace	Palace Radio 1278 kHz	11 Hull 26 Norwich	3 Coventry 22 Swansea
Blackburn	Radio Rovers 1404 kHz	4 Wolves 18 West Ham 26 Stoke	5 Liverpool 22 West Brom

* Evening game

Garrison to go for BFBS contract **11 November, 2010**

Garrison Radio is putting itself forward to take over the contract to provide official broadcasts to British Forces when the current one ends in 2013. The new deal - to replace BFBS' existing agreement - will require the winning bidder to provide audio and visual media to UK forces throughout the world.

Garrison Radio has submitted an expression of interest to the Ministry of Defence and intends to tender for the 'Future Forces Broadcasting' contract when it is offered in the New Year. The current radio and TV operations across the globe - and a UK-wide digital radio station - are provided by BFBS at the moment through the services' charity SSVC.

Garrison Radio was founded by former Radio 1 DJ Mark Page in 2001 and now broadcasts to bases throughout the UK on FM and AM in Aldershot, Catterick, Colchester, Edinburgh, Salisbury Plain, Bassingbourn, Glencorse and Wattisham. The private company was formed when the army decided

it wanted to have its own radio service for its troops based in Britain as part of an army communications initiative. Garrison Radio says it puts an emphasis on bringing army news to soldiers, their families and the wider army community.



From 2013 the new company will be expected to provide audio and audio-visual media to UK forces around the world, including those on board ships and serving in some of the world's toughest environments. As well as news and content of particular relevance to the military the broadcaster will be expected to provide the same variety of entertainment as would be received on TV and radio at home, including sports, soaps, dramas, music and movies.

We understand Mark Page is currently in discussion with a number of potential partners in the television, radio and telecommunications industries with a view to forming a high-tech consortium to bid for the contract.

He told RadioToday.co.uk: "This is an opportunity to re-think how we provide relevant entertainment and news to our forces – whether they are deployed in the field or based here at home. They deserve the best we can give them – and that is a technological as well as an editorial challenge, so we're keen to hear from anyone who thinks they could help." (www.radiotoday.co.uk via Steve Whitt)

IRISH NEWS

Spirit Radio extra transmitters

In addition to the planned medium wave outlet in Athlone on 612 kHz (100 kW), new Irish broadcaster Spirit Radio plans additional 25 kW medium wave transmitters at Lifford on 549 kHz serving the north of Ireland, and at Macroom on 675 kHz serving the south of the country.

FM transmitters are planned for Dundalk, Drogheda, Navan, Naas, Newbridge, Bray, Carlow, Kilkenny, Wexford, Ennis, Sligo, Letterkenny, Clonmel, Killarney and Trale, though the dates when these will come on the air have not been disclosed. (Source: RS/Radio.NL, Media Network by Andy Sennitt)

Launch is set for 27th January 2011 in Dublin, Cork, Limerick, Galway & Waterford according Sprit Radio website.

RTE gets green light to redevelop Donnybrook site

Ireland's public broadcaster RTE has been given the go ahead from An Bord Pleanála (the planning authority) for a multi-million euro redevelopment of its Donnybrook site in Dublin 4. Project 2025 will involve housing all of RTE's facilities in one purpose built complex, including five television studios and a public plaza.

A planning hearing was told that the redevelopment is necessary to allow RTE to adapt to the digital and high definition age, which cannot be done within existing facilities. There were objections from the nearby German Embassy as well as financier Dermot Desmond and other local residents.

It will mean the construction of three blocks of broadcasting facilities covering around half of the campus and rising to a height of nine storeys. It will also result in the demolition of the radio centre as well as the multi-storey car park.

The project involves up to 15 years of construction in five stages and the board have granted a 10-year planning permission to commence work because of the size of the development and the need to maintain broadcasting.

EUROLOG

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kHz	Station, location; details heard etc	SIO	UTC	Date	Who
189	Ríkisútvarpid Rás 1+2, Gufuskálar, Talk	333	0520	27/10	FW
585	Rado Nacional, Majadahonda (Madrid), ID, Talk, news	444	1850	21/11	HS
594	Rádio Sim (R.Renascença group), Muge, Talk	333	2240	12/11	FW
621	RTBFI, Waver-Overijse, ID, telk, music, news	555	1442	21/11	HS
639	Ceský rozhlas 2/6, various, Folk Mx	444	0215	25/10	FW
648	BBC World Service, Orfordness, ID, News	444	2300	26/10	FW
648	BBC World Service, Orfordness, ID, talks, sports	444	1434	20/11	HS
648	Radio Murski Val, Nemcavci. Music Px	222	2310	26/10	FW
658	Rai Radio 1, various, ID, News	333	2300	27/10	FW
666	SER Radio Barcelona, Sant Boi de Llobregat, ID, News	333	2300	28/10	FW
666	Antena 1, various, Music Px	222	2310	28/10	FW
675	Radio Maria, Lopik, ID, religious px/music	555	0643	22/11	HS
684	Radio Nacional, Dos Hermanas (Sevilla), ID, News	333	2300	29/10	FW
684	Radio Beograd 1, Bobovište, Music Px	222	2310	29/10	FW
693	BBC Radio 5 Live, various, ID, News	333	0200	2/11	FW
702	Radio Devin, Košice – Čižatice, ID, News	222	0200	5/11	FW
711	France Info, Rennes-Thourie, ID, News	333	0200	9/11	FW
711	COPE Radio Murcia, Talk	222	0210	9/11	FW
720	BBC Radio 4, various, Report	222	2250	10/11	FW
720	WDR 2, Langenberg, ID, News	444	2300	10/11	FW
729	On3radio, various, ID, Music	333	2300	11/11	FW
729	Radio Nacional, various, News	222	2305	11/11	FW
729	Radio Nacional, various ; ID, music, talk	333	1904	27/10	HS
738	R. Nacional, Palau de Plegamans (Barcel.), ID, News	333	2300	14/11	FW
747	Radio 5 Nostalgia, Zeewolde (Flevoland), ID, News	444	2300	15/11	FW
756	Deutschlandfunk, various, ID, News	444	2000	15/11	FW
765	R. Suisse Rom. Option Musique, Sottens, Music Px	444	2015	15/11	FW
774	Radio Nacional, various, ID, News	222	0200	17/11	FW
774	BBC Radio 4, various, BBC News	333	0205	17/11	FW
783	MDR Info, Leipzig-Wiederau, ID, News	444	0200	18/11	FW
783	Rock y Gol Radio Miramar, Ctra. Consería, Talk	222	0210	18/11	FW
792	NDR Info, Lingen, ID, News	444	2300	18/11	FW
792	France Info, Limoges-Nieul, News	222	2303	18/11	FW
801	On3radio, various, Music Px	444	2302	19/11	FW
801	BBC Radio Devon, Barnstaple, Talk	222	2308	19/11	FW
810	BBC Radio Scotland, various, ID, News	333	2300	20/11	FW
810	Radio Skopje 1/Ext. Service, Ovce Polje, Folk Mx	333	2310	20/11	FW
1035	Radio Clube, Lisbon; pop mx, "the house of the rising sun"	444	2152	18/11	LB
1062	Country Radio, Zbraslav, Country Mx	333	0630	17/11	FW
1062	Country Radio, Zbraslav, Adv., Mx, ID	433	2154	18/11	FW
1089	Golos Rossii, Tbilisskaya; news, ID "Golos Rossii"	444	1425	20/11	LB
1143	Radio Mayak, Samara, Talk	333	0640	17/11	FW
1170	Radio Capodistria, Beli Kriz, Keane mx, ID, news	433	1501	06/11	HB
1179	România Actualități, various, Talk	333	1625	5/11	FW

1179	Antenne Saar, Heusweiler, Report	333	1632	5/11	FW
1179	SER Radio Rioja, Logroño, ID, Regional News and Infos	333	0620	17/11	FW
1179	Ra3dio Sweden, Solvesborg; ID, talk, music (final countdown)	555	1855	30/10	HS
1269	Deutschlandfunk, Neumünster, ID, Talk	555	1629	21/11	HS
1278	France Bleue, Selestat, ID, talks, music	444	1913	21/11	HS
1359	Radio Mayak, Perm; tlk in Ru	333	1521	01/11	LB
1431	Gold Breeze, Rayleigh (Southend), Oldie from Sweet	333	0150	19/11	FW
1431	Rai Radio 1, Foggia , ID, News	222	0200	19/11	FW
1449	BBC Radio 4, Redmoss, ID, News	333	2300	17/11	FW
1449	Rai Radio 1, various, Talk	222	2143	18/11	FW
1458	Sunrise Radio, Brookmans Park, ID, News	444	2300	16/11	FW
1458	Gold Manchester, Ashton Moss, Infos, Pop Mx	222	2310	16/11	FW
1476	Euskadi Irratia, Biribilondo, ID, News	333	0200	12/11	FW
1485	Gold 1431/1485, Washwater (Newbury), Oldies, ID "Gold"	222	0150	11/11	FW
1485	Punto R. Vilanova, Masía Padruell (Vilanova), ID "Punto Radio"	222	0200	11/11	FW
1485	Broadcast Italia,Rome; Oldies, ID	444	0550	06/11	LB
1485	BBC Radio various, Px 5Live	333	0202	11/11	FW
1494	France Info, various, ID, news	222	2300	8/11	FW
1494	France Bleu, Bastia, Music Px	444	2303	8/11	FW
1503	Radio Beograd 202, Krnjaca, Serbian Music	222	2250	4/11	FW
1503	BBC Radio Stoke, Stoke-on-Trent, Px 5Live	333	2300	4/11	FW
1503	Radio Nacional 5, various, Talk	222	2310	4/11	FW
1512	Radio TCR, Lifford, Co. Donegal, Infos, ID, Country Music	222	2300	1/11	FW
1521	Gold Digital, Duxhurst, Music	222	0215	30/11	FW
1530	România Actualități, various, Nat. Ant.	222	0158	29/10	FW
1530	Pulse 2, Huddersfield, ID, News	333	0200	29/10	FW
1530	Vatican Radio, Santa Maria di Galeria, Talk	333	0608	12/11	FW
1539	SER Radio, various, ID, News	333	0200	28/10	FW
1548	Gold, Saffron Green, Infos, ID, Music	444	0150	27/10	FW
1548	Forth AM, Colinswell (Edinburgh), ID, News	222	0200	27/10	FW
1557	Gold 1557, Kings Heath (Northampton), Infos, ID, Music	222	2300	24/10	FW
1557	France Info, Nice-Fontbonne, News	444	2305	24/10	FW
1557	France Info, Nice-Fontbonne, ID, talk, sports	434	1917	20/11	HS
1566	Radio Zavidovici, Medivici; ID, adv	433	1500	01/11	LB
1584	Quality Radio, Utrecht-Galgenwaard; ID as Radio Paradijs, music	555	1951	18/11	HS

Many thanks to the following reporters:

FW Friedhelm Wittlieb, Grundig Satellite 700 with martens frame-antenna, Lünen, Germany
 HB Herman Boel, Erembodegem, Flanders, Kenwood R-5000 + Kiwa + longwire 39 mtr
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 LB Leonardo Bolli; Matelica (MC), Italy; RfSpace Sdr-lq, Kenwood R-5000; Wellbrook ALA1530S+



DX LOGGINGS

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kHz	Callsign	Station, location; details heard etc	SIO	UTC	Date	Who
530	CMBQ	R Enciclopedia, La Habana; Cuba songs and ID	322	0648	10/11	MDe
531		IRIB1, Hamadan, Iran; // 1503 kHz; ID sounding like Radio Veteran, Farsi	344	1730	15/10	GScW
531		IRIB Hamadan, Iran; Farsi talks	322	1633	6/11	MvA
540		IRIB1, Mashhad, Iran; OM/YL talk same level as Hungary // 1503 kHz	F/G	1700	8/11	PL
540	CBT	Grand Falls NL; CBC Radio 1; totally dominant signal	Exc	0048	24/11	SW
540	CBGA1	New Carlisle QC (or maybe CBEF) (presumed); CBC style French interview, unusually dominant	Fpk	0048	3/11	SW
550	WGR	Buffalo NY; ESPN Radio, ID "All sports all the time, Sports Radio 5-50 WGR Buffalo"	W	0900	4/11	mah
550	WSAU	Wausau WI; "Central Wisconsin's Fox News talk and sports station 5-50 WSAU Wausau ..."	G	0700	4/11	mah
550	YVKE	Mundial, Caracas; SS music and ID by male as "Caracas"; fair	332	0606	19/10	MDe
555	ZIZ	Basseterre, St Kitts; BBC News by female	332	0127	21/10	MDe
567	JOIK	NHK1 Sapporo (presumed); JJ tlc, TS, then 30 sec later, seeming step increase in strength from W to F; no ID heard	F	1300	1/11	mah
570	WMCA	New York NY; "AM 5-70 WMCA, New York's Christian station"	W	0500	9/11	PC
570	WSYR	Syracuse NY; "WSYR ... talk news radio" followed by nx, wx	W/F	0700	5/11	JWe
570	CFCB	Corner Brook NL; music // VOXM 590 kHz in mix of signals	W	0016	15/11	SW
570	CKGL	Kitchener ON; "5-70 News" and "570news.com"	W	0700	31/10	PC
570	CMBD	R Reloj, Santa Clara; SS news about Cuba	332	0036	21/10	MDe
570	XEVX	Mass Radio, Comalcalco ; pops, SS ID "5-70 AM un principio de comunicaci3n ... Mass en el sintonia XEVX"; personal first	vGpk	0800	15/11	mah
580	CFRA	Ottawa ON; ID	232	0611	16/10	GScW
580	CFRA	Ottawa ON; news talk	232	0624	23/10	MDe
580	CFRA	Ottawa ON; ads, "CFRA news-time 7.05"	F	0005	10/11	SW
580	CFRA	Ottawa ON (presumed); news reports	W	0701	10/11	JW
590	VOXM	St John's NL; VOXM song // 620 kHz	332	0129	19/10	MDe
590	VOXM	St John's NL; "VOXM 20-20 Satellite weather"	F	2347	30/10	JW
590	VOXM	St John's NL; C&W music/songs, VOXM" ID	W/F	0602	19/11	Rha
590	VOXM	St John's NL; ad for local event in St John's; advert break not // 620 kHz	G	0050	24/11	SW
590	CJCL	Toronto ON; "ESPN Radio The Fan 5-90"	F	0757	21/11	mah
594		RTM 1&2, Oujda, Morocco; news	333	2304	1/11	FW
594		IRIB1, 2 sites listed, Iran; local news about Iran	332	2152	23/10	MDe
594		IRIB 2 sites listed, Iran; local Farsi songs/music	F	1527	21/11	Rha
594	JOAK	NHK1 Tokyo; TS and JJ anns "NHK" ID	W/F	1400	30/10	mah
595		RTM, Oujda, Morocco; tlc in AA (+1kHz offset)	544	2006	4/11	LB
600	KSJB	Jamestown ND; country mx "600 KSJB Jamestown North Dakota"	F	1002	4/11	mah
600	CBNA	St Anthony NL; CBC News	322	0614	21/10	MDe

kHz	Callsign	Station, location; details heard etc	SIO	UTC	Date	Who
600.12	HJHJ	R Libertad, Barranquilla (presumed); LA mx, no IDs hrd; offset F/P indicates Radio Libertad		0800	20/11	ab/mah
610	WIOD	Miami FL; weak WIOD ID	222	0602	16/10	GScW
610	WIOD	Miami FL; mix of several signals noted at 2255 then clear ID at Fpk 0000 when adjacent channel splatter briefly fell silent! "WIOD Miami-Fort Lauderdale"		0000	15/11	SW
610	WIOD	Miami FL; "News Radio 6-10 Miami Fort Lauderdale and streaming 24/7 at wiod.com" & WIOD news	W/F	0200	20/11	BD
610	WIOD	Miami FL; "News Radio 6-10 WIOD, Miami, Fort Lauderdale"	W	0000	23/11	PC
610	CKTB	Saint Catharines ON; very weak weather forecast with CKTB mentioned towards the end	vW	0606	7/11	AB
610	CHNC	New Carlisle QC (presumed); FF talk	W	2301	31/10	JW
610	HJKL	La Cariñosa, SF de Bogotá; "RCN – La Radio" and "La Cariñosa 6-10 AM"; xf WIOD		0800	20/11	ab/mah
620	CKCM	Grand Falls NL; "The VOXM radio service"	F	2157	26/10	JW
620	CKCM	Grand Falls NL; advert for local event in Grand Falls-Windsor	G	0050	24/11	SW
620	CMBA	R Rebelde, Colón; SS about Cuba	222	0215	13/11	MDe
620	UNID	US Talk station under CKCM – very rare situation	W	0050	3/11	SW
620	UNID	Spanish on 620 is rare; thought it might be Rebelde but not // 5025 kHz	Ppks	0019	15/11	SW
639		CNR1 Beijing, China (presumed); CC tlk, fanfare	Fpks	1500	31/10	mah
640	CMBC	R Progreso, 2 sites listed; "Radio Progreso desde la Habana, Cuba"	W	0700	27/10	PC
648		AIR Indore, India; YL singing through top of the hour mixing Spain // 918 kHz	F	1700	8/11	PL
650		KNR Qeqertarsuaq, Greenland (tentative); traces of audio – not English; strong het against BBC WS on 648 kHz	P	1848	2/11	SW
650		KNR Qeqertarsuaq, Greenland; Danish news	W/F	2200	3/11	PC
650	HJKH	RCN Antena 2, SF de Bogotá; LA mx, SS "RCN" jingle ID	Fpks	0802	20/11	ab/mah
660	WFAN	New York NY; sports talk	F	0602	28/10	JW
660	WFAN	New York NY; sports talk chat, "this is The Fan 66"	W/Fpks	0613	31/10	Rha
670	WSCR	Chicago IL; news talks and ID "Chicago "under Cuba	322	0632	10/11	MDe
670	CBMA	Radio Rebelde, Arroya Arenas; SS talk and music //1620 kHz	W/F	0649	6/11	JW
680	KBRW	Barrow AK; "You're listening to KBRW AM 6-80, radio for the top of the world"; also F 1400 30/10, W/F 1200 1/11, often	F/G	1204	3/11	mah
680	CFTR	Toronto ON; "6-80 News", Toronto news	333	0130	16/10	GScW
680	CFTR	Toronto ON; the new system in Toronto	332	0130	19/10	MDe
680	CFTR	Toronto ON; traffic report and weather "6-80 News time 2.13"	F	0612	28/10	JW
680	CFTR	Toronto ON; "6-80 News"; business news report	F	0025	16/11	SW
680	WAPA	San Juan PR; "Noti uno informa" news	W/F	0125	13/11	BD
700	WLW	Cincinnati OH; news	222	0246	19/10	MDe
700	WLW	Cincinnati OH; "News Radio 700 WLW	W	0100	5/11	JWe
700	WLW	Cincinnati OH (presumed); live sport involving "Ravens" and Cincinnati	F	0025	16/11	SW
700	HCRS2	Radio Sucre, Guayaquil; SS ID in mid sentence	222	0542	17/10	GScW
700	YVMH	R Popular, Maracaibo; SS ID "Escucha ... Radio Popular"	W	0836	20/11	ab/mah
702		IRIB, Rasht, Iran; Farsi - piano tune, NA, Koran prayers	333	1700	16/10	GScW
702		BSKSA, Duba, Saudi Arabia; music px	222	0210	5/11	FW

kHz	Callsign	Station, location; details heard etc	SIO	UTC	Date	Who
710	KIRO	Seattle WA; ESPN Radio, "... only on 7-10 ESPN Seattle the new sports leader ... KIRO Seattle"	Gpks	1100	8/11	mah
710	CHCM	Marystown NL; local promotion for "The 7-10 VOXM Countdown to Christmas"	vG	2347	21/11	SW
710	CMBA	Radio Rebelde, 4 sites listed; echo noted on audio, // 5025kHz	Fpks	0006	14/11	SW
710	CMBA	Radio Rebelde, 4 sites listed; SS talks, news	222	0608	21/10	MDe
730	CKAC	Montréal QC; French talks	322	0250	19/10	MDe
730	CKAC	Montréal QC (presumed); continuous EE pops	F	0653	4/11	JW
730	CKAC	Montréal QC; French jingle, pop mx	333	0634	6/11	MvA
730	CKAC	Montréal QC; French discussion mention Laval & Montreal	G	2206	15/11	SW
730	CKDM	Dauphin MB; country mx, ID "... 7-30 CKDM"	Gpks	1002	4/11	mah
730	HJCU	R Líder, SF de Bogotá; LA mx, SS "Radio Líder, Cadena Melodía" ID	W/F	0642	21/11	Rha
740	CBX	Edmonton AB; "This is CBC Radio One 7-40 AM and 93.9 FM F in Edmonton"		0659	6/11	mah
740	CFZM	Toronto ON; "AM-7-40 is radio without ...", "Zoomer-radio AM 7-40"	F	0006	16/11	SW
740	CFZM	Toronto ON; soft crooner mx, "Welcome to the AM 7-40" ID	222	0600	16/10	GScW
740	CFZM	Toronto ON; oldies, Perry Como "Catch a Falling Star"	G	0749	28/10	JW
740.01	CFZM	Toronto ON; with some oldies	W/F	0610	19/11	Rha
747	JOIB	NHK2 Sapporo; "NHK Daini hoso desu"	F	1320	1/11	mah
750	KFQD	Anchorage AK; in and out of the noise; local wx and ID followed by "KFQD" jingle	Wpks	1206	1/11	mah
750	WSB	Atlanta GA; briefly "... live from WSB ..." & WSB news	W	0700	8/11	BD
750	WSB	Atlanta GA; "AM 7-50 and now 95.5 FM News Talk WSB"	W	0700	8/11	PC
750	KXL	Portland OR; "News Radio 7-50 KXL and kxl.com"	Wpks	1106	8/11	mah
750	CGBY	Bonavista Bay NL; "This is the CBC News"	222	0200	17/10	GScW
750	CBGY	Bonavista Bay NL; CBC News	332	0253	19/10	MDe
750	CBGY	Bonavista Bay NL; YL "... and of course across Canada on CBC Radio 1"	F	0657	5/11	JW
750.01	CBGY	Bonavista Bay NL; ID "You are listening to CBC Radio"	W/F	2130	21/11	Rha
760	WVNE	Leicester MA; tlk, toth ID "WVNE Leicester Worcester" in heavy splatter; no sign of WCHP; daytimer ; + P/F 2200 29/10	P/Fpks	2200	31/10	mah
760	WJR	Detroit MI; The Voice news	332	0130	21/10	MDe
760	WJR	Detroit MI; "News talk 7-60 WJR" "... the polls have just closed in Michigan ..." (mid-term election night); also heard legal ID "WJR Deeeetroit" 0000 15/11	F	0106	3/11	SW
760	WJR	Detroit MI; truckers' talk show, "News Talk 7-60 WJR" & ABC News	F	0658	4/11	BD
760	WJR	Detroit MI; "30 past on the Midnight Radio Network – then traffic WLS"	F	0730	4/11	JW
760	WJR	Detroit MI; talk, "7-60 WJR" followed by ads	F	0000	16/11	JWe
760	WCHP	Champlain NY; Full closedown announcement; daytimer	W/F	2215	30/10	PC
760	WORA	Mayagüez PR; SS network ID "... escucha en todo Puerto Rico WUNO 6-30 San Juan ..." etc	W/F	0800	20/11	ab/mah
770	WABC	New York NY; news	322	0310	4/11	MDe
770	CHQR	Calgary AB; CHQR jingle, and spoken CHQR ID	W/F	0500	9/11	PC
770	HJJX	RCN de Bogotá; SS talks by female ID "Noticias RCN"	322	0514	19/10	MDe
770	HJJX	RCN Bogotá; news & "RCN radio"	F	0704	10/11	BD

kHz	Callsign	Station, location; details heard etc	SIO	UTC	Date	Who
780	KNOM	Nome AK; "KNOM in Nome, it's 1 o'clock"; + Fpks 1200 1/11	F	0900	3/11	mah
780	WBBM	Chicago IL; "WBBM sports college football" TC & CBS News	F	0659	10/11	BD
780	ZBVI	Tortola, British Virgin Islands ; low key talk in British English, then at 2201:39 ID "From ... Tortola, this is radio station Z-BVI ..." and news reports	P/F	2201	29/10	mah
780	YVMN	Radio Coro, Coro; MOR Latin rhythms, "Coro" & spots	W	0658	29/10	BD
790	KCAM	Glenallen AK; "This is the voice of the Copper River Valley, KCAM Glenallen"	P/F	1200	1/11	mah
790	WAXY	Miami FL; "790theticket.com" ID and "You're listening to W-A-X-Y, Miami"; IRN News. Strong during ads for iwantmyhair.com at 0602	333	0600	16/10	GScW
790	WAXY	South Miami FL; "This is WAXY South Miami a Lincoln Financial Media station", USA network news & ESPN sports	W/F	0700	19/11	BD
790	WAYY	Eau Claire WI; "... wayy790.com" noted in the mix	W	0700	4/11	mah
790	CFNW	Port au Choix NL; CFCB news	332	0627	21/10	MDe
800	VOWR	St John's NL; VOWR ID	333	0621	19/10	MDe
800	VOWR	St John's NL; weather forecast for downtown St John's, then "You're in tune with 800 Radio VOWR ..."	F	2303	29/10	AB
800	VOWR	St John's NL; easy listening songs and instrumentals // website	F	2230	10/11	JW
800	VOWR	St John's NL; back to back music, mainly oldies // VOWR webstream; surprisingly late reception	W	0947	27/11	SW
800	CKLW	Windsor ON; "This is AM 8 hundred CKLW a Chum radio station" & CP news	F	0700	4/11	BD
800	PJB	Trans World Radio, Bonaire; SS ID "Desde Bonaire, antillas Holandesas ... " ID	222	0600	16/10	GScW
800	PJB	TWR Bonaire; instrumental slow music	232	0612	26/10	MvA
800	PJB	TWR Bonaire; SS religious studio talk, IS & "Radio Transmundial"	F/G	0658	19/11	BD
820	KCBF	Fairbanks AK; "KCBF Fairbanks, an NNB radio station"	P	1200	1/11	mah
820	WWLZ	Horseheads NY ; "This is WWLZ AM Horseheads Coming Elmira. (Fox?) Radio 8-20 AM"; personal first	W/F	2300	19/11	mah
820	WBAP	Fort Worth TX; spots & "WBAP" weather forecast	W/F	0704	4/11	BD
820	KGNW	Burien-Seattle WA; "8-20 AM KGNW" hrd in the mush	F/P	0700	6/11	mah
820	CHAM	Hamilton ON; country music	322	0624	22/10	MDe
820		TBN Charlestown, Nevis; rlg program about the Lord	322	0140	19/10	MDe
820		TBN/ R Paradise, Charlestown, Nevis; English female rlg px	333	0613	29/10	MvA
830	KSDP	Sand Point AK (presumed); NPR News	vW	1201	6/11	mah
837		CNR1, multiple sites (tent); CC talks; not audible at toth for ID	343	1720	15/10	GScW
840	WHAS	Louisville KY; "Get news on demand at whas.com" & Fox News	W	0700	6/11	BD
850	WFTL	West Palm Beach FL; ID "Here's a look at WFTL weather"	333	0633	16/10	GScW
850	WFTL	West Palm Beach FL; "Florida's 8-50 WFTL West Palm Beach" & ABC News (ex CNN)	W	0800	4/11	BD
850	WEEI	Boston MA; "Here in Boston on ESPN"	332	0047	21/10	MDe
850	WEEI	Boston MA; "From the Sports Centre tonight ... on ESPN Radio"	G	0459	30/10	JW
850	WEEI	Boston MA; Boston vs Miami on the "WEEI Celtics Radio Network"	F	0125	12/11	SW
850	WEEI	Boston MA; ESPN sports talk - basketball & Redsox football	W/Fpks	0646	21/11	Rha

kHz	Callsign	Station, location; details heard etc	SIO	UTC	Date	Who
860	CHAK	Inuvik NT; local wx in low voice, northern low temperatures, ending "It is 7 AM Eastern"; at 1100 "This is CBC News"; I think // 1230 kHz, hence the reference to eastern time	Fpks	1100	4/11	mah
860	CJBC	Toronto ON (tent); FF talks, no ID caught	222	0600	16/10	GScW
864		TWR, Gavar, Armenia; TWR ID, RR; competing w France Bleu	322	1654	15/10	GScW
864		R Yerevan, Gavar, Armenia; local language nx; personal first	433	1500	7/11	MvA
870	KSKO	McGrath AK; "This is KUAC Fairbanks, KIYU Galena, KSKO F McGrath, KZPA Fort Yukon and ??? Members of Community Radio of Alaska coming up. It's 4 o'clock, good morning"	F	1200	4/11	mah
870	WWL	New Orleans LA; "the news, talk and sports leader WWL"	F	0100	5/11	JWe
880	WCBS	New York NY; WCBS Weather	222	0604	16/10	GScW
880	WCBS	New York NY; headlines from New York	332	0607	21/10	MDe
880	WCBS	New York NY; OM "WCBS News time 2.35"	F	0735	11/11	JW
880	WCBS	New York NY; rarely heard these days "WCBS 8-80"	Fpk	2330	13/11	SW
880	WCBS	New York NY; with CBS News, comments & updates; "It's WCBS newstime" ID	W/Fpks	0717	19/11	Rha
890	KBBI	Homer AK; poor ID at 1159 "You are listening to KBBI Homer ...", light mx, and into BBC WS at 1200	Wpks	1200	1/11	mah
890	WLS	Chicago IL; ads, "8-90 AM WLS"	F	0732	4/11	JW
890	WLS	Chicago IL; sung "WLS Chicago" ID followed by ABC News	F	0700	8/11	JWe
891		TRT Antalya, Turkey; Turkish YL mentioning freqs, NA, s/off	333	1600	11/11	MvA
891	UNID	mx sounding like a National Anthem, immediately after the National Anthem of Turkey (s/off TRT Antalya), but with a stronger signal than TRT; after this music no other program , so sounding like a s/off	343	1602	11/11	MvA
891	UNID	Chinese female talks; also 232 1600 6/11	232	1605	11/11	MvA
900	KZPA	Fort Yukon AK; list of network stations "This is ... KSKO McGrath ... KZPA ... members of Community Radio of Alaska ... classical music coming up ... 4 o'clock"; earlier F at 1100	W	1200	1/11	mah
900	CHML	Hamilton ON; Hamilton spot, "AM 900 CHML" & CP news	W	0658	2/11	BD
900	CMKP	Radio Progreso, Cacocum; YL with "Radio Progreso" MOR music & announcements	F	0656	28/10	BD
910	YVRQ	RQ 910, Caracas; LA mx, SS ID "En RQ 9-10 3.33 minutos"	Fpks	0803	20/11	ab/mah
917		Radio Gotel, Yola, Nigeria; VV talks by male	222	2250	20/10	MDe
918		AIR Suratgarh, India; YL singing // 648 kHz; buried in mix	W	1700	8/11	PL
920	KSRM	Soldotna AK; "Now in our 42 nd year, this is News Talk 92 KSRM Soldotna Kenai Homer. It's 3 o'clock", ABC News	W/F	1100	1/11	mah
920	WDMC	Melbourne FL; "Your daily Catholic connection to scriptures devotions and much much more, you're listening to WDMC 9-20 AM, your Catholic radio station for Florida's space and treasure coast"	G	0800	15/11	mah
920	CFRY	Portage la Prairie MB; "CFRY, Real Country Radio. Your local W/F (?) station"	W/F	0500	9/11	PC
920	YVQX	Radio Nueva Esparta, Porlamar; "Nueva Esparta 9-20 AM" TC & salsa rhythms	W	0714	9/11	BD
930	KNSA	Unalakleet AK; light mx, YL ID "This is K??? ??, KNSA Unalakleet and K??? ??" and into BBC WS	W	1300	1/11	mah

kHz	Callsign	Station, location; details heard etc	SIO	UTC	Date	Who
930	KSEI	Pocatello ID ; “ESPN Radio on AM 9-30 KSEI Pocatello” and ESPN Radio Sports Centre	F	1000	4/11	mah
930	WBEN	Buffalo NY; CBS News	222	0145	19/10	MDe
930	WBEN	Buffalo NY; CBS News then ID “WBEN 9-30”	W	0607	28/10	JW
930	WBEN	Buffalo NY; "News Radio 9-30 WBEN", news	W	0100	5/11	JWe
930	WBEN	Buffalo NY; ID and local news	F	2352	15/11	SW
930	CFBC	Saint John NB; oldies and ID “Good Times Oldies 93 CFBC”	G	2158	26/10	JW
930	CFBC	Saint John NB; “Good Time Oldies CFBC”	F	2356	2/11	SW
930	CFBC	Saint John NB; ID and pop mx	332	0242	9/11	MDe
930	CJYQ	St John’s NL (very tentative); traces of Celtic style music/ Irish reel; very briefly. This station now qualifies as tough DX!	vW	0002	2/11	SW
930	HJCS	La Voz de Bogotá, Bogotá; spots, “La Voz de Bogotá” TS & talk format	W/F	0257	13/11	BD
936		IRIB, Urumiyeh, Iran; gong, local ID "Inja Urumiyeh", National Anthem; Farsi; also 444 1630 15/10, 444 2100 15/10, 333 2030 16/10, 444 2130 16/10	433	1830	16/10	GScW
939.88	XEQ	Mexico City; talk show & “XEQ 9-40”	W/F	0657	1/11	BD
940	WCPC	Houston MS ; “This is WCPC Houston, Tupelo, Columbus”; daytimer	W	2300	30/10	PC
940	WIPR	San Juan PR : “9-40 AM informa” “WIPR AM” spot for Puerto Rican El Mundo newspaper; thanks to Henrik Klemetz for the pointers; personal first	W/F	2200	29/10	BD
940	WIPR	San Juan PR; SS ID “9-40 AM” and at 0803 jingle ID	W	0800	20/11	ab/mah
940	UNID	Non-stop light songs, possibly Hawaiian – maybe KKNE? In and out of the noise, but didn’t catch any IDs	Gpks	1100	4/11	mah
950	CFAM	Altona MB; “It’s 6 o’clock – This is CFAM News”	F	1100	4/11	mah
950	CKNB	Campbellton NB; pop mx. "your station "	322	0542	20/10	MDe
950	CKNB	Campbellton NB; “95-CKNB Satellite Weather”	F	2236	30/10	SW
950	CKNB	Campbellton NB; OM with ID “95 CKNB”	F	2300	7/11	JW
960	WEAV	Plattsburgh NY; “News talk sports talk today’s talk the zone 9-60 WEAV Plattsburgh Burlington St. Albans”& Fox News	W/F	0700	28/10	BD
960	WTCH	Shawano WI ; “AM 9-60 WTCH Shawano 96-5 FM” and into CBS News; personal first	F/P	1000	4/11	mah
970	KFBX	Fairbanks AK; “News Radio 9-70 KFBX Fairbanks”, ABC News; also Gpks 1200 3/11 - often	F/G	1200	1/11	mah
970	WZAN	Portland ME; “9-70 WZAN” ID after end of CBS News	222	0604	16/10	GScW
970	WZAN	Portland ME; CBS News	322	0640	28/10	MDe
970	WZAN	Portland ME; several “97-WZAN” references and local weather	Fpk	0032	3/11	SW
970	WDAY	Fargo ND; ads, brief toth ID “WDAY Fargo Moorhead” and into ABC News	W	0800	4/11	mah
972	HLCA	KBS Hanminjok Bangsong, Dangjin; Korean talks; personal first	333	1521	7/11	MvA
972	HLCA	KBS Liberty 1, Dangjin; KK breaking through NDR Info for several minutes; // 1170 kHz	222	1600	11/11	GScK
972		VOA Radio Aap Ki Dunyaa, Orzu, Tajikistan; IDs and news; personal first	333	1500	8/11	MvA
980	WCAP	Lowell MA; “This is 9-80 WCAP Lowell ... time for an update on ABC News”	F	2200	21/11	mah
980	KBBO	Selah WA; “9-80 K-USA” ID noted in the slop from 981 kHz	P/Fpks	1006	8/11	mah

kHz	Callsign	Station, location; details heard etc	SIO	UTC	Date	Who
980	WCUB	Two Rivers WI; weak but clear "WCUB" heard in the mix	W	0700	8/11	JWe
980	CKNW	New Westminster BC; "CKNW News Talk 9-80" and jingle	W/F	1000	6/11	mah
980	HJES	RCN Cali; SS RCN ID and noticias; also 222 0600 16/10	222	0600	17/10	GScW
980	HJES	RCN Cali; SS talks and ID RCN	322	0140	19/10	MDe
980	HJES	RCN Cali & Medellin listed; ads, ID "RCN deportes ... RCN mas radio"	W/F	0730	25/10	JWe
981		Voice of Kuanghua, Hsinfeng, China; opening music clearly audible under Alger; ID at 2100; also 333 1700-2100 16/10	232	1800	15/10	GScW
981		CNR1, Changchun, Jilin, China; ID, Beijing time check, ID // 1035, 1098 kHz	343	2000	16/10	GScW
981		CNR1, many locations; pips, Chinese female ann; ID	333	1500	9/11	MvA
1000	WMVP	Chicago IL; ESPN sports talk & "This is ESPN one thousand WMVP AM and HD Chicago"	F	0658	4/11	BD
1000	WMVP	Chicago IL; sports talk and ESPN Radio"	W	0722	8/11	JW
1000	WMVP	Chicago IL; ESPN Radio with sport	332	0627	10/11	MDe
1000	KOMO	Seattle WA; KOMO AM, KOMO-FM and worldwide on komonews.com. Komo travelday(?) traffic and weather"	W/F	0604	2/11	PC
1000	CMNM	Radio Granma, Manzanillo ; soft Latin rhythms & "Esta es Radio Granma mil kilohertz"; personal first	W/F	0653	1/11	BD
1000	XEOY	Radio Mil, México DF; "Radio Mil" and "México" heard in ID	W	0800	2/11	PC
1010	WINS	New York NY; "WINS News time 6.19"	G	2216	29/10	JW
1010	WINS	New York NY; "10-10 Wins New York's one and only all news station"	G	2339	2/11	SW
1010	WINS	New York NY; time tone, "All news all the time this is 10-10 wins" & rolling news	G	0700	4/11	BD
1010	WINS	New York NY (tent); talk, (conditions favour New York area)	W	0545	9/11	HP
1010	CBR	Calgary AB; "CBC News Radio One"	332	0132	21/10	MDe
1010	CBR	Calgary AB; "This is CBC Radio One 10-10 AM and 99.1 FM in Calgary"	F/P	0659	6/11	mah
1010	CFRB	Toronto ON; "Newstalk 10-10" ID, news about Toronto	222	0230	16/10	GScW
1010	CFRB	Toronto ON; news from Toronto	332	0627	19/10	MDe
1010	CFRB	Toronto ON; "This is the famous Joe Henry show only on NewsTalk 10-10"	G	0630	30/10	JW
1010	CFRB	Toronto ON; "Newstalk 10-10" usually dominant over WINS	G	0014	14/11	SW
1017		CRI, China – usual fanfare	Fpk	1300	8/11	mah
1020	WIBG	Ocean City-Somers Point NJ; "... 10-20 WIBG ..." mentioned in passing in talk, followed shortly after with a very weak toth ID; daytimer	W	2200	29/10	mah
1020	KDKA	Pittsburgh PA; "KDKA News"	W	0200	5/11	JWe
1026		IRIB1, Tabriz, Iran; male/fem talks in Farsi	444	1700	15/10	GScW
1030	WBZ	Boston MA; "This is WBZ, we'll join our friends at WCCO as well ... the temperature is 41 degrees"	222	0559	16/10	GScW
1030	WBZ	Boston MA; newstalk phone-in on "WBZ 10-30"	W/Fpks	0558	31/10	Rha
1030	WBZ	Boston MA; "10-30 WBZ News "	F	2310	2/11	JW
1030	WBZ	Boston MA; "WBZ Accu-weather forecast"	G	2340	2/11	SW
1030	WBZ	Boston MA (tent); talk	W	0542	9/11	HP
1035		CNR1, multiple locations, China; CC ID, Beijing time check, ID // 981, 1098 kHz	343	2000	16/10	GScW
1040	WHO	Des Moines IA; "News 24 ... news and information every day. News Radio 10-40, WHO Des Moines"	F	0300	9/11	PC

kHz	Callsign	Station, location; details heard etc	SIO	UTC	Date	Who
1040	WHO	Des Moines IA; "News Radio 10-40 WHO Des Moines" & WHO news	W	0700	10/11	BD
1040	WNJE	Flemington NJ ; ESPN, poor for toth ID "The world's most famous arena WEPN New York ... New York" and into ESPN Radio Sports Centre; // WEPN 1050 kHz during the ID; personal first	Fpks	0900	19/11	mah
1040	HJUB	Colmundo, Pasta (presumed); "Colmundo" ID; presumed Pasto rather than Bogotá after check of local IDs on webstreams (not available for Pasto, unfortunately)	W	0803	20/11	ab/mah
1050	WEPN	New York NY; ID "with Don McGreggor and Craig Bottle, your home partnership in football on ESPN New York" heard briefly for a few minutes on top of CHUM	333	0624	16/10	GScW
1050	WEPN	New York NY; ESPN sports talk px basketball	W/Fpks	0600	31/10	Rha
1050	WEPN	New York NY; "It's New York radio"	332	0339	4/11	MDE
1050	CHUM	Toronto ON; "CP24" ID, news; very good at 0633 with wx	333	0615	16/10	GScW
1050	CHUM	Toronto ON; oldies hrd under ESPN sports	W	0541	20/10	Rha
1050	CHUM	Toronto ON; ID "News CP24"	F	0636	30/10	JW
1050	CHUM	Toronto ON; local adverts; "CP24.com"	F	0013	3/11	SW
1060	WLNO	New Orleans LA; "This is 10-60 AM WLNO, New Orleans' most powerful Christian radio station"; then "We, the Greater Mount Carmel Baptist Church family and pastor Reverend Doctor Ernest Johnson at 3721 North Claiborne Avenue, welcome you to our weekly Friday night broadcast"	W/F	2300	30/10	AB
1060	WQOM	Natick MA; "The Station of the Cross" then "... radio station, 10-60 AM WQOM Natick, Boston"	W	2300	1/11	PC
1060	WQOM	Natick MA (presumed); YL with religious talk	W	2313	5/11	JW
1060	WQOM	Natick MA; religious story about Jesus and the Passover Supper	F	0657	10/11	BD
1060	WQOM	Natick MA; "... thank you for listening to the station of the cross ... Catholic radio station 10-60 AM WQOM Natick Boston"	W/F	0900	19/11	mah
1060	KYW	Philadelphia PA; "All news all the time" and sung "KYW News Radio 10-60", then "From Independence Mall, this is KYW News Radio 10-60"	F/P	2200	30/10	mah
1060	CKMX	Calgary AB; country mx, ID "Classic Country AM 10-60 around the world at classiccountryam1060.com and on short wave radio at CFVP at 60-30 kHz. That's right we're world Classic Country AM 10-60"	G	0659	6/11	mah
1060	CMDL	Radio 26, Matanzas; "Esta es Radio 26, desde Matanzas, Cuba"	W/F	0700	2/11	PC
1060	XEEP	R Educación, México DF; SS talks, ID "Educación de México"	332	0606	20/10	MDe
1060	XEEP	Radio Educación, México DF; classical music & "XEEP Radio Educación"	F	0558	27/10	BD
1060	XEEP	Radio Educación México DF; SS ann followed by Mexican National Anthem	333	0600	12/11	GScK
1060	HJLY	Radio Delfín, Riohacha ; "Radio Delfín, 10-60 AM, estación HJLY, Radio Delfín, la auténtica voz de La Guajira ..." I thought this was Radio Litoral, Turbo, but Henrik put me right – many thanks; personal first	W	2302	29/10	AB
1060	UNID	Focus on the Family, signal dropped at 2200 mid-sentence; too early for WLNO – perhaps WCGB	Fpks	2200	29/10	mah

kHz	Callsign	Station, location; details heard etc	SIO	UTC	Date	Who
1070	WAPI	Birmingham AL (tentative); fade-up with Auburn sports at 2304, then ads "when you're cheering on the Auburn Tigers we're right here with you", political ad for Dr Robert Bentley, candidate for Governor of Alabama; there for just under 2 minutes, and gone – would still be on daytime power	Gpk	2304	30/10	mah
1070	WKOK	Sunbury PA; "Your station for news, weather, business and Fox Sports Radio, this is News Radio 10-70 WKOK Sunbury"; daytime power ; also Fpks 2159 29/10	Fpks	2200	30/10	mah
1070	WFLI	Lookout Mountain TN ; "Thank you for listening to WFLI, 10-70, Lookout Mountain, Chattanooga, Tennessee" then USA Radio News; daytimer	F	2300	29/10	AB
1070	CFAX	Victoria BC; "If it's happening, it's here. Victoria's news authority C-fax 10-70"	W/F	1000	6/11	mah
1070	CHOK	Sarnia ON; news, sports, Clearwater weather and web link to country1039.com	Fpks	0103	11/11	SW
1070	WMIA	Arecibo PR ; disco romantico, Arecibo spots & "Mia Arecibo" slogan; personal first	F	0125	13/11	BD
1070	WMIA	Arecibo PR; LA tunes, "ocho treinta y uno en Puerto Rico"	Gpks	0031	17/11	JWe
1070	WMIA	Arecibo PR; "Esta es WMIA Radio Arecibo 10-70 AM ... melodías de medianoche" with thanks to AB/MAH confirming my catch; personal first	Fpks	0058	17/11	SW
1070	LR1	R El Mundo, Buenos Aires; ID in SS " Buenos Aires La Plata"	322	0100	11/11	MDe
1070	HJCG	Radio Santa Fé, Bogotá; promo's & "Santa Fé" song/jingle	W/F	2143	29/10	BD
1070	YVMA	Mundial Zulia, Maracaibo; typical Venezuelan mx; ID in SS as "Mundial"	222	0158	19/10	MDe
1070	UNID	Mexican mx, at 0659 SS ann "La diez-siete"(?), and at 0700 "... Esta es XE ???"; further investigation required	Gpks	0659	6/11	mah
1071		IRIB Radio Ma'aref, Qom, Iran; Farsi, gong, ID, patriotic song	444	2030	15/10	GScW
1071		IRIB R Ma'aref, Qom, Iran; news in AA about Iran	332	2104	21/10	MDe
1071		Radio Al-Nour, Tartus, Syria; Arabic news	343	2100	29/10	MvA
1080	KUDO	Anchorage AK; PSA, ID "News Talk 10-80 KUDO"	Fpks	1400	1/11	mah
1080	WTIC	Hartford CT; "WTIC News Talk 10-80 and wric.com WTIC WTIC HD Hartford" & CBS News	W/F	0700	1/11	BD
1080	WHIM	Coral Gables FL; toth ID "WHIM Coral Gables, Miami, Fort Lauderdale"; dominant over WTIC; also F 0700 30/10	F	0800	15/11	mah
1080	WHIM	Coral Gables FL; "WHIM Coral Gables, Miami, Fort Lauderdale"; tnx K Baird for spot	W	0800	19/11	PC
1089		Liaoning Satellite PBS, many locations, China; ID in strong interference from Talksport and R Rossii	222	1500	11/11	GScK
1090	KPTK	Seattle WA; "Seattle's Progressive Talk AM 10-90 ... KPTK Seattle"	Gpks	0700	6/11	mah
1090	WBAL	Baltimore MD; news info	322	0106	21/10	MDe
1098		IRIB1/VOIRI Zabal, Iran; Arab songs	322	1706	18/10	MDe
1098		CNR1, many locations; CC ID, Beijing time check, ID //1035, 981 kHz; also 333 1900 15/10, 1900-2030 16/10	444	2000	16/10	GScW
1098		R Free Asia, Kouhu, Taiwan; Mandarin talks; splatter	222	2111	19/10	MDe
1098		RFA/RTI Kouhu, Taiwan; CC female talks	322	2125	3/11	MvA
1098		RTI, Kohou, Taiwan; CC with English sentence "RTI News" mentioned during ID	343	1500	11/11	GScK
1098		CBS Taiwan (tentative); Chinese talk & music	Fpks	1443	15/11	SW

kHz	Callsign	Station, location; details heard etc	SIO	UTC	Date	Who
1100	WTAM	Cleveland OH; ID at 0558 and 0630	222	0558	16/10	GScW
1100	WTAM	Cleveland OH; "WTAM 11 hundred Cleveland" & Fox News	W	0700	1/11	BD
1100	WTAM	Cleveland OH; talks, ann	232	0702	2/11	MvA
1100	WTAM	Cleveland OH; "WTAM 11hundred", talk	W	0632	21/11	Rha
1110	WBT	Charlotte NC; WBT news	322	0330	3/11	MDe
1116		IRIB1, Bandar Lengeh, Iran; OM talk // 549, 1503 kHz in Spain toth silence	W	1700	8/11	PL
1120	WBNW	Concord MA; "You're listening to (?) Finance on Money Matters Radio Network on WBNW ..."	W	0700	31/10	PC
1120	WBNW	Concord MA; "You're listening to Boston's home for finance ... WBNW 11-20 AM ..."	W/F	2200	21/11	mah
1120	KMOX	St Louis MO; news, ID	242	0808	10/11	MvA
1120	KMOX	Saint Louis MO; "News-Radio 11-20 KMOX" ID	W/F	0710	19/11	Rha
1120	KPNW	Eugene OR; "Coast to Coast AM with George Noory on News Radio 11-20 KPNW"	Fpks	1106	8/11	mah
1120	WMSW	Radio Once, Hatillo, PR ; "... de Puerto Rico, WMSW, ... Hatillo, Puerto Rico, Radio Once, ? AM"; personal first	W	2300	29/10	AB
1130	KWKH	Shreveport LA; WBBR mixing with two stations; sport on one and "KWKH" heard	W	0300	9/11	PC
1130	KWKH	Shreveport LA; "The home of the legends KWKH Shreveport ... AM 11-30" weather word & country music	W/F	0800	10/11	BD
1130	KWKH	Shreveport LA; Classic Country mx/songs, ID in gap of WBBR "Home of the Legends AM 11-30"; personal first	W	0703	19/11	Rha
1130	KFAN	Minneapolis MN; "The Twin Cities' home for the NFL, AM 11-30 KFAN Minneapolis Saint Paul, The Fan"	W	0800	4/11	AB
1130	KFAN	Minneapolis MN; "AM 11-30 KFAN Minneapolis" & Fox Sports Radio	W	0700	10/11	BD
1130	KFAN	Minneapolis MN; Fox Sports "AM 11-30 KFAN Minneapolis St Paul"	W/F	0700	21/11	PC
1130	WBBR	New York NY; "From the financial capital of the world, via satellite radio and on bloomberg.com, this is WBBR New York, Bloomberg 11-3-0"	333	0600	16/10	GScW
1130	WBBR	New York NY; News on Bloomberg	332	0300	19/10	MDe
1130	WBBR	New York NY; finance talk, mention of the "Early 1960s"	F	2220	29/10	JW
1130	WBBR	New York NY; Bloomberg business talk noted, ads for "Bloomberg Country"	F	0543	31/10	Rha
1130	WBBR	New York NY; Bloomberg Business news	F/G	0539	9/11	HP
1130	WBBR	New York NY; tlk in EE // live stream	333	0521	20/11	LB
1130	CKWX	Vancouver BC; "News 11-30" IDs; "CKWX News time is 11:45"; frequent	F/G	1045	1/11	mah
1134		R Kuwait, Sulaibiyah; AA ann, songs	333	1540	6/11	MvA
1134	JOQR	NCB Tokyo (presumed); JJ tlk, unclear ID "... Hoso"; xd others	W/F	1400	1/11	mah
1134	JOQR	NCB Tokyo; Japanese talks; personal first	232	1500	7/11	MvA
1133.97	JOQR	NCB Tokyo; JJ studio chat/discussion	W/Fpks	1513	21/11	Rha
1134	HLKC	KBC Hwaseong; YL KK anns ID "HLKC"	G	1500	6/11	mah
1134	HLKC	Hwaseong; Korean talks , 1600: male ID "H L K C" mx, fem ann; personal first	333	1555	6/11	MvA
1134	HLKC	KBS 3 Radio, Hwaseong; KK ID mentioning HLKC; to 1700	343	1500	11/11	GScK

kHz	Callsign	Station, location; details heard etc	SIO	UTC	Date	Who
1140	KSLD	Soldotna AK; "The name you know and trust for sports is ESPN 11-40 the Kenai sports authority KSLD Soldotna Kenai Homer"	W/F	1400	1/11	mah
1140	WQBA	Miami FI; SS talks news Miami La Voz General	322	0205	19/10	MDe
1140	WQBA	Miami FL; SS with EE legal ID "This is WQBA 11-40 AM"	W/F	0700	13/11	JWe
1140	CHRB	High River AB (pres); C&W music/songs	W	0653	21/11	Rha
1140	CMJP	R Surco, unknown location; SS ID "... CMJP Radio Surco, desde Ciego (de Ávila?), capital de la Locución Cubana"	F	0800	15/11	mah
1160	WYLL	Chicago IL; talk show & "You're listening to Chicago's Christian talk 11-60 WYLL Chicago"	W	0654	19/11	BD
1160	WQRT	Florence KY; toth ID "Cincinnati's Real Talk AM 11-60 WQRT Florence"; in WYLL fade	W	0900	19/11	mah
1160	WVNJ	Oakland NJ; weak "WVNJ" noted; daytime power	W	2200	29/10	mah
1160	UNID	PP/SS bilingual religion – words/phrases repeated in SS after the PP	F/G	0800	20/11	mah
1161		IRIB VOIRI, Qasr-e-Shirin; Farsi, tune, talks	222	1730	16/10	GScW
1170	HLSR	KBS World/KBS Liberty 2, Kimjae; in the clear after R Rossii sign off for a few seconds with "Hanminjok Bangsong" KK ID; then VOA Poro tried to sign on but didn't succeed; (? - mah)	333	1600	11/11	GScK
1170	DWVA	Voice of America, Poro Point; EE ID, New Dynamic English	444	1604	15/10	GScW
1170	DWVA	VOA Poro Point; VOA Special E.	322	1640	18/10	MDe
1170	DVWA	VOA Poro Point; CC tlk, VOA mx; xd UK stations	Fpks	1400	6/11	mah
1170	DWVA	VOA Poro Point; English news	322	1600	8/11	MvA
1170	DWVA	VOA Poro Point; "Welcome to the Voice of America in Vietnamese"	F	1500	11/11	PL
1170	DWVA	Voice of America, Poro Point; EE ID, News in Special English	343	1630	11/11	GScK
1169.98	DWVA	VOA Poro Point; EE VOA under Spain	W	1517	21/11	Rha
1170	WWVA	Wheeling WV; "This is the Big One. The Big One. News Radio 11-70 WWVA Wheeling"	W/F	0800	7/11	PC
1179	JOOR	MBS Osaka (presumed); JJ tlk xd Germany/Spain	Fpks	1500	1/11	mah
1180	KYES	Rockville MN ; "Thanks for supporting AM 11-80 K-yes Catholic Talk Radio"	F/G	1000	4/11	mah
1180	KOFI	Kalispell MT; "Stay with us – and we'll give you something to talk about 11-80 News Talk Oldies KOFI Kalispell", ABC News	F/G	1100	8/11	mah
1180	WHAM	Rochester NY; ID "WHAM" then into C2C	F	0633	30/10	JW
1180	WHAM	Rochester NY; Sport News Radio	233	0702	2/11	MvA
1180	WHAM	Rochester NY (tent); C2C talk	W/F	0537	9/11	HP
1180	WHAM	Rochester NY; Rochester local weather then intro to Michael Savage Show	F	0106	11/11	SW
1180	CMBA	R Rebelde, Vila María; news in SS about Cuba	322	0625	19/10	MDe
1190	WOWO	Fort Wayne IN; news talk	322	0117	30/10	MDe
1190	WLIB	New York NY; gospel songs, "Inspiration station"	322	0631	7/11	MDe
1190	WLIB	New York NY; ID "This is WLIB and WBUB (?), New York"	242	0601	12/11	GScK
1190	KEX	Portland OR; "News Radio 11-90 KEX Portland", ABC News	F	1100	8/11	mah
1190	CFSL	Weyburn SK; "Another hour of great country music starts now – AM 11-90"	G	1002	4/11	mah
1190	HJCV	Radio Cordillera, Bogotá; SS ann "La Música de ..., estamos con Radio Cordillera"	222	0606	17/10	GScW

kHz	Callsign	Station, location; details heard etc	SIO	UTC	Date	Who
1190	HJCV	R Cordillera, Bogotá (presumed); SS ID “?? Radio. La programación nacional de Todelar. Todelar ...”	W/F	0800	21/11	mah
1190	XEWK	W Radio, Guadalajara ; “W Radio, servicio informativo, a la hora”	W	0800	30/10	PC
1190	XE--	W-Radio, Mexico, two sites listed; “W-Radio, servicio informativo”	W	0900	7/11	AB
1200	WXKS	Newton MA; PSA, then election discussion; mentioned website rushradio1200.com	Fpks	0024	3/11	SW
1200	WXKS	Newton MA; talk, 0555 ID “Rush Radio 12 hundred WXKS “	G	0535	9/11	HP
1200	KFNW	West Fargo ND; poor ID in the mix “... KFNW ... Fargo Moorhead ...”	P	0800	3/11	mah
1200	WOAI	San Antonio TX; ID “Twelve hundred WOAI”	W	0804	3/11	JW
1200	CJRJ	Vancouver BC ; ethnic talk of India or Punjab, male/female px & ID "RJ 12 hundred"; personal first	W	0500	22/11	Rha
1200	CFGO	Ottawa ON; sport talks	332	0606	22/10	MDe
1200	CFGO	Ottawa ON; “Sports Radio 12 hundred”	F	2334	5/11	JW
1200	CFGO	Ottawa ON; sports talk also comments of Toronto sports	W/Fpks	0433	17/11	Rha
1210	WPHT	Philadelphia PA; “WHPTWUGL HD3 Philadelphia.”; fair but in 1215 splatter	F	0700	31/10	PC
1210	VOAR	Mount Pearl NL; VOAR ID in bad 1215 splatter	Gpks	0500	9/11	PC
1210	VOAR	Mount Pearl NL; Christian music and references to “Unshackled on VOAR”	F	0755	13/11	BD
1209.99	VOAR	Mt Pearl NL; religious praises, "VOAR" anns	W	0458	22/11	Rha
1224		Galei Zahal, Beersheba, Israel; Hebrew news	243	1512	7/11	MvA
1230	WSOO	Sault Sainte Marie MI; “WSOO Sault Sainte Marie’s sports (?)”	W	0800	21/11	PC
1230	WCMC	Wildwood NJ; “WCMC 12-30 AM Wildwood”, light NOS	Wpk	2201	29/10	mah
1230	WHUC	Hudson NY (tentative); light oldies, ID “Great songs and great memories 12-30 WH” interrupted by start of CNN News	Wpk	2200	30/10	mah
1230	CFFB	Iqaluit NU; “You are listening to CBC North Radio One”	W	2059	30/10	PC
1230	CFFB	Iqaluit NU; local wx in low voice, northern low temperatures, ending “It is 7 AM Eastern”; at 1100 “This is CBC News”; // 860 kHz; echoey at times, so another CBC outlet also present	Gpks	1100	4/11	mah
1230	UNID	“We three kings of Orient are” Instrumental. Just a little early for Christmas	W	2300	4/11	PC
1230	HJKL	R Calidad, Cali ; trailer “en programa de Radio Calidad”; personal first	W/F	0100	6/11	PC
1240	CFNI	Port Hardy BC ; “The Port 12-40 is CFNI AM Port Hardy ... a Vista Radio station”; personal first ; tnx AB for checking the clip and adding detail	vW	1100	8/11	mah
1240	CKIM	Baie Verte NL; “VOCM, depend on it”	W/F	2000	29/10	PC
1242		IRIB Zanjan, Iran; Farsi male talk	333	1606	6/11	MvA
1242		Radio Oman, Seeb; chimes (BBC theme); clock striking one; personal first	232	1600	6/11	MvA
1242	JOLF	NBS Nippon Hoso, Tokyo; Japanese female talks	232	1533	7/11	MvA
1250	WGAM	Manchester NH; sports talk & promo for NFL play offs on “WGAM sports radio”	W	2202	29/10	BD
1250	WGAM	Manchester NH; “This is WGAM Manchester” ESPN	W	2200	4/11	PC
1251		IRIB1, San, Iran; ID “Radio Iran” in Arabic	332	2258	20/10	MDe

kHz	Callsign	Station, location; details heard etc	SIO	UTC	Date	Who
1260	WSKO	Syracuse NY; "... favourite sports station, WSKO Syracuse – The Score 12-60, The Score 12-60"	W	0800	30/10	PC
1260	WSKO	Syracuse NY; "WSKO first ... The Score 12-60"	W	2300	19/11	mah
1260	WRIE	Erie PA; "ESPN Radio AM 12-60 is WRIE Erie"	W	0700	31/10	PC
1270.02	CJCB	Sydney NS; sung "CJCB" college sports programme promo melancholy country music	F	0716	23/11	BD
1278	JOFR	RKB Fukuoka (presumed); JJ tlk under France	P/Fpks	1500	1/11	mah
1280	VBS2	Hamilton, Bermuda; "This is BBN on WYFQ FM Wadesboro Charlotte" & US religion	W	0600	20/11	BD
1280	VSB2	Hamilton; hymns, "this is BBN on WYFT-FM" then news	W/F	2300	5/11	JWe
1280	VSB2	Hamilton, Bermuda; "This is BBN on WYFQ FM Wadesboro"	W	0900	23/11	PC
1280	WFAU	Gardiner ME; "97 5 WIGY Madison, 12-80 WFAU Gardiner, Boston and 14-50 WRKD Rockland"	W/F	0800	30/10	PC
1280	WFAU	Gardiner ME (presumed); "... News talk ...coming up at 1.0pm" (team names unclear)	W	0702	6/11	JW
1280	WWTC	Minneapolis MN; ID "... online at am1280thepatriot.com" and "... Tuesday mornings at 5 on AM 12-80 The Patriot"	W/F	1005	4/11	mah
1280	WNAM	Neenah WI; "AM 12-80 WNAM Neenah-Menasha, Green Bay"	W	0700	4/11	PC
1280	WCMN	Arecibo PR; talk show & "Noti uno Noticias"	W/F	2153	29/10	BD
1280	UNID	Religious talk VSB2??	W/F	0802	6/11	JW
1287	JOHR	HBC Sapporo; JJ tlk right through toth; 1403 anns, ads, nice ID "HBC Radio" and "Enquiring News Radio"	F/Gpks	1400	1/11	mah
1287		2stations listed, Thailand; Thai male and female ads; personal first	242	1501	7/11	MvA
1290	WJNO	West Palm Beach FL; "12-90 WJNO West Palm Beach and also (?)cast in high definition on 98.7 HD3"	W/F	0800	14/11	PC
1290	KGVO	Missoula MT; promo "Montana Morning weekdays 6 to 8.30 on News Talk Radio 12-90 KGVO Missoula ... Montana's news talk leader"	Fpks	1058	8/11	mah
1290	WKBK	Keene NH; "This is Keene's news station, AM 12-90 WKBK"	W	2200	3/11	PC
1290	WDZY	Colonial Heights VA ; "Radio Disney" promo Disney pops // WQEW; power drop 2230 prompt; personal first	W	2226	28/10	BD
1290	WMCS	Greenfield WI; "12-90 The Talk of the Town ... Greenfield, Milwaukee"; also W/F 2300 4/11	W	0800	4/11	PC
1290	CFRW	Winnipeg MB; "Sports Radio 12-90 CFRW Winnipeg. All sports, all the time"	W/F	0600	7/11	PC
1290	CJBK	London ON; "News Talk 12-90 CJBK" & CP news	W	0700	1/11	BD
1290	YVLF	Radio Puerto Cabello; SS IDs at 0606 and 0611	333	0602	16/10	GScW
1290	YVLF	R Puerto Cabello; SS ID Noticias Cabello	322	0128	19/10	MDe
1290	YVLF	R Puerto Cabello; Mexican music, TC, ID	243	0617	26/10	MvA
1290	YVLF	Radio Puerto Cabello; SS pops & "Radio Puerto Cabello"	W	0725	8/11	BD
1296		VOA Kabul, Afghanistan; VOA Special English, a way to learn American English; also 444 2200 15/10, 444 2130 16/10	444	2030	16/10	GScW
1296		R Ashna, Kabul; ID "Injah ... Radio Ashna"; 344 1600 15/10	444	1930	16/10	GScW
1296		Radio Ashna, Kabul, Afghanistan; male ID, also giving freqs	344	1501	7/11	MvA
1296		Voice of Azerbaijan, Ganca; mx, fem ann, talks on Azerbaijan	333	1510	7/11	MvA
1300	WOOD	Grand Rapids MI; "News Radio 13 hundred WOOD Grand Rapids" & CBS News	W	0800	4/11	BD

kHz	Callsign	Station, location; details heard etc	SIO	UTC	Date	Who
1300	WXRL	Lancaster NY; "WXRL Lancaster, Buffalo. Western New York's family radio station"; also 0000 23/11	W/F	2300	4/11	PC
1300	WXRL	Lancaster NY; "WXRL Lancaster Buffalo Western New York's family radio station"	F	0800	6/11	mah
1300	WGDJ	Rensselaer NY; "WGDJ Rensselaer is Talk 13-hundred"	W/F	0800	14/11	PC
1305		CNR2 multiple sites listed, China; TS, CC/EE ID "Zhongyang Renmin Guangbo Diantai. Jingji zhi Sheng. China Business Radio"	F/G	1500	6/11	mah
1305		CNR2, many locations, China; CC time pips, Beijing time check	141	1400	11/11	GScK
1305	UNID	Second Asian language station noted on channel, clearly different time pips; this one had 5 short and one long, all 1 kHz, the second (presumably CNR2) had 5 longer pips at 800 Hz, with a sixth longer still pip at 1.6 kHz, running 2 secs later; further investigation required	W/F	1500	6/11	mah
1305	UNID	5 low tone timepips 1 high tone timepip and 1 lower tone timepip; female talk; later on music; Thai??	232	1500	7/11	MvA
1310	WLOB	Portland ME; "wlobradio.com" & promo "tomorrow morning on WLOB"	F	2205	28/10	BD
1310	WLOB	Portland ME; "WLOB-FM ... in Portland, WLOB and ..." talk	W	2259	7/11	JWe
1310	WCCW	Traverse City MI; "13-10 ESPN Radio WCCW AM Traverse City"	W	0800	7/11	PC
1310	KNOX	Grand Forks ND; "News Talk 13-10 KNOX ... Grand Forks and online at knoxradio.com"; in the mix	P/F	0805	4/11	mah
1310	KZXR	Prosser WA; "ESPN Deportes Radio", no local ID as far as I could tell	Gpks	1100	8/11	mah
1310	WIBA	Madison WI; various mentions of WIBA; "WIBA Madison" hrd	W	0800	10/11	PC
1310	CIWW	Ottawa ON; "At the tone 13-10 News time 6:30" & rolling news	F	2230	28/10	BD
1310	CIWW	Ottawa ON; "Ottawa's all news radio, 13-10 News" with reports & updates	W/Fpks	2202	21/11	Rha
1310.013	YVSM	Radio Nacional de Venezuela, Barcelona; YL with Radio Nacional de Venezuela" IS & talk	F	0728	17/11	BD
1310	UNID	"13-10 Newstime it's 9.11" at 0111- US clocks still summertime	Fpks	0109	7/11	SW
1314		IRIB1, Ardabil, Iran; OM in talk // 549 etc kHz	F	1700	8/11	PL
1314	JOUF	OBC Osaka; JJ tlks, "Radio Osaka OBC" sung ID	Fpks	1400	1/11	mah
1320	WATR	Waterbury CT; Fox News Radio, then report ending "... I'm Steve ... Connecticut Radio News", shortly an ID "13-20 WATR"; daytime power	Fpks	2206	29/10	mah
1320	WATR	Waterbury CT; "Your radio station for news, talk and Good Time Oldies, WATR, Waterbury"	W	2200	2/11	PC
1320	WILS	Lansing MI; "13-20 WILS Lansing. It's 8 o'clock"	W/F	0000	3/11	PC
1320	WJAS	Pittsburgh PA; "WJAS, Pittsburgh's (light?) music station, 13-20 WJAS"	W	0903	19/11	mah
1320	WVNZ	Richmond VA; light religious mx, OM/YL EE/SS ID at 2159:25 "You're listening to Selecta on 13-20 WVNZ Richmond. Estan escuchando ..."; daytimer, personal first	W	2200	21/11	mah

kHz	Call sign	Station, location; details heard etc	SIO	UTC	Date	Who
1320	CHMB	Vancouver BC; CC programming, EE ID "This is CHMB AM 13-20 Vancouver"	G	1100	6/11	mah
1320	CJMR	Mississauga ON; Pushty (?) talks	222	2300	16/10	GScW
1320	CJMR	Mississauga ON; Punjabi music & EE spots	W/F	2142	29/10	BD
1320	WSKN	San Juan PR; SS anns "Radio Isla presente ... en Puerto Rico"	W/F	0659	30/10	mah
1320	YVWP	Radio Apolo, Turmero; sports & "Apolo"	F	0159	13/11	BD
1323		CRI, China – usual fanfare, under Rossii	W	1300	8/11	mah
1330	WRCA	Watertown MA; Latin rhythms & "A member of the Beasley ... WRCA"	F	2152	29/10	BD
1330	WRCA	Watertown MA; English legal ID "A member of the Beasley Broadcasting Group this is 13-30 WRCA"	F	0000	3/11	SW
1330	WRCA	Waltham MA (presumed); FF talk and FF music	F	2305	7/11	JW
1330	WRCA	Watertown MA; tropical songs	332	0130	11/11	MDe
1330	WFNN	Erie PA; "Sports Radio WFNN Erie The Fan", Fox sports talk	W/F	0700	2/11	BD
1330	WFNN	Erie PA; "WFNN Erie, The Fan"	W	0700	2/11	PC
1330	WFNN	Erie PA; "Fox Sports Radio WFNN Erie The Fan"	W	0800	3/11	AB
1330		Radio Visión Cristiana, 3 sites listed; YL ID "WWRV 13-30 AM New York, WRVP 13-10 AM Mount Kisco, WWCL 14-40 AM Fort Myers Florida, 5-30 AM Caicos Islands, British West Indies"	F	0802	20/11	ab/mah
1332	JOSF	Nagoya (presumed); JJ tlk	Fpks	1500	1/11	mah
1340	WYBC	New Haven CT (tentative); ID "(Here's news?) on 13-40 WYBC"; too weak to be sure	vW	0904	19/11	mah
1340	WIRY	Plattsburgh NY; wx, "Hometown Radio WIRY Plattsburgh ... WIRY ... wiry.com ... enjoy the hockey game at 6.25"; brief peak at toth; personal first	Wpk	2200	30/10	mah
1340	CFYK	Yellowknife NT; "You're listening to CBC North Radio One"	Gpks	1000	6/11	mah
1340	HJFB	Fiesta 13-40, SF de Bogotá; LA mx, SS IDs "13-40 AM" at 0759, and "Se incluso Fiesta" at 0806	W	0759	20/11	ab/mah
1350		TWR Gavar, Armenia; OM in Turkish talk	F	1942	17/11	PL
1350	JOER	RCC Hiroshima; JJ tlks, mention of "RCC" at 1505	Fpks	1500	31/10	mah
1350	KTIK	Nampa ID; "... this station 13-50 KTIK" and ESPN Radio Sports Centre	vW	1000	8/11	mah
1350	WEZS	Laconia NH; "Your home for the greatest hits of the 60s and 70s New Hampshire's Good Time Oldies station WEZS Laconia. Oldies 13-50"; daytime power	Fpks	2200	29/10	mah
1350	WARF	Akron OH; "WARF Akron, from the (?) studios"	W	0800	30/10	PC
1350	WOYK	York PA; spot for York business & WOYK programme promo	W	2154	29/10	BD
1350	UNID	Eastern sounding music, perhaps Mongolia or Armenia, or European in origin? Anns at 1303 in unidentified language and phone talk; JJ tlk underneath	G	1300	8/11	mah
1359		CNR1, multiple locations, China; CNR tune in DRM mud	222	2000	16/10	GScW
1360	WMOB	Mobile AL; religious px, ID "You're listening to WMOB Mobile"; in WDRC fade, personal first	Gpk	0903	19/11	mah
1360.02	WSAI	Cincinnati OH; Fox Sports with sports of NBA; ID "We are Fox Sports Radio 13-60; personal first	W/Fpks	0634	19/11	Rha
1360	KKMO	Tacoma WA; Mexican mx, SS ID "... en Tacoma ... El Rey 13-60"	G	1105	6/11	mah
1360	UNID	"Start your day the right way with Mike and Mike in the Morning on ESPN Radio 13-60 AM W???"	Fpks	2200	21/11	mah

kHz	Callsign	Station, location; details heard etc	SIO	UTC	Date	Who
1368		IRIB Sari, Iran; Farsi female ann, music	343	1520	7/11	MvA
1368		CNR1, Karamay, China; CC talks, time pips, ID, nx	242	1500	11/11	GScK
1370	WDEA	Ellsworth ME; Gary Puckett 's Young Girl, ID "You're listening to original radio station, AM 13-70 WDEA, Ellsworth, a cumulus station" CBS News; also 322 0529 16/10	333	0100	17/10	GScW
1370	WDEA	Ellsworth ME; CBS News	322	0110	30/10	MDe
1370	WDEA	Ellsworth ME; nostalgia/oldies	W/Fpks	0438	22/11	Rha
1370	WXXI	Rochester NY; "You are listening to WXXI AM Rochester and WXXI"	W	0600	29/10	PC
1377		R Free Africa, Mwanza, Tanzania; Swahili phone-in programme; France was off the air; personal first	333	2301	9/11	MvA
1377		R Free Afrika, Mwanza, Tanzania; ID " Radio Free Afrika" under Asian Sound	322	2358	9/11	MDe
1377		TWR Gavar, Armenia; RR, locals ID "Transworld Radio Gavar", short church songs	F/G	1320	7/11	Rha
1377		CNR1, Henan, China; Yungyung Radio ? jingle	433	2130	16/10	GScW
1377		CNR1 multiple sites listed, China; CC tlc TS (five 800 Hz short, sixth pip longer 1.6 kHz), then ID "Zhongyang Renmin Guangbo Diantai. Zhongguo zhi Sheng"; xf Lille, France	Gpks	1500	6/11	mah
1380	KLIZ	Brainerd MN; "Sports Talk Radio for the Brainerd Lake 13-80 KLIZ AM Brainerd Baxter The Fan", Sporting News Flash	F/G	1000	4/11	mah
1380	WSYB	Rutland VT; local ad, jingle ID "WSYB"; daytime power	Fpks	2158	29/10	mah
1380	WSYB	Rutland VT; "WSYB 13-80" heard in noise!	W	2200	9/11	PC
1380	KRKO	Everett WA; "Fox Sports 13-80 KRKO", then splattered	Gpks	1000	11/11	mah
1380	CKPC	Brantford ON; "country favourites on AM 13-80" slogan & country music	W/F	0712	28/10	BD
1380	CKPC	Brantford ON; oldies, "AM 13-80 CKPC ... keeping Brantford in AM (format?)"	G	0731	7/11	JWe
1380	CKPC	Brantford ON; YL weather then OM with ID "We are 13-80 the F broadcasting service of Brant County and ..? then into Country music	F	2251	8/11	JW
1386		Tianjin PBS, China (pres); Chinese music	242	1523	7/11	MvA
1386	JO--	NHK2, various sites; Japanese OM/YL talks; personal first	232	1527	7/11	MvA
1386	UNID	Afghan music type ; this could be Radio Paktin Voice, Afghanistan	242	1520	7/11	MvA
1386	UNID	Asian talks; pips at 1530 and Indian music at 1531; possibly AIR Gwalior	232	1529	7/11	MvA
1390	WEGP	Presque Isle ME; ID "13-90 WEGP"	F	2303	26/10	JW
1390	WEGP	Presque Isle ME; promotion for Coast to Coast with George Noory on the Talk of the County. Note that the legal ID at the top of the hour varies frequently naming different towns in Eastern Maine and Western New Brunswick	G	2158	2/11	SW
1390	WEGP	Presque isle ME; WEGP Weather	242	0632	12/11	GScK
1390	WEGP	Presque Isle ME; news on "the most powerful AM station WEGP AM 13-90 Presque Isle"		0700	19/11	Rha
1390	WEGP	Presque Isle ME; OM talk, "Talk of the County" ID	W	0548	23/11	HP
1390	WLCM	Holt MI; "13-90 WLCM Holt Lansing"	W	0800	31/10	PC
1390	WMER	Meridian MS ; "W226BI Meridian, 93.1 FM ... Christian Radio 1390 AM and 93.1 FM WMER"; personal first ; tnx AB	W	0700	28/10	PC

kHz	Call sign	Station, location; details heard etc	SIO	UTC	Date	Who
1390	KJOX	Yakima WA; "... 13-90 KJOX ... 1390kjo.com" and ESPN Radio Sports Centre	Fpks	1000	11/11	mah
1390	HRVC	La Voz de Evangelica, Tegucigalpa; just heard ID in peak and quickly disappearing; mixing with UNID Latin.	F	0604	10/11	HP
1390	ZYI788	R Jornal, Pesqueira; PP OM ID in mix with R Planalto	W/F	0538	3/11	HP
1390.02	ZYJ687	R Planalto, Jí-Paraná; PP OM/YL talk (offset ID)	W/F	0539	3/11	HP
1400	KSPT	Sandpoint ID ; "AM 1400 KSPT Sandpoint AM 14-50 KBFJ Bonners Ferry, north Idaho's talk radio", ABC News; personal first	W	1100	8/11	mah
1400	WOND	Pleasantville NJ; "News Talk 14 hundred WOND Pleasantville Atlantic City" & ABC News	W	0700	29/10	BD
1400	WOND	Pleasantville NJ; trailer for Rush Limbaugh, "News Talk 14 hundred WOND"; dominant over presumed CBG	F/G	0631	13/11	JWe
1400	WSLB	Ogdensburg NY; "ESPN Radio 14-hundred WSLB Ogdensburg"	W	0900	7/11	PC
1400	CBG	Gander NL; local magazine programme for Labrador & NL but reference to cbc.ca website	F	2050	2/11	SW
1400	CBG	Gander NL; YL "On CBC Radio 1"	F	2230	4/11	JW
1400		Harbour Light of the Windwards Carriacou (presumed); religious talk mixing with CBC	F	2239	1/11	JW
1400		Harbour Light of the Windwards, Carriacou, Grenada; Gospel singing. "This is the Harbour Light"	F	0001	8/11	PC
1400		Harbour Light, Carriacou; full ID mentions 1400 and FM 92.3 and 94.5	Fpks	2200	8/11	SW
1400		The Harbour Light of the Windwards, Carriacou (presumed); end of religious programme from The Caribbean Beacon, Anguilla, followed by Glimpses of Calvary at 0000	F/G	2358	12/11	JWe
1400	HJKM	Emisora Mariana, Bogotá; SS mx and very poor ID "Emisora"	222	0220	11/11	MDe
1400	UNID	"AM 14-hundred and 14-90, we're here to help the (poor?)" Perhaps WVAE but not // 1490 WBAE	W	2230	7/11	PC
1410	WPOP	Hartford CT; NOS, "Another service of AM 12-20 WQUN Hamden ..."; a little unusual	F/G	2300	29/10	mah
1410	WPOP	Hartford CT (tent); talk	W	0602	9/11	HP
1410	CFTE	Vancouver BC: "This (Warren Philips?), you're listening to the home of the BC Lions The Team 14-10", ESPN Radio Sports Centre	F	0700	4/11	mah
1410	XEBS	La Más Perrona, México DF; SS ans, ID "... en La Más Perrona ... XEBS (14-10?) AM ..." etc; fluttery	F	0800	15/11	mah
1410	XEBS	Sinfonola la más Perrona, México DF; "Grande Sinfonola ..." & F accordion style rancho songs	F	0731	18/11	BD
1410	YVSP	Radio Simpatía, Valera ; MOR Latin rhythms & sung "Radio Simpatía"; personal first	W/F	0700	8/11	BD
1413		Xinjiang PBS, China; pips, NA	232	1500	7/11	MvA
1413	JOIF	KBC Fukuoka; JJ ID at 2000 just in the clear after sign off of Golos Rossii; strong at 2005	444	2000	16/10	GScW
1413	JOIF	KBC Fukuoka; Japanese female talks	232	1501	8/11	MvA
1413.02	JOIF	KBC Fukuoka; JJ phone-in talk	W/F	2137	21/11	Rha
1420	WOC	Davenport IA; "News Radio 14-20 WOC Davenport Quad Cities"	W	0700	2/11	PC
1420	WBEC	Pittsfield MA; "AM 14-20 WBEC Pittsfield", Fox Sports	W	0900	23/11	PC

kHz	Callsign	Station, location; details heard etc	SIO	UTC	Date	Who
1420	WBSM	New Bedford MA; "This is WBSM New Bedford ... AM 14-20 WBSM"	W/F	2300	3/11	PC
1420	WBSM	New Bedford MA; "This is WBSM New Bedford, Citadel Broadcasting. 14-20 WBSM", then ABC News	Fpks	0700	5/11	AB
1420	KTOE	Mankato MN; usual KTOE jingle	W/F	0800	7/11	PC
1420	WHK	Cleveland OH; "WHK Cleveland. This is News Talk 14-20 WHK. A service of Salem Communications"	F	0800	30/10	PC
1420	WHK	Cleveland OH; "... on Newstalk 14-20 WHK. WHK Cleveland. You're listening to Newstalk 14-20 WHK, a service of Salem Communications". No room for any doubt there!	F	0800	7/11	AB
1430	WKOX	Everett MA; EE spot, "Mia" slogans & MOR Latin rhythms	W/F	2144	29/10	BD
1430	WKOX	Everett MA; light Latin mx, EE/SS ID "WKOX Everett Boston Mia 14-30"; daytime power	F	2202	29/10	mah
1430	WNSW	Newark NJ; "AM 14-30WNSW Newark"	W	2300	3/11	PC
1430	WENE	Endicott NY (pres); slogan "Sports Radio 14-30" promo for Jim Rome Show	Fpks	0018	3/11	SW
1430	KLO	Ogden UT; "KLO Salt Lake City 14-30 KLO kloradio.com" and CBS News	F	1000	4/11	mah
1430	KLO	Ogden UT; "14-30 KLO, kloradio.com"	W	0700	7/11	PC
1430	WBEV	Beaver Dam WI ; "Your station for the Packers, Brewers and Badgers and also the home of (?) weekday mornings 7 to 9, AM 14-30 WBEV Beaver Dam"	W	0700	4/11	PC
1430	CHKT	Toronto ON; scheduled CC studio talk programme	W	2151	29/10	BD
1430	ZYJ200	Rádio Clube B2, Curitiba; PP spots, "Rádio Clube ..." & talk show	F	0700	15/11	BD
1440	JOWF	STV Sapporo ; YL JJ tlks hrd from 1446, getting weaker; JJ IDs at 1500 "STV Radio" x2 and another mention of "STV"; xf Saudi Arabia; also Gpks 1400 1/11	Fpks	1500	31/10	mah
1440	WRED	Westbrook ME; "The Big Jab sports radio WJJB FM Gray Portland WRED Westbrook Portland" & Fox sports	G	0300	6/11	BD
1440	WRED	Portland ME; "96.3 FM the Big Jab"	G	0128	19/11	SW
1440	WDRJ	Inkster MA ; "Detroit's Christian (?) WDRJ 14-40 AM"	W/F	0300	10/11	PC
1440	WHKZ	Warren OH; mentioning sister station 1220 WHKW; weak	232	0102	17/10	GScW
1440	WHKZ	Warren OH; "... WHKZ Warren, a service of Salem Communications. SRN News"	W/F	0800	30/10	PC
1440	WHKZ	Warren OH; "... WHKZ Warren. SRN News is next on The Word, a service of Salem Communications"	F	0900	7/11	AB
1440	WHKZ	Warren OH (presumed); English rlg px, no ID heard	232	0812	8/11	MvA
1440	CKJR	Wetaskiwin AB ; "... downtown Wetaskiwin, this is 14-40 CKJR, a Newcap radio station W 14-40", and "W 14-40" jingle	Fpks	1000	8/11	mah
1440	UNID	Over Luxembourg DRM hash with talk about NFL/Raiders and Chiefs (probably WRED) – unusual reception here	Fpks	0858	3/11	SW
1449		VOIRI, Bandar-e-Torkaman, Iran; Farsi - gong, ann, news tune; 333 also 444 1900 15/10, 333 1700 16/10		1700	15/10	GScW
1450	VSBI	Hamilton, Bermuda; "14-50 AM, Gold" & nostalgia music	W	0659	16/11	BD
1450	KONP	Port Angeles WA; "News Radio 14-50 KONP Port Angeles ... AM 14-50 FM 102.1"	F/P	1000	6/11	mah
1460	WHIC	Rochester NY; "Station of the Cross" "You're listening to 14-60 AM WHIC Rochester"	W/F	0600	29/10	PC

kHz	Call sign	Station, location; details heard etc	SIO	UTC	Date	Who
1467		IRIB Isfahan, Iran; Farsi news	333	1801	15/10	GScW
1467		IRIB Isfahan, Iran; Farsi	433	1600	6/11	MvA
1467		IRIB1 Isfahan, Iran; music px	333	0210	16/11	FW
1467	HLKN	Mog'po; KK ID mentioning call letters, time pips, intro mx	433	1900	15/10	GScW
1467		TWR, Bishkek, Kyrgyzstan; RR ID, 1700 Tadjik; also 444 1700344 16/10		1645	15/10	GScW
1467		TWR Bishkek, Kyrgyzstan; TWR IS, mx, English ID, rlg song	343	1443	8/11	MvA
1470	WMBD	Peoria IL; "WMBD Peoria" heard in the mix	W	0800	4/11	mah
1470	WLAM	Lewiston ME; oldies	322	0204	23/10	MDe
1470	WLAM	Lewiston ME; oldies, Elton John "Don't Go Breaking My Heart"	F	0606	30/10	JW
1470	WLAM	Lewiston ME; with contemporary oldies programme	W	0450	8/11	Rha
1470	WLAM	Lewiston ME; ID "WLAM"	333	0600	16/11	GScW
1470	WNYY	Ithaca NY; "... for progressive talk, 14-70 WNYY"	W/F	2200	30/10	PC
1470	KBSM	Moses Lake WA; C2C, promo "The Old Farmers Almanac Radio Report weekday mornings at 7:45 - AM 14-70 KBSN Moses Lake"	F	1059	4/11	mah
1470	WBKV	West Bend WI; "Classic country, WBKV West Bend"	W	0800	19/11	PC
1470	CJVB	Vancouver BC; three time pips & YL in CC	W	0700	2/11	BD
1470	CJVB	Vancouver BC (pres); CC talk, no ID hrd	W/F	0505	22/11	Rha
1470	XEAI	Radio Fórmula, México DF; happy-go-lucky Latin rhythms	W/F	0712	3/11	BD
1470	YVSY	Radio Vibración, Carúpano; "Radio Vibración 14-70" – absent for a long time here	W	2202	30/10	AB
1470	YVSY	R Vibración, Carúpano, IS slogan and time check between music. South America very rare this season.	Fpks	0012	14/11	SW
1470	YVSY	Radio Vibración, Carúpano; "Vibración 14-70 AM cala hora" TC & lively Latin rhythms	W/F	0701	22/11	BD
1476	UNID	male Chinese followed by 3 low tone timepips and 1 high tone timepip, female talks	233	1459	7/11	MvA
1480	WHBC	Canton OH; "News Talk 14-80 WHBC, Canton Ohio"	F	0600	29/10	PC
1480	WHBC	Canton OH; talks, ID "Newstalk 14-80 WHBC"	W	0606	9/11	HP
1480	KBMS	Vancouver WA (tentative); light songs, ID, but call not clear enough to count as definite "This is 14-80 KBMS"	Fpks	1004	11/11	mah
1480	WLMV	Madison WI; "14-80 AM La Movida. WLMV Madison. La Movida"	F	0800	4/11	PC
1500	WFIF	Milford CT; "We're life changing radio, WFIF Milford"	W	2200	29/10	AB
1500	WFIF	Milford CT; "WFIF weather update" and "We're Christian radio for southern Connecticut AM 1500 WFIF Milford. It's 6 o'clock"; under/equal WFED; daytimer	Fpks	2200	30/10	mah
1500	WFED	Washington DC; "From the WFED capital's sports desk the sports news" Capital Hockey team info	F	2229	28/10	BD
1500	WFED	Washington DC; content legal disclaimer from "Federal News Radio"	F	0005	3/11	SW
1500	WFED	Washington DC; ID "Federal News Radio"	F	0746	8/11	JW
1500	WFED	Washington DC; English IDs	333	0805	8/11	MvA
1500	WFED	Washington DC; IDs, YL news talk	F	0608	9/11	HP
1500	WFED	Washington DC; Federal News & comments	W/Fpks	0615	19/11	Rha
1500	KHKA	Honolulu HI ; echoey/booming ID making it difficult to copy, despite reasonably good signal "... radio, KHKA Honolulu ... ESPN 15 hundred", followed by "ESPN Radio Sports Centre"	F	1200	1/11	mah

kHz	Callsign	Station, location; details heard etc	SIO	UTC	Date	Who
1500	WLQV	Detroit MI; "Faith Talk 15-hundred" ID under WFED	W	0800	8/11	PC
1500	KSTP	Saint Paul MN; much talk on "KSTP", news	W/F	0712	21/11	Rha
1499.89	OBX 41	R Santa Rosa, Lima; SS, national Peruvian music under WFED	W	0706	21/11	Rha
1503		IRIB1, Bushehr, Iran; Farsi, "Radio Iran" ID	343	1630	15/10	GScW
1503		IRIB1, Bushehr, Iran; noted giving a website address ending in ".ir" heard at 1438	F	1438	4/11	SW*
1510	KCKK	Littleton CO; ad, ID "AM 15-10 KCKK Littleton Denver FM 93-7 K229BS Lakewood" and Sporting News Flash	F/G	0800	4/11	mah
1510	KCKK	Littleton CO; "Your station for the best sports in (?) 15-10 KCKK Littleton Denver"	W	0700	21/11	PC
1510	WWZN	Boston MA; "This is the new AM-15-10 Revolution Boston. WWZN Boston" I find no reference to Spanish heard on 1510 this month – have they dropped Spanish?				SW
1510	WWZN	Boston MA; news	343	0610	22/10	MDe
1510	WWZN	Boston MA; ID and web site given "revolutionboston.com"	G	0600	26/10	JW
1510	WWZN	Boston MA; live sports		0608	31/10	Rha
1510	WWZN	Boston MA; ID "This is the new AM 15-10 Revolution Boston"	222	0230	16/11	GScW
1510	WWZN	Boston MA; web address "wwzn boston.com," Then sports talk and ID "This is the new Revolution AM 15-10 WWZN"	F	0420	22/11	Rha
1510	WWZN	Boston MA (tent); sports talk; also G 0609 9/11	W	2240	22/11	HP
1510	WLAC	Nashville TN; "15-10 WLAC and WLAC HD3 Nashville"	W	2300	30/10	PC
1510	WLAC	Nashville TN; C2C, "News Radio 15-10 WLAC" & Fox News	W/F	0657	2/11	BD
1510	KGA	Spokane WA; "Sports Radio 15-10 KGA"	F	0900	30/10	mah
1510	KGA	Spokane WA; "Sports Radio 15-10 KGA Spokane. Number one for local sports and the home of the Zaga(?) Bulldogs Basketball"	W/F	0700	2/11	PC
1512		IRIB, Ardabil, Iran ; Farsi "R Iran" ID // 1503 kHz ; also 343 1600 15/10	444	2100	16/10	GScW
1512		IRIB1, Ardabil, Iran; two "Radio Iran" IDs by female announcer, short piece of orchestral music, talk	G	1930	6/11	JWe
1512		Call of Islam, Jeddah, Saudi Arabia; music	333	2310	1/11	FW
1520	WIZZ	Greenfield MA; "Wizz Radio 15-20 WIZZ Greenfield"; daytimer, personal first	W/F	2200	29/10	PC
1520	WIZZ	Greenfield MA (presumed); jazz; under/over WWKB, but no IDs caught	Fpks	2158	30/10	mah
1520	WWKB	Buffalo NY; "Your source for progressive talk, in Western New York, AM 1540, WWKB, Buffalo"	444	0600	16/10	GScW
1520	WWKB	Buffalo NY; about Obama news	333	0320	19/10	MDe
1520	WWKB	Buffalo NY; "You are listening to a new choice, a new voice AM 15-20"	F	0606	28/10	JW
1520	WWKB	Buffalo NY; YL scheduled talk show & "AM 15-20" slogan	F/G	2142	29/10	BD
1520	WWKB	Buffalo NY; early signal with legal ID at 2200; WWKB is the most consistent trans-Atlantic visitor this season	G	2200	2/11	SW
1520	WWKB	Buffalo NY; usual talk	G	0524	9/11	HP
1520	KOKC	Oklahoma City OK; "News talk 15-20 K-OKC, Oklahoma City" under WWKB	W/F	0700	21/11	PC
1520	HJLI	JC Radio Bogotá; Up-tempo "Jay See" jingle & SS pops	F	0730	17/11	BD
1521		CRI Urumqi; RR "Radio Kitaya" ID also 544 1900 15/10	554	1700	15/10	GScW
1520.97		CRI Urumqi, China; RR nx, "Radio Kitaya" ID	F/G	1408	1/11	Rha
1521		China Radio International, Urumqi; tlk in RR, jingle	333	1425	1/11	LB

kHz	Callsign	Station, location; details heard etc	SIO	UTC	Date	Who
1521		CRI Urumqi, China; Russian px, 100% perfect reception	G	1340	4/11	SW*
1521		CRI Urumqi; ID "Radio Kitaya" in Russian and Chinese	444	1402	8/11	MDe
1521		General Arabic Programme, Duba, Saudi Arabia; ID, news	333	0200	30/11	FW
1530		VOA Pinheira, São Tomé; EE ID during silent period of Romania	232	2200	15/10	GScW
1530		VOA São Tomé; behind Pulse 2: "... signing off. For information regarding the time and frequencies of VoA ..."	W	2200	30/10	AB
1530		VOA São Tomé; "This is the Voice of America Washington DC signing off", and close-down anns	F/G	2200	30/10	mah
1530	WCKY	Cincinnati OH; Brother Stair then "15-30 WCKY the 50,000 watt orange and black home of the Cincinnati Bengals"	W	0700	28/10	PC
1539		IRIB Yozd, Iran; AA news, ID as "Radio Iran"	444	2110	22/10	MDe
1539		CNR1, Qinghai, China; CNR tune and ID under Aap Ki Dunyaa; also 222 1700 15/10	121	1700	16/10	GScW
1539		CNR1 Kashi, Xinjiang, China; Intro China melody	322	1700	1/11	MDe
1539		CNR1 Kashi, Xinjiang, China; CC tlk TS (five 800 Hz short, sixth pip longer 1.6 kHz), then ID "Zhongyang Renmin Guangbo Diantai. Zhongguo zhi Sheng"	F/G	1500	6/11	mah
1539		VOA, Ayutthaya, Thailand; EE ID "This VOA news"; just in the clear after ERF sign off	444	2100	15/10	GScW
1539		VOA R Aap Ki Dunyaa, Al Dhabbiya, UAE; ID "VOA Radio Aap"	332	1719	18/10	MDe
1539		VOA R Aap Ki Dunyaa, Al-Dhabbiya, UAE; Urdu news	344	1600	6/11	MvA
1539		Asianet Radio, Sadiyat, UAE; music px	222	0210	28/10	FW
1540	KREA	Honolulu HI ; KK tlk, in/out of noise; Radio Seoul mx and EE ID at 1101 "AM 16-50 KFOX You are listening to southern California's number one Korean language radio station"; first Hawaiian of the season!	Fpks	1100	1/11	mah
1540	KXEL	Waterloo IA; "We are 15-40 KXEL, Waterloo Cedar Falls"	W/F	0700	31/10	PC
1540	KXEL	Waterloo IA; national weather forecast for whole USA on Midnight Radio Network	F	0734	3/11	SW
1540	KXEL	Waterloo IA; ad, ID "Newstalk 15-40 KXEL"	322	0755	4/11	MvA
1540	KXEL	Waterloo IA; "News Talk 15-40 KXEL Waterloo Cedar Falls" & ABC News	W	0700	8/11	BD
1540	WDCD	Albany NY; "15-40 WDCD Albany" & religious talk show	W/F	2200	28/10	BD
1540	WDCD	Albany NY; early signal with legal ID; "Christian Talk WDCD Albany"	F	2200	2/11	SW
1540	CHIN	Toronto ON; CC programming from CRI, EE ID "This is CHIN Radio 97.1 FM in Ottawa and 15-40 AM in Toronto"; also 222 0027 16/10, 333 0300 17/10	222	2200	15/10	GScW
1540	CHIN	Toronto ON; CHIN	332	0107	21/10	MDe
1540	CHIN	Toronto ON; "on 15-40 AM, Canberra Australia 88FM etc etc... this is the Beijing hour, brought to you twice a day, by China Radio International"	G	2301	3/11	JW
1540	CHIN	Toronto ON; legal ID mentions AM, FM & internet	G	0100	19/11	SW
1540	ZNS1	Nassau, Bahamas; pop music and talks "Voice of de Bahamas" ID, // webstream	322	0030	7/11	MDe
1550	CBE	Windsor ON; IS & CBC News	W/F	0700	1/11	BD
1557		WYFR Kouhu, Taiwan; Bible talks in EE	322	2050	19/10	MDe
1556.97		WYFR Kouhu, Taiwan; EE rlgx px, Family Radio music	F	1403	1/11	Rha

kHz	Callsign	Station, location; details heard etc	SIO	UTC	Date	Who
1557		WYFR, Kouhu Taiwan; Chinese YL spelt out "F-a-m-i-l-y-r-a-d-i-o-c-o-m" WYFR Taiwan on my car radio !!! Later heard with English (US accented) Christian programme	F	1359	4/11	SW*
1557		WYFR, Kouhu, Taiwan; Family Radio promos/info "www.familyradio.com" and back to Open Forum	Gpks	1500	6/11	mah
1557		WYFR Family Radio, Kouhu, Taiwan; English religious px, phone call; early reception	333	1457	7/11	MvA
1557		WYFR Kouhu, Taiwan; EE ID "Welcome to Family Radio, I'm Brother Ray"	F	1533	9/11	HP
1557		WYFR, Kouhu, Taiwan; deep voiced OM giving address	333	1615	9/11	TB
1557		WYFR Kouhu, Taiwan; EE "... at www.familyradio.com", Open Forum; also 444 1630 15/10, 444 1900 16/10 etc	333	1500	11/11	GScK
1560	WQEW	New York NY; a rare one Radio Disney promotion	G	0856	3/11	SW
1560	WQEW	New York NY; Disney pops	W	0745	11/11	JW
1560	WQEW	New York NY; Radio Disney pops	W/Fpks	0632	19/11	Rha
1560	KVAN	Burbank WA; "This is KRSC 1400 Othello and KVAN 1560 ?? La estación de la familia"; SS programming	F	1100	8/11	mah
1566		AIR Nagpur, India; EE ID, news about Commonwealth Games, 1735 Hindi news; also 444 1730 16/10	333	1630	15/10	GScW
1566	HLAZ	FEBC Cheju, Korea; RR, extremely strong with very nice full ID; also 544 1900 15/10, 444 2100 16/10	544	1830	16/10	GScW
1566	HLAZ	FEBC Cheju; Korean songs and talks by male good	444	2100	20/10	MDe
1566	HLAZ	Jeju, Korea; Russian religious px, soft mx bridges, 1856 ID	F/G	1845	2/11	HP
1566	HLAZ	FEBC Cheju, Korea; Chinese talk, no ID at toth	343	1400	11/11	GScK
1566	UNID	Asian-language station, xf UK locals; HLAZ, perhaps?	Fpks	1500	6/11	mah
1570	WFLR	Dundee NY; "Your station for local news. 101.9 96.9 15-70 WFLR"	W/F	0900	23/11	PC
1570	CKMW	Winkler MB; local wx, ads, "From the heartland of country music Country 15-70 CKMW"	Gpks	1105	4/11	mah
1570	CJLV	Laval QC; FF"CFAV 15-70" ID; also 222 0230 16/10	333	0610	16/10	GScW
1570	CJLV	Laval QC; pop mx.	332	0616	22/10	MDe
1570	CJLV	Laval QC; FF talk and ID "CJVF"	G	0628	30/10	JW
1570	CJLV	Laval QC; French ID, pop oldie	W/F	0600	1/11	HP
1570	CJLV	Laval QC; heard several times with country music but do not mistake for CKMW; usually English country song is immediately followed by a French country song!	G	0144	11/11	SW
1570	CJLV	Laval QC; EE/FF pop songs	W/F	0656	19/11	Rha
1570	XERF	Ciudad Acuña; "La Poderosa" ID	W/F	0800	8/11	PC
1575		R Farda, Al Dhabbiya, UAE; Farsi ID, nx; also 333 1630 15/10	333	2130	16/10	GScW
1580	WLIM	Patchogue NY ; "This is Radio Adonai AM 15-80 WLIM Patchogue Long Island ..." and into SS; daytime power	W/F	2201	29/10	mah
1580	CKDO	Oshawa ON; oldies	332	0310	22/10	MDe
1580	CKDO	Oshawa ON (presumed); continuous oldies	F	2305	31/10	JW
1580	CKDO	Oshawa ON; oldies out of the 60s	W	0653	19/11	Rha
1580	UNID	Christian preacher in evangelical style – briefly heard in mix	P	2352	2/11	SW
1590	WHGT	Chambersburg PA ; glimpsed with "tell a friend about WHGT" a network newscast and down into 1593 DRM noise. Cheers to mah for the tip; personal first ; <i>delighted you caught this one, Barry – I think the CP had already been implemented by 29/10, so the location should be Maugansville MD - mah</i>	W	2200	29/10	BD

kHz	Callsign	Station, location; details heard etc	SIO	UTC	Date	Who
1590	WHGT	Chambersburg PA; fade up for ID "... our website is whgtchristianradio.org. Tell a friend about WHGT", then IRN USA Radio News, followed by religion; daytime power, personal first; I believe the CP had been implemented by 29/10, and the location was actually Maugansville MD - mah	Fpks	2200	29/10	mah
1590	WHGT	Maugansville MD; came up over 1593 DRM with religious px, ID "This is WHGT Maugansville Maryland 15-90 AM" and address, then more religion; powered down 90 seconds later; new CP implemented, 15 kW daytime power with changed City of Licence; daytime power	Fpks	2200	21/11	mah
1590	WARV	Warwick RI; "This is life-changing radio WARV Warwick-Providence"	F	0900	7/11	AB
1593		R Free Iraq, Kuwait City; AA news	322	1504	8/11	MDe
1600	WUNR	Brookline MA; ID in SS/EE "This is WUNR, Brookline" followed by SS px	333	0601	16/10	GScW
1600	WUNR	Brookline MA; SS songs and ID	332	0620	22/10	MDe
1600	WUNR	Brookline MA (presumed); SS announcements	W	2306	3/11	JW
1600	WAAM	Ann Arbor MI; "You're listening to Waam Talk 16-00. WAAM Ann Arbor"	F	0800	30/10	PC
1600	KPNP	Watertown MN (presumed); Hmong mx	F	1000	4/11	mah
1610		Caribbean Beacon, Anguilla; YL with religious talk	W	0649	6/11	JW
1620	KYIZ	Renton WA; poor "KYIZ" ID noted; in and out of the noise	Fpks	1006	11/11	mah
1620	CMBA	R Rebelde, Guantánamo; SS ID "Rebelde en La Habana"; also 343 0430 16/10, 243 0000 17/10	344	0230	16/10	GScW
1620	CMBA	R Rebelde, various sites listed; SS songs and ID	332	0243	19/10	MDe
1620	CMBA	R Rebelde, 2 sites listed; "Rebelde La Habana Emisora de la Revolución" // 5025, 1180 kHz	G	0100	2/11	SW
1620	CMBA	Radio Rebelde, various sites listed; tlk in SS	322	05.50	6/11	LB
1620	CMBA	Radio Rebelde, 3 sites listed; ID, news, Latin mx	222	0500	6/11	FW
1620	CMBA	R Rebelde, various sites; SS music and talk // 670 kHz	W/F	0649	6/11	JW
1620	CMBA	R Rebelde, various sites; SS YL talk // 5025; also F 0546 3/11	F	0602	20/11	HP
1620	WDHP	Frederiksted USVI; BBCWS sport news,	F	0541	3/11	HP
1620	WDHP	Frederiksted USVI; Caribbean music & popular songs	W/F	0530	7/11	Rha
1640	WTNI	Biloxi MS (tent); talks	W	0535	1/11	HP
1640	WTNI	Biloxi MS; ESPN sports & "14-90 WXBD Biloxi and 16-40 WTNI Biloxi"	W/F	0657	2/11	BD
1640	WTNI	Biloxi MS; promo for Mike & Mike in the Morning on "Sports Radio 14-90 The Team"	Fpks	0058	3/11	SW
1640	WTNI	Biloxi MS; ABC News	222	0145	8/11	MDe
1640	WTNI	Biloxi MS; ESPN sports comments of Gulfport on "WTNI's sports radio The Team"	W/Fpks	0622	19/11	Rha
1650	KCNZ	Cedar Falls IA; "This is the home of the Dan Patrick Show, 16-50 The Fan, KCNZ Cedar Falls Waterloo"	F	0800	7/11	AB
1650	WHKT	Portsmouth VA; WHKT ID, CBS Radio News; also 232 2330 15/10, 222 0130 16/10	232	2300	15/10	GScW
1650	WHKT	Portsmouth VA; about the New York Times	332	0302	20/10	MDe
1650	WHKT	Portsmouth VA; CBS News "Talk radio for Hampton Roads"	F	2230	29/10	JW
1650	WHKT	Portsmouth VA; Conservative Talk, "WHKT" ID	W	0420	20/11	Rha
1650	CJRS	Montréal QC; English talks on Israel, Hebrew ID	233	2231	28/10	MvA

kHz	Call sign	Station, location; details heard etc	SIO	UTC	Date	Who
1650	CJRS	Montréal QC; talk show with a disclaimer style announcement that this was a Jewish community service and that the presenter was an unpaid volunteer. ID: "Radio Shalom"	G	2350	2/11	SW
1660	WCNZ	Marco Island FL; ID "Avenue 14-10 and 16-60"	242	0331	16/10	GScW
1660	WCNZ	Marco Island FL; jazzy songs, "Timeless Cool" ID	W/F	0550	7/11	HP
1660	WQLR	Kalamazoo MI; ESPN sports talk	W/Fpks	0423	20/11	Rha
1660	KQWB	West Fargo ND; "KQWB AM, West Fargo/Fargo-Moorhead" heard in brief WWRU pause	W	0700	7/11	AB
1670	WPLA	Dry Branch GA; Fox Sports Radio	333	0559	2/11	MvA
1670	WPLA	Dry Branch GA; "Fox Sport 16-70 AM and 1670.com" ID	W/F	0548	7/11	HP
1670	WPLA	Dry Branch GA (presumed); Fox sports and advert break; partial ID at 2300	G	2245	22/11	SW
1670	WTDY	Madison WI; talk, "WTDY ... 16-70" then sports promo	W	0700	2/11	JWe
1670	CJEU	Gatineau QC; FF talk and French songs by Children	W	2224	28/10	JW
1670	CJEU	Gatineau QC; promo: "Radio Enfant presents"; no legal ID at top of hour	F	0100	3/11	SW
1680	WOKB	Winter Garden FL; English ID	333	0559	2/11	MvA
1680	KRJO	Monroe LA; R&B, "KRJO Monroe ... 16-80 AM we are the radio ..."	W	0659	2/11	JWe
1690	WPTX	Lexington Park MD; OM with weather then YL "News Talk 16-90" later "WPTX"	F	0458	2/11	JW
1690	WPTX	Lexington Park MD; "You're listening to News Talk 16-90 WPTX"	F	0600	6/11	JWe
1690	WPTX	Lexington Park MD; talk on "News Talk 16-90"	W/F	0625	19/11	Rha
1690	CHTO	Toronto ON; "CHTO Toronto 16-90" ID; weak	222	0500	17/10	GScW
1690	CHTO	Toronto ON (presumed); Greek music under/over WPTX	F	0501	2/11	JW
1690	CHTO	Toronto ON; Greek mx, ID and giving the website	333	0655	8/11	MvA
1690	CHTO	Toronto ON; ann & ID "you are listening to CHTO AM 16-90 Toronto" under WPTX; Greek music	W/Fpks	0628	19/11	Rha
1690	CHTO	Toronto ON; "You are listening to CHTO AM 16-90 Toronto visit our website at www.am16-90.ca"	F	0100	27/11	SW
1690	CJLO	Montréal QC; rap mx, ID "CJLO Montreal", later ID "AM 16-90 and cjlo.ca" ID	W/F	0551	1/11	HP
1700	WEUP	Huntsville AL; ID	242	0427	16/10	GScW
1700	WJCC	Miami Springs FL; news in French no ID	222	0304	24/10	MDe
1700	KVNS	Brownsville TX; ID	243	0557	16/10	GScW
1700	KVNS	Brownsville TX; Beatles mx, ID "Classic hits 17 hundred KVNS"	F	0538	1/11	HP
1700	KVNS	Brownsville TX; oldies, "The Biggest hits of the 60s and 70s Seventeen hundred KVNS"	G	0717	2/11	JW
1700	KVNS	Brownsville TX; "Classic Hits 17-00 KVNS"	G	0008	3/11	SW
1700	KVNS	Brownsville TX; promo "the Dallas Cowboys football in the Grande Valley on classic hits KVNS" & sports commentary	W	0658	8/11	BD
1700	KVNS	Brownsville TX; oldies but goldies & a little bit of classic rock; "KVNS" sung jingle	W/F	0630	19/11	Rha
1700	CRJ	Carajas, Brazil; beacon	W/F	0545	3/11	HP
1700	UNID	ads and sports talk (ESPN)	F	0714	8/11	JW

Loggings older than 3 months. All the logs below are from **November 2009**. Tim's analysis of the recordings is based very much on the characteristics of the time signals being heard, rather than on a positive station ID, and these loggings should therefore be considered **presumed**.

576	JO--	NHK1, 2 sites listed; poor time signal under Russia	222	1300	6/11	tb/mah
1017	JOLB	NHK2, Fukuoka; extremely poor time pip behind CHN & D	111	1300	6/11	tb/mah
1026	HL--	KBS, 2 sites listed, both 1kW; poor time sig behind DTR	111	1300	6/11	tb/mah
1062	HLKQ	KBS, Cheongju; ex poor time sig behind Euros	111	1300	6/11	tb/mah
1188	JOKP	NHK1, Kitami; excellent peak over UNIDs	333	1300	6/11	tb/mah
1242	JOLF	NBS, Tokyo; time sig JJ anns under UK	222	1300	6/11	tb/mah
1251		VO Russia, Ussirisk; interval signal way behind HOL & G	111	1300	6/11	tb/mah
1314	JOUF	OBC, Osaka; time signal etc in mess	222	1300	6/11	tb/mah
1377	JO--	NHK2, 3 sites listed; time signal etc way behind F	222	1300	6/11	tb/mah
1503	JOUK	NHK1, Akita; time sig, newsdesk way behind Stoke	222	1300	6/11	tb/mah
1521	JO--	NHK2, 7 sites listed; poor time sig under UK/CHN pile up	222	1300	6/11	tb/mah
1602	JO--	NHK2, many sites listed; poor time sig under HOL/UK	111	1300	6/11	tb/mah
1602	HL--	KBS Regional, Sabuk (1kW); weak but unmistakable time signal cutting through Euro mess, also stronger at 1600	111	1400	18/1	TB/JF 1

Many thanks to the following reporters:

- AB Andrew Brade, Holme-on-Spalding Moor, East Riding of Yorkshire. AOR AR 7030 plus and Perseus SDR, Wellbrook phased array 290°, 305m beverage at 220°. Recording on Sony MZ-NH1 minidisc + Total Recorder.
- ab/mah Andrew Brade analysis of mah Perseus recording made in Clashmore.
- BD Barry Davies, Carlisle, Cumbria. Perseus, 3.7m x 10.0m Flag + FLG100 amp.
- FW Friedhelm Wittlieb, Lünen, Germany. Grundig Satellite 700 with martens fram-antenna.
- GScK Guido Schotmans, DX-pedition to Kasterlee, Belgium. Perseus SDR.
- GSc Guido Schotmans, DX-pedition to Walsoorden, Zeeland, Holland. Perseus SDR, beverage antennas at 30, 60 and 320°.
- HP Hans Pammer, Loosdorf, Austria. Icom R75, AOR 7030 Plus, MFJ 1026 (mod), K9AY, 75m beverage at 215°, 65m beverage at 225°, Zoom H2 Audio Recorder.
- JW John Williams, Hemel Hempstead, Herts. AOR 7030, flag antenna 3.0m x 6.4m.
- JWe Jack Weber, Hertfordshire. Perseus SDR and G31DDC Excalibur, KAZ at 280° with Wellbrook FLG100, Wellbrook ALA1530.
- LB Leonardo Bolli; Matelica (MC), Italy; RF Space SDR-IQ, Kenwood R-5000, Wellbrook ALA1530S+.
- mah Martin Hall, Clashmore, Sutherland. Perseus SDR, RPA-1 preamp, beverages: 513m at 233°, unterminated; 506m at 279°, terminated; 550m at 338°, terminated. Total Recorder.
- MDe Maurits van Driessche, Zele, Belgium. Perseus and R&S EK07/D2, Supper Kaz 275° and 75°, MFJ 1026, 2 x preamp 20 dB, DBX 1215, Edirol UA-25EX (new, works great).
- MvA Max van Arnhem, Hoenderloo, The Netherlands. AOR7030+; KAZ 35, 70, 160, 250, 290, 340 degrees.
- PC Paul Crankshaw, Troon, Ayrshire; Perseus SDR, Flag antenna, RPA-1 pre-amp, MFJ-1025 Phaser (modified).
- PL Paul Logan, Lisnaskea, Northern Ireland. Perseus SDR with either terminated loop.
- Rha Ronald Hagensen, Ottersberg, Germany. AOR7030+, 22m at 315°, 28m at 290°, 325m at 345° & 115m at 065°, coupled with the Mizuho AT-2000.
- SW Steve Whitt, High Catton, Yorkshire. AOR7030+ and dual reversible K9AY loop antennas.
- SW* Steve Whitt with standard Toyota car radio/whip aerial at Bempton Cliffs East Yorkshire 150 metres above and overlooking the North Sea.
- TB Tim Bucknall, Congleton, Cheshire. Sangean ATS505 + G Maynard loop.
- tb/mah Tim Bucknall analysis of mah Perseus recording made in Clashmore.
- TB/JF Tim Bucknall & John Faulkner, Matlock Forest, Derbyshire, Perseus SDR + 300m NE Asian beverage.

Guido tells us about his recent activities: “I was taking part in two DX-Weekends. One in Walsoorden (Zeeland, Holland) and one in Kasterlee (Belgium). The loggings from the Kasterlee weekend are not yet complete while there are still a lot of Perseus files to go through. In Walsoorden, we were using beverage antennas in the directions of 30, 60 and 320 degrees. Conditions were not what he hoped for but I managed to hear several firsts. A few of them were from South America while we had no decent antenna in that direction. David Onley has put a story online about it at <http://www.walsoorden.blogspot.com> and I have put several audio files online at http://www.4shared.com/dir/15s2UH3A/WalsoordenAudio_2010-10.html”

Lots of comments on conditions this month! **Barry** writes: “It was busy month for the number of logs. Alas for me November lived up to its reputation for not producing some nice signals from the Prairies and West coast. The big issue here was the lack of signals soon after local dawn”. **Paul C** adds: “Conditions here have generally been poor with a lot of noise. Very little from the midwest or beyond has been heard - just the odd weak opening”, and **Paul L** writes: “Just a few logs this time, very little TA listening done on this end this season”.

Hans also comments: “Another month with just fair conditions. Only 3 days are above the average. One of them with very loud East Coast Signals. But the rest of the month very disappointing. Just weak T/A signals the last 2 weeks. I will be again in Denmark visiting Wilhelm Herbst in Fjerritslev from 29 Nov - 10 Dec 2010. Hopefully some West Coasters and even Alaska will make it. I have the Perseus SDR with me plus 1.5TB HDD”. *Hope you have a great time, Hans – mah.*

Jack tells us: “A lack of time for DXing, poor conditions earlier in the year and a creeping deterioration in the signal from my KAZ antenna all contributed. I've now identified the antenna problem as being in the coax - probably moisture seeping in somewhere. I've switched the KAZ to another cable and all is fine for now, but at some point I think I'll need to replace all my cables. Although I have several antennas that work well on MW, the KAZ is the only one that's worth using for TA DX because of its reduced pickup of European signals. Conditions have been up and down lately, but there's been enough of interest to make it worth checking those overnight recordings. This month I've been using both Perseus and the new Excalibur, mostly Excalibur as I've been trying to get more familiar with it. Time will tell which one I'll prefer”.

Max: “Unfortunately, trans-Atlantic DX was very moderate. Signals were weak and often were absent in our local mornings. On the other hand around the 7th of November, Asian DX was great with lots of signals. On 1386 kHz I heard Afghan music. This music type was confirmed by several DX-ers. If it is Afghanistan, it is Radio Paktin Voice , which would be a great catch. Also 1134 HLKC , South Korea was heard here on many days with a nice signal. 891 kHz gave a National Anthem type music after TRT Antalya played it's s/off National Anthem at 1600 UTC. Still, I have no idea what has been the origin of this music”.

John (writing on 11 Nov) notes: “A very disappointing November so far. Although managed Chicago - furthest West - was hoping for a lot more. There is always next month”.

Tim tells us: “Our street was blacked out for a few hours so I was briefly QRN free, was quite annoyed when power came back! This is the first time I've had 1557 without getting CRI 1521 - this seems common in Scandinavia judging from the Perseus files I've heard. I think it's clear now that TWN will get through when UK DXers would normally consider that it was pointless trying”.

Here in **Clashmore** I was fortunate to catch the good conditions at the end of October and beginning of November, but time for DXing has been limited since then, and there is little to show from what time has been spent on the hobby. Unfortunately conditions weren't too good for Andrew Brade's visit to Clashmore between 18 and 23 November - mah.

The **deadline** for the January DX Loggings is **Wednesday 29th December**. I look forward to receiving your logs by then, preferably electronically/via e-mail using the Word pro-forma, which is available from the “Files” section of our Yahoo Group; **very many thanks** to all those members making the effort to submit contributions following the format used in DX Loggings.

A Very Merry Christmas, and a Happy New Year to all our members!

73, Martin

VERIFICATIONS SECTION

✉ Kreuzstraße 4, 44532 Lünen, Germany

with Friedhelm Wittlieb

e-mail: verifications@mwcircle.org

☎ 0 32 12 – 107 79 39

Station	kHz	A	B	C	who
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EUROPE

Germany:

Oldie Star, Berlin	603		lt	2 days	EB
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Russia:

RV99 R.ROSSII, Radiocenter N°3, Taldom..	<u>1</u>	281	f/up directly to the tx. site, QSL-folder (.doc)	7 days	MM
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Spain:

RNE Vigo, El Castro	<u>2</u>	1413	f/up	PPC	8 days	EG
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United Kingdom:

Magic 1161, Hull	<u>3</u>	1161	RR	lt	4 days	EB
BBC R. Scotland	<u>4</u>	810	e-report	email	1 day	MM

NORTH AMERICA

Canada:

CIWW Ottawa ON	<u>5</u>	1310	epost	pdf lt	28 days	BD
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USA:

WKBN Youngstown Ohio	<u>6</u>	570		QSL cd, Sticker	1 week	EB
WEZE BOSTON (MA),	<u>7</u>	590	e/f-up	email	4days	MM.
WNAM Neenah-Menasha, WI.	<u>8</u>	1280	e/f-up	no data pdf QSL-form	1 day	MM.
WHBL Sheboygan (WI).	<u>9</u>	1330	e-f/up,	f/d email	45min.	MM
KCJJ Iowa City (IA).	<u>10</u>	1630	e/f-up	email and n/d s-mail QSL-card in 5days		MM
WPTX, Lexington Park MD.	<u>11</u>	1690	e-f/up	cov. map and f/d email	30min	MM
WLAC Nashville, TN		1510	e-mail RR	e-mail QSL + attached QSL card	2 days	MvA

SOUTH AMERICA

Brazil:

ZYJ200 R.CLUBE PARANAENSE, Curitiba	<u>12</u>	1430	e/f-up for a 2006 report	email	2hours	MM.
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Colombia:

HJLK R. CALIDAD, CALI	<u>13</u>	.1230	e/f-up (5th try!)	email	2hours	MM.
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Peru:

OAU4Q R.ALEGRÍA, LIMA,	<u>14</u>	1340	e-report	email	74days	MM.
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UTILITY

ZBR BERMUDA RADIO Navtex	518		e/fup		email 3d. and post-card in 2 weeks	MM
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15

Note and Verifications Signers

1: v/s: Andrey Shaydurov: rc-3-buch@mail.ru

2: RNE Vigo, Avda. Avenida García Barbón, 36, 36201 Vigo, Spain

3: Address: Magic 1161, Commercial Road, Hull HU1 2SQ, England.

4: v/s: Alan Braidwood, Producer. Rep. sent to: radio.scotland.online@bbc.co.uk

5: v/s Terry McDougall Terry.McDougall@ottawaradio.rogers.com Regional Engineering Director. NB address case sensitive.

6: Reception in Pittsburgh, PA

7: v/s: Frank Kelley, Engineering. frankk@alemradioboston.com

8: v/s: Steve Griesbach, Chief Engineer. Steve.Griesbach@cumulus.com

9: v/s: Kevin Zimmermann, Creative Services Director, Midwest Communications
kevin.zimmermann@wcradio.com

10: v/s: Tom Suter (General Manager). suterman7@aol.com

11: v/s: Sharon Robertson, Sales Manager. sharon@somdradio.com

12: v/s: Nelinton Rosenau nelinton.rosenau@grupolumen.com.br

13: v/s: Nelson Moreno Holguín. nmoreno@rcnradio.com

14: v/s: Doris Díaz Chavéz, Directora/Propietaria. Thanks to Henrik Klemetz for his help to QSL this one!

15: v/s: Duty Officer, Bermuda Maritime Operations Centre.(no name). rep. sent to info@rccbermuda.bm reply from rccbda@gov.bm

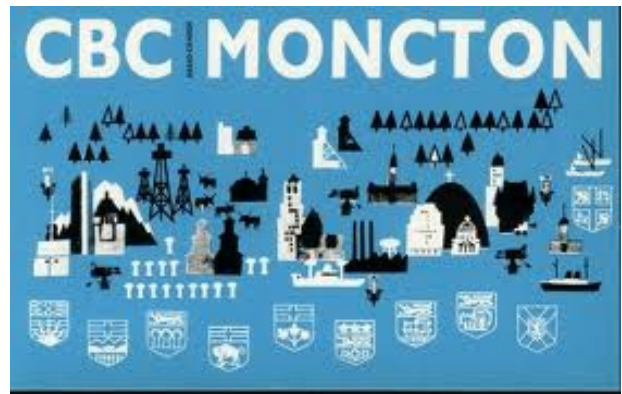
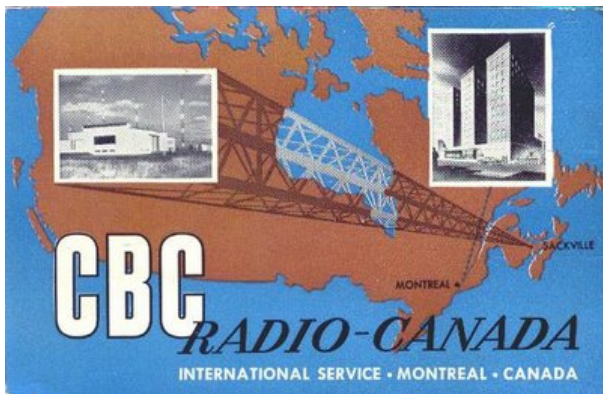
A: what was received; **B:** what return postage was sent; **C:** Days to get a reply

Contributors

Many thanks to:

MvA – Max von Arnheim, Hoenderloo, Netherland - **EB** – Eike Bierwirth, Leipzig, Germany - **BD** - Barry Davies, Carlisle, Cumbria, - **EG** – Ewald Glantschnig, Geneva, Switzerland - **MM** – Mauricio Molano, Salamanca, Spain

73, Friedhelm (FW)



I wonder what CBC are sending out these days? Does anyone have a recent QSL we could include?