

MEDIUM WAVE NEWS

MEDIUM WAVE CIRCLE

December 2019 Volume 65 No. 7

a 1940s Radio Christmas Carol

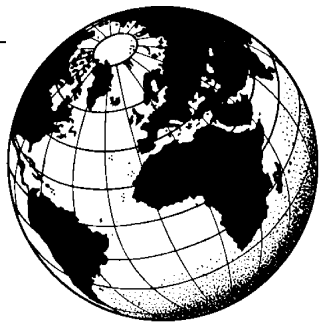
Book by
**Walton
Jones**

Music
composed
and arranged by
David Wohl

Lyrics by
Faye Greenberg



SAMUEL FRENCH



- ♣ *New solar research*
- ♣ *Yukon's CKRW is 50*
- ♣ *Uganda: African monitor*
- ♣ *Cape Greco goes silent*
- ♣ *Radio art sells for \$52m*
- ♣ *Overseas Russian radio*
- ♣ *Oban, Sheigra DXpeditions*

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STOP PRESS:

This month we have a special bumper edition for Christmas! But we had more than we could include due to extra postage costs for a heavier magazine. So the print edition is (only!) 68 pages and the e-MWN pdf version is 76 pages because it includes a supplement feature on the 40th year of Sheigra DX-peditions.

LATE NEWS

Venezuela: two long silent stations have return to the air – see South American News

UK; BBC local/regional stations will be carrying special overnight programmes starting 2200utc 12th December. The earliest results will start to appear around 0200utc on 13th and local programming will be available through the night instead of nationally networked programmes.

Stop Press Deadlines:	1 st January for January 2020	30 th January for February 2020
Cover illustration:	This month we feature a piece of musical theatre/literature for Christmas	
Medium Wave News is published 10 times a year by the Medium Wave Circle	© 2019	

EDITORIAL

with Steve Whitt

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I am writing this with several weeks to go before the Christmas holidays, and even before the latest consumer fest to invade the UK shores (I'm speaking of Black Friday).

It may seem that 2019 is another year in the decline of medium wave broadcasting but it is interesting to note that new stations are still appearing; for example the new Silk Road project from TWR, and right now a new transmitter is opening up in Algeria.

Over the last solar cycle the complexion of the MW band has changed significantly in Europe, with the loss of many of the highest power stations all across central Europe and Scandinavia. This is obviously not great news for DXers outside Europe looking for European catches. But it has opened up many frequencies for European DXers to explore in detail. This combined with the latest technology and a quiet Sun continues to provide some excellent DX reception in the UK and Europe.

Long may it continue – the latest solar research suggests that it might (see page 11).

Trip down memory lane

Amongst the hordes of videos of cats, epic fails and videos by influencers one can find some interesting gems on Youtube.

One such tells the story of the BBC transmitter development at Droitwich in the Midlands.
<https://youtu.be/7hr4xwpZYJO> No high visibility jackets or hard hats in those days!

Another is an interesting tour of KFI 640 in California hosted by two generations of engineers.
<https://www.youtube.com/watch?v=Qnvmf8mPUW8> The US government still sees the long term value of MW as an emergency communications medium – though what happens if nobody knows how to tune a MW radio dial?

Interesting reading

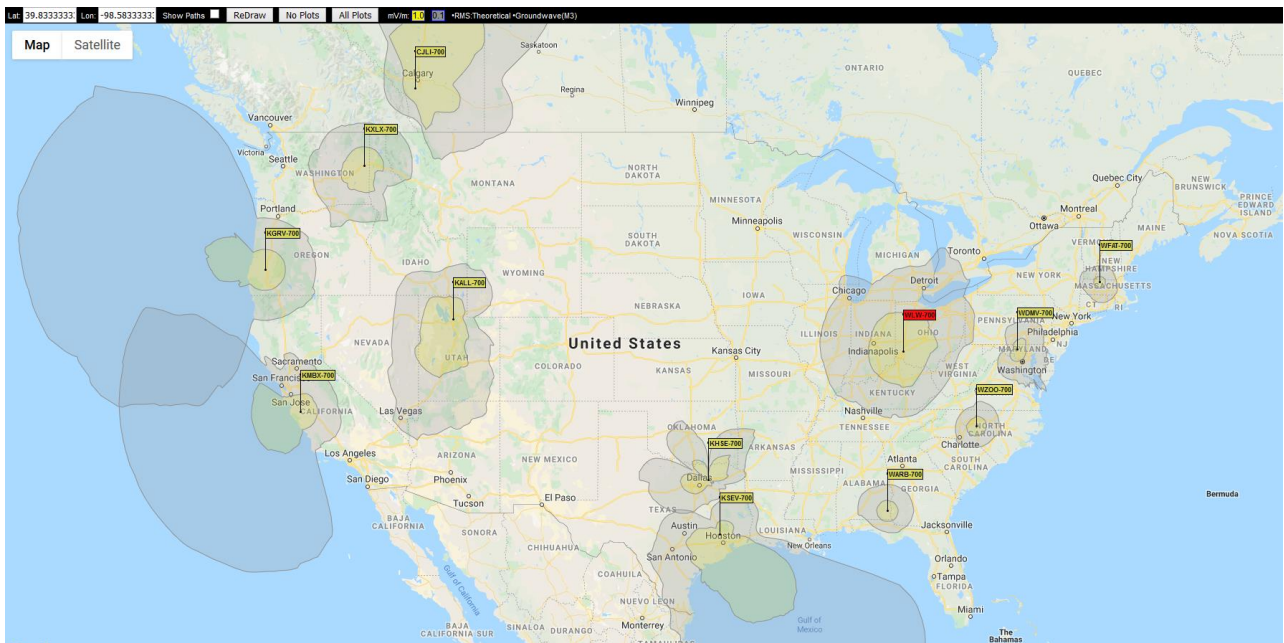
Mark Durenberger advises that the 2019 Seattle DX "Papers" and slides are now uploaded to:
<http://durenberger.com/convention-papers/> (scroll down to lower half of page and you will see audio and Powerpoint presentations from the IRCA Convention. You'll find features such as *DXing in Japan*, *Rockworks Greatest Hits*, *Innovative Ferrite Antennas* and much more.

Have you ever wondered how to build a transmitter than can produce FM, AM, SSB, SSTV and FSQ at any frequency from 130kHz to 750MHz. And all for 50 quid? Then check out this interesting article; <https://www.rtl-sdr.com/transmitting-fm-am-ssb-sstv-and-fsq-with-just-a-raspberry-pi/>

US/Canadian radiation patterns

Anyone interested in listening to obscure signals from North America will be aware that many (most?) use sophisticated antennas to radiate their signals as effectively as possible in selected directions whilst minimising unwanted signal in directions where interference might be caused.

For some years now William Scott has been producing his online resource US-CA Pattern Reference. This synthesises radiation patterns for daytime/night-time and critical hours using transmitter/antenna parameters published by the FCC and Industry Canada. There is a fully scalable map for each MW channel showing "all" stations overlaid on Google maps. The 2019 version is downloaded from <https://radio-timetraveller.blogspot.com/> but it is a big 52MByte file.



Example of a plot: 700kHz daytime coverage showing two coverage contours around each transmitter; 1mV/m and 0.1mV/m

I noticed that the 2019 version omits station in Newfoundland. Bill advises me that is working hard on the 2020 update, writing, “The Newfoundland and Nova Scotia stations have been missing from day one due to a bug in my extraction software which extracts technical info off the Industry Canada .dbf database. That has been fixed just a month or so ago. I've also now incorporated all of Canada's low power stations, mostly 40 watters.”

“My plan is to make another pattern map run after the Christmas holidays, sometime in January, with all the latest data of course. It's a time consuming process which takes quite a bit of pre-process preparation. The actual run time is approximately 10-12 hours of computer time.”

“Last summer and fall were dedicated to enhancing both the groundwave and skywave calculations, trying for a little better accuracy.”

New updated software for DXers

DXtreme Software™ has released a new version of its popular logging program for radio monitoring enthusiasts - DXtreme Monitor Log 12 - which lets listeners and DXers log the stations they've heard using features that enhance their monitoring experiences.

You can find full details of this powerful and comprehensive piece software here: https://www.dxtreme.com/prods_ml.htm where it can be purchased online.

Some of its main features are:

- Finding Broadcast Stations to Monitor using schedules & databases
- Finding Amateur Radio Stations to Monitor; Monitor Log 12 integrates with optional Afreet Band Master to let users see, on its graphical interface, where hams are operating.
- Logging Stations: Monitor Log 12 lets users log all kinds of stations - radio, television, broadcast, Amateur Radio, utility, military, and more! And it lets users log stations across the radio spectrum - from long wave, to medium wave, to short wave, and beyond.

- Reporting Reception: Users can create customized paper and e-mail reception reports for sending to stations plus club report entries for reporting catches to clubs and magazines and social media. Users can also print SWL and Address labels on industry-standard label stock, and send eQSL requests to hams automatically via the popular <https://www.eqsl.cc> site.
- Imaging: Improv Imaging lets users associate ad hoc images with log entries using Capture, Scan, and Clipboard functions. Captures of stations received on digital applications, waterfall displays, facsimile and Amateur TV pictures are popular.
- QSL Imaging facility functions the same as Improv Imaging for associating QSLs.
- Rig Control; Retrieves the frequency and mode from supported radios and permits tuning from the Schedule Checker and Direct Tune interface. Rig control is provided through integration with Afreet Omni-Rig and SDR applications like HSDR, SDR Console, and SDRUno.
- Audio Archiving - Lets users maintain an audio archive of stations heard.

Phew! That's a lot in one box.

Help needed

Roger Bunney writes seeking assistance, "I have obtained an Icom R71e and wonder if there are any reprints about this receiver as it was once favoured as a DXing weapon. If reprints are still around I'd be pleased to pay for a copy of them to gain a little background of this receiver.

The receiver was from an e-bay source which from experience one takes a chance. On opening the box I found a receiver that resembled a brand new, unused and totally unmarked receiver, there is no evidence of knob use, only I suspect faint security writings of an SK post code on the back and almost invisible on the top rear. It resembles a showroom receiver. Pats tested by Icom in 1994.

It switched on, lit up, made noise though initial checks found low level signals, operationally differs considerably from my Icom R-7000 though it is a match physically. I suspect this has been in a box in an attic or somewhere for decades. It had several memories with 7 and 14MHz frequencies so it has been used on amateur bands. I'm sure the PSU electrolytics will be down as a minimum and then start off from there. My ALA-1530 loop is in an NE/SW position as the motor jammed. I am moving the loop to the side of the house as the current position in undergrowth is awkward with branches to access safely as my other knee has been replaced [last May] and at 76 feel I should stop taking chances up ladders in undergrowth on my own.

And to top all the problems, I bought an AR8600 mk2 from a silent key sale, seemed ok but it developed audio distortion after 2-3 hours, rang Nevada that are about 25 miles away and were happy to have a look, if not operator error or a simple fault they'd send it back to the makers. Some 7 weeks later it came back, seemed OK but a few weeks ago I left the thing running for some hours [went out] and returned thought VTS [Southampton port Radio] sounded distorted and the same fault as before, obviously it hadn't been mended. I rang back Nevada, their service manager was uncertain the next move and said their senior engineer would ring up in a couple of days to discuss, they never rang. I have now contacted ML&S to see if they can help. (please email mwneditor@mwcircle.org and I'll put you in touch with Roger)

Thank you

It's not often that we get real mail through the post, so thank you to David Jameson for making contact from Widnes in the UK.

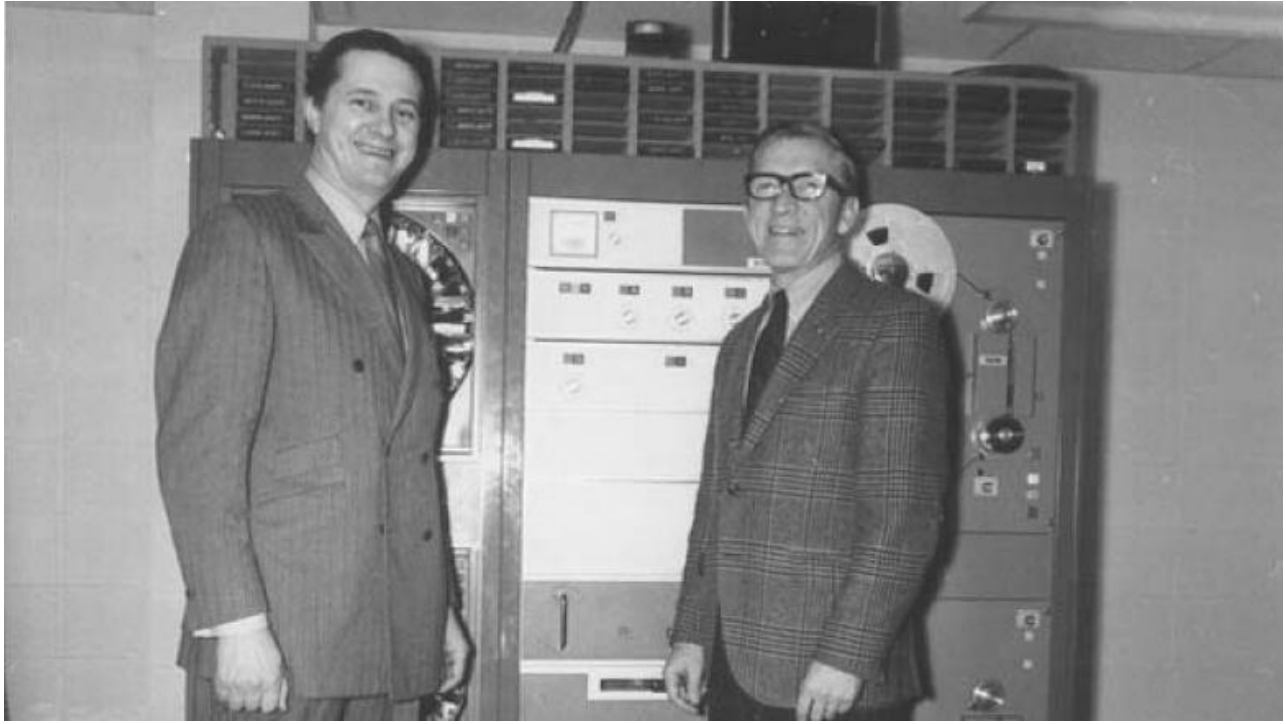
That just leaves me with task of wishing everyone a very special Christmas and a great start to the New Year! Enjoy this bumper edition of MWN 73s Steve

YUKON'S CKRW IS 50

Yukon's oldest commercial radio station marks its 50th year

CBC.ca

'Our belief is that radio stations should serve a community,' said CKRW founder Rolf Hougen



CKRW founder Rolf Hougen with the station's first manager, Al Jensen, in 1969. (Hougen Group of Companies)

Yukon's oldest commercial radio station is marking a milestone this week — 50 years on the air.

CKRW began broadcasting from Whitehorse at 6 a.m. on Nov. 17, 1969. It began as an independent, locally-owned station, and it still is today.



Whitehorse businessman Rolf Hougen, who founded the station, said he knows that a lot of smaller radio stations in Canada have been absorbed into larger media conglomerates over the years. He says CKRW has had offers — but turned them all down.

"If someone's deciding in Edmonton or Vancouver what it should be, it wasn't any longer serving the community the way it should be served."

Hougen had already been involved in broadcasting in Yukon for a decade, as the owner of the WHTV cable system, when he decided the territory needed a radio station.

"I travelled from here to Vancouver, and I stopped at every radio station on the route and met the management and talked and looked at what they were doing ... so I got a feel for what was needed in radio," he said.

He even had a location in mind for the station — the building that is now the Yukon Commissioner's office.

"I thought that would be ideal for a radio station, partly because of atmosphere in a log building, and so on," he recalled. The consultant he'd hired to help get CKRW off the ground felt differently.

"He went and looked it over. He said, 'Uh-uh, every step you take it squeaks,' and he said that's not good for a radio station. So I back off buying that."

Today, "The Rush" occupies a building on Second Avenue, less than a block from Main Street. A mural on the back of the building depicts a who's-who of popular music over the decades — Elvis, John Lennon, Madonna, Bryan Adams.

Tune in these days and you might hear the latest from Billie Eilish or Post Malone, or a classic from U2.



A mural on CKRW's building in Whitehorse. (Paul Tukker/CBC)

Hougen says the station has been working in recent years with an Ontario-based consultant to keep its format relevant and consistent.

He's hopeful that CKRW has many years ahead of it — but knows that an independent, commercial radio station can be at the mercy of the local economy.

"So long as the economy stays strong, the radio station will stay strong. If the economy were to collapse, we might have to struggle."

CAPE GRECO GOES SILENT

Cyprus Mail

12th November



High-power (MW) masts at Cavo Greco will be removed early next year following pressure from local authorities, the Ayia Napa municipality said on Tuesday.

Removal of the masts had been a long-standing demand because of the risks to the health of the residents and the environment, the municipality said.

The transmitters were used by the United States Broadcasting Board of Governors and the French organisation Somera. Both organisations have decided to terminate their broadcasts by the end of January 2020. Neither broadcaster would seek to relocate elsewhere on the island.

“The Ayia Napa mayor and council feel particularly satisfied and relieved that the high-power radio transmitters installed at Cavo Greco and used to broadcast to the Middle East will become a thing of the past,” a written statement said.

The risks to public health were confirmed by studies, which found that the antennae emitted electromagnetic energy that was 113 times above permitted levels, the municipality said.

After the removal of the installations, the area will be accessible to the public, contributing to the municipality’s efforts to turn into a green local authority, fully harmonised with the green city philosophy applied in large European cities.

RADIO ART SELLS FOR \$52m

New York

13th November



Christie's efforts to showcase Edward Ruscha's *Hurting the Word Radio #2* paid off at the New York auction of post-war and contemporary art when it achieved an auction record price for the artist of nearly \$52.5 million, with fees, sailing through the \$30 million upper end of a pre-sale estimate.

The hammer came down at \$46 million to an anonymous bidder on the phone with Marc Porter, Christie's chairman, Americas, after more than three minutes of bidding largely among three collectors on the phone with the auction house's top specialists and an individual in the packed salesroom.

The iconic pop text painting—which achieved the highest result for a painting so far during New York's fall auctions—had been in the collection of Los Angeles journalist and collector Joan Quinn and her late husband Jack since they bought it from the artist in the early 1970s

<https://www.christies.com/features/Ed-Ruscha-Hurting-the-Word-Radio-2-1964-10108-3.aspx>

OVERSEAS RUSSIAN RADIO

Radio stations undergoing boom, says diplomat

TASS

MOSCOW, November 13. /TASS/. The number of overseas Russian-language radio stations has been growing over the past few years, Russian Foreign Ministry Spokeswoman Maria Zakharova told an international conference on the role of radio in the global media battleground on Wednesday.



"Over the past few years, we have witnessed a visible, over 2.5-fold increase in the number of Russian-language radio stations abroad," Zakharova stressed, noting that this figure had risen from 175 to almost 500 between 2010 and 2018.

This includes the former Soviet republics as well as other countries. "These figures clearly signal that the importance of radio and radio services will continually rise," she added.

The diplomat noted that this has been going on in the midst of a challenging geopolitical environment. "In this sense, radio has taken on a specific role, since we can cite numerous cases where the operations of a network of correspondents have been blocked on the territory of some states. We see incidents in which [radio] frequencies and signals have been jammed. This is absurd for the 21st century, but we do have such examples," the diplomat added.

Zakharova also drew attention to increasingly frequent attempts in the West to block news content on the Internet, adding that incidents in which radio frequencies are blocked are isolated. "In this context, the role of radio as an avenue to transmit information also ascends to absolutely new levels that are yet to be understood," the spokeswoman stressed.

According to her, Russian radio stations and Russian media in general are popular because in many countries this is "the only alternative point of view available in the media sphere."

NEW SOLAR RESEARCH

Oscillations of the baseline of solar magnetic field and solar irradiance on a millennial timescale
V. V. Zharkova¹, s. J. shepherd², s. I. Zharkov³ & e. popova^{4,5} published 24 June 2019

Recently discovered long-term oscillations of the solar background magnetic field associated with double dynamo waves generated in inner and outer layers of the Sun indicate that the solar activity is heading in the next three decades (2019–2055) to a modern grand minimum similar to the Maunder one (1645-1715).

On the other hand, a reconstruction of solar total irradiance suggests that since the Maunder minimum there is an increase in the cycle-averaged total solar irradiance (TSI) by a value of about 1–1.5 Wm⁻² closely correlated with an increase of the baseline (average) terrestrial temperature. In order to understand these two opposite trends, we calculated the double dynamo summary curve of magnetic field variations backward one hundred thousand years allowing us to confirm strong oscillations of solar activity in regular (11 year) and recently reported grand (350–400 year) solar cycles caused by actions of the double solar dynamo.

In addition, oscillations of the baseline (zero-line) of magnetic field with a period of 1950±95 years (a super-grand cycle) are discovered by applying a running averaging filter to suppress large-scale oscillations of 11 year cycles. Latest minimum of the baseline oscillations is found to coincide with the grand solar minimum (the Maunder minimum) occurred before the current super-grand cycle start. Since then the baseline magnitude became slowly increasing towards its (*predicted*) maximum at 2600 to be followed by its decrease and minimum at ~3700.

These oscillations of the baseline solar magnetic field are found associated with a long-term solar inertial motion about the barycenter of the solar system and closely linked to an increase of solar irradiance and terrestrial temperature in the past two centuries. This trend is anticipated to continue in the next six centuries that can lead to a further natural increase of the terrestrial temperature by more than 2.5 °C by 2600.

Understanding of solar activity is tested by the accuracy of its prediction. The latter became very difficult to derive from the observed sunspot numbers and to fit sufficiently close into the prediction of a few future solar cycles or even into a single solar cycle until the cycle is well progressed.

In many models there is a consistent disagreement for cycle 24 between the measured sunspot numbers and the predicted ones. This disagreement is a clear indication that there is something missing in the definition of solar activity by sunspot numbers, which are the collective product of many instruments and observers around the world. This discrepancy also indicates that the appearance of sunspots on the surface during a solar cycle is governed by the action of some physical processes of solar dynamo, which were not yet considered in the models. Moreover, it was first detected by Stix for cycle 22 and later confirmed by Zharkov et al. for cycle 23 that the polarity of solar background magnetic field is always opposite to the leading polarity of sunspots while timing and locations of sunspot appearance on the solar surface are, in fact, governed by this background magnetic field.

Very interesting research report – but it will take a long time to see if their predictions are correct
☺

Full 12 page report: <https://www.nature.com/articles/s41598-019-45584-3.pdf>

OBAN DX-PEDITION

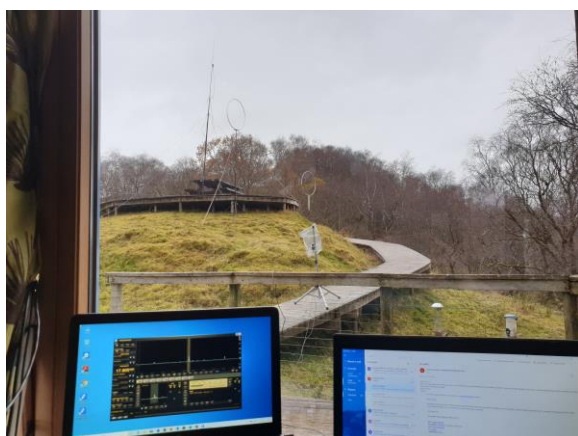
with Ton Timmerman

e-mail: world-news@mwcircle.org

DX-pedition to Scotland

On 31 October my friends and I departed for a DX-trip to Scotland. We are all members of the Benelux-DXclub and every three years we do such a nice trip to test antennas, listen without the noise at home and have the chance to hear transatlantic mw-dx. Piet Postema is an aero-expert, Wouter Tak is specialized in pirates and broadcast, Cornel van Ravenswaaij is aero and mediumwave expert and I listen to utility, medium- and shortwave broadcasting stations.

Our trip started in IJmuiden where we embarked at the DFDS ferry. A little VW-van was loaded with computers, receivers, antennas and all you need at an expedition like this. At 1730 CET sharp we departed from IJmuiden. Next day at 0900 UK-time we arrived at Newcastle. From there we drove via Edinburgh, Falkirk and Stirling directly to the Tesco supermarket in Oban, about 400 km from there. After the shopping for our the food of that day we drove 15 miles back to our destination in Tynault.



Bakker-loop. Receivers were two Perseus sdrs, two Elads, a NRD 535, an AOR AR3030 and a Lowe HF225.

Conditions on medium wave towards the Americas were rather good. From Asia there was no DX to hear. As always VOXM as first came in every night. Furthermore we heard stations from North and Middle America. Here are some examples of the stations we heard:

When you arrive at a listening location the stress starts with setting up the antenna park before total darkness reaches you. Just in time we were ready to start testing and listening. At this locations there was no room for beverage-antennas. So we worked with several variations of loop-antennas and a T2FD for shortwave listening. We had two ALA-1530 antennas, an ALA-L100, an AOR LA400 (a indoor antenna but used outside) and a so-called Roelof



LOGGINGS

Freq.	Transmitter	ITU	Date	UTC	Details
540	CBT Grand Falls-Windsor,	CAN	02/11	2300	CBC news - 3411 Km
560	WGAN Portland ME	USA	06/11	0600	male voice ident "..WGAN, Portland.." - 4660 Km
560	WGAN Portland ME	USA	04/11	0059	male voice ident "..WGAN Portland.." - 4660 Km
560	R Rebelde, Ciego de Avila-CTOM1	CUB	02/11	0400	fem voice ident, cub mx, toh tune - 6986 Km
570	CFCB Corner Brook NL	CAN	06/11	0403	//590 - 3556 Km
570	WMCA New York NY	USA	03/11	0159	male voice ident "WMCA New York" - 5110 Km
570	KNR-Kalaallit Nunaata Ra Nuuk=Godthab	GRL	02/11	2302	Franky Valli Oh What A Night - 2646 Km
570	CFCB Corner Brook NL	CAN	02/11	0300	Paul Simon song You Can Call Me AI - 3556 Km
570	CFCB Corner Brook NL	CAN	02/11	0202	VOCM relay - 3556 Km
570	WMCA New York NY	USA	02/11	0101	- 5110 Km
570	WMCA New York NY	USA	02/11	0100	male voice ident "...3 FM The Mission, WMCA New York City.." - 5110 Km
580	CFRA Ottawa ON	CAN	06/11	0701	toh ads, iHeart radio, ident "..in Ottawa, CFRA is an iHeart Radio station."
580	WKAQ San Juan PR	PTR	03/11	0500	male uptempo voice ident - 6531 Km
580	CFRA Ottawa ON	CAN	02/11	0200	toh male voice ident "...CFRA.." - 4872 Km
590	WEZE Boston MA	USA	04/11	0059	under VOCM, male voice ident "..WEZE Boston.." - 4802
590	VOCM St.John's NL	CAN	02/11	2259	popmx - 3324 Km
590	VOCM St.John's NL	CAN	02/11	0201	station info, ident - 3324 Km
600	R Rebelde, Urbano Noris-San German	CUB	03/11	0400	toh tune, male voice ident, orchestral tune - 6942 Km
620	CKCM Grand Falls-Windsor, NL	CAN	02/11	2300	//590 - 3412 Km
620	CKCM Grand Falls-Windsor, NL	CAN	02/11	0100	VOCM relay - 3412 Km
640	CBN St.John's NL	CAN	06/11	0000	CBC news - 3325 Km
640	CBN St.John's NL	CAN	02/11	0000	CBC news - 3325 Km
650	CKGA Gander NL	CAN	03/11	0659	//590 - 3351 Km
660	WFAN New York NY	USA	02/11	2300	male voice ident "...WFAN New York.." into sports - 5083
660	WFAN New York NY	USA	02/11	0109	ident, basketball game - 5083 Km
670	R Rebelde, Arroyo Arenas-CTOM1	CUB	03/11	0400	..noticias de Cuba do Mondo.. , anthem - 7112 Km
680	CFTR Toronto ON	CAN	06/11	0500	wx info, male voice ident - 5250 Km
680	WRKO Boston MA	USA	03/11	0000	extensive add with ident "WRKO" - 4803 Km
680	WRKO Boston MA	USA	01/11	2300	ident "..the voice of Boston is new..." - 4803 Km
690	CKGM Montreal QC	CAN	06/11	0700	male voice ident "..CKGM.." with gap at 07:00:05 - 4747
700	WLW Cincinnati OH	USA	06/11	0559	male voice ident "this is Newsradio 7 hundred WLW.." - 5832 Km
700	WLW Cincinnati OH	USA	02/11	0200	talk format, male voice, later on tfc and wx info - 5832 Km
710	CKVO Clarendville NL	CAN	05/11	2300	//590 - 3359 Km
710	WOR New York NY	USA	05/11	2300	female voice ident "..WOR.." - 5106 Km
710	CKVO Clarendville NL	CAN	02/11	0500	//590 VOCM - 3359 Km
710	R Rebelde, Chambas-CTOM3	CUB	02/11	0400	mixing with WOR - 6952 Km
710	WOR New York NY	USA	02/11	0200	multiple ident at toh, into nx - 5106 Km
730	CKAC Montreal QC	CAN	06/11	0100	female voice in ff ident - 4746 Km
730	CKAC Montreal QC	CAN	02/11	0100	male ff ident - 4746 Km
740	CHCM Marystown NL	CAN	06/11	0400	//590 - 3503 Km
740	CHCM Marystown NL	CAN	02/11	0702	//590 VOCM - 3503 Km
750	CBGY Bonavista Bay NL	CAN	06/11	0700	CBC news - 3315 Km
750	WSB Atlanta GA	USA	06/11	0700	toh male voice ident "..WSB.." - 6283 Km
750	CBGY Bonavista Bay NL	CAN	02/11	0000	CBC news - 3315 Km
760	WJR Detroit MI	USA	06/11	0600	male voice ident "..WJR Detroit and W...the Great Voice the Great Lakes.." 5542 Km
770	WABC New York NY	USA	02/11	0000	male voice ident, station info - 5098 Km
790	WPRV Providence RI	USA	06/11	0459	male voice ident "..with WPRV, Providence.." - 4862 Km
790	WAXY South Miami FL	USA	02/11	0400	male voice ident "..WAXY South Miami.." - 6760 Km
800	PJB Shine 800 AM (Trans World R), Kralen	BES	06/11	0801	male voice with station info - 7244 Km
800	VOWR St.John's NL	CAN	03/11	0232	easy listening mx, male voice ident "..VOWR.." - 3321 Km
830	WCRN Worcester MA	USA	03/11	0004	George Michael Don't Let the Sun Go Down on Me, male voice ident - 4865 Km
850	WEEI Boston MA	USA	03/11	0700	Sport ads, ESPN - 4822 Km
860	CJBC Toronto ON	CAN	06/11	0459	male voice ident "vous ecoutez Radio Canada premiere, a 860 AM en Toronto" - 5234 Km
870	WWL New Orleans LA	USA	03/11	0600	male voice ident "..WWL New Orleans.." - 6980 Km

880	WCBS New York NY	USA	02/11	2300	toh male voice ident "this is WCBS New York" - 5083 Km
890	WAMG Dedham MA	USA	02/11	2302	soft pop mx, fem voice ident "..WAMG.." - 4834 Km
920	WDMC Melbourne FL	USA	06/11	0559	male with ad, ident "..WDMC.." - 6558 Km
930	CJYQ St.John's NL	CAN	05/11	2259	cw music, ident "..KIXX .." - 3324 Km
940	XEQ R Apasionado Mexico DF	MEX	06/11	0800	mex music, male voice ident "..Ke Buena.." - 8457 Km
950	CKNB Campbellton NB	CAN	03/11	0303	pop mx, male voice ident "..the saturday dance party continues on ninety-5 CKNB" - 4132 Km
980	CHRF Montreal QC	CAN	03/11	0701	easy popmx, male voice ident - 4747 Km
1010	WINS New York NY	USA	02/11	2300	male voice ident, fem ann into nx - 5106 Km
1020	KDKA Pittsburgh PA	USA	03/11	0200	male voice ident "this is KDKA radio" - 5476 Km
1030	WBZ Boston MA	USA	03/11	0000	male voice ident "WBZ News Radio" - 4798 Km
1050	WEPN New York NY	USA	03/11	0700	sports, male voice ident "..WEPN Radio.." - 5105 Km
1100	WTAM Cleveland OH	USA	03/11	0100	male voice ident "..WTAM Cleveland.." - 5518 Km
1100	WTAM Cleveland OH	USA	03/11	0100	male voice ident - 5518 Km
1110	WBT Charlotte NC	USA	03/11	0400	toh ident "WBT Charlotte" - 5973 Km
1130	WBBR New York NY	USA	03/11	0104	ads, Notre Dame ad, ident - 5102 Km
1130	WBBR New York NY	USA	04/11	1722	ads, Notre Dame ad, ident - 5102 Km
1130	WBBR New York NY	USA	02/11	2302	sports, ads, Notre Dame ad, ident - 5102 Km
1140	CBI Sydney NS	CAN	03/11	0259	station info - 3876 Km
1170	WWVA Wheeling WV	USA	03/11	0400	male voice ident "..WWVA.." - 5567 Km
1180	WHAM Rochester NY	USA	03/11	0000	toh ident, into Fox news - 5148 Km
1200	WXKS Newton MA	USA	03/11	0100	toh ident "..Talk 1200 an Iheart radio station" - 4817 Km
1250	CHSM Steinbach MB	CAN	07/11	0701	classical music on top of CJYE (identing with "JOY") - 5724
1250	CJYE Oakville ON	CAN	07/11	0300	male preacher - 5239 Km
1260	WSUA Miami FL	USA	03/11	0401	male voice ident - 6745 Km
1280	WNAM Neenah-MenashaWI	USA	06/11	0459	male voice ident "..12-80 WNAM, Neenah-Menasha, ..the Cumulus Media Station, free money is back for .." - 5695
1280	WWTC Minneapolis MN	USA	06/11	0200	male voice ident "..WWTC Minneapolis..", in the mix with other stations -5894 Km
1290	WKBK Keene NH	USA	06/11	0659	male voice ident "..news station 94-1..WKBK Keene, ..broadcasting station, it's 2 o'clock", into CBS news - 4835 km
1320	CHMB Vancouver BC	CAN	06/11	0600	fem talk in asian language - 6949 Km
1330	WRCA Watertown MA	USA	02/11	2300	toh male voice ident "WRCA Watertown, ..." - 4817 Km
1330	WEBY Milton FL	USA	03/11	0100	toh ident, male in fast sum up"..WEBY Milton.." - 6738 Km
1370	WDEA Ellsworth ME	USA	07/11	0600	toh male voice ident "..WDEA.." - 4491 Km
1390	WISA Isabela PR	PTR	07/11	0100	male ss voice ident "..W-I-S-A,c 1390 AM, Isabela, Puerto Rico.." - 6578 Km
1400	CBG Gander NL	CAN	07/11	0300	CBC news - 3351 Km
1400	Harbour Light of the Windwards, Carriaco	GRD	06/11	2200	toh ident male voice - 6810 Km
1400	Harbour Light of the Windwards, Carriaco	GRD	03/11	0101	christian organ music, male ann, into male singer - 6810
1410	CJWI Montreal QC	CAN	03/11	0100	male ann, toh ident - 4735 Km
1430	WENE Endicott NY	USA	07/11	0159	male voice ident "..WENE Endicott, an iHeart radio station.." - 5124 Km
1440	WRED Westbrook ME	USA	07/11	0100	male voice ident "..WRED Westbrook ..., the Big Jab" - 4664 Km
1440	WHKZ Warren OH	USA	07/11	0559	toh ident, male voice "..WHKZ Warren.." - 5482 Km
1480	WGVU Kentwood MI	USA	07/11	0622	male/female ident "..real oldies 14-80 and 8-50.." - 5628
1500	WFED Washington DC	USA	02/11	2302	toh ident, into ABC News - 5422 Km
1500	WFED Washington DC	USA	02/11	2259	male voice ident - 5422 Km
1520	WWKB Buffalo NY	USA	03/11	0600	male voice ident "..WWKB Buffalo.." - 5238 Km
1540	KXEL Waterloo IA	USA	07/11	0700	toh ident "..KXEL Iowa..", into Fox news - 6061 Km
1560	WFME New York NY	USA	02/11	2300	male preacher, rel pgm - 5102 Km
1570	CJLV Laval QC	CAN	07/11	0302	male voice ident "..CJLV Laval.." - 4737 Km
1580	CKDO Oshawa ON	CAN	07/11	0701	oldies, male voice ident "..CKDO.." - 5150 Km
1660	WGIT Canovanas PR	PTR	07/11	0059	male preacher - 6522 Km

All these loggings were made by Cornel van Ravenswaaij with a Perseus receiver, ALA-L100 loop and Jaguar software.

The ALA-1530 was also a very performer on mediumwave. I did not expect much from the AOR LA400 which is merely an indoor antenna. But many of the stations Cornel heard I could hear with this indoor antenna used outside covered with some PVC-protection.

The week passed away very quick so we had to move all again into the van and drove back to our daily business.

NORTH AMERICAN NEWS

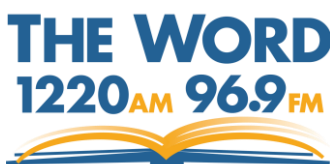
✉ Sand Gap, Bursea, Holme-on-Spalding Moor York YO43 4DF

with Andrew Brade

e-mail: na-news@mwcircle.org

Hello again.

Thanks this month to: - ABDX, IRCA, NRC DX News, FCC, CRTC, dxmidamerica.com, Dan Sys, Radiolnsight, radiodiscussions.com, Scott Fybush. Please note correction to September and October editions – the acknowledgement should have been to Glenn Hauser and not to Wayne Hauser. I have no idea where “Wayne” came from!



- | | | |
|------|------|---|
| 820 | KCBF | Fairbanks, AK – following loss of transmission site, KCBF was granted an STA to broadcast with unchanged parameters (10kW unlimited) from the 620 KFAR tower. Expires 30 th April 2020. |
| 920 | KARN | Little Rock, AR – licensed for 5kW (non-directional days, directional nights), KARN was granted an STA for 1.25kW non-directional full time due to an inability to switch patterns in normal operation. This STA expires on 5 th May 2020. |
| 970 | WZAN | Portland, ME – format change to country using slogan “101.5 The Outlaw” |
| 1080 | WQOS | Coral Gables, FL – format change to Relevant Radio // W249DM-97.7 (ex-WKAT) |
| 1300 | KKOL | Seattle, WA – Construction Permit for 50kW days / 3.2kW nights dplexed with KLFE 1590 is on the air. The station has an STA to remain silent granted on 31 st October 2019. |
| 1410 | KQV | Pittsburg, PA – 19 th November marked 100 years since the first licence was granted to KQV, then using the call sign 8ZAE. The station remains silent (see below). |
| 1220 | WHKW | Cleveland, OH – splits from WHKZ. Retains “The Word” programming // 96.9, following the sale of sister station WHKZ 1440 Warren OH to Immaculate Heart Radio. |
| 1350 | WOYK | York, PA – slogan update to “SportsRadio 98.9 and WOYK 1350” |
| 1440 | WHKZ | Warren, OH – splits from WHKZ and now carries Relevant Radio programming. |
| 1450 | WKAT | Miami, FL – Radio Luz programming has moved here with its callsign from 1080kHz. |
| 1510 | WRRD | Waukesha, WI – slogan update to “Talk 101.7” |
| 1590 | WRSB | Brockport, NY – applies for a construction permit to move to 1600kHz with reduced power – currently licensed for 1kW directional day/night with different patterns, applies for 300W days and 5W nights, both non-directional. |
| 1690 | KDMT | Aurora, CO – changes format from business to Relevant Radio religion. |

Silent stations update

Here’s an update on the silent stations watch that affects European listeners - (updates via FCC):

1390 WEGP Presque Isle, ME – Immaculate Heart Radio Inc applied on 26th August 2019 for Special Temporary Authority for WEGP to be silent which was granted by FCC on 5th September for a period of 180 days. The licence will automatically expire if no broadcast is made by 25th August 2020.

1410 KQV Pittsburgh, PA – silent 31st December 2017, has an STA to remain silent for 180 days from 18th July 2018; now has a Construction Permit granted on 6th June 2018 for new owners, Broadcast Educational Communications Inc, to relocate to the WEDO site and reduce nighttime power from 5kW to 75W. The CP has a 36-month expiry. The owners applied on 2nd October to change the licence type from “commercial” to “non-commercial educational”. This application was granted on 23rd November 2018. On 29th December 2018 KQV filed for resumption of operations using its licensed facilities, in which it was reported to be rebroadcasting 88.1 WFGO, going silent again on 10th January 2019. On 6th September 2019, KQV filed an application to extend their STA to remain silent, which was granted by FCC on 1st October 2019. Licence will expire automatically if no broadcast is made by 11th January 2020. Meanwhile the Pittsburgh Post reports that when KQV returns on the WEDO site, it will probably broadcast music.

1500 WGHT Pompton Lakes, NY – silent 15th December 2017, STA to remain silent for 180 days from 16th February 2018 was extended on 12th September 2018 citing continuing financial difficulties; licence will expire automatically if no broadcast is made by 16th December 2018. On 6th December 2018, WGHT filed a “resumption of operations with its licensed facilities” with FCC, be simulcasting 1340 WALL. In April 2019, Frank Truatt, owner of WTBQ AM 1110 and FM 93.5 located in Warwick, New York, broadcasting to all of Orange County and Northern N.J. began operating WGHT. WGHT is airing a combination of live talk shows, specific music logs customised for the WGHT listeners and is also temporarily simulcasting some programming from WTBQ while local programs are being developed and the new FM 98.3 is constructed for WGHT. (wghtamfm.com)

1510 WMEX Boston, MA – silent 30th June 2017. On 22nd May 2018, WMEX applied for an STA to broadcast from and diplex with WBIX 1260 with a power of 1kW daytime only. This was granted on 6th June with an expiry of 6th December 2018. This was later superseded with 2kW daytime 100W nights, with an expiry of 3rd December 18.. All three operations would continue to be from a non-directional antenna, at the Quincy site diplexing with WBIX. On 10th November WMEX applied for a silent STA, for 180 days, which FCC granted on 7th December. Licence will expire automatically if no broadcast is made by 11th November 2019. WMEX has a construction permit granted on 10th October 2018 by FCC for an application made on 15th June 2018, for a permanent licence, remaining 100W at night and just 10kW daytime, 2kW critical hours, diplexing with WBIX. The CP expires on 10th October 2021. Programme Test Authority was granted by FCC on 6th November 2019 and WMEX filed a “Resumption of Operations” on 7th November.

1700 WRCR Ramapo, NY – silent 7th August 2017 having lost its transmitter site in Nanuet. On 27th July WRCR applied to go silent again, and was granted an STA to remain silent for 180 days from 10th August 2018. WRCR’s licence will expire automatically if no broadcast is made by 28th July 2019. Meanwhile WRCR say they have a new site in Haverstraw, and they “hope to be back on the air shortly once all the paperwork is done” – but are also requesting funding. On 13th November 2018 they extended the “deadline” for funds until mid-January. On 14th March 2019 FCC granted an STA for broadcasting from a longwire which would preserve their licence. An application to extend the silent STA was filed on 10th September 2019, which was granted on 24th September 2019, expiring on 23rd March 2020 allowing time for the applicant to find a “new permanent facility”.

STAs are temporary and not a substitute for resumption of licensed operations.

CANADIAN RADIO NEWS

PROPOSED NEW STATIONS

600	CKSP	Vancouver, BC	New station CP (U4 50000/20000) granted extension to 28.11.2020 to get new station on the air.
1350	CIRF	Brampton, ON	New station CP (U1? 1000/1000) granted change of site and extension to 21.10.2020 to get new station on the air. (note last issue the call was given wrongly as CHRF)

FACILITY APPLICATIONS

1350	CKAD	Middleton, NS	CP with U1 1000/400 (A)
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USA RADIO NEWS

CALL LETTER CHANGES

FREQ	OLD CALL CITY	NEW CALL
690	KOAQ Terrytown, NE	KOLT
930	WYUS Milford, DE	WNCL
990	WRFM Muncie, IN	WJCF
1240	KSLV Monte Vista, CO	KBGV
1320	KOLT Scottsbluff, NE	KOAQ
1410	KZEY Marshall, TX	KCUL
1510	WFAI Salem, NJ	WVJJ

SLOGAN/IMAGE CHANGE OR UPDATE

FREQ	CALL CITY	SLOGAN UPDATE
570	KUAI Eleele, HI	"Kauai's Country AM 570 and 104.5 FM"
680	WPTF Raleigh, NC	"NewsRadio 680"
740	KCMC Texarkana, TX	"107.9 The Fan"
760	WCPS Tarboro, NC	"The Gospel Train"
770	WYRZ Cedar Bluff, VA	"God's Country"
800	KREI Farmington, MO	"SuperTalk KREI"
800	WDSC Dillon, SC	"Fox Sports Florence"
810	WSYW Indianapolis, IN	"Exitos 94.3/810"
820	WWFD Frederick, MD	"The Gamut"
830	WACC Hialeah, FL	"La Emisora del Cordero de Dios"
840	WCEO Columbia, SC	"La Raza 840"
840	WHGH Thomasville, GA	"Hot 840"
840	WVPO Stroudsburg, PA	"ESPN 840 AM"
850	WYLF Penn Yan, NY	"WYLF 850 AM and 93.9FM"
860	KNAI Phoenix, AZ	"La Campesina"
880	WZAB Sweetwater, FL	"Relevant Radio"
930	WNCL Milford, DE	"Cool 102.1"
970	WNNR Jacksonville, FL	"Tropical "Latina"
970	WZAN Portland, ME	"The Outlaw"
990	WNTP Philadelphia, PA	"AM 990 The Answer"
1010	KXEN Saint Louis, MO	"Freedom 1010"
1020	KJJK Fergus Falls, MN	"Hit Music Channel 977"
1050	KJBN Little Rock, AR	"The Music You Want And The Truth You Need"
1060	KTNS Oakhurst, CA	"Radio Lazer"
1060	WLNO New Orleans, LA	"The Original One of a Kind" "Gospel 1060"
1080	WQOS Coral Gables, FL	"Relevant Radio"
1080	WWDR Murfreesboro, NC	"News Talk"
1110	KTEK Alvin, TX	"Relevant Radio"
1130	WQFX Gulfport, MS	"My Power Gospel 1130 AM"
1140	WPNS Destin, FL	"News Talk 1140"
1150	WWDJ Boston, MA	"Relevant Radio"
1170	WWTR Bridgewater Twncsp, NJ	"EBC Radio 1170 AM"
1220	WHKW Cleveland, OH	"The Word 1220 & 96.9"
1240	KCRT Trinidad, CO	"My 99.3"
1240	KRDO Colorado Springs, CO	"Where The News Comes First"
1250	KBRF Fergus Falls, MN	"News Talk 1250 KBRF"
1260	WSDZ Belleville, IL	"Relevant Radio"
1270	WIJD Prichard, AL	"Truth Talk 1270"
1310	KIQQ Barstow, CA	"Radio Lazer"
1310	WORK Canandaigua, NY	"WORK 1310 AM and 95.9 FM"
1320	KNIT Salt Lake City, UT	"Your Network of Praise"
1330	WEBY Milton, FL	"ESPN Pensacola 99.1"
1340	KWLM Willmar, MN	"Newstalk 1340 96.3 KWLM"
1340	KYLT Missoula, MT	"Fox Sports Radio 1450 and 92.7"
1340	WCDT Winchester, TN	"The Voice of Franklin County"
1340	WTRN Tyrone, PA	"Easy Listening 1340, 96.9 and 100.7"

1350	WOYK	York, PA	"SportsRadio 98.9 and WOYK 1350"
1380	KXFN	Saint Louis, MO	"Relevant Radio"
1390	WMER	Meridian, MS	"Good News Gospel Radio"
1400	WATW	Ashland, WI	"Bay Country"
1400	WSMY	Weldon, NC	"News Talk"
1410	WHBT	Tallahassee, FL	"Your Network of Prayer"
1420	WGXI	Plymouth, WI	"Love 98.5 FM"
1420	WOC	Davenport, IA	"News Talk 1420"
1430	WEIR	Weirton, WV	"River Talk 94.9"
1430	WRDN	Durand, WI	"Reel Country WRDN 1430 AM-107.3 FM"
1440	KEXB	University Park, TX	"Relevant Radio"
1440	WHKZ	Warren, OH	"Relevant Radio"
1450	KGRZ	Missoula, MT	"Fox Sports Radio 1450 and 92.7"
1450	WKAT	Miami, FL	"Radio Luz Miami"
1450	WRLI	Cicero, IL	"Viva Chicago" "The Real 1450"
1460	WJCP	North Vernon, IN	"KORN 97.7 and 1460"
1480	WNKW	Neon, KY	"Sunshine Radio"
1480	WRSW	Warsaw, IN	"News Now Warsaw 1480 and 99.7"
1480	WVOI	Marco Island, FL	"Relevant Radio"
1490	KTTR	Rolla, MO	"Hot 104.9"
1490	WAZZ	Fayetteville, NC	"My Kiss Radio"
1500	WZZQ	Gaffney, SC	"Gaffney's HOT FM 104.3 FM/1500 AM"
1510	WFAI	Salem, NJ	"Jammin~ 96.9"
1510	WRRD	Waukesha, WI	"Talk 101.7"
1510	WVJJ	Salem, NJ	"Jammin 96.9"
1520	KZOY	Sioux Falls, SD	"Sunny Radio 93.3"
1530	WCTR	Chestertown, MD	"106.9 WCTR"
1550	KKCL	Golden, CO	"96.9 the Cloud"
1550	KMRI	West Valley City, UT	"La Raza"
1550	WKTF	Vienna, GA	"The Crossroads of Classic Rock & Classic Country"
1580	WTTN	Columbus, WI	"Talk 92.7"
1590	KDJS	Willmar, MN	"Fox News Radio"
1590	WNYS	Beech Grove, IN	"La Pantera 1590"
1600	KYBC	Cottonwood, AZ	"Arizona's Best Music"
1660	WBCN	Charlotte, NC	"Fox Sports Charlotte 1660 AM, 94.7 FM, 103.7 HD"
1690	KDMT	Arvada, CO	"Relevant Radio"

FORMAT CHANGES

580	WYHM	Rockwood, TN	Bluegrass	Format unknown
630	KJNO	Juneau, AK		Deletes // K257CN-99.3
690	KOAQ	Terrytown, NE	Religion	News/Talk/Sport; adds // K269DO-101.7
740	KCMC	Texarkana, TX	News/Talk	Sport (CBS); adds // K300DW-107.9
740	WNYH	Huntington, NY	SS Cont Christian	Format unknown
760	WCPS	Tarboro, NC	UC:Gospel/Oldies	Urban Cont:Gospel
800	WDSC	Dillon, SC		Sport (FSR)
810	WSYW	Indianapolis, IN	SS:Mexican	SS:Adult Cont; adds // WSYR-FM-106.9
840	WCEO	Columbia, SC	Silent	Spanish
840	WHGH	Thomasville, GA	Urban Cont	Urban Cont:Adult Cont
850	KHLO	Hilo, HI	Silent	Religion
860	KWPC	Muscataine, IA	Country	News/Talk:Country
880	WZAB	Sweetwater, FL	Format unknown	Religion (IHR)
920	WGNU	Saint Louis, MO	Bus/UC:Gos(wknds)	Urban Cont:Gospel/Talk
930	WNCL	Milford, DE	Sport (ESPN)	Classic Hits
970	WNNR	Jacksonville, FL	SS:Mexican	SS:Tropical
970	WZAN	Portland, ME	Sport (ESPN)	Country
1000	WKVG	Jenkins, KY		Adds // W278BK-103.5
1010	KXEN	Saint Louis, MO	Religion	Talk
1080	WQOS	Coral Gables, FL	SS:Religion	Religion (IHR); adds // W249DM-97.7

1080	WWDR	Murfreesboro, NC	UC:Oldies/Gospel	Newstalk
1090	XEPRS	Tijuana, B Calif	Spanish CHR	Adult Hits
1110	KTEK	Alvin, TX		Religion (IHR)
1140	WPNS	Destin, FL	Nostalgia	News/Talk
1150	WWDJ	Boston, MA	SS:Religion	Religion (IHR)
1180	KGOL	Humble, TX	SS:Sport	SS
1220	WHKW	Cleveland, OH		Adds // W245CY-96.9
1230	WCRO	Johnstown, PA		Adds // W275CV-102.9
1250	WHNZ	Tampa, FL		Adds // W246BT-97.1
1250	WJMK	Bridgeport, MI	Adult Contemporary	Classic hits
1260	WSDZ	Belleville, IL	UC:Gospel/Religion	Religion (IHR)
1280	KYRO	Troy, MO	News/Talk	Classic Rock Adds // K287CM-105.3
1300	KAKC	Tulsa, OK		Adds // K272DQ-102.3
1310	KIQQ	Barstow, CA	Silent	Spanish oldies
1350	WOYK	York, PA	Sport (NBC)	Sport (FSR)
1360	KELE	Mountain Grove, MO	Talk	Religion
1360	KMJM	Cedar Rapids, IA	Nostalgia	Christmas
1360	WHCG	Metter, GA	Cont Christian	Sport (ESPN)
1380	KXFN	Saint Louis, MO	Talk	SS:Religion (IHR)?
1400	WATW	Ashland, WI	News/Talk	Country; adds // W267CS- 101.3
1400	WFPA	Ft. Payne, AL		Silent
1400	WSMY	Weldon, NC	Sport	News/talk
1400	WZNG	Shelbyville, TN	Talk	Classic rock
1410	WHBT	Tallahassee, FL	Silent	Religion (Your Network of Praise)
1410	WLSH	Lansford, PA	Adult Cont/Oldies	Nostalgia
1420	KGIM	Aberdeen, SD		Sport (FSR)
1420	WGXI	Plymouth, WI	Nostalgia	Adult Cont/Oldies; adds // W253CW-98.5
1430	WRDN	Durand, WI	Country	Farm/Country
1440	KEXB	University Park, TX	Stunting	Religion (IHR)
1440	WHKZ	Warren, OH		Religion (IHR)
1440	WPGW	Portland, IN	Adult Contemporary	Classic Hits
1450	WKAT	Miami, FL		Adds // W270CV-101.9
1450	WYCL	Niles, OH		Silent
1460	WJCP	North Vernon, IN	Classic Rock	Country
1480	WNKW	Neon, KY		Adds // W248DI-97.5
1480	WVOI	Marco Island, FL	Silent	Religion (IHR)
1490	KTTR	Rolla, MO	Adult Cont	Cont Hits
1510	WFAI	Salem, NJ	Urban Cont:Gospel	Urban Cont:Oldies; adds // W245CJ-96.9
1510	WRRD	Waukesha, WI		Adds // W269DL-101.7
1510	WVJJ	Salem, NJ	Urban Gospel	Adult Contemporary
1520	WMLM	Saint Louis, MI		Adds // W290DR-105.9
1540	CHIN	Toronto, ON	Ethnic/Brokered	Ethnic/Brokered/EEan
1550	KMRI	West Valley City, UT	Silent	Regional Mexican
1550	WKTF	Vienna, GA	Silent	Rock and Country
1580	WORV	Hattiesburg, MS		Silent
1580	WPGY	Ellijay, GA	Oldies	Adult Contemporary
1580	WTTN	Columbus, WI		Adds // W224EG-92.7
1590	KDJS	Willmar, MN	Country/Talk	News/Talk
1590	KVOG	Agana, GU		Silent
1590	WNST	Beech Grove, IN	SS:Adult Cont	SS:Oldies
1690	KDMT	Arvada, CO	Business	Religion (IHR)

FACILITY AND PARAMETER APPLICATIONS /

GRANTS

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

780	KCEG	Fountain, CO	STA, U1 475/180, drop wire at CP site (G)
820	KCBF	Anchorage, AK	STA, U1 10000/10000 from KFAR-660 site; has lost licensed tower site (G)
840	WCEO	Columbia, SC	Silent Nov. 9 (2018); has been on the air since May 19
890	KJME	Fountain, CO	STA, U1 1000/11, drop wire at CP site (G)
920	KARN	Little Rock, AR	STA, U1 1250/1250, can't switch patterns (A&G)
1040	WHBO	Pinellas Park, FL	STA with U1 3600/105; has abandoned CP to move to Largo FL and will instead rehabilitate its night DA system (A)
1090	KEMR	Milan, NM	Had CP for D1 1000 on 1080 kHz, CoL to Moriarty NM, new site; granted amendment to D1 400, different new site (but still on 1080 kHz and in Moriarty) (G)
1100	WCGA	Woodbine, GA	Silent Sept. 12; damage from recent storms.
1110	WCBR	Ricmond, KY	STA, reduced power (using D1 30), equipment failure (A)
1120	WBBF	Buffalo, NY	Silent Oct. 22; damage from recent storms.
1150	WIMA	Lima, OH	STA, night parameters at variance (G)
1160	WCRT	Donelson, TN	STA, U2 13000/1000, day transmitter being replaced (G)
1230	WRBS	Baltimore, MD	Licence to cover CP for U1 600/600, new site triplexed with WOLB-1010 and WWIN-1400) (A)
1240	WGCM	Gulfport, MS	STA, grounding system at variance due to diplexing (A)
1240	WJMC	Rice Lake, WI	STA, temporary antenna during tower replacement (A)
1240	WPTR	Schenectady, NY	Silent May 7; on the air Oct. 16. Silent Oct. 23; transmitter failure
1250	KFOG	Little Rock, AR	STA, U3 1200/1200, can't switch patterns (A&G)
1260	WSDZ	Belleville, IL	STA, night parameters at variance (G)
1280	WDSP	De Funiak Sprs, FL	Silent Oct. 23; pending sale
1280	WIPC	Lake Wales, FL	Licence to cover CP for U1 1000/150 (A)
1290	KOWB	Laramie, WY	STA, reduced day power (U4 1000/1000), getting a new 5 kW day transmitter (G)
1290	WRPA	Providence, RI	Silent Nov. 27 (2018); on the air Nov. 9
1320	KNIT	Salt Lake City, UT	CP with U1 730/730, new site (diplexed with KJJC 1230) (G)
1320	KOLT	Scottsbluff, NE	Silent Nov. 1; new owners will resell but can't operate due to multiple station ownership rules (has since changed call to KOAQ)
1340	WMHZ	Holt, AL	STA, U1 100/100, construction of a nearby tower (G)
1350	KUSG	Agana, GU	Silent Oct. 18; legal problems with transmitter site
1360	KELE	Mountain Grove, MO	Silent Oct. 31 (2018), on the air Oct. 24.
1370	WWCB	Corry, PA	CP for U1 1000/14, existing site (G)
1380	KUVR	Holdredge, NE	CP with D1 320, new site (diplexed with KRVN-880) (A); STA, U1 25/25, temporary TIS-style antenna; has lost licensed site (A&G)
1400	WFPA	Fort Payne, AL	Silent Oct. 26; lost tower in storm
1410	WHBT	Tallahassee, FL	Silent Sept. 27; has lost licensed transmitter site
1410	WIHM	Taylorville, IL	Silent Feb. 8; on the air Mar. 4 (but just posted to FCC now); STA U3 63/63, problems with transmitter (G)
1420	KBTN	Neosho, MO	STA, U1 100/100, lightning damage (G)
1430	WDIC	Clincho, VA	Silent Oct. 31; lightning strike.

1450	WLAY	Muscle Shoals, AL	STA, U1 60/60, 24m LW (G)
1460	WPON	Walled Lake, MI	Programme test authority for CP with U4 670/580, new site (G)
1470	WTTR	Westminster, MD	Licence to cover CP for U1 535/35 (A)
1480	WKGC	Southport, FL	Silent Jan. 29; on the air Oct. 22 (but may be silent again Nov. 4)
1480	WYZE	Atlanta, GA	Silent Nov. 18 (2018), on the air with STA Oct. 14
1490	WSYL	Sylvania, GA	Silent Nov. 1; issue with programme source.
1500	KSJX	San Jose, CA	STA, U3 5000/5000, night pattern 24 hrs (A&G)
1510	KCTX	Childress, TX	STA, D1 100, 80' LW; tower fell (A)
1510	WBSG	Lajas, PR	Silent Sept. 20 (2017); on the air with STA (D1 250) Sept. 20
1510	WMEX	Quincy, MA	Licence to cover CP for U1 10000/100 (ch 2000), CoL ex- <u>Boston MA</u> , new site (diplexed with WBIX-1260) (A); STA to use completed CP facilities (as above); silent station needs to broadcast by Nov. 10 to maintain licence - see Silent Stations update above (A)
1520	KXZZ	Lake Charles, LA	STA, U2 250/250, power problems (G)
1520	WBZW	Apopka, FL	CP with U4 4000/8, CoL to Fairview Shores FL, new site (diplexed with WRSO-810) (A)
1530	KVOG	Agana, GU	Silent Oct. 18; legal problems with transmitter site
1530	KXTD	Wagoner, OK	STA, D1 1250, tornado damage to one tower (G)
1540	KBOA	Kennett, MO	Licence to cover CP with U1 1000/3 (ch 530), new site (A)
1540	WJZI	Decatur, IN	Silent Nov. 3 (2018); on the air Nov. 2 with STA D1 62.5, 151' LW at licensed site (G)
1540	WYCL	Niles, OH	Silent July 18; on the air with STA Nov. 3
1550	KMAD	Madill, OK	Silent June 10; on the air Oct. 23
1550	WKTF	Vienna, GA	Silent Apr. 15; on the air Nov. 1
1580	WORV	Hattiesburg, MS	Silent Dec. 11 (2018); owner is deceased
1590	WRSB	Brockport, NY	CP with U1 300/5 <u>on 1600 kHz</u> (A)
1590	WVNA	Tuscumbia, AL	STA, U1 500/50, 45m LW (G)

CONSTRUCTION PERMITS ON THE AIR

The following CPs are on the air:

1280	WIPC	Lake Wales, FL	CP for U1 1000/150, existing site
1300	KKOL	Seattle, WA	CP for U4 50000/3200, new site (diplexed with KLFE-1590)

CALLSIGNS CANCELLED/REINSTATED

1480	WTOY	Salem, VA	Had been deleted, but has petitioned for reconsideration; owner of the station died on August 18, and station missed the June 1 deadline for filing a licence renewal. Licence expired Oct. 1 but FCC now lists as active.
1570	KPRO	Riverside, CA	Licence cancelled by FCC; silent since Aug. 3, 2018.
1580	WDAB	Travelers Rest, SC	Licence cancelled by FCC; silent since Apr. 3, 2018.

73 and Good DX,

Andrew

CENTRAL AMERICAN NEWS

with Tore Larsson ✉ Frejagatan 14A, SE-521 43 Falköping, Sweden
e-mail: ca-news@mwcircle.org ☎ +46-515-13702

Mexico

1090 XEPRS Tijuana, BC was Spanish CHR (Top 40 Rock), now adult hits. (IRCA's DX Monitor 57/10)

Puerto Rico

- 580 WKAQ San Juan – granted STA extension, U1 10000/4500.
740 WI2XAC Ponce – license for experimental repeater for WIAC-740 San Juan cancelled. FCC cancelled a number of these experimental “repeater” licenses in 2016 and denied a petition for rehearing, so this is now deleted.
940 WIPR San Juan – granted STA extension, U1 2500/2500 from WKAQ-580 tower.
1110 WVJP Caguas – granted STA extension, shorter tower (Hurricane Maria damage).
1350 WEGA Vega Baja – granted STA extension, U1 625/625.
1400 WIDA Carolina, silent.
1510 WBSG Lajas, on the air with STA (D1 250) September 20.
(NRC DX-News 87/02, 87/03 and 87/04)

SOUTH AMERICAN NEWS

with Tore B. Vik ✉ Kirkåsveien 15, NO-1850 Mysen, Norway
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Argentina

- 880 R Provincial de Sierra Colorado (RN12) a move from 1580 (Argentina en AM y FM)
1190 R La Mas Santiagueña, Gregorio de Laferrere, Partido de La Matanza (BA232) – ex. 1060. (Argentina en AM y FM)
1380 LRI231 AM 1380 Radio, Necochea (BA190) – ex. LV del Sudeste. **W:** am1380.com.ar/ (AND15)
1490 LV22 R Huinca Renancó (CO15) – ✉ Santa Fe y La Pampa, Huinca Renancó (web)
1560 LV de Tandil, Tandil (BA194) – ex. AM 1560 “La Radio de la Gente”. (web)
1580 R Provincial de Sierra Colorado (RN12) moved to 880 (Argentina en AM y FM)

Brazil

- 550 ZYI429 R.Mais, Sinop (MT29) – ✉ Rua das Aroeiras 1589, 78550-114 Sinop. **W:** radiomaissinop.com.br/ **E:** contato@radiomaissinop.com.br (Daniel Wyllyans via HCDX)
630 ZYI384 R Dif. Bom Jesus, Cuiabá (MT05) – ☎ 65 3055 3182. **W:** radiodifusoracuiaba.com.br/ **E:** radiodifusoracuiaba@gmail.com (Daniel Wyllyans via HCDX)
640 ZYI424 R Tangará, Tangara da Serra (MT18) – ✉ Av. Brasil 765-N, 7830-000 Tangará da Serra. **E:** comercial@radiotangara.com.br (Daniel Wyllyans via HCDX)
750 ZYL213 R. América, Belo Horizonte (MG19). ✉ Av Itaú, 515 Dom Cabral, 3469-2500 Belo Horizonte. ☎ 31 3469 2549. **W:** radioamerica.arquidiocesbh.org.br (web)
760 ZYN408 R Natureza, Chapada dos Guimarães (MT32) – delete **W.** and **E.** (Daniel Wyllyans via Hard-Core-DX)
870 ZYN409 R Garça Branca, Guiratinga (MT35) – ✉ Rua Generoso Ponce, 478 7876-000 Guiratinga ☎ 66 3431 1842. **W:** <http://rgbga.blogspot.com.br> **E:** radiorgb@gmail.com (Daniel Wyllyans via HCDX)
880 ZYE521 R Inconfidencia, Belo Horizonte (MG35) – ✉ Av Raja Gabaglia, 1666 – Santa Lúcia, 30350-540 Belo Horizonte. Engineer = Gleison Raja Gabaglia. **E.:** gleisonferreira@inconfidencia.com.br (Claudio Galaz)

- 900 ZYI455 R Dif. Arco-Íris, Araputanga (MT36) – ☒ Rua Limiro Rosa Pereira, 690 78260-000 Araputanga. ☎ 65 99984 2565. E: contato@radiodifusoraarcoiris.com.br (Daniel Wyllyans via HCDX)
- 1010 ZYK232 R Tua Voz, Caixas do Sul (RS53) – ex. R 1010. W: <http://tuavoz.com.br/> ☎ 54 3289 3067. E: ti@radiocaxias.com.br (LEM411/PÄ&HN)
- 1030 ZYI441 R Itai do Río Claro, Rondonopolis MT – new station. ☒ 200 Travess Araçatuba, 78700-310 Rondonopolis, MT. ☎ 11 3347 4700. IPDA (AIH103/LAL&MTM)
- 1120 ZYK274 R Rural, Porto Alegre (RS191) has closed down it's transmitter on 1120. (Rudolf Grimm)
- 1140 ZYK645 R Bandeirantes, Río Claro (SP110) – ex. R Educação é Cultura. (web)
- 1160 ZYI385 R A Voz do Oeste, Cuiabá (MT15) – W: rvonews.com.br E: contato@rvonews.com.br ☎ 65 99959 1160. (Daniel Wyllyans via HCDX)
- 1200 ZYH585 R Clube AM 1200, Fortaleza (CE26) – ex. R Clube. ☒ Rua Tiburcio Frota 905, 60130-301 Fortaleza. ☎ 85 3121 1200. W: radioclube1200.com.br E: comercial@radioclube1200.com.br (web)
- 1410 ZYK691 R América, São Paulo (SP158) – W: radio.cancaonova.com/radio-america/ (web)

Chile

- 540 CB54 R Serrano, Melipilla (MS01) – ex. R Ignacio Serrano. W: radioserrano.cl (Claudio Galaz)
- 1530 CC153 R Patagual, Coronel – new station. W: radio.patagual.cl E: radiopatagual@gmail.com (web)

540 Ignacio Serrano, Melipilla	1100 BBN, Santiago de Chile
570 R Salud, Santiago de Chile	1100 BBN, Valparaíso
600 Vida Nueva, Santiago de Chile	1110 R La Frontera, Temuco
620 R Norte Verde, Ovalle	1140 R Nacional de Chile, Santiago de Chile
630 Stella Maris, Valparaíso	1180 R Portales, Santiago de Chile
660 Mexicana, Santiago de Chile	1270 R Festival de Viña, Viña del Mar
690 R Santiago, Santiago de Chile	1300 R Conexiones, Santiago de Chile
730 Cooperativa de Valparaíso	1330 R Romance, Santiago de Chile
760 Cooperativa de Santiago	1380 Nueva Radio Plenitud, Santiago de Chile
820 R Carabineros de Chile, Santiago de Chile	1420 R Panamericana, Santiago de Chile
840 Portales de Valparaíso	1460 R Palabra Viva, Santiago de Chile
860 R Inés de Suarez, Concepción	1470 R Sargento Aldea, San Antonio
880 R Colo Colo, Santiago de Chile	1480 R Comunicativa, Ovalle
900 Corporación de Valparaíso	1480 R La Amistad, Tomé
930 R Nuevo Mundo, Santiago de Chile	1490 Ochentera Radio, San Bernardo
960 R Carrera, Santiago de Chile	1500 Trasandina, Los Andes
1000 BBN, Santiago de Chile	1510 R Alvarez Sierra, Illapel
1020 R Amiga de Talca	1510 R Poder Pentecostal, Rancagua
1030 R Chilena de Concepción, Concepción	1530 R Nexo, Quillota
1030 R Progreso, Talagante	1550 R Manuel Rodríguez, San Fernando
1060 R Inolvidable, Santiago de Chile	1570 R Cristo llama al pecador, Rancagua
	1600 R Nuevo Tiempo, Santiago
<i>Loggings made by Claudio Galaz in Ovalle, Chile</i>	

Colombia (ed: TL)

- 1470 HJII Esperanza Colombia Radio, Medellín. This is the first Adventist station in Colombia started on October 26th, 2019. – ex Aviva 2, ex R Popular. (Mauricio Molano, mwcircle 2.11.2019)

Peru

- 580 OAM7N R TV Aswanqhari 580 AM, Azángaro (PU58) ex. R Pública. ☒ Jr. Sandia 280 21157 Azángaro. ☎ 999 011 494. W: facebook.com/radioaswanqhari580am E: radiotvaswanqhari@gmail.com (web)
- 1430 OCU2U LV de Salvación, Jaén (CJ78) – ex. R Visión. (logged by Juha Vehmas, ARC)

Venezuela (ed: TL)

- 780 YVMN R Coro, Coro, is again active. (Arne Nilsson, ARC 19.10.2019)
- 880 YVZD R Barinas, Barinas is back on te air (Santiago San Gil G, Cadena DX fb 17.11.2019)

WORLD NEWS

(Europe, Asia, Africa)
with Ton Timmerman

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

Dear radiofriends,

Due to a short DX-trip to Scotland I was not able to write the November version of this column. But here we are again with the December news items.

ALGERIA

Radio Algérienne, Béchar on 576 kHz with its new 400 kW transmitter. The station has been testing during a week with test -tone, but is now running programs in Arabic and French. (*Iberia DX Grop via ARC*)

COOK ISLANDS

On 630 kHz Radio Cook Islands has reactivated an AM 630 kHz service from an old standby transmitter with a mast of 25 metres located at Black Rock on the Island of Rarotonga, on the 18th of October. The mast and the main transmitter at Matavera were decommissioned on the 5th of August and replaced with a FM service on 101 MHz.

An email received from the station manager Jeane Matenga said the old AM standby transmitter was reactivated at the government's request due to the poor replacement FM coverage. (*Chris Rogers via DXLD*)

CYPRUS

High-power masts at Cavo Greco will be removed early next year following pressure from local authorities, the Ayia Napa municipality said. Removal of the masts had been a long-standing demand because of the risks to the health of the residents and the environment, the municipality said. The transmitters were used by the United States Broadcasting Board of Governors and the French organisation Somera. Both organisations have decided to terminate their broadcasts by the end of January 2020. Neither broadcaster would seek to relocate elsewhere on the island.

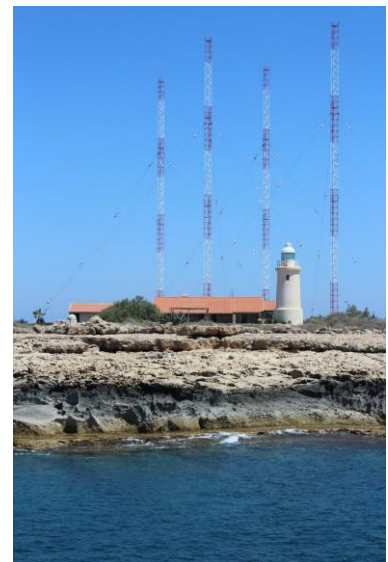
“The Ayia Napa mayor and council feel particularly satisfied and relieved that the high-power radio transmitters installed at Cavo Greco and used to broadcast to the Middle East will become a thing of the past,” a written statement said.

The risks to public health were confirmed by studies, which found that the antennae emitted electromagnetic energy that was 113 times above permitted levels, the municipality said.

After the removal of the installations, the area will be accessible to the public, contributing to the municipality's efforts to turn into a green local authority, fully harmonised with the green city philosophy applied in large European cities. (*Steve Whitt*)

IRAQ

ERBIL — The Iraqi Communications and Media Commission (CMC) has ordered the closure of 12 TV channels and four radio stations allegedly for "publishing content inciting violence" during



coverage of the nationwide protests against the government. Speaking to Arab News, observers noted that five more other TV channels were also warned to face similar measures if they continue to "violate" articles of media licensing regulations.

According to the report, Sharqiya, Al-Hadath, Dijla, Al-Arabiya, and Alhurra Iraq were among the channels that were closed. Iraqi authorities have previously taken similar actions, including cutting the access to internet so as to put an end to the ongoing protests in Baghdad and other major provinces in the country. (*BASNEWS via Steve Whitt*)

LITHUANIA

Rimantas Pleikys answered a question about broadcasting: "Here is our schedule on 1386 kHz until December 31 (times are in UTC):

0330-0400 NHK World Japan, Russian;
0400-0500 Radio Poland, Belarusian;
1400-1430 Radio Poland, Russian;
1630-1700 Radio Poland, Polish;
1730-1800 NHK World Japan, Russian;
1800-2100 Radio Free Europe / Radio Liberty, Russian.
(*Dmitry Elagin "deneb-radio-dx" via RUS-DX*)

NORWAY

On 630 kHz our 4th frequency of Northern Star is transmitting again since 23 November, 1630 CET. We will in this test period (3 weeks estimated) first use an ID loop with the call sign LKBT continuously in morse. These tests come from The Islands West of Bergen and are in preparation for using this frequency on a permanent basis. Power is 20 watts from a 20 metres toploading mast. Reports to: 1000@northernstar.no (*Svenn Martinsen via ARC*)

NRK Ingøy closed its operation on 153 kHz on December 1, 2019 at 2306 UTC without any special announcements after 19 years of operation. The program was a relay of P1. (*Bengt Ericson via ARC*)

SWEDEN

The only LPAM station in Sweden "The Asphalt Telegraph" is back on the air.

Now we have a license again, now at Europe's best mediumwave frequency, 1494 kHz, with no stations at all on the air in EU when Radio Moldova is off air between 20.00 UTC until 03.55 UTC when they open again. Two 14-day licenses are issued by The Swedish Press and Broadcasting Authority and The Swedish Post and Telecom Authority (PTS) from: 25th of November - 8th of December 2018 and 23rd of December 2018 to 5th of January 2020.



This is the most noise-free frequency in all of Europe, so there is a chance that our 300 watts can reach the state side! We have noted signals from our station on a web-sdr receiver in eastern Iceland <http://r.utvarp.com/> with really good signal strength around 01 UTC so there is a chance to log the Asphalt Telegraph on the state side! Reception reports are welcome to 1494khz@gmail.com (*The Asphalt Telegraph broadcasting team via ARC*)

UGANDA: AFRICAN MONITOR

with Stefan Schliephacke

e-mail: stefan.schliephacke@gmx.de

Uganda DX-Pedition 5+6 -April and October / November 2019

“Oh my God” – that was the first what I thought, when tuning the band in April this year when I was in Uganda the first time! What should one say? MW dies away as in Europe and the situation in East Africa seems to follow the development in the western parts of the continent, where most stations have disappeared already, despite of a couple ones remaining in some countries i.e. Nigeria. Part 1 of this article will deal with some general remarks regarding the situation in Uganda, the listening post etc. The second part will show the actual frequency usage of the radio stations in East Africa, with all of the “OMG’s” experienced ☹. The third part is the log section with all the stations I picked up. On with the show – here we go...

Part 1 - General Remarks:

After a 2 ½ years interruption this year I managed to join my wife even for two journeys to Uganda in 2019. Our stay in April was a very short one and came more or less unplanned - 8 days only due to limited time at my wife’s office at BASF and mine with suffering Deutsche Bank, but the trip needed to be done to fix several things – businesswise and with our family there, so busy days for my wife and limited time to go after radio for myself.

Stefan, his wife & relatives smartly dressed for a ceremony →

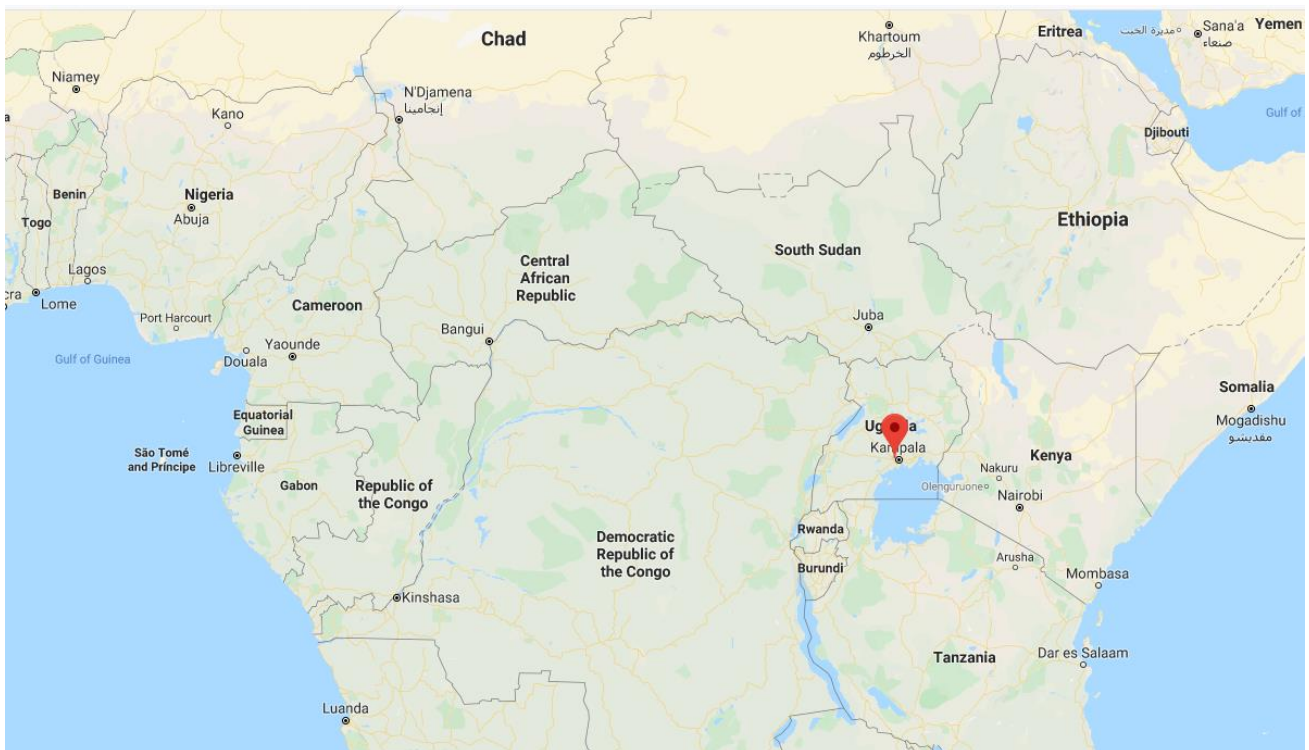
The October journey was very much longer, namely for a three weeks period. After arriving late in the evening on Oct 17th in Entebbe (imagine, we had seven big and three small suitcases, no customs issues thankfully...), the first one and half weeks had been very much packed with several activities. My wife’s older brother had his engagement on Oct. 20th followed by his marriage on Oct. 26th – the short period of time in between both events is not uncommon in East Africa

In between these two events a huge university degree party for two girls in the family having made their masters took place on Oct. 23. While “party number one” was small with 30 people invited, the graduation fest took place at our premises with 300 guests invited (family, friends, village



representatives etc.) and at the wedding we had even more people taking part – it ended up with a 500 participants! The village named Nsangi is about 20 miles south-west of the capital Kampala, just next to the connecting road to Rwanda.

I waited until all celebrations were finished and Monday, 28 of October it was antenna construction day. Radiowise each trip to Uganda gets more and more complicated. When I was there the first time 12 years ago in 2007 Nsangi village was clearly separated from the capital Kampala, as most of the other villages as well. While the infrastructure did improve meanwhile - new roads constructed (i.e. a new highway surrounding Kampala and leading to Entebbe airport directly) and a better and more stable electricity supply was built up - the whole area gets more and more over-populated as the population still is growing as in the whole of Africa. In an old WRTH which I checked recently (guess it was from 1974) a population of 9.5 million was stated, 45 years later it is about to reach 30 millions. Consequently land consumption is immense. About 120 years ago most of Frankfurt's suburbs had been separated villages with a countryside in between. That is mostly gone since a long long time and similar is Kampala's development nowadays. Pretty quickly free spots disappear, today most countryside areas between Nsangi and other villages and the capital itself are gone. Only houses with a ground floor are being built making the process even faster. My wife's brother Martin and a sister built houses on my mother in law's ground. Previously free areas surrounding her premises used for constructing small houses as well.



Building up antennas gets more and more tricky and the only good spot with the correct target is the football field in southern direction which I make use of during the nights. New neighbours had been contacted to ask for permissions i.e. for the 60 deg one. Thought to erect a K9AY, but not that easy as well. Previously used areas not so far away from the house (one has to be aware of thieves taking away everything...) with feeders of around 50m are used for a little stock farming (some 15 sheep and 5 cattle). Maybe next time I gonna bring my old AIA1530, this time I was not willing to invest the EUR 1.200 for new rotor, mast, feeders and transport plus installation costs). So I stuck with the long-wires which had lengths as follows:

April 2019

Longwire 1:	020 degrees / 200 degrees (backside)	length 150m
Longwire 2:	060 degrees / 240 degrees (backside)	length 120m
Longwire 3:*	170 degrees / 350 degrees (backside)	length 100m

Oct. / Nov. 2019

Longwire 1:	030 degrees / 210 degrees (backside)	length 175m
Longwire 2:	070 degrees / 250 degrees (backside)	length 125m
Longwire 3:*	160 degrees / 340 degrees (backside)	length 150m
Longwire 4:	350 degrees / 170 degrees (backside)	length 125m

*erected on the football ground south of our house, used approx. from 22h - 07h local time only

Part 2 - East Africa Frequencies Usage (all in UTC):

NOTES: listed powers in kW are shown in () after the frequency. Active means confirmed on air.
NA= National Anthem

Djibouti:

Taking this countries size in count, MW is not needed for Radio Djibouti in my opinion, FM can do easily, guess there won't reactivate the MW in the future anyway

R Djibouti:	Off:	Djibouti 1116 (50) and 1539 (50), stations gone since 2013
R Sawa:	Off:	Djibouti 1431 (600) switched off date not known, heard in April
VoA:	Active:	Djibouti 1431 (600) new instead of R Sawa
	Times:	0000h until 0300h E px sign off (0330h listed)
		1530h until 1700h E px, 1700h until 1800h Somali px (ex 1600h)
		1800h until 1830h E African px, 1830h until 2000h French//1530
		2000h until 2100h F px not //1530, 2100 until 0000h English

Eritrea:

During the last years I was always of the opinion, that stations in Eritrea are stable similar to neighbour country's Ethiopia ones. Back in 2018 when tuning remote-receiver in Europe I realized that VoBM was "travelling around", no longer on the officially listed QRGs:

VoBroad M.	Active:	Asmara 950 (nom 945, 100) Px1, Selai Dairo 840 (nom 837, 100) Px2, 837 has R Oromiya / ETH since 2014 (see below). I wonder how much interference the ETH- xmtr (100) is causing within Eritrea being just a 3 kHz ahead
	Times:	Sign on 0250v with IS, sign off at around 19hv (not heard in April)
	Remarks:	not heard at all in April, maybe they were off for repair

Ethiopia:

EBC seems to be on the stable side. No further stations closed, however silent ones aren't reactivated by now. It also seems that some of the transmitters (as stated below) run at reduced powers compared to previous years, which affects the stations heard in Europe on 891 / 1044. The hours of broadcast times was increased since 2016, most outlets run on 24h basis nowadays. Despite of the EBC one of the smaller other stations disappeared or is FM-only today, but two news are active in addition as well. (see below):

EBC R Ethio. Off: Bahir Dar 594 off since years, Addis 989 not heard (pres off, 1 Kw)
Active: Metu 684 (100), Arbar Minch 828 (100), Harar 855 (100), Addis 873 (100), Dese 891 (100 listed, much weaker compared to the past), Robe 972 (100, distorted signal in Oct/Nov always), Mekelle 1044 (100 listed, but at lower power pres +/-10kW), Negele Borano 1485 (10 listed, but may be stronger as very loud).
Sep. / loc px: Metu 684 (100) afternoons until 16.58h reg/local, Id not heard Harar 855 (100) 16h – 1658h FS? Not Amharic, may be Tigrinya
Times: abrupt sign ons at 0245v on 855, 891 and 1044, no IS nor NA heard Sign off on these channels irregular 20h – 21h stations underlined are at 24h, but 855 is irregular at night!

R Oromiya Active: Robe 837 (100), Adama 1035 (10), 1053 Nekemte (100) as listed,
Times: in April: sign on 0250v with Xylophon IS, starting time not Simultaneously. In Oct / Nov: started a 24h service.

R Fana Active: Addis 1080 (3)
Times: sign on 0255v with IS. NA
Fade in around 15h, sign off 19h (1830h listed)

VoTigray Active: Addis 1359 (100)
Times: sign on 0255v with IS
sign off 2001hv

Amhara State Active: Bahir Dar 801 (100)
Times: sign on 0255v with IS, carrier on earlier, sign off 2100v with NA

R Sidama Active: Yirga Alem 954 (2.5)
Times: not heard in the mornings, due to late sign on presumingly
fade in around 15h sign off 18hv

Gimbi Educ R Active: Gimbi 1215 (10?) in unid ETH lang, not Amharic, Tigrinya pres,
Times: often blocked by ARS same channel
not heard in the mornings, due to late sign on presumingly
fade in 1530h, heard until 20h but v, nothing in the mornings

Al Sharq Off: Mekelle 918 (100)

Kenya:

Originally 9 MW sites existed about 10 years ago. Back in 2010 KBC axed the MW's in Kitali, Malindi and Voj centres. I cannot determine the exact time, but between the end of 2016 and April 2019 three further MW sites had been closed as well, plus one of the Maralal site transmitters in addition. Guess it will not be long until Kenya will be a "FM-only country" similar to lots of other countries

A. Closed Stations since end 2016

<u>Freq</u>	<u>Location</u>	<u>Pwr</u>	<u>Time</u>	<u>Programme</u>	<u>Remarks</u>
0558	Kapsimoto	020	n/a	KBC Kisumu	had own px in the past
0612	Ngong	100	n/a	R Taifa in Sw had CRI in the evening 19h	
0747	Ngong	100	n/a	Mwatu FM	separate px
1107	Maralal	100	n/a	R Taifa in Sw had CRI in the evening 19h	
1152	Wajir	050	n/a	R Taifa in Sw had CRI in the evening 19h	
1305	Wajir	050	n/a	E+North Serv had BBC WS M-F 19h	

B. Active Stations

<u>Freq</u>	<u>Location</u>	<u>Pwr</u>	<u>Time</u>	<u>Programme</u>	<u>Remarks</u>
0567	Garissa	050	sign on 0155v til f/out 04hv	R Taifa in Sw //639, 675, 1233	

0639	Garissa	050	fade in 16h til s/off 2055v sign on 0155v CYP 02h!	R Taifa in Sw //639, 675, 1233, 1386 R Taifa in Sw //567, 675, 1233
	(Note 1 below)		from 1800h til s/off 2055v	R Taifa in Sw //567, 675, 1233, 1386
0675	Marsabit	050	sign on 0155v til f/out 04h	R Taifa in Sw //567, 639, 1233
	(Note 4 below)		fade in 16h til s/off 2055v	R Taifa in Sw //567, 639, 1233, 1386
1233	Marsabit	050	sign on 0155v til 03h CYP!	R Taifa in Sw //567, 639, 675
	(Note 2+4 below)		Fade in 16h til 20.55v	North. Serv.? no // unclear
1386	Maralal	100	sign on 0155v til f/out 04h	E Service E sermon after s/on
	(Note 3 below)		fade in 1530h s/off 2055v 2100h until 0200h	R Taifa in Sw //567, 639, 675, 1233 E Service Night Service irregular

- Note 1: had English Service 1600h until 1800h in the past, presume this is cancelled. QRG blocked by CYP at these times though and not 100% clear therefore
- Note 2: had Northern Service 1600h until 2110h in the past, presume this is cancelled. QRG blocked by CYP though and not 100% clear therefore
- Note 3: Maralal stn instable pretty often i.e blank carrier on, but no modulation at all, irr on for 24h, relaying the E Service after 21h, no logic in that regard given presume that is the next stn to disappear
- Note 4: blank carriers heard sometimes as well on 675 and 1233
- Note 5: sign on times vary as early as 0150h until 0202h. R Taifa + E Serv starts right away, no longer the IS is aired and the National Anthem is irregularly aired at 02h (no logic found)
- Note 6: fade in and fade out times are varying. Exact frequency usage for daylight hours is not known but continuous operation presumed
- Note 7: sign off times are varying from as early as 2055h until 2102h and are depending on the transmitter site. They are just switching off in the middle of the programme, no final anns heard, nor NA played.

Malawi:

Changes took place as well but aren't that dramatically compared with Kenya and Tanzania, may be 10kW xmtrs are more economical and can be maintained easier, see below:

- MBC Off: Ekwendi 675, only 50kW they had, silent since years, Bangula 810 (10) was active in 2016, gone now
- Uncertain: Lilongwe 594 (30) hrd one time in April only // the other freqs and never again since, pres. off meanwhile, Nkhota Kota 1107 (1) was never heard in Uganda, exact status unknown and no longer listed anyway
- Active: Mangochi 540 (10), Karonga 558 (10), Blantyre 756 (10), Chitipa 1404 (10), Matiya 1422 (10)
- Times: Night px / 24h service on 558, 756, 1404 only (all stns were on 24h service back in 2016)
- ^ sign on for 540 and 1422 seems to be around 02h without IS / NA
I could not figure out any clear sign off time but after 22h both are silent

Mocambique:

While the political situation gets more and more worse in my view and while the country is suffering by natural disasters more frequently, the situation on the Medium Wave band is astonishingly stable:

R Mocamb. Uncertain/Off EP Sofala, Beira 873 (50) hrd once in April, ch blocked by ETH

24h nowadays (ref above information regarding Ethiopia), not heard in Oct / Nov again, might be silent at present

Active: Antena Nacional Maputo 738 (50, reactivated!!!, silent back in 2016) is not in // with 1008 (EP), EP Nampula 765 (50), EP Gaza, Xai-Xai 810 (50), EP Tete 963 (50), EP Maputo 1008 (50), EP Manica, Chimoio 1026 (50), EP Zambezia, Quelimane 1179 (50), EP Inhambane 1206 (50, 5 only listed, typo pres), EP Cabo Delgado, Pemba 1224 (50), listed inactive, was still off in April, reactivated meanwhile, maybe was destroyed by the huge hurricane some time ago and now repaired) EP Niassa, Lichinga 1260 (50), diff. ch due to SBA GS from Dammam (500kW)

Times: sign on varies from as early as 0245h until 0255, IS and P IDs, some stns have vn additionally and into NA prior 0300h sign off a couple of minutes past 22.00h – 22.06h with NA. There is “Ultima Jornal” a newscast at 2130h on all frequencies. Night px EP Maputo 1008 heard daily, Night px on the weekends on Fr/Sa and on Sa/Su only is heard on Antena Nacional 738, EP Manica, EP Tete 963, Chimoio 1026, EP Zambezia Quelimane 1179, EP Inhambane 1206 and EP Cabo Delgado 1224. EP Niassa 1260 no longer has the night px as it was aired in 2016 and no weekend night px hrd on the other channels 765, 810, 873

Sudan

Seems that this countries’ people managed to have a change in regard of the political system even it is not clear yet, how the democratization process scheduled to last two years until elections will take place will continue. African rulers always struggle till the end as there is much to lose, namely all their properties and their accounts they have with European and North American banks. And now difficult to go into exile as they did some three decades ago; nowadays Den Haag is waiting. But radio-wise such periods of political changes are very interesting always. Checking the Sudan frequencies there seems to be much more locally produced programmes and the Omdurman general programmes is no longer aired continuously on several frequencies.

SRTC Omdur.Off: SRTC 1296 (1000, 600 lately)

Active: all other stations heard as listed, also new ones on 621 and 846 from unknown sites

sep / loc local px heard in the mornings and during afternoons / evenings until about 19.01h on several freqs, everything is varying very much, times / days irr, so no further details until the situation will get more stable in the future

Times: 765 is at 24h, all others 0300hv until 2100h

R Peace Kh. Active: 963 kHz (R As-Salaam, part of SRTC)

Times: 0200h until 2100h, has Khartoum px //765 (24h) after 21h

Sudan South:

Ref above... the former civil war allies are fighting against each other destroying their own country, while it is not that long ago, they managed to gain their independence from the islamic north on 09/07/2011. Civil war ongoing since 4 years now, people are leaving the country, about 1 Mio refuges ended up in Uganda and others might end up in the boats leaving the Libyan coasts...

S. Sudan R Off: Juba 693 (50) , wonder if there is radio at all in this country nowadays

Tanzania:

Another “OMG”-country radiowise... While back in 2016 I noticed huge MW usage increase as the TBC went to 24h on most of their MW-channels, but since then they axed most of the stations similar to the situation in Kenya but even worse:

TBC Off 2016: Nachingwea 648 (100), Songea 990 (100/10), Kunduchi 1035 (10)
Off 2019: Dodoma 603 (100/10), Kundushi 657 (2x50), Mwanza 720 (50/10), Arusha 1215 (50/10)
Uncertain/Off Mbeya 621 (50/10), seems to be very irregular, if not gone already as well, hrd in April on one or two occasions only),
Active: Kigoma 711 (100/10, strong with S5 always) only station at present
Times: sign on times are varying as early as 0155h until 0202h
Programme starts right away, no IS nor NA heard
sign off 2055h – 21.02h (was 2110h in the past), Fr / Sat until 21.20hv
no 24h service any longer as it was aired back in 2016
seems irregular sometimes i.e. 03/11 there was no signal at all
Vo Free Afr. Off: Mwanza 1377 (50), gone, a pity, was heard in the car radio in UGA in the past
Radio One Off: Dar-es-Salaam 1440 (10), gone, was a “car radio station” in UGA
Active: Moshi 1323 (10)
Times: not heard in the mornings
Afternoon fade in around 1550h with CRI FS in English
It seems to me that the xmtr is switched on for only CRI programs
No Radio One own programmes heard, abrupt sign off at 18h, no own ID

Uganda:

Yes, the folks at UBC did it – all of their MW stns are gone! And in the over-crowded Kampala’s FM-band it’s not easy to find UBC stations as well. Guess they stick with TV broadcasts mostly and for that purpose UBC got a real huge new building in the centre of downtown Kampala a couple of years ago....

UBC Off: Magawa 576 (100kW), Kampala 909 (20), Kabale 999 (100) and all the others a long, long time ago already

Zanzibar:

Thought they left the Medium Wave finally back in 2016, but they are back surprisingly with good signal levels as follows:

RT Zanzibar Active: Zanzibar 585 (100)
Times: sign on 0250hv, no IS / no NA played, sudden starts in the middle of the px. Sign off mostly exactly at 21.01h, no final anns nor NA played though sometimes relays Spice FM in the mornings, seems no logic behind

Part 3 - Log Section:

General Remarks:

- I let all Europeans heard in the list for information purposes
- I let the 2019 UNIDs in my list, this is for further examination
- Frequency 0000 =stations heard in previous years already
- Frequency **0000** =station are new and were not heard in the past
- Frequency *0000* =stations are marked **INACTIVE** others than East Africa (listed in Part 2 above)
- Date column A =April, AON =April, October, November, ON =Oct / Nov or exact date

Freq	Station / Details	Qual.	Time	Date
0531	KAN Reshet Moreshet, Yavne, Hebrew tlk by 2 OM, 1458 not heard	f/g	0311	05/11
0531	SBA Qu px Bisha // 558	fair	1600	AON
0531	Jil FM F'Kirina, F pop YL "Vous ecoutez Jil FM"	fair	2200	AON
0531	R Botswana Maun, Chorus over toh,1801 IS part NA,wx!,TA,nx,Id, also 22h F gpks //693, 1350. Others listed on 558, 621, 648, 873, 945, 1071, 1215 not audible/hrd		1758	29/10
0540	Kossuth R site, Balatonszabadi, Hung IS, Id, nx	f/g	2000	AON
0540	R Kuwait Sulaibiyah, A OM anns, Id, nx, instr mx //1134 (weak)	fair	1600	AON
0540	MBC Mangochi, Chichewa 3 x TS, melody,nx //558	w/f	2000	AON
0540	SNRT Sidi Bennour A instr. mx, OM Id	fair	2200	AON
0549	UR1 Mykolaiv, IS, 5/1 TS, Ukr nx, reactivated, nothing in Oct/Nov	weak	2000	24/04
0549	Jil FM Sidi Hamadouche, F pop, YL anns, mostly weaker than the //531	fair	2300	AON
0549	SBA Riyadh Gen Px various, A tlk //1071, 1260	weak	1900	AON
0558	SBA Qu px Jeddah // 1512, 567	fair	1900	AON
0558	IRIB various, Farsi //other ch	fair	1800	AON
0558	MBC 1 Karonga, Chichewa 3 xTS, nx //540, 1404 "MBC R1" 20h 03/11 Excw/f		2000	AON
0558	R Rom Act., Targu Jiu, Rom. ID, nx	fair	2100	AON
0567	R Rom Act., sev sites, Rom. ID, nx	fair	2100	ON
0567	SBA Riyadh, Qu px //1512, 558, 531	w/f	1900	AON
0567	R Syria Damascus, A YL nx at 18h //783, 3/11 0000h fair	f/g	1800	31/10
0567	KBC Garissa, Sw "KBC R Taifa", nx, ad for Sat TV and organic pharma	f/g	1600	AON
0567	<i>Talk Radio Capetown, while other AFS stations are audible, this one seem INACTIVE on MW, internet stream still there but no announcement of the frequency 567!</i>			
0576	R Horizon Vidin, Bulg 4/1 TS, NA, melody, OM Id, nx	f/g	2100	AON
0576	RNE5 Barcelona, S Id nx	fair	2300	AON
0576	SBA Jizan, A Qu px //1512, 558, 531	fair	2100	AON
0576	EWTN Meyerton E "EWTN Adventist World Radio", IDs, Gospel mx (Radio Veritas listed 03h UTC until 2130h UTC but not heard)	f/g	0257	AON
0585	R Tanzania Zanzibar, Sw instr. mx, 5/1 TS, Id,nx, also 03h s/on fair	good	1600	AON
0585	SBA Riyadh // Gen px 1521	fair	2100	AON
0585	R Farhang Geslagh, Farsi long OM rpt	f/g	2000	AON
0594	MBC Linlongwe,vn tlk, Afr songs //1422 not hrd in Oct/Nov	weak	1900	25/04
0594	SBA al-Hufuf , Gen px //585	weak	1800	A
0594	SBA Mekka pres, A sep Qu px listed, but no Id hrd, also at 18h	fair	2200	AON
0595.1	SNRT Oujda A nx by OM //540	weak	2100	AON
0603	R Rom Act., var sites, Rom. ID, nx	fair	2200	AON
0603	RNE1 var sites, S Id nx	w/f	0200	02/11
0603	CBC Nicosia, Gr songs, OM /YL tlk over toh //963	w/f	2200	22/04
0603	ERTU AL-Quran Sohag, A Qu px //864	fair	1700	ON

0603	ERTU??? but neither Qu//864 nor GS px//819 or UNID A stn “Idha’at al-...”	weak	2000	02/11
0612	SBA sev. sites, Qu px // 1512	fair	1900	AON
0612	R Bahrain Abu Hayan, A TS nx, over ARS, also 18h	fair	2100	25/04
0612	JRTC Shobuk, A 5/1 TS “Idha’atu-I-mamlaka...”, news by OM	f/g	1800	29/10
0621	RNE1 var sites, 100 kW CNR pres, S Id nx	w/f	2100	AON
0621	Sawt al-Arab Batrah A folk over toh and “al-Kahira” + TS at <u>1602</u>	weak	1600	AON
0621	SRTC unid site, A Id, TS <u>16:01:30</u> , nx //765, not EGY, only that day	f gpk	1600	05/11
0630	SBA Najran, Qu px //1512	weak	1900	AON
0630	R Timisoara, Rom, Id, YL rpt, also 18h often Exc	w/f	2000	AON
0630	RTT Tunis, A song, Id, nx at toh	fair	0157	02/11
0630	<i>RTM Fendarivo, 75kW not audible at all, presume this one is INACTIVE</i>			
0639	RNE1 var sites, S football, Id	w/f	2200	28/10
0639	BBC Zyyi A px Big Ben ID good at s off at 21h, starts 02h, blocks KBC	fair	1758	AON
0639	KBC Garissa “KBC R Taifa” prior s on BBC CYP A at 02h ON	f/g	1600	22/04
0639	LNBS Lancer’s Gap vn afr pop, cont ph-in nights, no Ids, deep fadings, hrd daily after CYP+KEN close down at 2100h with Afr folk and ph-in from 22h	f/g	2200	AON
0639	Sudan R El Obeid A folk songs, not//765 at 18h, but netw at 1902 TS Id	fair	1800	24/04
0648	SBA Gen px Jeddah, A slow song //585	fair	1700	AON
0648	irr UNID carrier, huge signal for 5 min, also hrd some years ago, over SBA	Exc	1758	ON
0657	KAN Reshet Bet, Tel Aviv, Hebr, Id, instr. mx, TS, nx //1206	fair	1800	AON
0657	SBA Rafha, A Quran Px //1512	weak	1700	AON
0657	R Pulpit, Meyert.,E www.radiopulpit.co.za. 03h vn rel px Id //729 0152 31/10	good	0252	AON
0657	R Kansel, Meyert.,Afrikaans YL ID, www.radiokansel.co.za , until 02h	good	0150	ON
0666	SER Barcelona, S sports over toh, also in the morning	f/g	2200	AON
0666	IRIB R Fars, new multi-site, Farsi YL and into slow instr. mx at toh	weak	2000	02/11
0666	SRTC Kassala,A pop!,Id 1901 but //765, also <u>loc</u> 01/11 19h weak, seldom	f/g	1900	25/04
0675	QBC Doha, A songs, YL ad, 17h Id and into news, nothing from ARS	fair	1700	AON
0675	SBA two sites A Gen Px //585, 1521, nothing from QTR	fair	2200	AON
0675	KBC Marsabit, Sw songs GS, ads, OM Id “KBC - R Taifa”	fair	1958	AON
0684	R Ethiopia, Metu, Amharic?,2xXyloph.IS own px 16-17h, own nx	fair	1558	AON
0684	SBA Jeddah A song, YL Id,” Idha’at Jiddah” //702	fair	1900	AON
0684	RNE1 Sevilla, S Id nx, as early as 19h already Oct/Nov	f/g	2200	AON
<u>0693.03</u>	IRIB Bandar e-Legengeh, Farsi nice IRN song, YL ment Bandar e-Lengeh loc	fair	1900	AON
0693	SBA site? A Qu px instr mx //1512, not listed	f/g	2000	AON
0693	R Botswana Shakawe, Christian chorus //531+1350, 03h 01/11 fair	weak	1758	28/10
	Others listed on 558, 621, 648, 873, 945, 1071, 1215 not audible			
0702	SBA Jeddah, A song, YL Id, Idha’at Jiddah //684	f/g	1900	AON
0702	BBC A’Seela, Oman, A Huna BBC, Big Ben, nx “BBC Al-Arabiya” 31/10 17h: E tape informing that normal service is not available unfortunately	good	1700	AON
0702	LM R Welgedacht, E pop songs, “Check your time by the LM time (Signal) It’s 2 o’clock, this is LM R bc on 87.8 FM in Maputo, on 702 kHz M.W. in Gauteng, on OpenView ch 602 and dsTV Audio ch 821”	fair	2200	22/04
		good	0000	AOB
0711	R Tanzania, Kigoma, Sw GS, Drum IS 5/1 TS at 17.00:25	good	1700	AON
0711	ERTU Tanta A songs, OM ment al-Kahira (Sports and Youth Radio)	f/g	1700	AON
0711	SNRT El Aioun pres, A songs, no Id , not EGY	f-g	2200	AON
0711	IRIB R Khuzestan Ahwaz, Farsi-like own px, no//found, also 23h good 24/04	fair	2100	AON
0720	RDP sev sites, P instr. mx, TS, Id, nx	fair	2200	AON
0720	R Rom Act., sev sites, Rom. ID, nx	fair	2300	AON
0720	BBC Limassol, A Big Ben, Id //639 (Exc)	weak	1900	05/11

0729	RNE1 var sites, S Id nx	w/f	2100	24/04
0729	R Pulpit, Klipheuwel.,E www.radiopulpit.com. 03h vn rel px Id//657	weak	0253	02/11
0729	R Kansel, Meyert.,Afrikaans YL Id, <u>www.radiokansel.co.za</u> , seems until 02h has different programmes in vernacular in the evening until 22hv	good	0052	03/11
0738	RNE Barcelona, S Id nx	f/g	2100	AON
0738	IRIB R Bushehr, Dayyer, Farsi YL+ instr. mx bridges, "Inja Busherhshan"	fair	1700	AON
0738	UNID A non stop OM rpt ALG R Illizi?, OMA sign off 2140	fair	2300	24/04
0738	R Oman, Salalah, A Quran, melody A nx //1242	fair	1900	25/04
0738	R Moz., Maputo, P OM/YL, P end newscast, Id, OM song, also 0250, 2100h	f/g	2200	AON
0747	SRTC Khartoum or Pt Sudan , A long ph-in px stating Sudan, no clear Id also good 05/11 <u>after</u> 21h, Pt. Sudan? (Khartoum listed til 19h only)	fair	1756	AON
0747	SBA R Al-Azm, Najran, A sep. px,no // quick monotonous chants over toh, Id 29/10	fair	2300	
0756	R Rom Act., Bucarest, Rom. ID, nx	f gpks	1900	AON
0756	MBC 1 Blantyre, E pop over toh "This is MBC Radio 1" by OM, nights 1600	w fpks AON		
0765	IRIB Chahbahar, A FS //sev others	weak	0100	ON
0693	SBA sev sites A Qu px instr mx //1512	w/f	2000	AON
0765	SRTC, Khartoum A loc px til 1801, 18:01:30 netw px TS, Id	good	1800	AON
0765	RM Nampula, P slow African songs under SDN +ARS Also 03/11 2000h 24/04	fair	weak	2100
0774	ERTU Abis A nice song, Id, nx by OM	good	1900	AON
0774	RNE1 var. sites, S Id, nx, during the night as well	fair	2100	AON
0783	COPE Barcelona, S TS, Id, nx, own Catalunya px 28/10 21.57 ads	w/f	2300	24/04
0783	R Syria Tartus A OM "min al Dimas", nx //567	fair	1800	AON
0783	UNID A stn over SYR, not SBA 2 nor Gen Px, long px by OM 30 secs quran in between at 0058, MTN??? ALG R Illizi ???	fair w/f	0057 0100	25/04 31/10
0792	SBA Jeddah Quran //1512	weak	1600	AON
0801	Amhara State Reg R, Bahir Dar, Amharic nx, Ids //6089.9, +16h good	fair	1600	AON
0801	RNE var. sites, S Id, nx, during the night as well	fair	2100	24/04
0810	SBA sev. sites //792, but GS in the evening //684, 1521	A Quran over toh weak	0000	AON
0810	<u>Pravasi Bharati</u> Abu Dhabi, Mayalam, YL ads, went to 1539	good	1600	21/04
0810	EP Gaza, Xai-Xai, IS, lots of Ids in P "R Mocambique Estudio Xai-Xai" and "Emis Prov Gaza", NA, also 01/11 19h weak, seldom	fair	0255	24/04
0819	Egypt GS Batrah AA song over toh, mostly much weaker than other EGYs	fair	1700	AON
0828	R Ethiopia, Arba Minch, Amharic //855, 873, 891	good	1600	AON
0828	Magic 828 Klipheuwel, only that day, e.g Whitney Houston, Tony Braxton etc., no anns, who else?, but: has no streaming on their web-site	vyw/w	1950	05/11
0828	UNID AA stn, former SYR with Quran, no // found, not an unlisted ARS as well 24/04	weak	2100	
0837	R Oromiya, Robe //1035, 1053, mostly good	fair	1600	AON
0837	IRIB Isfahan, Farsi not //others, own px by OM+YL	w/f	2100	25/04
0840	VoBroad Masses, Selea Dairo, Amharic, also good at 16h, 837 former years	fair	1750	ON
0846	AIR Ahmedabad, E Rugby derby IND v/s ??? 46:??	w/f	1603	03/11
0846	<i>Umhlobo Wenene FM, Komga, AFS, off for several years now INACTIVE</i>			
0846	UNID Sudanese IS 0258, unclear IDs, 03h nx in vn(!!!), trad. songs	f/g	0257	06/11
0855	R Rom Act., Bucarest, Rom. ID, nx	fair	2100	AON
0855	RNE1 var sites, S Id nx	weak	2200	AON

0855	SBA Quran px, A //1512	weak	2100	AON
0855	R Ethiopia, Harar, Amharic(?) own px at 16h, Gongs, R Ethiopia	good	1600	AON
0864	ERTU Santah, Quran px	good	1900	AON
0873	R Ethiopia, Addis, Amharic //828, 891, 855 which is // til 16h only+after 17h	fair	1600	AON
0873	EP de Sofala, Beira, vn loc songs, Id, nx by 2 OM, that day only.	good	2100	24/04
0873	SBA Al-Russ, Quran px//1512	weak	2200	23/04
0882	SBA Damman, Quran px //1512, 657, 999	fair	1900	AON
0882	COPE Tenerifa site presumed, S distorted signal	weak	2157	28/10
0891	R Ethiopia, Dese, Amharic // 828, 873	good	1600	AON
0891	UNID A Quran at 1659h over toh, only that day	w/f	1700	21/04
0891	LNBS Ultimate R, E YL on toh, P. Frampton 31/10 on 350(170) deg 19h mostly vy weak / weak, seldom anns, never Ids heard, ads for a bank	w/f	0000	25/04
0900	RAI Milano, I melody, IS, Id, nx	f/g	1956	05/11
0900	SBA Qurayat //1512 Quran	fair	2000	AON
0909	R Rom Act., Bucarest, Rom. ID, nx //603	f gpks	2200	AON
0909	VoA Mopeng Hill, E VoA sung, This is V.o.A.”, nx,til 21h also 03h UGA gone 1900	g-Exc		AON
0909	Chaine 1, Tamanrasset pres., A songs, TS OM px, no Id // ALG though	fair	2255	26/04
0917	R Benue pres, monotonous chants also at 23h, 03/11 19h weak	vy w	1958	21/04
0918	ERTU Al-Barnameg al-Aam_A song,“Big Ben” Id,very deep fading, good 05/11 2146 28/10	w fpks		
0927	SBA 2 Al-Huful //1089, 1098	weak	0100	25/04
0936	SBA var, A quran px //792, 1512	weak	1600	AON
0936	IRIB Urumiyeh, Farsi //others, instr. mx	weak	2200	AON
0945	R Nac Angola, Mulenvos, P? instr. mx, may be FS, also 22h, no Id	vy w	2058	ON
0945	SBA Hall, Gen Px //1521, 5kW, SDN here as well but not heard sofar	weak	1900	25/04
0950	R Eritrea, Asmara, Amharic songs, OM anns ment Asmara also 0255 good	fair	1800	AON
0954	ČRo Dvojka. Sev. sites, TS, Id, nx pres	vy wk	2300	28/10
0954	R Sidama, ETH, Yinga Alem vn songs, YL Id at toh, talk, rpts, new stn	weak	1500	05/11
0963	CBC Nikosia, Gr songs, OM /YL tlk over toh //603 , on that day only	fair	2200	22/04
0963	EP de Tete, P “Ultima Jornal” weekends own night px i.e. 02/11 02h fair	weak	2156	24/04
0963	R Peace, Khartoum,A folk,“Idha’at As-Salam min OmdUR.” 02-21h	weak	1900	AON
0972	R Ethiopia, Robe, Amharic //828, 855 til 16h, 873, 891	weak	1600	AON
0981	SBA Madinah, Quran px//1512, 999	weak	2200	AON
0990	R Sawa Cape Greco, A pop mx, closed down meanwhile	good	1700	A
0999	TWR R px without usual IS, 1930 UKR with address in Kiev	w/f	1858	24/04
0999	COPE Madrid, S melody, Id, nx	fair	2000	05/11
0999	SBA Tabuk, Quran px//1512, 657	weak	2200	AON
1008	ERA Kerkyra, Gr. Songs, TS, Id, nx with deep fadings	f/g	0200	02/11
1008	ERTU sev. sites A OM ment al-Kahira	fair	2000	25/04
1008	EP Maputo. P song, Id, nx, night px 24h daily	w/f	2100	25/04
1017	IRIB Zahedan, Farsi no//, own px ment Zahedan	fair	1700	AON
1026	SRTC Idhaat Welayat An-Nyl al-Azraq Ad-Damazin, A song over toh, Id	fair	2000	04/11
1026	EP da Manica, Chimoio, P px by OM and YL, Maputo-Id, 4/11 19h nx Exc	weak	2157	28/10
1026	IRIB Tabriz, Turk lang, OM px ment Iran, own px pres	weak	1700	AON
1035	R Oromiya, Adama //837, 1053	fair	1600	AON
1044	R Ethiopia, Mekelle, Amharic //others, mostly w/vy w other times	fair	1959	AON
1044	IRIB Dehloran, Farsi OM, melody //1026	weak	1958	21/04
1053	R Iasi, Rom. Nx under ETH	weak	1900	04/11
1053	R Oromiya, Nekente //837, 1035	good	1600	AON

1062	RAI sev. sites, I football results //900	fair	1956	05/11
1062	IRIB Kerman, Farsi //1017	weak	1700	ON
1071	ERTU Cairo, A Qu 0245h already Sawt al Arab at 03h	f/g	0300	06/11
1071	SBA Bisha, A Gen Px //1521 OM, TS, "Idha'at Riyadh", nx	fair	2000	AON
1071	Syrian R Tartus / R Al-Nour A "Idha'at Syria" by OM, fanfare, newcast	f/g	2100	25/04
1080	IRIB Abadan A FS //1224	weak	2100	25/04
1080	R Fana, Addis, IS when sign on, also hrd at 17h	weak	0255	AON
1089	SBA 2 Qurrayat, A px by OM //1098	weak	2200	AON
1098	SBA 2 Damman //1089 +aftern weak "	weak	1900	AON
1098	RTI Kouhu, Chin OM rpt, melody Id, nx pres struggling with SBA	fair	1600	04/11
1107	IRIB Sabzevar Farsi radio-theatre, loc px	fair	1700	03/11
1116	SBA 2 Madinali A YL Id //1089 , 1098	weak	1900	AON
1125	IRIB R Qazvin Farsi YL rpt with instr. mx briges, loc px pres	weak	1900	04/11
1134	R Kuwait Sulaibiyah, A TS, Id. ,nx	fair	1700	AON
1152	R Romania Actualitati, Cluj, Rom pop //756	fair	1900	AON
1161	IRIB Abadan A XXXX FS //1224	fair	0200	03/11
1170	TWR Mpangela Ranch, E "This is TWR bringing hope to the world" also 19h	w/f	1800	31/10
1170	Sawt al Jumhuriyah, Al-Dhabbaya, A songs over toh, Id, nx at 1702h	f/g	1700	AON
1179	R Mocambique Zambezia (Qelimane), P "Ultima Jornal", also 0250h IS Id	weak	2158	AON
1179	R Romania Actualitati, var sites, Rom Id, nx	fair	2100	AON
1188	R Payam, Tehran, Farsi instr. Mx, own IS,	w/f	1958	AON
1197	IRIB Moghan Farsi YL, slow song, may be loc px, no//	weak	2000	02/11
1206	UNID A chants over toh, who?, struggling with MOZ =Jiddah???	weak	0200	02/11
1206	KAN Reshet Bet, Akko, Hebr, Id, instr. mx, TS, nx //657	fair	1900	05/11
1206	R Moc Inhambane, P / vn IS and Ids, 04/11 20h g	weak	0245	AON
1215	Gimbi Educ R (ETH) Amharic talk 2 OM over toh w fpks	2000	02/11	
1215	SBA Madinah, A px 2 listed //1098	w / f	1800	ON
1224	EP Cabo Delgado, Pemba,P loc px,Id,Maputo-nx 21h,03/11 20h Exc IRIB QRM	fair	2100	ON
1224	IRIB Kish Isl A FS	fair	1600	AON
1233	RMC Doualiya, Cape Greco, A part of song, Id, nx by YL	fair	1600	AON
1233	TWR, Cape Greco, A songs, YL anns, 1xTWR IS at toh, off, 28/10 til 22h! I did not come to a final conclusion regarding there sign off times, 21h – 22h v	good	1956	AON
1233	KBC Marsabit, Northern Serv? //1386 Horn of Afr type mx	fair	2100	25/04
1242	R Oman, As-Seeb , A IS, Gong, nx //1278	fair	1700	AON
1251	Danko R, var. sites, Hung IS Id nx	w/f	1700	01/11
1260	SBA Damman, A GS//1521	weak	1900	AON
1260	R Moc.Niassa, Lichinga, P "Ultima Jornal" //other freqs, also 0255 IS+Id	w/f	2156	AON
1269	CRI Xuanwei, Nepalese listed, IS ID, nx	f/g	1600	05/11
1269	R Kuwait Sulaibiyah, A slow songs, no one else listed, seldomly hrd	weak	0000	02/11
1278	IRIB Kermanshahr Farsi own px pres, no//	weak	2000	21/04
1278	R Oman Bahla. A songs also over toh //1242 As-Seeb	weak	2200	AON
1287	VoH She-ar-Yeshuv A songs, Id at toh	w/f	0200	ON
1296	COPE Valencia, S Id, nx	fair	2100	25/04
1305,08	IRIB Bushehr , Farsi tlk and instr. mx no loc Id hrd	fair	2000	AON
1314	RNE var sites, S Id, nx, distorted signal	w f	2000	05/11
1314	UNID, non-stop pop mx also over toh	weak	0200	06/11
1323	R One, Moshi (TZA), E only CRI in E hrd, 16h until 18h	f/g	1700	ON
1332	IRIB Tehran Farsi own px, playing IRN pop songs, new format☺	w/f	1900	24/04
1332	UNID in unid lang OM anns quickly, some parts of songs. Nothing listed	w/f	2200	23/04
1341	IRIB Kerman, Farsi loc px pres, distorted signal	weak	2000	03/11

1341	ERTU var sites, IS, Big Ben, GS A anns, //819	weak	2000	AON
1350	TWR Gavar, sign on with TWR IS	f gpk	1800	29/10
1350	R Botswana Thsabong,with Afr pop //531, 693, my unid finally confirmed... others listed on 558, 621, 648, 873, 945, 1071, 1215 not audible	weak	2200	02/11
1359	VoTigray Addis, typ. Horn of Africa mx //5950 (evening good) later good	fair	1700	AON
1368	UNID, unid lang over toh, looking for SEY,unconfirmed, one day only	vy w	1700	01/11
1368	IRIB Gonbad, Farsi OM + instr. mx, loc px pres, no// and 02/11	weak	2200	23/04
1377	CNR1 var, Chin pop, 5/1 TS, OM nx	w/f	1800	24/04
1377	TWR Gavar, TWR IS , also 20h 04/11 IS good A px	fair	1800	29/10
1386	KBC Maralal Sw pop, nx "Radio Taifa" 19h E Serv fair 24/04 22h+23h	w/f	1600	AON
0202h	start with rel px,0205h: "Kisumu+Nyanza region on 91.5 – KBC E Serv."	good	0200	AON
1404	MBC 1 Chitipa, E pop, Id by OM, nx by YL+M alt //756, 1422	weak	1700	AON
1413	Vesti FM Grigoripol, R IS, Id, nx	fair	1900	AON
1422	MBC 1 Matiya, Chichewa pop "MBC Radio 1", nx //others	fair	2200	AON
<u>1422</u>	R Coran Ouled Fayet A Quran, TS at toh, Id, OM nx	w fpks	2358	24/04
1431	R Sawa. Jibouti, A pop, not //990 but //1548 KWT,16h VoA Somali,	good	1700	A
1431	VoA. Jibouti, E Id, nx, the Somali px is at 17h now, other langs as well	good	1600	ON
1440	SBA Damman Gen px, A YL nx //1260	weak	0100	AON
1449	SBA Jeddah songs //1521	w/f	2100	AON
<i>1458</i>	<i>R Mayotte,former powerhouse now INACTIVE (a pity but I got a QSL thankfully)</i>			
1467v	IRIB R Qom, Farsi rel px on drifting freq	fair	2100	AON
1467	SBA Hafar Al-Batin Gen px, A OM nx //1521 etc , IRN QRM	w/f	2100	AON
1476	R Asia, Ras-al-Khaiman,IND songs	f/g	1800	AON
1476,10	IRIB R Kordestan, Farsi OM, than into Quran, own px, no // found	weak	2000	21/04
1485	R Ethiopia, Negele Borano,Amharic nx //the other freqs	weak	1600	AON
1503	RNE var sites, S Id, nx, distorted signal	w f	2000	05/11
1503	ERTU El Arish A Quran, own px	weak	2100	24/04
1512	SBA Jeddah, Call of Islam, A OM px	fair	1800	AON
1521	SBA Juba Gen px, A YL nx	fair	1902	ON
1530	VoA Pinheira, F Id, nx, FM freqs MLI, CGO, GUI, BFAk at 1958, E 21h Exc	fair	1900	AON
1539	Pravasi Bharati Al-Dhabayya, Mayalam lots of ads, Id, Ind pop mx (ex810)	fair	1700	ON
1548	TWR Grigoripol, vn rel px and Gospel mx	w fpks	2000	02/11
1548	R Sawa. Kuwait, A pop + US pop //1431 DJI (April), have they closed???	fair	1800	A
1566	FEBC Chin px and Id at toh	w/f	1600	ON
<u>1566</u>	TWR Parakou, E OM plu instr. mx, no Id presumed	vy w	2100	25/04
1575	R Farda, Al Dhabbiya, Farsi pop, YL Id,1902 jammer faded in	fair	1900	25/04
1575	BBC WS Malherbes/Bigara, Mauritius, hrd again and again. TS at 1900h + "BBC World Service" by YL on 4/11, the one and only other stn with BBC WS is 4XS Dunedin NZL 2,5 kW (overnight take over) but I doubt it...	v wk	2000	AON
1584	Egyptian R Assuan pres, var sites,Qur, over toh,	fair	0200	03/11
1584	IRIB R Seman, Farsi talk, //1503	weak	2000	02/11
1602	SRTC R Kadogli, A loc px, YL+part of songs alt., 5/1 TS at 18:01:30 YL Id	f gpk	1757	29/10

I hope this list of loggings could be a little bit of help when African radio stations are being listened to in Europe or to avoid to try to much hunting for those ones, which had been switched off obviously. Please feel free to get in contact with me when you have any kind of questions or comments regarding this article – you can reach me at: stefan.schliephacke@gmx.de

THE HOME FRONT

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Ofcom News

Ofcom to extend TalkSPORT's request to turn off AM stations

13 November, 2019

Ofcom is extending the deadline for responses to the consultation about talkSPORT requesting to turn off some AM transmitters. The closing date was today – 13th November – but the regulator says due to a technical error, the consultation will now close on 20 November 2019. *(At the time of writing 26 Nov there are no further updates -Ed)*

It is thought that some data of talkSPORT's coverage was not included in the original documents.

talkSPORT asked Ofcom to reduce the transmission coverage of its AM national commercial radio licence by 2.4%.

The changes have provisionally been agreed but Ofcom says it will carefully consider any comments from stakeholders before making a final decision because it will mean some listeners will lose their ability to receive talkSPORT on the AM band.

talkSPORT says that there has been a decline in analogue listening at a rate faster than it had predicted and the listening at the sites it wants to close, based on RAJAR data, is no longer at appreciable levels due to the evolution of audience behaviour.

The following seven transmitters are at risk of closure:

- Rosemarkie (Inverness);
- Redruth (Cornwall);
- Redmoss (Aberdeen);
- Londonderry;
- Occombe (Devon);
- Plummers Barracks (Plymouth);
- Pearce's Hill (Devon)

RSL & LPAM News

Small scale DAB stations approved

12 November 2019

A number of radio organisations have welcomed the passage into law of the Small-scale Radio Multiplex and Community Digital Radio Order 2019.

The legal order supporting the future establishment and licensing of small-scale DAB multiplexes was passed by Parliament last week and has now been signed into law by Nigel Adams MP, the Minister of State at the Department for Digital, Culture, Media and Sport.

Ofcom will now proceed with publishing their response to their small-scale DAB consultation, which closed in October, and potentially begin the process of licensing small-scale DAB multiplexes across the UK, which is expected in early 2020.

The licensing of small-scale DAB multiplexes will enable many ultra-local commercial and community radio stations to be broadcast on DAB for the first time.

Small-scale DAB was launched into 10 trial areas in 2015 in London, Manchester, Birmingham, Glasgow, Portsmouth, Brighton, Cambridge, Norwich, Bristol and Aldershot and there are now 146 ultra-local commercial and community stations being broadcast on DAB.

Minister of State for Sport, Media and Creative Industries, Nigel Adams MP, said: “This new law will ensure that the UK’s smaller commercial and community stations will not be left behind by the growth of digital radio. It will give more choice to millions of digital radio listeners across the UK and I look forward to seeing the first licenses awarded in the near future.”

Ash Elford, Angel Radio, and DAB Platform Manager, Portsmouth, said: “The Portsmouth small-scale DAB multiplex has been a real pioneer for this new broadcast technology and has 28 different commercial and community stations successfully broadcasting on DAB today. We welcome the fact that small-scale DAB has now been passed into law and hope that this will enable us and our stations to have greater clarity and certainty about the future.”

David Duffy, MD Niocast, which runs the small-scale DAB multiplex in Manchester said: “It’s great news that the roll-out of small-scale DAB across the UK is a step closer with the passage of the DCMS small-scale radio multiplex order into law. We launched the Manchester multiplex over four years ago and it’s been a great success with 24 commercial and community radios stations currently broadcasting in DAB and DAB+.

Paul Williams, co-founder of Rootz ‘n’ Rockerz, a station broadcasting on small-scale DAB in Manchester, speaking at the Drive to Digital 2019 conference said: “It’s thanks to small-scale DAB that we have been able to launch our station Rootz ‘n’ Rockerz and serve the Afro-Caribbean community in Manchester and we are hopeful that there will be opportunities to bring Rootz ‘n’ Rockerz to other markets in the UK.”

The concept of small-scale DAB technology was first tested in Brighton by Ofcom in 2012 and then Government funded a series of 10 trials in 2015 which were licensed and facilitated by Ofcom to test the feasibility of the technology. (*ofcom.co.uk*)

Irish News

RTE to close DAB stations

20 November, 2019

Irish state broadcaster RTÉ is to close all of its DAB digital radio services, including RTÉ Gold, RTÉjr Radio & RTÉ Radio 1 Extra.

The closures are part of major cuts across the organisation, including 200 jobs being lost and the closure of its studio facilities in Limerick, home of RTÉ lyric fm. RTÉ says it will close RTÉ 2XM, RTÉ Pulse, RTÉ Gold, RTÉjr Radio & RTÉ Radio 1 Extra, along with the “Digital Audio Broadcast network”.

The multiplex, the only national one in Ireland, carries RTÉ Radio 1, RTÉ 2FM, RTÉ lyric fm, RTÉ Raidió na Gaeltachta, RTÉ Choice, RTÉ Gold, RTÉ 2XM, RTÉ Junior, RTÉ Chill and RTÉ Pulse.

It says costs will need to be reduced by €60 million over three years (2020-2023), in addition to the reduction of 23% delivered by RTÉ between 2008 and 2018.

RTÉ says fees paid to its top contracted on-air presenters will also need to be cut by 15%, in addition to the 30+% cuts as agreed in previous years. Over 200 people will need to leave in 2020.

Director-General of RTÉ said: “Our intention was to brief staff in full this week. However, given the sad passing of our colleague Gay Byrne, a decision was taken to postpone until next week. With so much detail now in the public domain, our first priority was to contact all staff immediately with an update on the revised strategy, and plans.”

“We need to reduce staff costs—we will consult with staff and unions on a number of initiatives, to include pay freeze, tiered pay reductions, review of benefits, work practice reforms. The Executive Board will take a 10% reduction in pay; the Board of RTÉ will waive its fees.”
(*www.radiotoday.co.uk*)

EUROLOG

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183	D	Europe 1, Felsberg; FF Ids, Football Champion's League	454	1931	5/11	PR
531	FRO	Kringvarp Føroya, Akraberg. Unid Mx. // Website. with Jil FM	322	2204	14/11	DS
540	HNG	MR1 Kossuth Rádió, Solt. // website	444	2058	01/11	DS
540	HUN	Magyar Radio, TX PIPS, Excellent Signal Strength, ID	544	1800	09/11	SC
549	IRL	Spirit Radio, MX, Moderate Noise, ID Passion for Life	433	0514	06/11	SC
603	G	Smooth Radio, Littlebourne, ABBA SOS, MX, QRM, ID	322	0507	06/11	SC
630	ROU	SRR Radio Timișoara. Traditional mx // website	444	2103	07/11	DS
630	G	BBC Radio Cornwall; ID and news	232	0600	12/11	RF
639	CZE	ČRo Dvojka, Prague. AOR mx. Co-chan with RNE. // website	333	2152	05/11	DS
648	G	Radio Caroline, Orfordness, ID, pop mx	333	0700	16/11	FB
675	HOL	Radio Calypso, Oostwold, songs, // webstream	232	1510	17/11	FB
720	G	BBC R4 Lisnagarvey. Country/Folk mx. // BBC Sounds app	343	1033	01/11	DS
756	ROU	SRR Radio România Actualități, Lugoj. OM/YL website.	444	2110	05/11	DS
801	G	BBC Radio Devon, Report on Flying on Dartmoor, ID	332	0709	16/11	SC
819	I	Radio Diffusione Europea, Trieste, song, ID	242	1457	10/11	FB
828	G	Greatest Hits Radio, Leeds, Across West Yorkshire, ID	332	0800	16/11	SC
837	G	BBC Asian Network, Leicester, ID, // 828kHz	343	1500	10/11	FB
837	G	BBC Radio Cumbria, Travel NX, Interference from Asian Net	332	0759	16/11	SC
846	G	Radio North, MX When Will I be Loved, Moderate Noise, ID	333	0500	06/11	SC
855	G	BBC Radio Lancashire, TX/ NX on Prince Andrew, ID	444	0801	16/11	SC
873	G	BBC R Ulster; Enniskillen; // 792 Football	W	1650	16/11	BB
873	G	BBC Radio Ulster, Sports Sound on BBC Radio Ulster, ID	433	1801	09/11	SC
945	G	Smooth Radio, Bexhill, MX Prince, ID Your Relaxing MX Mix	332	0439	06/11	SC
945	G	Gold Derby, MX Barry White, ID This is Gold	333	0803	16/11	SC
954	CZE	ČRo Dvojka, Dobruška (pres). OM // website	444	2125	07/11	DS
954	CZH	CRo2 Brno, POP 80's, Good, CZH, ID	433	0525	06/11	SC
963	G	Asian Sound R, Haslingden. Ads, ID	343	1037	01/11	DS
972	G	Sunrise Radio, London, ID and news	242	1000	09/11	FB
981	IRL	Radio Star Country, Last Survivor of the Hindenberg is Dead	333	0801	16/11	SC
999	G	Greatest Hits Radio, Preston, This is Greatest Hits Radio, ID	333	0802	16/11	SC
1008	E	SER Radio Girona, local px, ID: "Hoy por hoy Girona"	333	0620	29/10	FB
1017	G	Absolute Classic Rock, Shrewsbury, ads, ID	242	1400	10/11	FB
1017	G	Absolute Classic Rock, Advs McDonalds at Home, ID	333	0801	16/11	SC
1026	G	Downtown Radio Belfast; ID and News	444	0500	21/9	RF
1026	G	BBC Radio Cambridgeshire, Cambridge, ID and news	232	1000	09/11	FB
1026	G	BBC Radio Jersey, pop mx, ID	233	1020	17/11	FB
1026	G	Downtown Radio, Belfast, NX 100 Flood Warnings in Place	332	0802	16/11	SC
1026	G	Lyca Dilse, London; phone-in, Indian mx, Jingle	242	2250	16/11	PR
1116	G	BBC Radio Guernsey, classical mx, ID and news at 1100	242	1055	17/11	FB
1116	G	BBC R Guernsey; ID and News	232	0800	16/11	RF
1125	E	RNE, TX, Moderate Co-Channel Interference, ID	333	0309	16/11	SC
1152	G	Greatest Hits R, Ashton Moss. Ads, ID	343	1039	01/11	DS
1152	G	Greatest Hits Radio, MCR, MX Come on Eileen, ID	555	0805	16/11	SC
1161	G	Tay 2 Dundee; ID and news	F	2100	13/11	BB

1161	G	Tay 2, Dundee. Mx - Stevie Wonder - Sir Duke. ID	343	1704	16/11	DS
1170	G	Greatest Hits R, Stockton-on-Tees. ID, Ads, Co-ch int.	322	1057	16/11	DS
1260	G	Sabras Radio, Leicester. Asian Mx, ID, Co-ch int.	322	1100	16/11	DS
1278	G	Pulse 2, Bradford, ads, ID	232	1630	11/11	FB
1296	G	Radio XL, Birmingham, MX, Moderate Noise, ID	433	0511	16/11	SC
1323	G	Akash Radio, Leeds. Islamic Scriptures?	222	1105	16/11	DS
1323	G	Smooth Radio, Brighton. Mx - McFadden & Whitehead, ID	343	1657	16/11	DS
1323	G	Smooth Radio, Brighton, MX George Michael, ID	333	0704	16/11	SC
1332	G	Gold, Peterborough. Mx - Love Affair - Rainbow Valley, ID	333	1106	16/11	DS
1350	G	Radio Cavell, Oldham. "Saturday Choice on Radio Cavell"	343	1110	16/11	DS
1386	G	Carillon Radio, Loughborough, ID and news	232	2200	12/11	FB
1386	LTU	Radio Poland, Viešintos. OM, several mentions of "polski"	444	1637	16/11	DS
1404	ROU	Radio România actualitati, Sibiu, ID and news	333	1600	09/11	FB
1413	G	Bradford Asian R, Bradford. Asian mx	555	1105	01/11	DS
1413	G	Premier Christian Radio, Listeners Supported Ministry, ID	322	1759	09/11	SC
1431	G	Smooth Radio, Southend. ID, Mx - Tracy Chapman - Fast Car	333	1631	16/11	DS
1431	G	Smooth Radio, Southend, MX Paul Young, Continuous Noise	322	0114	06/11	SC
1476	D	Funklust,Erlangen, 1000Hz test tones	121	2300	09/11	FB
1476	G	Carillon Wellbeing Radio, Coalville. Mx - Bob Dylan	333	1114	16/11	DS
1476	D	MW-Sender JOE, Erlangen; test tones	232	0010	10/11	PR
1485	G	BBC Radio Lancashire; ID and News	343	1600	23/11	RF
1485	G	BBC Radio Merseyside, TX on Anti-Social Behaviour, Id	433	0600	06/11	SC
1485	ROU	Radio Vocea Sperantei, var. Sites; religious mx	353	1515	9/11	PR
1503	G	BBC Radio Stoke, Stoke-on-Trent, ID, traffic	322	1605	25/10	FB
1557	G	Smooth Radio, Southampton. Ads incl ref to Portsmouth.	333	1625	16/11	DS
1584	G	Love Sport, Advs for Love Sport Breakfast, ID	333	0107	06/11	SC
1584	ROU	Radio Vocea Sperantei, var. Sites; religious mx // 1485	333	1516	9/11	PR
1584	I	Radio Difusione Europea, Trieste; Ids, Popmx	444	1645	23/11	PR
1584	I	Regional Radio, Otricoli; Ids, Popmx	222	1645	23/11	PR
1593	ROU	Radio România actualitati, Ion Corvin, ID and (Bretagne 5 off)	343	0000	25/10	FB
1602	E	SER Radio Cartagena, ID:"Hoy por hoy Cartagena", news	333	0520	24/10	FB
1602	I	Radio Milano,Como, dance mx, ID by jingle	322	1855	24/10	FB
1602	E	SER Radio Onteniente, local px, ID's, ads	322	1955	24/10	FB

Thank you to the following contributors:

BB Bernard Brown Sutton-in-Ashfield Notts; Sangean DT-400W

FB Franck Baste, Saint Bonnet de Rochefort France; Perseus SDR, loop ALA 1530.

RF Rein Faber Sneek, The Netherlands. Perseus SDR with Jaguar Pro; EWE 300 and EWE 270 (combined), Wellbrook ALA 1530

PR Patrick Robic, Leibnitz, Austria; AOR 7030, Perseus MK-1

DS David Smith Huddersfield; Sangean PR -D5 abd Tecsun AN 200 Loop

SC Scott Andrew Caldwell, Warrington ; SDR Duo AOR 7030 HF225 Wellbrook loop

I am continuing to receive AM logs from our Hon President Bernard Brown. He recently celebrated his 88th birthday! Many Congratulations to you Bernard!

The closing date for the next issue is 27 December 2019.

73's John

DX LOGGINGS

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

kHz	Callsign	Station, location; details heard etc	SIO	UTC	Date	Who
530	CMBA	R Rebelde, 2 sites listed; guitar music // 670 kHz	222	0608	5/11	EG
531		Jil FM, F'Kirina, Algeria; sung ID	343	0200	25/9	RF
531		Jil FM, F'Kirina, Algeria; Arabic mx // website	333	2000	23/10	DS
531		KAN Moreshet, Tel-Aviv, Israel; ID "Kol Israel, Jerusalem"	322	2200	20/11	EG
540		R Kuwait, Kabd; AA ID "Idha'at al-Dawlat Kuwayt"	343	2300	22/11	EG
540	WFLF	Pine Hills FL; "WFLA Orlando" in multi-station ID	W	0700	6/11	PC
549		Jil FM, Sidi Hamadouche, Algeria; mx - Imagine - Body Talk/Flashback; co-channel interference and local QRM; // TuneIn app // 531 kHz; personal first	333	2149	14/11	DS
560	WGAN	Portland ME; ID, CBS News	222	0600	23/10	RF
560	WGAN	Portland ME; "FM 98-5 AM 5-60 FM 105-5 News Radio WGAN"	F	0130	24/10	BD
560	WGAN	Portland ME; "WGAN Portland", news	W	0300	15/11	JWe
570	CFCB	Corner Brook NL; Neil Diamond, VOXM ID	222	0500	10/9	RF
570	CFCB	Corner Brook NL; ID "VOXM News"	232	2209	22/10	EG
570	CFCB	Corner Brook NL; // VOXM	W/F	2229	3/11	MvA
570	CFCB	Corner Brook NL; // 590 kHz VOXM	F	0107	14/11	DV
570		KNR Nuuk, Greenland (presumed); mx tune & Greenlandic talk	232	0530	22/10	EG
570		KNR Nuuk, Greenland; Greenlandic mixing with CFCB	W/F	2229	3/11	MvA
570	WMCA	New York NY; ID, sung ID	222	0500	10/9	RF
570	WMCA	New York NY; ID "Visit wmca.com, WMCA New York	222	0259	22/10	EG
570	WMCA	New York NY; "New York's Christian talk radio station AM 5- 70 and 102.3 FM WMCA", religion	W/F	0500	24/10	BD
570	WMCA	New York NY; ads rapidmortgage.com; fading in, "WMCA"	322	0302	2/11	SC
570	WMCA	New York NY; Alaska Cruise ad "Book your trip and get details at wmca.com"	F	2300	3/11	PC
570	WMCA	New York NY; religious px "For booklists wmca.com"; fighting other station	W	0029	4/11	DV
570	WMCA	New York NY; OM "WMCA"	W	0600	15/11	JW
570	WSYR	Syracuse NY; "Radio 5-70 WSYR"	222	0500	8/10	RF
570	WSYR	Syracuse NY; ID "Newsradio 5-70, WSYR"; personal first	232	0610	22/10	EG
570	WSYR	Syracuse NY; "WSYR News Talk"	F	0500	19/11	JW
580	CFRA	Ottawa ON; ID "CFRA", weather, news	W	0430	3/11	WFB
580	CFRA	Ottawa ON; ads for Smart Home, "News Talk 5-80" ID	333	0400	4/11	SC
580	CFRA	Ottawa ON; "News Talk 5-80 CFRA Ottawa"	222	0500	10/11	RF
580	CFRA	Ottawa ON; ad, ID	F	0700	10/11	MvA
580	CFRA	Ottawa ON; OM "News Talk 5-80 CFRA with the emphasis on talk"	F	0100	13/11	JW
580	CFRA	Ottawa ON; ID "Newstalk 5-80 CFRA Ottawa ... minus 10 degrees"	233	0700	16/11	EG
580	CFRA	Ottawa ON; ads on TSN Sports Network: "All the action on TSN 54 and on brother station TSN 1200"	G	0704	19/11	DV
580	WKAQ	San Juan PR; multi-tx SS ID including "WKAQ 5-80 AM"	W	0700	9/11	AB

kHz	Callsign	Station, location; details heard etc	SIO	UTC	Date	Who
585		IRIB Radio Farhang, Gheslagh, Iran; news in Farsi, ID by YL "Radio Farhang"	G	1530	12/11	WFB
585		PBC R Pakistan, Faqirabad; Urdu on Pakistan	F	1530	5/11	MvA
585		R Pakistan, Faqirabad; Urdu ID "Ye Radio Pakistan"	232	1500	14/11	EG
590	VOCM	St John's NL; mx Rocking World; moderate noise, "VOCM"	333	0401	16/10	SC
590	VOCM	St John's NL; ID, pop music	W	0520	20/10	WFB
590	VOCM	St John's NL; music "Spirit in the Sky", VOCM ID	F	2212	31/10	JW
590	VOCM	St John's NL; ID, local news "VOCM news"	333	0220	16/11	FB
590	WEZE	Boston MA; "WEZE AM 5-90 ... The Word ... at wezeradio.com"	W	0600	4/11	PC
590	WEZE	Boston MA; "AM 5-90 WEZE Boston and the world at wezeradio.com"	W	0600	22/11	AB
590	WROW	Albany NY ; "Magic 5-90 AM and 100.5 FM, W254DA", jingle "5-90 and 100.5"; personal first	W	0200	7/11	PC
594		R Nigeria Kaduna, Jaji; Hausa px, ID, news; personal first	322	0500	26/10	FB
594		AIR Chinsurah, India; EE ID, news	F	1530	5/11	MvA
594		AIR Chinsurah, India; ID "This is All India Radio"	242	1530	14/11	EG
594		AIR Chinsurah, India; Bollywood songs, anns; 1547 stronger with EE reports; 1600 Bengali talk; 1656 traditional mx	233	1506	17/11	FHe
594	JOAK	NHK1 Tokyo; JJ, QRM by UNID flute IS ? Nigeria??	W/F	1900	17/11	MvA
600	CKAT	North Bay ON ; "Real old country. Number 1 for country. Country 600"; more than one "Country 600" but CKAT website has "#1 for Country, Country 600"	F	0200	20/11	PC
600	CJWW	Saskatoon SK; "All the best country, all night long, this is all night country on Saskatchewan's most listened to radio station, CJWW"	W	0744	20/11	PC
600	KSJB	Jamestown ND; Country mx. "You're listening to KSJB 600 AM 100.1 FM Jamestown, North Dakota"; personal first	W	0730	20/11	PC
600	CMBA	R Rebelde, San Germán; Spanish song // 5025 kHz	222	0615	24/10	FB
600	ZYH920	R Mirante, São Luís ; "A voz de sua cidade, a voz do seu bairro, a sua voz, Mirante AM, há 31 anos a Voz do Maranhão, .. 'Radio Mirante, ZYH920, 600 kHz, ondas médias, 10 mil Watt de potencia ..."; many tnx Rudolf Grimm	W/F	2300	5/11	PC
610	CKTB	St Catharines ON; "This is the Voice of Niagara"	W	0700	20/11	PC
610	WIOD	Miami FL; "WIOD Miami", then news	W	0700	4/11	JWe
610	WIOD	Miami FL; ID, ABC News	F	0600	5/11	MvA
610	WIOD	Miami FL; "News Radio 6-10 WIOD Miami"	W/F	0700	5/11	PC
610	WIOD	Miami FL; "News Radio WIOD"	222	0500	7/11	RF
610	KDAL	Duluth MN; "103.9 W280FB (Duluth?) and 6-10 KDAL AM Duluth-Superior"	W	0500	19/11	PC
610	ZYL268	R Itatiaia, Belo Horizonte; full ID "Rádio Itatiaia ... transmitindo da região metropolitana de Belo Horizonte"	F/G	2300	20/11	PC
612		KTRK Kyrgyz Radiosu, Kyrgyzstan; female talks	F	1607	27/10	MvA
612		TWR Silk Road, Kyrgyzstan; ID	2-3	1630	8/11	SHN
612		TWR Krasnaya Rechka, Kyrgyzstan; TWR Interval Signal	242	1451	13/11	EG
620	CKCM	Grand Falls NL; VOCM ID	222	0200	28/9	RF
620	WDAE	Saint Petersburg FL; "This is Tampa Bay's sports radio, 95.3... WDAE 6-20 ..."	W	0600	19/11	PC
620	XENK	México DF; "Radio 6-20"	232	0600	12/10	RF

kHz	Callsign	Station, location; details heard etc	SIO	UTC	Date	Who
621		RNE Canarias, Santa Cruz, Canary Islands; ID "RNE Canarias"	232	0645	11/11	EG
621		AIR Patna, India; Indian music	W	1659	27/10	MvA
630		RTT Tunis, Djedeida, Tunisia; Arabic mx // website	333	2108	7/11	DS
640	CFMJ	Richmond Hill ON; "This is CFMJ Toronto", Global News	F	0600	24/10	BD
650	WSM	Nashville TN; ID "WSM" then into news	W	0100	4/11	JW
657		KAN Bet, Tel-Aviv, Israel; ID "Bet Kol Israel Jerusalem"	444	0000	23/11	EG
660	WFAN	New York NY; New York Giants football, "The Revolution"	322	0300	2/11	SC
660	WFAN	New York NY; "Sports Radio 101.9 and Sports Radio 66"	Ex	0600	2/11	JW
660	WFAN	New York NY; live sports reports	F	0233	11/11	DV
660	WFAN	New York NY; ID "Sportsradio 66, WFAN"	333	0605	16/11	EG
666		Voice of the Strait, Fuzhou, China (presumed); Chinese talk & jazz mx	343	1527	17/11	EG
666		IRIB R Fars, multiple sites, Iran; Farsi ID "Radyoe Fars"	333	0000	8/11	EG
666		IRIB R Fars, multiple sites, Iran; 1729 ID, most times covered by Spain	322	1706	17/11	FHe
670	WWFE	Miami FL; La Poderosa, SS	W/F	0623	27/10	MvA
670	WWFE	Miami FL; SS lively prog, ads	W	0402	13/11	DV
670	WWFE	Miami FL; SS news "La Poderosa 6-70" at the end	W/F	0803	24/11	PC
670	WSCR	Chicago IL (presumed); talk, Chicago often mentioned	Fpks	0500	20/10	WFB
670	WSCR	Chicago IL; ID "This is Sportsradio 6-70, The Score ... WSCR"	232	0500	22/10	EG
670	WSCR	Chicago IL; "Sports Radio WSCR Chicago"	222	0500	24/10	RF
670	WSCR	Chicago IL; ID "WSCR" then sports news	F	0600	20/11	JW
680	CJOB	Winnipeg MB; "Global News Radio. CJOB, Winnipeg's news and information leader"	W	0900	5/11	PC
680	CJOB	Winnipeg MB; "Global News Radio 6-80 CJOB, Winnipeg's news and information leader"	W	0600	19/11	AB
680	CJOB	Winnipeg MB; "Global News Radio, CJOB, Winnipeg's news and information leader"	232	0700	19/11	RF
680	CJOB	Winnipeg MB; ads, CJOB ID, Global News	F	0658	20/11	MvA
680	CFTR	Toronto ON; OM "This is CFTR Toronto"	F	0700	13/11	JW
680	KBRW	Barrow AK; NPR	0-1	1544	21/11	SHN
680	WRKO	Boston MA; "The voice of Boston", ABC News	232	0300	26/9	RF
680	WRKO	Boston MA; "thanking our brave soldiers, the Voice of Boston"	333	0300	2/11	SC
680	WRKO	Boston MA; ID "The Voice of Boston , ABC News", mx, talk	W	0400	3/11	WFB
680	WRKO	Boston MA; "WRKO ... The Voice of Boston"	F	2300	3/11	JW
680	WRKO	Boston MA; "iHeart Radio WRKO in Boston"	G	0354	11/11	DV
680	WRKO	Boston MA; The Voice of Boston, ABC News	W/F	0100	15/11	MvA
680	WRKO	Boston MA; ID "Down town in Boston, WRKO", ABC News, ad about iHeart Radio app	Fpks	0300	15/11	WFB
684		IRIB R Iran, 2 sites listed; Farsi talk // 666, 711, 936 kHz	222	2228	8/11	EG
690	CKGM	Montréal QC; "You're listening to the home of sport in Montréal, TSN 6-90 CKGM"	W	0600	20/11	AB
700	WLW	Cincinnati OH; ad for United Health Care, ID "700 WLW", fading into noise	322	0304	16/10	SC
700	WLW	Cincinnati OH; "This is News Radio 700 WLW Cincinnati"	222	0600	17/10	RF
700	WLW	Cincinnati OH; "News traffic and weather News Radio 7 hundred WLW Cincinnati", WLW 11:30 report	F	0330	24/10	BD
700	WLW	Cincinnati OH; "This is News Radio 700 WLW Cincinnati"	F	0100	3/11	JW
700	WLW	Cincinnati OH; ID	W/F	0630	10/11	MvA

kHz	Callsign	Station, location; details heard etc	SIO	UTC	Date	Who
700	WLW	Cincinnati OH; live report basketball: Cincinnati-Alabama	F	0104	15/11	DV
700	WLW	Cincinnati OH; ID "700wlw.com"	222	0608	16/11	EG
702		R Quran, Laghouat, Algeria; ID "Idha' at Quran"	444	2331	12/11	EG
710	CKVO	Clarenville NL; mx 'Walking in Memphis'; // 590 kHz	222	0511	16/10	SC
710	CKVO	Clarenville NL; pop mx; VOXM relay // 590 kHz	222	0640	2/11	FB
710	CKVO	Clarenville NL; VOXM news update	W/F	2230	3/11	MvA
710	WOR	New York NY; commercial, ID, nx	232	0300	24/9	RF
710	WOR	New York NY; C2C px, ID "7-10 the Voice of New-York"	232	0628	24/10	FB
710	WOR	New York NY; "WOR The Voice of New York" ID	333	0506	31/10	SC
710	WOR	New York NY; "7-10 WOR New York"	F	0100	3/11	JW
710	WOR	New York NY; ID, wx, nx	F/G	2300	3/11	MvA
710	WOR	New York NY; "You are listening to Coast to Coast AM"	G	0635	6/11	DV
710	WOR	New York NY; ID "WOR an iHeart Radio station", news about Trump and California	Fpks	0500	15/11	WFB
710	WOR	New York NY; ID "WOR New York"	222	2300	22/11	EG
710	CMBA	R Rebelde, many tx locations; IS & ID "Rebelde"	222	0559	4/11	EG
710	CMBA	R Rebelde, multiple sites; SS	F	0600	22/11	MvA
730	CKDM	Dauphin MB; country mx "Stay tuned for the bells of Christmas contest on 7-30 CKDM"	W/F	0758	20/11	PC
730	CKAC	Montréal QC; "Radio Circulation"	232	0300	26/9	RF
730	CKAC	Montréal QC; FF nx, "Radio Circulation" clear ID	322	0059	31/10	SC
730	CKAC	Montréal QC; "Radio Circulation"	F	0100	3/11	JW
730	CKAC	Montréal QC; FF male on Montreal	F	0605	5/11	MvA
730	CKAC	Montréal QC; FF talk	G	0538	15/11	DV
730	XEX	México DF; SS followed by Mexican NA	W	0600	5/11	MvA
740	CHCM	Marystown NL; fading into noise, "VOXM" ID	222	0407	28/10	SC
740	CFZM	Toronto ON; pops YL "This is Zoomer Radio Toronto AM and FM operated by NJW Corporated"	Exc	0600	4/11	JW
740	CFZM	Toronto ON; "Zoomer Radio – the original greatest hits" – playing as billed!	F	0701	20/11	AB
750	CBGY	Bonavista Bay NL, ID "CBC Radio One", news	Fpks	0633	20/10	WFB
750	CBGY	Bonavista Bay NL; "CBC Radio One"	F	0400	25/10	JW
750	CBGY	Bonavista Bay NL; CBC News, forecast for Newfoundland Tonight, ID	322	0404	28/10	SC
750	CBGY	Bonavista Bay NL; ID "CBC Radio One", news	W	0500	2/11	WFB
750	CKJH	Melfort SK; "CKJH at 7-50 in Melfort and covering all of Saskatchewan at beachradiosk.ca, a division of the Jim Pattison Broadcast Group, streaming live at ? Saskatchewan's new Beach Radio"; personal first	F	0757	20/11	AB
750	CKJH	Melfort SK; to background music "We play this, we play that. Yeh we definitely play that ... on Saskatchewan's new Beach Radio"	F	0803	20/11	PC
750	WSB	Atlanta GA; TS tone, "WSB 24 hour news team. The WSB top stories"	W/F	0300	4/11	BD
750	WSB	Atlanta GA: "I'm (?) live from the WSB 24 hour news center"	F	0600	4/11	PC
750	WSB	Atlanta GA; "WSB" weather "freeze warning for all of metro Atlanta until 10am Wednesday"	W	0300	13/11	JWe
750	WSB	Atlanta GA; YL wx "Live Breaking News WSB"	F	0100	15/11	JW

kHz	Callsign	Station, location; details heard etc	SIO	UTC	Date	Who
760	CFLD	Burns Lake BC ; AC mx; ID at 1202 “Live from the mybulkleylakesnow.com newsroom - Moose News”, Canadian news; (760.0181); same ann as webstream – tnx AB for confirming and for adding detail; personal first	vWpks	1200	20/11	mah
760	KGU	Honolulu HI (pres); country music, no IDs hrd; (759.9946)	Wpks	1100	20/11	mah
760	WVNE	Leicester MA; “... WVNE Leicester Worcester on 7-60 AM ... 101.5 FM Leicester online at lifechangingradio.com” and SRN News	W/F	2200	15/11	mah
760	WJR	Detroit MI; “7-60 WJR”	222	0300	23/9	RF
760	WJR	Detroit MI; “The Great Voice of the Great Lakes”, noise, ID “7-322 60 WJR”		0400	16/10	SC
760	WJR	Detroit MI; “WJR Detroit WDVP HD2 Detroit the Great Voice of the Great Lakes 7-60 WJR where Detroit comes to talk”	F	0300	24/10	BD
760	WJR	Detroit MI; "WJR Detroit and WDVD"	W	0500	24/10	JWe
760	WJR	Detroit MI; ID OM “News Radio7-60 WJR Detroit”	G	0100	4/11	JW
760	WJR	Detroit MI; ads, ID and live basketball game	F	0300	15/11	DV
760	WJR	Detroit MI; ID “WJR Detroit 7-60, the Great Voice of the Great Lakes”, news about Trump and Ukraine	G	0400	16/11	WFB
760	WCHP	Champlain NY; FF talk. “WCHP Champlain, Montreal” ID; also heard at 2000 on 18/11	W/F	2100	4/11	PC
760	WORA	Mayagüez PR; NotiUno IDs	G	0400	27/10	AB
760	HJAJ	RCN Barranquilla; SS anns, “En Barranquilla, La Voz de Barranquilla ... RCN Barranquilla 7-60 AM ...”	Gpks	2304	14/11	mah
765		IRIB WS, Chahbahar, Iran; AA ID “Idha‘at Iran”	433	2330	12/11	EG
770	HJJX	RCN Bogotá; “Las noticias de RCN Radio”	F	0700	2710	PC
770	CHQR	Calgary AB; program	W/F	0628	10/11	MvA
770	CHQR	Calgary AB; “News Radio 7-70 CHQR. Snowing and -11 degrees in downtown Calgary”	W	0700	10/11	PC
770	WABC	New York NY; “We are WABC New York”, nx - impeachment	332	0500	31/10	SC
770	WABC	New York NY; "Seventy-Seven Double You ABC"	F	0206	15/11	DV
770	WABC	New York NY; “44 in Central Park, 41 in Saint Albans, from the 77 WABC News Desk I’m Bob Andrews”	F	0300	15/11	AB
770	WABC	New York NY; news, ID “wabc.com”	F	0403	16/11	WFB
770	WABC	New York NY; ads, ID	222	0418	16/11	FB
770	WABC	New York NY; ID “50, 000 watts of power 77 WABC New York”	Exc	0600	16/11	JW
774		ERTU, Abis, Egypt; AA ID “Idha‘at Al-Sharq al-Awsat”	433	0000	8/11	EG
780	WBBM	Chicago IL; “CBS News on the hour”				JW
780	WBBM	Chicago IL; “This is Chicago’s all news station. A radio.com station. News Radio 7-80 and 105.9 FM WBBM”, CBS News	F	0500	24/10	BD
780	ZP70	R Primero de Marzo, Asunción; “... aqui en Radio Primero de Marzo, Madrugada 7-80 ... hasta las 4 de la mañana. Madrugada 7-80”	W/F	0300	11/11	PC
790	WAXY	South Miami FL; ads for MediCare Health Insurance, “The Ticket WAXY 7-90” ID	322	0400	28/10	SC
790	WAXY	South Miami FL; “WAXY AM ... sports radio”	G	0100	15/11	JW
790	KFGO	Fargo ND; “The Mighty 7-90 KFGO, Fargo”; personal first	W	0600	20/11	AB
790	WPRV	Providence RI; “7-90 WPRV Providence, a Cumulus station”	W/F	2300	3/11	PC

kHz	Callsign	Station, location; details heard etc	SIO	UTC	Date	Who
790	WPRV	Providence RI; "checking in to WPRV Providence. A Cumulus station"; Global News update per 1130 WBBR+9 seconds	F	0400	4/11	BD
790	CMBD	R Reloj, Pinar del Río; familiar midnight time in cities around the world	W	0400	27/10	AB
800	VOWR	St John's NL; ID by woman and light quiet mx	W	0307	15/11	DV
800	VOWR	St John's NL; OM with ID "VOWR" in talk	F	2300	15/11	JW
800	CKLW	Windsor ON; "This is CKLW", CP news	W	0600	24/10	BD
800	PJB	TWR Bonaire; Spanish ID	232	0500	11/9	RF
800	PJB	TWR Kralendijk, Bonaire; "Escuta Transmundial" Bonaire National Anthem and close down	F	0500	24/10	BD
800	PJB	TWR Bonaire; OM with EE news	F	0100	6/11	JW
800	PJB	TWR Bonaire, Kralendijk; ID "... of TWR Bonaire ..."	322	2358	7/11	EG
801		AIR Jabalpur, India; Indian music // 918 kHz	232	1459	14/11	EG
820	WPAP	Fort Worth TX; nx, wx, "here comes the weather on WBAP"	Fpks	0635	20/10	WFB
820	WBAP	Fort Worth TX; "The news and talk of Texas WBAP wban.com", WBAP news	W/F	0430	24/10	BD
820	WBAP	Fort Worth TX; "This is newstime from WBAP"	W	0500	24/10	JWe
820	WBAP	Fort Worth TX; OM ID "This is news and talk WBAP Fort Worth, Dallas"	F	0500	4/11	JW
820	WBAP	Fort Worth TX; "WBAP Weather 24°C Right Now in Downtown Dallas" ID	222	0550	20/11	SC
830	KSDP	Sand Point AK (tent); mx, barely audible at toth "K201DA"	Fpks	1000	23/10	mah
830	WCRN	Worcester MA; mx 'Hey Jude', The Beatles; IDs "WCRN"	222	0359	16/10	SC
830	WCCO	Minneapolis MN; "News traffic and weather ... News Talk 8-3-0 WCCO"	W	0700	19/11	PC
830	HIB54	Em HIJB, Santo Domingo ; SS ID "En HIJB está es la hora 12 de la medianoche. Desde Santo Domingo transmite la estación HIJB 830 de amplitud modulada"; personal first ; tnx AB for adding detail	Fpk	0400	23/10	mah
830	HCRM2	R Huancavilca, Guayaquil ; LA mx, SS ans, ID "Somos Radio Huancavilca 8-30 AM ..."; personal first	Fpks	0504	23/10	mah
837		CNR5 Zhonghua zhi Sheng, Quanzhou, China; CC OM/YL	F	1500	8/11	MvA
837		IRIB R Esfahan, Habibabad, Iran; IRIB Interval Signal	F	1530	4/11	MvA
837		IRIB R Esfahan, Habibabad, Iran; Farsi ID "Radyoe Esfahan"	222	0029	8/11	EG
840		Dimtsi Hafash 2, Asmara, Eritrea; female ann, music	F	1822	27/10	MvA
840	CFCW	Camrose AB; country mx, sung ID "Alberta's Country Legend 8-40 CFCW"	G	0804	23/10	mah
840	CFCW	Camrose AB; ad with young girl "Hi I'm (name?) and I'm CFCW's (?) and I'm here to help you download Video Player Canada"	W/F	0746	20/11	PC
840	WHAS	Louisville KY; "Kentuckiana's breaking news weather and traffic station news radio 8-40 WHAS Louisville", ABC News	F	0100	24/10	BD
840	WHAS	Louisville KY; ID "8-40 WHAS"	F	0610	2/11	DV
840	WHAS	Louisville KY; ID "News Radio", news, weather & traffic, an iHeart radio station	322	0400	4/11	SC
840	WHAS	Louisville KY; ID "WHAS ...", then ABC News	F	0500	4/11	JW
840	WHAS	Louisville KY; "News Radio 8-40 WHAS"	F	0700	6/11	PC
840	WHAS	Louisville KY; ID "Newsradio WHAS", "ABC News"	232	0400	8/11	EG

kHz	Callsign	Station, location; details heard etc	SIO	UTC	Date	Who
840	CMHW	Doblevé, Santa Clara; "Esta es Doblevé desde Santa Clara en el centro de Cuba"	W/F	0200	28/10	PC
846		AIR Ahmedabad, India; Indian music	F	1613	27/10	MvA
846		AIR Ahmedabad, India; signing with AIR Interval Signal	333	0019	12/11	EG
846		IRIB R Tabriz, Miyaneh, Iran; IRIB IS, Farsi	W	1530	5/11	MvA
850	KOA	Denver CO; "KOA 8-50 AM", but nothing else in 846 splatter	W	0700	19/11	PC
850	WEEI	Boston MA; "Welcome to sports here all night on ESPN Radio"	322	0502	2/11	SC
850	WEEI	Boston MA; ID "WEEI Boston"	F	0100	3/11	JW
850	WEEI	Boston MA; "Wonderful AM. It's AM 850 WEEI Boston ESPN Radio Sports Centre"	W	0400	4/11	DV
850	WEEI	Boston MA; ID	222	0700	11/11	RF
860	CJBC	Toronto ON (presumed); FF, OM talks	Fpks	0500	20/10	WFB
860	CJBC	Toronto ON; "Radio Canada, Montréal"	222	0600	23/10	RF
860	CJBC	Toronto ON; YL FF talk	F	0100	3/11	JW
864		ERTU Santah, Egypt; OM Arabic verse // website	343	2123	5/11	DS
864		KBS1, Gangneung, South Korea (presumed); time pips & Korean talk	211	1500	13/11	EG
870	WWL	New Orleans LA; "starting at 4 here on Saints Radio WWL", sports talk from CBS Sports	W/F	0324	24/10	BD
870	WWL	New Orleans LA: "WWL New Orleans", CBS News	F	0100	16/11	JW
870	WHCU	Ithaca NY; "News Talk WHCU Ithaca and WFIZ HD3 Odessa"	W	0700	7/11	PC
870	CMBD	R Reloj, 3 sites listed; "Radio Reloj, 6 en punto en (la capital?)" , time signals	W/F	2300	4/11	PC
870	LRA1	R Nacional, Buenos Aires; "Argentina informa por Nacional"	W	0100	29/10	PC
870	UNID	Sports commentary – Coming into the Zone; faded out, EE	322	0300	2/11	SC
873		SBA Al-Quran, Ar-Rass, Saudi Arabia; Quran // 765 kHz	232	0229	8/11	EG
880	CHQT	Edmonton AB; "Global News Radio 8-80 Edmonton", wx	F	0901	23/10	mah
880	WCBS	New York NY; "This is WCBS and WCBS HD"	F	2300	28/10	JW
880	WCBS	New York NY; wx partly cloudy in downtown Brooklyn; interference, ID	222	0459	2/11	SC
880	WCBS	New York NY; ID "WCBS 8-80"	333	0748	4/11	EG
880	WCBS	New York NY; ID "This is WCBS, 8-80 AM", news; much QRM from 882 kHz	F	0300	15/11	WFB
890	CJDC	Dawson Creek BC; "We are CJDC-AM 8-90 Dawson Creek, Pure Country – the biggest stars live here", country mx	Fpks	0905	23/10	mah
890	KBBI	Homer AK; light mx, "You are listening to KBBI ... Homer, where the time is ..."	Fpks	1059	23/10	mah
890	WLS	Chicago IL; "This is 8-90 WLS AM Chicago 94-7 WLS FM HD2 Chicago. A Cumulus station", weather	F	0500	24/10	BD
890	WLS	Chicago IL; "This is 8-90 WLS AM Chicago, 94-7 WLS FM HD2 Chicago. A Cumulus station", weather and news	G	0500	24/10	JWe
890	WLS	Chicago IL; ID "WLS" news about the Ukrainian phone call	Fpks	0626	16/11	WFB
890	WLS	Chicago IL; "WLS AM Chicago"	222	0600	17/11	RF
890	WLS	Chicago IL; ID "Chicago, for 95 years WLS"	142	0744	17/11	EG
890	WLS	Chicago IL; "WLS AM Chicago WLS FM Chicago"	G	0500	18/11	JW
890	WLS	Chicago IL; ID	F	0806	20/11	MvA
890	WAMG	Dedham MA; SS OM "Mega"	F	2300	12/11	JW
891		IRIB R Iran, 2 sites listed; Farsi talk // 927, 936, 1026 kHz	344	2144	14/11	EG
891		Radio Thailand, Saraburi (presumed); VV, talk, TS	G	1600	12/11	WFB

kHz	Callsign	Station, location; details heard etc	SIO	UTC	Date	Who
891		Radio Thailand, Saraburi (tentative); instrumental mx, ann in presumed Thai	242	1726	16/11	PR
891		R Thailand, Saraburi; Thai, live event with public, songs, 1500 ann. "... prathet thai", 1600 strong again, 1701:30 s/off with female sung NA	243	1435	17/11	FHe
891		Radio Thailand, Saraburi; old music, // web	1-2	1540	18/11	SHN
891		R Thailand, Saraburi; mx and female Thai anns; personal first	F	1547	18/11	MvA
891		R Thailand, Saraburi; signing on with Radio Thailand IS	233	2158	20/11	EG
900	CMBC	R Progreso, San Germán; usual SS "Radio Progreso ..." ID	F	0700	23/10	mah
900	CMBC	R Progreso, San Germán; "Radio Progreso" ID	W	0700	27/10	PC
910	CKDQ	Drumheller AB; country mx, "Nothing but Real Country" ID	Fpks	0802	23/10	mah
917		R Gotel, Yola, Nigeria; male talks	F	1927	11/11	MvA
918		RN Kampuchea, Phnom Penh; Khmer male	F	1606	12/11	MvA
918		AIR Suratgarh, India; EE ID, news	F	1530	5/11	MvA
918		AIR Suratgarh, India; AIR Interval Signal // 927 kHz	333	0023	9/11	EG
918		AIR Suratgarh, India; IS and sign on	F	0023	21/11	BD
918		IRIB R Kerman, Jiroft, Iran; Farsi talk & music // 1062 kHz	232	0020	8/11	EG
920	CFRY	Portage la Prairie MB; country mx, "Real Country Radio is CFRY"	F	0801	23/10	mah
920	CFRY	Portage la Prairie, MB; "This is CFRY, 920 AM Portage la Prairie. A Golden West radio station"	W	0200	11/11	PC
920	CFRY	Portage la Prairie MB; "This is CFRY 9-20 AM, Portage la Prairie, a Golden West Radio Station" then weather including temperature in Winkler, mention of portageonline.com and ending with sung CFRY jingle	W	0702	20/11	AB
920	CFRY	Portage la Prairie MB; female, CFRY jingle, music	W/F	0803	20/11	MvA
920	CKNX	Wingham ON; "Time out for CKNX news", country music	W/F	0331	24/10	BD
920	CKNX	Wingham ON; music "online at cknx.ca"	W	0600	10/11	AB
920	KSRM	Soldotna AK; "This is News Talk 92 ... Soldotna Kenai ... It's 2 o'clock ..." and ABC News; 1006 "Now your Kenai Soldotna weather outlook number 1 KSRM ..."	Fpks	1000	23/10	mah
920	KARN	Little Rock AR; "This is the Sports Animal 9-20 KARN Little Rock"; KLMR heard at same time! Personal first	W	0700	10/11	PC
920	KLMR	Lamar CO; "The Voice of the High Plains, Newsradio 9-20 KLMR, Lamar, Colorado"; personal first	W	0700	10/11	PC
920	WDMC	Melbourne FL; ID	222	0300	12/9	RF
920	WDMC	Melbourne FL; ID "You are listening to WDMC, Melbourne"	232	0300	26/10	EG
920	WDMC	Melbourne FL; OM with ID "WDMC"	W	0600	20/11	JW
920	KXLY	Spokane WA; "... at 9-20 AM and 100.7 FM this is KXLY Spokane ..." and ABC News	Fpks	0900	23/10	mah
920	WOKY	Milwaukee WI; "WOKY Milwaukee" weak in the mix	W	0600	24/10	JWe
920	ZP1	RN de Paraguay, Asunción; "Radio Nacional del Paraguay" ID	W/F	0200	29/10	PC
927		AIR Visakhapatnam, India; Indian song	F	1459	11/11	MvA
927		AIR Visakhapatnam, India; AIR Interval Signal	222	0023	12/11	EG
927		IRIB R Lorestan, Dorud, Iran; IRIB IS Radio Iran ID	W/F	1730	26/10	MvA
927		IRIB R Lorestan, Dorud, Iran; Farsi female ann, music	F	1532	5/11	MvA
927		IRIB R Lorestan, Dorud, Iran; Farsi ID "Radyoe Lorestan"	343	2330	12/11	EG
930	CJCA	Edmonton AB; light mx, ID "... serving Edmonton, Calgary and Red Deer, CJCA Edmonton is AM 9-30 The Light"	F/G	0801	23/10	mah

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930	CJCA	Edmonton AB; ann, Grace to You, address and phone number	W/F	0559	20/11	MvA
930	CJCA	Edmonton AB; "CJCA Edmonton is AM 9-30 The Light. You're listening to Haven Today, heard every weekday at this hour on AM 9-30 The Light"	W	0602	20/11	AB
930	CFBC	Saint John NB; "Hit after hit after hit on Saint John's CFBC"	F	2045	16/11	PC
930	CJYQ	St John's NL; "9-30 KIXX Country", CW mx, ads	332	0301	4/11	SC
930	KNSA	Unalakleet AK; light mx "Since 1978(?) this is KDLG Dillingham"	Wpks	1100	23/10	mah
930	WBEN	Buffalo NY; mention of Buffalo and local sports "More than Sports"	F	0500	500	JW
930	WBEN	Buffalo NT; "WBEN Buffalo WKSE HD3 Niagara Falls. A radio.com station", ABC News	F	0600	24/10	BD
930	WBEN	Buffalo NY; ID "WBEN newstime 11.05 .. Buffalo 31 degrees"	242	0405	8/11	EG
930	WBEN	Buffalo NY; ID, news	F	0630	10/11	MvA
930	HJCS	La Voz de Bogotá; ID "Escucha La Voz de Bogotá"	232	0601	26/10	EG
930	HJCS	LV de Bogotá; "Escucha La Voz de Bogotá, 9-30 AM"	W	0700	10/11	PC
940	WCPC	Houston MS; "... Monday thru Friday at 4.45 for the program What Saith the Scriptures with Brother Gladwin Carpenter, Pastor of the Friendship Baptist Church in Chickasaw County. ... Our mailing address is Brother Gladwin Carpenter (?) Houston, Mississippi, Zip 38851"; daytimer	F	2300	4/11	PC
940	XEQ	México DF; "La Ke Buena. La una en punto" ID	F	0700	6/11	PC
950	CFAM	Altona MB; end of religious program "You're listening to CFAM, Radio 9-50", then detailed local weather.	F/G	0400	18/11	PC
950	CKNB	Campbellton NB; non-stop pop mx	W	0104	24/10	DV
950	CKNB	Campbellton NB; "Your Station CKNB", mx	322	0100	1/11	SC
950	CKNB	Campbellton NB; ops "This is 95 CKNB an MBS Radio Station"	F	0100	15/11	JW
950	WROL	Boston MA; "AM 9-50 WROL Boston"; daytimer	W	2300	27/10	PC
950	WWJ	Detroit MI; "This is News Radio 9-50 WWJ"	W/F	0400	7/11	PC
950	WKDN	Philadelphia PA (presumed); "The word of Our Lord ... on Family Radio."	W/F	2200	27/10	PC
950	KJR	Seattle WA; "KJR AM and KJR FM HD2 Seattle, an iHeart radio station", NBC Sports Radio	Gpks	1000	23/10	mah
950	KJR	Seattle WA; "Sports Radio 9-50 KJR, a iHeart radio station"	W	0900	19/11	PC
950	CMBD	R Reloj, 2 sites listed; "Radio Reloj" ID	W	0700	27/10	PC
950	LR3	CNN Radio, Buenos Aires; "LR3, CNN Radio, AM 9-50" ID	W	0200	29/10	PC
950	LR3	CNN Radio, Buenos Aires; "informado en cnradio.com.ar"	W	0204	30/10	AB
954		AIR Najibabad, India; AIR Interval Signal // 918, 927 kHz	233	0024	24/11	EG
960	CFAC	Calgary AB; "This is CFAC 9-60 AM Sportsnet 9-60 The Fan live from Calgary Alberta Canada, owned by Rogers Media ..."	F	0900	23/10	mah
960	KMA	Shenandoah IA; "Thank you for listening to KMA 9-60 Shenandoah and KMA FM 99.1 Clarinda, Shenandoah"	W/F	0700	17/11	PC
960	WEAV	Plattsburgh NY; "WEAV Plattsburgh Burlington Montréal 9-60 the zone", CBS Sports	W/F	0600	24/10	BD
970	WZAN	Portland ME; "Great country legends are heard daily on AM 9-70 and 101.5 The Outlaw"	G	0703	3/11	AB
970	WZAN	Portland ME; "AM 9-70 101-5 the outlaw", country music	W/F	0030	4/11	BD

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970	WZAN	Portland ME; "This is WZAN Portland, better known as 9-70 AM and 101.5 The Outlaw"	F/G	0700	6/11	PC
970	WZAN	Portland ME; "On AM 9-70, 101-5, The Outlaw"	222	0500	7/11	RF
970	WDAY	Fargo ND; "93.1 ... 970 WDAY AM Fargo Moorhead"	W/F	0800	18/11	PC
970	WDAY	Fargo ND; "9-70 WDAY-AM Fargo/Moorhead", ABC News	W	0800	20/11	AB
970	KTTO	Spokane WA; "This is Sacred Heart Radio, Catholic radio for the north-west, KBLE Seattle, KTTO Spokane ..."; xf KFBX	Fpk	0900	23/10	mah
972		AIR Cuttack, India; Indian music	F	1704	26/10	MvA
972		IRIB R Ilam, Iran; IRIB IS, Farsi	F	1730	26/10	MvA
972	HLCA	KBS Hanminjok Bangsong 1, Dangjin; ID with QRG by YL, OM talks	F/G	1700	15/11	WFB
972	HLCA	KBS Hanminjok Bangsong, Dangjin; Korean	W	1900	17/11	MvA
972		VOA Radio Aap Ki Duniyaa, Orzu, Tajikistan; EE VOA News; (EE not listed)	F	1701	26/10	MvA
980	CKNW	New Westminster BC; jingle, ID "AM 9-80 CKNW Vancouver, a Corus Entertainment station (ad free?) at ckmw.com"	W/F	0900	23/10	mah
980	CHRF	Montréal QC; ID	222	0600	21/10	RF
980	CJME	Regina SK; "CJME weather", after which "That's your 9-80 CJME News Update"; xf CKNW	W/F	0905	23/10	mah
990	WTLN	Orlando FL ; "... powerful voice in Christian talk radio ... the new AM 9-90 FM 101.5 The Word WTLN Orlando"; personal first	W	0700	23/10	mah
990	WTLN	Orland FL ; "The most powerful voice in Christian radio, the new AM 9-90 and FM 101.5, The Word, WTLN Orlando"	W/F	0700	27/10	PC
990	CMAM	R Guamá, Pinar del Río; SS ID "... Radio Guamá la señal de sonora de la familia ... noticias, en www.rguama.icrt.cu "	Fpk	0400	23/10	mah
1000	WMVP	Chicago IL; "stop at one of Dub City's in Chicago or Rosemont", ESPN Sports	F	0500	24/10	BD
1000	WMVP	Chicago IL; OM "This is WMVP ..."	W	0600	13/11	JW
1000	WMVP	Chicago IL;	F	0828	20/11	MvA
1000	KOMO	Seattle WA; "KOMO Seattle KOMO FM Oakville, the north-west's only 24 hour news station", ABC News	Gpks	0800	23/10	mah
1000	KOMO	Seattle WA; three electronic notes, "Komo News", ABC News	W	0400	4/11	BD
1000	KOMO	Seattle WA; "Komo News 1000 and 97-7"	W/F	0500	10/11	PC
1000	XEOY	R Mil, México DF; "Radio Mil AM" ID	W	0300	29/10	PC
1000	XEOY	R Mil, México DF; "Mil", promo, YL with announcements	W/F	0229	4/11	BD
1010	CBR	Calgary AB; "From CBC News, The World This Hour"	Gpks	0800	23/10	mah
1010	CFRB	Toronto ON; weather forecast for Toronto; moderate noise	333	0403	17/10	SC
1010	CFRB	Toronto ON; "This is Toronto's Breaking News"	F	0700	24/11	JW
1010	WINS	New York NY; "10-10 WINS"	332	0201	19/10	SC
1010	WINS	New York NY; "This is 10-10 WINS"	F	0358	25/10	JW
1010	WINS	New York NY; "Ten Ten WINS news time it's 7.56"	F	0056	4/11	DV
1010	WINS	New York NY; ID, news	333	0300	8/11	FHe
1017		CRI Changchun, China; CRI IS, Chinese ID, strong signal	W/F	2100	8/11	MvA
1017		CRI Changchun, China; Korean talk; 1500 UTC IS & tune CRI	243	1434	14/11	EG
1017		CRI Changchun, China; 1422 Korean talk and mx; 1459 signature tune, IS, ID in CC and KK	243	1422	17/11	FHe
1020	WLJV	Boynton Beach FL; SS opera, "Actualidad" programme promo	F	0358	4/11	BD
1020	KDKA	Pittsburgh PA; "This is KDKA Radio", CBS News	F	0200	24/10	BD

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1020	KDKA	Pittsburgh PA; "KDKA a radio dot station", CBS News	F	0100	4/11	JW
1020	KDKA	Pittsburgh PA; "News Radio ... KDKA"	W	0106	4/11	DV
1020	KDKA	Pittsburgh PA; ID	222	0500	5/11	RF
1020	KDKA	Pittsburgh PA; ad	F	0622	5/11	MvA
1020	CMCW	R Artemisa, Bahía Honda; "Radio Artemisa, emisora provincial"; also closedown announcement 0500 19/11	W/F	0300	28/10	PC
1020	UNID	Ads, Timberline Tax Group – "restore your good name"	322	0404	4/11	SC
1030	WBZ	Boston MA; OM ID "WBZ Boston"	F	0500	31/10	JW
1030	WBZ	Boston MA; "WBZ News", evacuation orders in Los Angeles	322	0500	31/10	SC
1040	CKST	Vancouver BC; YL/OM ID "KST AM Vancouver - a division of Bell Media – is TSN 10-40 – an iHeart radio station – Vancouver's sports conversation starts here", ESPN Radio	G	0900	23/10	mah
1040	CJMS	Saint Constant QC (presumed); FF talk	W/F	2200	18/11	PC
1040	WHO	Des Moines IA; "Right now today's top stories from Des Moines news traffic and severe weather station News Radio 10-40 WHO", WHO news	F	0300	24/10	BD
1040	WHO	Des Moines IA; news, "You're listening to WHO"	F/G	0504	24/10	JWe
1040	WHO	Des Moines IA; ID "WHO"	F	0159	15/11	DV
1040	WHO	Des Moines IA; "... on News Radio 10-40 WHO"	F	0300	17/11	PC
1050	CHUM	Toronto ON; N/A sports results	G	0100	3/11	JW
1050	WEPN	New York City NY; "at 10-50 ESPN, home for New York's WEPN New York"	W	0700	2/11	AB
1060	WQOM	Natick MA; ID "The Station of the Cross"	322	0300	15/11	EG
1060	WQOM	Natick MA; ID "The Station of the Cross 10-60 AM WQOM", religious programme; personal first	F	0300	15/11	WFB
1060	WQOM	Natick MA; ID	F	0200	17/11	MvA
1060	WQOM	Natick MA; "Thank you for listening to the station of the Cross"	F	0700	17/11	JW
1060	XEEP	Radio Educación, México DF; "... Ciudad Mexico, una emisora de Radio Educación"	F	0401	13/11	JWe
1060	WCGB	Juana Díaz PR ; "... WIVV Vieques 13-70 and WCGB Juana Díaz 10-60, The Rock Radio Network"	W/F	0700	27/10	PC
1070	WPLB	Plattsburgh NY; Rolling Stones, simple "WPLB" ID and then news; daytimer	W/F	2200	18/11	PC
1070	HJCG	Radio Santa Fe, Bogotá; ID	222	0500	11/9	RF
1070	HJCG	R Santa Fe, Bogotá; "Radio Santa Fe 1070 AM"	W	0000	29/10	PC
1070	HJCG	R Santa Fe, Bogotá; ID "Radio Santa Fe 1070"	222	0558	3/11	EG
1070	HJCG	R Santa Fe, Bogotá; "onda popular Santa Fe 10-70 AM", Latin rhythms	W/F	0330	4/11	BD
1070	HJCG	R Santa Fe, Bogotá.; ID "Radio Santa Fe"	F	0100	14/11	JW
1080	WTIC	Hartford CT; ID	222	0600	31/10	RF
1080	WTIC	Hartford CT; "on WTIC" and "wtic.com" heard briefly in Spain gaps	W	0400	13/11	JWe
1080	WQOS	Coral Gables FL; Catholic talk, "Go to relevantradio.com. Use the Relevant Radio app"	W/F	0500	5/11	BD
1100	WHLI	Hempstead NY; ad for "Magic of Lights ... be part of this Long Island tradition bringing families together. Get ticket information at whli.com"; daytimer	F	2130	18/11	PC
1100	WTAM	Cleveland OH; "WTAM 11 hundred Cleveland", ABC News	F	0200	24/10	BD

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1100	WTAM	Cleveland OH; iHeart Radio, ABC News, wx, ID	222	0400	4/11	SC
1100	WTAM	Cleveland OH; OM "Breaking news, News Radio WTAM Eleven hundred", ABC News	G	0500	4/11	JW
1100	WTAM	Cleveland OH; "Breaking news WTAM ABC News"	F	0400	15/11	DV
1100	WTAM	Cleveland OH; news, ID "ABC News"	W/F	0500	15/11	WFB
1100	HJAT	Caracol, Barranquilla; "Caracol Radio" ID	W	0600	26/10	PC
1110	WBT	Charlotte NC; "News Talk 11-10 WBT Charlotte. A radio.com station", Fox News	W/F	0300	24/10	BD
1110	WBT	Charlotte NC; ID "News Talk 11-10 WBT"	G	0500	4/11	JW
1120	WBNW	Concord MA; "The Money Matters Radio Network, WBNW 11-20 AM Concord ..."	W	0700	4/11	PC
1120	KMOX	Saint Louis MO; ID, nx	222	0300	26/9	RF
1120	KMOX	Saint Louis MO; "This is Saint Louis's News Radio KMOX ... A radio.com station", CBS News	F	0200	24/10	BD
1120	KMOX	Saint Louis MO; "This is KMOX News Station"	F	0500	3/11	JW
1120	KMOX	Saint Louis MO; "CBS News on the Hour", ID	322	0400	18/11	SC
1120	WMSW	Hatillo PR: Esta es WMSW, 11-20, Hatillo, Puerto Rico. Radio Once, 11-20 AM"	F	2300	4/11	PC
1125		IRIB R Qazvin, Iran; Farsi	F	1624	28/10	MvA
1130	WDFN	Detroit MI; "It's an absolute (?) that this is the best show in Detroit. It's Big Drew and Jim on Detroit 11-30 WDFN"	F	2158	20/11	PC
1130	KTLK	Minneapolis MN; "Twin Cities News Talk KTLK AM Minneapolis", Fox News	W/F	0300	24/10	BD
1130	WBBR	New York NY; "I am David Weston and this is Bloomberg"	333	0348	19/10	SC
1130	WBBR	New York NY; "Bloomberg the World is waiting"	G	0400	25/10	JW
1130	WBBR	New York NY; "Bloomberg Eleven Three O"	G	0559	4/11	DV
1134	HLKC	KBS3 Hwaseong; "H L K C" female ID	F	1600	18/11	MvA
1140	CHRB	High River AB; three music tracks matched with online playlist; no toth ID noted; Christian music	F	0700	7/11	PC
1140	CHRB	High River AB; "So join us again this week on ... Bible program", mentioning telephone numbers; peaks; personal first	F/W	0555	18/11	DV
1140	CHRB	High River AB; announcing religious program	F	0808	20/11	MvA
1140	CBI	Sydney NS; "CBC Radio 1" ID; weak	322	0300	19/10	SC
1140	CBI	Sydney NS; CBC News	F	0500	30/10	JW
1140	CBI	Sydney NS; CBC News	F	0800	10/11	MvA
1140	WRVA	Richmond VA; jingle "News Radio 11-40 WRVA"	W/F	0700	4/11	PC
1140	HJCL	R Panamericana, Girardot; SS ID	F	0701	19/11	MvA
1143		R Free Korea, South Korea; Korean male	F	1900	17/11	MvA
1143	BEL3	Yuye Guangbo Diantai, Baisha; 1900 messages in CC, 1928 info section for Indonesian fishers, exchange rate Rupiah-Taiwan \$, zero-offset	333	1900	7/11	FHe
1143	BEL3	Yuye Guangbo Diantai, Baisha; CC ID	F/G	1500	11/11	MvA
1150	WHBY	Kimberly WI; programme promo, "on WHBY Kimberly Appleton Fox Cities. A Woodward Communications station", CBS News	F	0000	24/10	BD
1150	WHBY	Kimberly WI; "... WHBY Kimberly, Appleton, Fox Cities"	F	0100	18/11	PC
1160	WYLL	Chicago IL; "AM 11-60 WYLL Chicago"	222	0600	23/10	RF
1160	WYLL	Chicago IL; programme promo. "on AM 11-60 Hope for your Life"	F	0129	24/10	BD

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1160	WYLL	Chicago IL; "This is AM 11-60 Hope for your Life. WYLL Chicago"	W/F	2300	16/11	PC
1160	WCVX	Florence KY; "Information you need, Christian Talk 11-60 WCVX Florence, Cincinnati"; personal first	W	0700	3/11	AB
1160	WCVX	Florence KY; "Christian Talk, 11-60 WCVX Florence, Cincinnati"	W/F	0000	4/11	PC
1160	WSKW	Skowhegan ME; "Great songs and great oldies, loving the music, Legacy 11-60"; earlier, football commentary	W	0700	2/11	AB
1160	WSKW	Skowhegan ME; "This is WSKW Skowhegan, Augusta, Waterville . Legacy 11-60"	F	2300	3/11	PC
1160	WVNJ	Oakland NJ; "WNSW Newark, New York City and WVNJ Oakland, Relevant Radio 14-30 and 11-60 AM"	W/F	2300	30/10	PC
1160	WVNJ	Oakland NJ; Relevant Radio donations 877 921 0123, Catholic talk	W/F	0629	5/11	BD
1160	KSL	Salt Lake City UT; "KSL FM Midvale, KSL Salt Lake City"	W	0700	^{18/11}	PC
1170		Al-Dhabbaya, UAE; "Idha'at Sawt Al-Joumhouria"	333	0030	11/11	EG
1170		Sawt Al Joumhouria, Al-Dhabbaya, UAE; AA song, ID; personal first	W/F	1558	18/11	MvA
1170	WWVA	Wheeling WV; "This is News Radio 11-70 WWVA Wheeling, an iHeart radio station", Fox News	F	0600	24/10	BD
1170	WWVA	Wheeling WV; "News Radio 11-70 WWVA Wheeling"	G	0500	4/11	JW
1180	KYES	Rockville MN; "Catholic ... FM 93.5 and AM 11-80 (...?) KYES Rockville, Saint Cloud"; personal first	W	0800	17/11	PC
1180	WHAM	Rochester NY; ID as WAIO, Fox News	222	0500	9/11	RF
1180	WHAM	Rochester NY; "WHAM Rochester"	F	0100	15/11	JW
1180	CMBA	R Rebelde, multiple sites; SS male ann	F	0800	23/10	MvA
1188		IRIB R Payam, Tehran, Iran; Farsi ann	F	1900	26/10	MvA
1188		IRIB R Payam, Tehran, Iran; Farsi ID "Radyoe Payam"	344	0244	13/11	EG
1190	WOWO	Fort Wayne IN; C2C AM, "Wowo 11-90 AM 107-5 FM Fort Wayne"	F	0629	24/10	BD
1190	WOWO	Fort Wayne IN; OM "WOWO and WOWO HD"	F	0500	4/11	JW
1190	WNWC	Sun Prairie WI ; This is Faith 104.7 FM, WNWC Sun Prairie, Madison, a ministry of the University of Northwestern"	W	2200	18/11	PC
1190	CMJD	R Revolución, Chivirico; SS ID	G	0601	12/11	MvA
1190	WBMJ	San Juan PR; "This WBMJ San Juan ..."; tnx to PC; personal first	F	2300	17/11	JW
1190	LRA15	R Nacional, San Miguel de Tucumán; "Nacional presenta ..."	F	0602	11/11	AB
1190	HJCT	La Voz de la Costa, Barranquilla; "esta es La Voz de la Costa" and several repeats of "La Voz de la Costa" in the space of a minute	W	0102	24/10	JWe
1190	HJCV	R Cordillera, Bogotá; SS ID, music	W	0300	10/11	MvA
1190	HJCV	R Cordillera, Bogotá; LA mx, ID	232	0600	11/11	FB
1200	CFGO	Ottawa ON; "This is TSN 12 hundred CFGO Ottawa a Bell Media Radio Station"	F	0500	1/11	JW
1200	WXKS	Newton MA; "Boston's new home for Conservative talk"	F	0500	31/10	JW
1200	WXKS	Newton MA; "Fox 1200, Boston's New Home for Conservative Talk"	322	0400	1/11	SC
1200	WXKS	Newton MA; ID	222	0600	6/11	RF

kHz	Callsign	Station, location; details heard etc	SIO	UTC	Date	Who
1200	WOAI	San Antonio TX; "News Radio 1200 WOAI San Antonio an iHeart radio station"	F	0500	6/11	JW
1200	WOAI	San Antonio TX; "News Radio 12-hundred WOAI, San Antonio's breaking news, traffic and weather"	F	0700	18/11	PC
1206		AIR Bhawanipatna, India; EE ID, news	F	1530	5/11	MvA
1206		AIR Bhawanipatna, India ; ID "All India Radio please standby..."	243	1559	11/11	EG
1206		KAN Bet, Akko, Israel; Hebrew ad	F	1530	28/10	MvA
1206		KAN Bet, Akko, Israel; ID and news	333	2000	28/10	FB
1206		Yanbian RGD, Yanji, China; Korean ID	W/F	1600	18/11	MvA
1220	CJRB	Boissevain MB; classical music // 1250 kHz	W/F	0818	20/11	PC
1224		IRIB WS, Kish, Iran; AA ID "Huna Tehran"	343	0034	8/11	EG
1230	WSOO	Sault Sainte Marie MI; "12-30 WSOO Sault Sainte Marie. ABC News"	W	0700	20/11	PC
1230	HJLK	R Calidad, Cali; "Radio Calidad, 12-30 AM"	W	0700	27/10	PC
1240	WMMB	Melbourne FL; "... South Florida's space coast ... WMMB 12-40 Melbourne"	W	0100	28/10	PC
1250	CHSM	Steinbach MB; Elgar cello concerto; // 950 at 0715	W/F	0700	5/11	PC
1250	CHSM	Steinbach MB; weather forecast, YL, ending "visit steinbachonline.com"	W	0504	20/11	AB
1250	CHSM	Steinbach MB; classical music program	W/F	0700	20/11	MvA
1250	CJYE	Oakville ON; YL "CJOY Radio"	F	2300	15/11	JW
1269		IRIB R Ardabil, Iran; IRIB IS, Farsi	W/F	1530	28/10	MvA
1270	WIWA	Eatonville FL; ID	222	0500	10/9	RF
1270	WIWA	Eatonville FL; "WIWA Eatonville ... This is The Shepherd", SRN news	W?F	0300	24/10	BD
1270	WIWA	Eatonville FL; "WIWA Eatonville, serving the Greater Orlando area at AM 12-70. This is The Shepherd"	W/F	0000	28/10	PC
1270	WMKT	Charlevoix MI; "12-70 AM WMKT Charlevoix, Traverse City and the all new 102-3 FM"	W	2200	9/11	PC
1270	WXYT	Detroit MI; "CBS Sports Radio 12-70 WXYT WXYT HD and WXYT HD3 Detroit. A radio.com station", sports	W/F	0000	24/10	BD
1270	WXYT	Detroit MI; "CBS Radio 12-70 is WXYT, WXYT HD and WXYT HD3 Detroit"	F	2200	4/11	PC
1270	WXKT	Detroit MI; "WXKT" heard	W	0500	19/11	JW
1270	WWWI	Baxter MN ; "Prime-time football results ... on WWWI AM Baxter, AM 12-70 and FM 96.3; personal first	W/F	0400	19/11	PC
1270	WLPR	Lebanon PA ; "Your station for information in the Lebanon Valley, WLBR Lebanon"; personal first	F	0700	3/11	AB
1270	KNWC	Sioux Falls SD; "Faith Radio ...AM 12-70 KNWC Sioux Falls"	W	0700	19/11	PC
1270	LS11	R Provincia de Buenos Aires, La Plata; ID "Escuchando ... Provincia"	222	0630	11/11	EG
1278		IRIB R Kermanshah, Iran; Farsi ID	F	1700	26/10	MvA
1278		IRIB Radio Kermanshah, Iran; song 'La Paloma', ID by OM "Radio Kermanshah"	G	1640	10/11	WFB
1278		IRIB Radio Kermanshah, Iran; ID by YL	232	1530	19/11	FB
1278	JOFR	RKB Fukuoka; JJ female	F	1910	8/11	MvA
1278		R Sultanate Oman, Bahla; AA ID	F	1531	28/10	MvA
1280	WOC	Davenport IA; "AM 12-80 WOC Davenport"	W	0500	6/11	RF

kHz	Callsign	Station, location; details heard etc	SIO	UTC	Date	Who
1280	WWTC	Minneapolis MN; "AM 12-80 The Patriot WWTC Minneapolis Saint Paul FM 107.5 K2-98 CO Minneapolis", SRN news	W/F	0000	24/10	BD
1280	WWTC	Minneapolis MN; "AM 12-80 The Patriot ... FM 107.5 K298CO"	Fpks	0600	24/10	JWe
1280	WWTC	Minneapolis MN; "AM 12-80 The Patriot is WWTC Minneapolis Saint Paul FM 107.5 K298CO"	W/F	0900	6/11	PC
1280	WWTC	Minneapolis MN; "AM 12-80, The Patriot, WWTC Minneapolis Saint Paul, FM 107.5"	222	0600	11/11	RF
1280	WWTC	Minneapolis MN; ID "AM 12-80 WWTC Minneapolis, Saint Paul FM 107.5"	F	0700	11/11	JW
1280	WWTC	Minneapolis MN; ID	F	0758	21/11	MvA
1280	WNAM	Neenah-Menasha WI; nostalgia songs. "WNAM Neenah-Menasha. A Cumulus music station"	W/F	0300	24/10	BD
1280	WNAM	Neenah WI; "AM 12-80 WNAM Neenah, Menasha, Fox City"	W/F	0900	6/11	PC
1280	WNAM	Neenah-Menasha WI; ad	W/F	0504	10/11	MvA
1280	WNAM	Neenah-Menasha WI; "WNAM 12-80 AM Neenah Menasha"	F	0600	13/11	JW
1280	WNAM	Neenah-Menasha WI; Elvis old pops; ID "From America Best Music: the latest news and weather 12-80 WNAM"	F	0323	15/11	DV
1287		The Voice of Hope, She'ar Yashuv, Israel; "12-87 The Voice of Hope. A Strategic Communications broadcast station", then AA	W/F	1900	16/10	JWe
1287		VOH, She'ar Yashuv, Israel; EE "AM 12-78 Voice of Hope"	343	2300	23/11	EG
1290	CFRW	Winnipeg MB; sport, "This is TSN Radio 12-90 CFRW-AM Winnipeg"	W	0600	5/11	AB
1290	WJNO	West Palm Beach FL; "News Radio 12-90 WJNO West Palm Beach"	W/F	0000	28/10	PC
1290	WKBK	Keene NH; "WKBK Keene", CBS News	W/F	0100	24/10	BD
1290	WNBF	Binghamton NY; "This is where news breaks first, This is Binghamton's news leader, news radio 12-90 WNBF Binghamton and wnb.com"	F	0700	4/11	PC
1296		VOA Radio Ashna, Kabul, Afghanistan; Ashna sport	F	1530	27/10	MvA
1296		VOA R Ashna, Kabul, Afghanistan; Pastho ID "Radyo Ashna"	243	1514	22/11	EG
1300	KGLO	Mason City IA; "This is AM 13-hundred KGLO Mason City"	W/F	0700	10/11	PC
1300	WOOD	Grand Rapids MI; "News Radio Wood 13 hundred", Fox News	W/F	0700	24/10	BD
1300	WXRL	Lancaster NY; "WXRL Lancaster, Buffalo"	W	0700	7/11	PC
1300	WGDJ	Rensselaer NY; "This is WGDJ Rensselaer"	W	2200	3/11	PC
1300	WJMO	Cleveland OH; "Broadcasting live from the (?) studios this is WJMO Cleveland, W233CG ..."	W/F	0000	4/11	PC
1310	WCCW	Traverse City MI; "...studios in the heart of the cherry capital of the world, this is AM 13-10 WCCW Traverse City"	W	0500	19/11	PC
1310	KNOX	Grand Forks ND; "News Radio 13-10 AM KNOX Grand Forks, and 107-9 KNOX FM, translating on K300BG Grand Forks"	F	0800	20/11	PC
1314		IRIB R Iran, Ardabil; Farsi ID "Radyoe Iran"	233	0031	9/11	EG
1320	CJMR	Oakville ON; Punjabi music, male ann,	F	0659	23/10	MvA
1320	CJMR	Oakville ON; "CJMR The Voice of the City"	G	0100	3/11	JW
1320	WATR	Waterbury CT; "Great oldies, 13-20 AM WATR Waterbury"	W	0600	6/11	AB
1320	WATR	Waterbury CT; "... for news, talk and entertainment. 13-20 AM WATR, Waterbury"	W	0900	6/11	PC
1320	WILS	Lansing MI: "13-20 WILS Lansing" ID	W	0700	4/11	PC
1320	WILS	Lansing MI; "13-20 WILS Lansing, Michigan"	W	0300	15/11	JWe

kHz	Callsign	Station, location; details heard etc	SIO	UTC	Date	Who
1320	WILS	Lansing MI; "All day, all night, this is 13-20 WILS Lansing. It's two o'clock"	W	0700	20/11	AB
1320	WDER	Derry NH; "This is WDER 13-20 AM ... Life Saving Radio"	W	2100	4/11	PC
1320	WFHR	Wisconsin Rapids WI ; "Central Wisconsin's 24 hour information station, 13-20 AM WFHR Wisconsin Rapids"	W	0300	7/11	PC
1323		CRI 2 sites listed, China; RR, talk, "Radio Narodnaya Kitaya"; // 1521 kHz, only for a few minutes, when ROU was weak; according to the Pacific Asia Log both Shuanghyashan and Hutubi carry Radio Kitaya at this time - mah	243	1427	17/11	FHe
1330	KNSS	Wichita KS; "Broadcasting from the air capital of the world, KNSS, Wichita's number 1 talk station, a radio.com station"	W	0800	20/11	AB
1330	KNSS	Wichita KS; "Broadcasting from the air capital of the world, KNSS Wichita's number one talk"	F/G	0800	20/11	PC
1330	WRCA	Watertown MA; "Bloombergradio.com, WRCA Watertown"	232	0500	11/9	RF
1330	WRCA	Watertown MA; "Bloomberg" and frequencies for Boston area given	G	2300	12/11	JW
1330	WHBL	Sheboygan WI; "101-5 WHBL" ID	F	0800	20/11	PC
1330	ZYK736	R Terra AM, São Paulo; "Terra AM ... Rádio Terra ... São Paulo" noted	W/F	2300	3/11	PC
1350		ERTU Quseir, Egypt; ID and news	232	1900	17/11	FB
1350		TWR, Gavar, Armenia; Russian px, ID, sign off at 1915	333	1912	8/11	FB
1350	DWUN	UNTV Radyo La Verdad, Malabon; Tagalog ann,	F	2054	29/10	MvA
1350	KRNT	Des Moines IA "KRNT Des Moines" weak ID noted	W	0500	10/11	PC
1350	WARF	Akron OH; "WARF Akron is Fox Sports 13-50"	W	0900	4/11	PC
1350	WOYK	York PA; "Sports Radio 98-9 FM and 13-50 WOYK", Fox Sports	W	0800	24/11	PC
1350	WEGA	Vega Baja PR; multi-station ID "... WEGA 13-50 AM Vega Baja, Puerto Rico ..."	W/F	0100	28/10	PC
1350	WEGA	Vega Baja PR; SS ID "1350 AM, WEGA ... Puerto Rico"	242	0604	3/11	EG
1350	WEGA	Vega Baja PR; "Candelita siete AM", LA music	W/F	0113	4/11	BD
1350	WEGA	Vega Baja PR; Spanish songs, ID "Candelita 7"	333	0605	10/11	FB
1350	ZYH520	Super R Cristal, Salvador; "Super Rede Boa Vontade"	G	2300	19/11	JW
1360	WDRC	Hartford CT; "WDRC AM WDRC FM ... The talk of Connecticut", Fox News.	F/G	0300	4/11	BD
1360	WQVN	North Miami FL; "WQVN North Miami AM 13-60 and 102.3 W272DS"	W/F	2300	27/10	PC
1360	WHBG	Harrisonburg VA ; "Harrisonburg's sports station, ESPN 106-9 and 13-60 WHBG Harrisonburg, a Harrisonburg Radio Group Station"; personal first	F	0600	15/11	AB
1360	WTAQ	Green Bay WI; "News, crime(?), sport, WTAQ Green Bay, WTAQ FM Glenmore, a service of Midwest Communications"	W/F	0300	18/11	PC
1368		IRIB Radio Golestan, Gonbad-e Qabus, Iran; OM talks, Golestan often mentioned, music	G	1500	15/11	WFB
1370	WDEA	Ellsworth ME; "AM 13-70 WDEA a down east tradition", nostalgia songs	F	2354	23/10	BD
1370	WDEA	Ellsworth ME; very nice signal, music, IDs	W/F	2225	3/11	MvA
1370	WDEA	Ellsworth MA; ID "This is AM 13-70 ... WDEA"	222	0600	4/11	EG
1370	WDEA	Ellsworth ME; streaming live at wdea.org"	F	0100	6/11	JW
1370	WDEA	Ellsworth ME; ID	222	0501	13/11	RF

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1377		CNR1 Xingyang, China; CC male	F/G	1500	5/11	MvA
1380	CKPC	Brantford ON; ID	222	0500	23/10	RF
1380	CKPC	Brantford ON; pop mx, ID "CKPC 13-80"	232	0115	24/10	FB
1380	CKPC	Brantford ON; ID	W/F	0640	4/11	MvA
1380	CKPC	Brantford ON; YL "CKPC 13-80" then back to country music	W/F	2300	4/11	JW
1380	WWMI	Saint Petersburg FL; Relevant Radio	F	0533	31/10	MvA
1380	KLIZ	Brainerd MN; "KLIZ Brainerd-Baxter" popped up at the toth	W	0300	19/11	AB
1380	WABH	Bath NY; local ad then simple "WABH" ID, country mx	F	2130	17/11	PC
1380	KOTA	Rapid City SD; "... on KOTA Radio News, 13-80 AM and 100.7FM, Rapid City"; CBS News	W	0700	9/11	AB
1380	KOTA	Rapid City SD; "... afternoons on KOTA" at 0358, and "Rapid City, KOTA Radio News. This is CBS News on the hour."	W	0358	13/11	JWe
1380	KOTA	Rapid City SD; "... on KOTA Radio News, 13-80 AM and 100.7 FM"	W/F	0700	17/11	PC
1380	WOTE	Clintonville WI; "Sports Radio WOTE Clintonville, New London, ..."	W	0600	24/10	JWe
1380	WOTE	Clintonville WI; "Sports Radio 13-80 WOTE Clintonville"	W	0500	18/11	PC
1380	XECO	Romántica, México DF; SS song, ID "Romántica 1380 AM"	322	0700	11/11	FB
1380	XECO	Romántica 1380, México DF; SS ID "XECO Romántica" by OM, slow music	W	0502	17/11	WFB
1380	XECO	Romántica, México DF; SS ID "Romántica 13-80 AM"	232	0559	17/11	EG
1380	XECO	Romántica, México DF; "Atención XECO Romántica 13-80"	F	0735	19/11	DV
1380	XECO	Romántica 1380, México DF; "Romántica 13-80AM" ID	W/F	0800	19/11	PC
1380	XECO	Romántica 1380; music and "Romántica 13-80 AM" ID	W	0600	20/11	AB
1380	XECO	México DF; SS ID Romántica	F/G	0718	20/11	MvA
1380	HJJD	NSE Radio, Medellín; SS female ID, time check	W	0341	17/11	MvA
1386	JOJB	NHK2 Kanawaza (presumed); Japanese talks	F	1503	18/11	MvA
1386	HLAM	MBC Mokpo; Korean ID MBC Radio	F	1600	17/11	MvA
1390	WGRB	Chicago IL; "WGRB Chicago, Inspiration 13-90"	Fpks	0400	24/10	JWe
1390	WLCM	Holt MI; townhall.com news, "right here on 13-90 WLCM"	F	0105	24/10	BD
1390	WLCM	Holt MI; ID	F	0600	24/10	MvA
1390	WLCM	Holt, MI; "Victory 13-90 WLCM Holt, Lansing"	F	0700	7/11	PC
1390	WLCM	Holt MI; YL "Right here on the News Radio Bible Network on AM 13-90 WLCM"	F	0500	15/11	JW
1390	WLCM	Holt MI; "Victory 13-90 WLCM" with religion	W	0300	19/11	AB
1390	WMER	Meridian MS; "you're listening to WMER 93.1FM, 13-90 AM"	W	0605	3/11	AB
1390	WFBL	Syracuse NY; multi-station ID including "WFBL Syracuse"	F	2300	5/11	PC
1390	WFBL	Syracuse NY; oldies, " playing the greatest hits ... on 94.1, 95.3, 103.9 The Dinosaur"	F	0403	13/11	JWe
1390	WFBL	Syracuse NY; list of stations "WSEN Syracuse, New York, Wolf FM" and others too weak to copy; personal first	W/F	0600	13/11	JW
1390	WRIG	Schofield WI; "WRIG Schofield Wausau and W230BU 93.9 FM Wausau", Fox Sports	W/F	0300	18/11	PC
1390	WISA	Isabela PR; "WISA 13-90" in lively Spanish music	F	0600	3/11	AB
1395		Iran International TV audio, Gavar, Armenia; Farsi nx, ID	343	2058	22/11	PR
1400	CBG	Gander NL; "This is CBC News"	F	0459	26/10	DV
1400	CBG	Gander NL; ID "CBC News"	232	2100	8/11	FB
1400	CBG	Gander NL; "CBC News at this Hour"	F	0700	24/11	JW

kHz	Callsign	Station, location; details heard etc	SIO	UTC	Date	Who
1400	WOND	Pleasantville NJ; OM "wond.com News Talk 1400 WOND", ABC News	F	0559	31/10	JW
1400	WSLB	Ogdensburg NY; "AM 14-hundred ESPN WSLB AM, Waddington; plus two other locations"	W	0400	29/10	PC
1400		Harbour Light of the Windwards, Carriacou; religious px, ID	242	0100	25/10	FB
1400		Harbour Light of the Windwards, Carriacou; "This is your good friend in Carriacou, The Harbour Light. The time is 8 o'clock"	F	0000	28/10	PC
1400		Harbour Light of the Windwards, Carriacou; "Stay tuned to the Harbour Light in Carriacou. The time is 8:30", religion	F	0030	4/11	BD
1400		Harbour Light of the Windwards, Carricou, Grenada; "The time is 1 minute past 7 o'clock next is the BBC News"	G	2301	4/11	JW
1400		Harbour Light of the Windward, Carriacou (presumed); religious organ mx; signal fading out	222	0359	18/11	SC
1400	HJAS	La Cariñosa Barranquilla, Barranquilla, LA mx, ID; ex Antena 2; personal first	233	0455	17/11	FB
1410	WPOP	Hartford CT; "every day at 9.30 am on WPOP 100.9 FM"	W/F	0700	5/11	PC
1410	WDOV	Dover DE; "Find out on News Radio 14-10 WDOV and now 100.9 FM every Sunday morning, 7 to 10 AM, we'll bring you the community leaders"; personal first	F	0700	4/11	AB
1420	WOC	Davenport IA; "The quad cities place for news and talk. News Talk 14-20 WOC Davenport", Fox News	F	0300	24/10	BD
1420	WOC	Davenport IA; "News Talk 14-20 WOC Davenport"	W/F	0700	7/11	PC
1420	WOC	Davenport IA; Coast to Coast	F	0749	20/11	MvA
1420	WOC	Davenport IA; "AM 12-80 WOC Davenport"	weak	0500	21/11	RF
1420	WBSM	New Bedford MA; "WBSM New Bedford ... worldwide at wbsm.com" noted	W	2300	30/10	PC
1420	KTOE	Mankato MN; jingle "Information Radio 14-20 KTOE Mankato"	W	0700	5/11	PC
1420	KTOE	Mankato MN; "Information Radio 14-20 KTOE" – jingle at the toth also heard at various times	F	0705	20/11	AB
1430	WXNT	Indianapolis IN; "Indianapolis ... WZPL ... This is CBS Sports 14-30, a Cumulus station"	W	0600	8/11	AB
1430	WENE	Endicott NY; ID	222	0500	26/9	RF
1430	WENE	Endicott NY; "Fox Sports 14-30 Binghamton"	F	0030	4/11	BD
1430	WENE	Endicott NY; "Sports station WENE"	F	0100	6/11	JW
1430	WENE	Endicott NY;	W	0700	22/11	MvA
1431		VOA Djibouti, FF px, ID "VOA Afrique", news	333	1930	24/10	FB
1431		VOA Djibouti; ID, news in French	3-4	1900	8/11	SHN
1431		VOA Djibouti; ID "VOA's Wonder Hits"	344	2229	8/11	EG
1431		VOA Djibouti; EE VOA news	F	1600	17/11	MvA
1440	WGIG	Brunswick GA; "south-east Georgia ... WGIG Brunswick", then Fox News	W	0600	18/11	AB
1440	WGIG	Brunswick GA; "... tomorrow morning at 10, 14-40 WGIG"	W/F	0700	20/11	PC
1440	WRED	Westbrook ME; "The Big Jab" ID	F	2300	3/11	MvA
1440	WRED	Westbrook ME; "The Big Jab"	222	0500	5/11	RF
1440	WRED	Westbrook ME; ID: "WRED ... The Big Jab", Fox sports	222	0359	13/11	FB
1440	WRED	Westbrook ME; ID "The Big Jab" then "Fox Sports Trending"	F	0600	22/11	JW
1440	WVEI	Worcester MA; "From the ? home of the Boston Red Sox, Sports Radio 14-40 WVEI"	W	0700	2/11	AB

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1440	WMAX	Bay City MI; "In the three counties you're listening to WMAX Bay City, Saginaw, Midland"	W	0000	24/10	JWe
1440	WMAX	Bay City MI; "... weekday mornings at 8 am on 14-40 WMAX"	W/F	0800	17/11	PC
1440	WHKZ	Warren OH; "245CY WHKZ Warren ... service of Salem media group", townhall.com news	F	0500	24/10	BD
1440	WHKZ	Warren OH; "WHKZ Warren "	F	0100	7/11	JW
1440	WHKZ	Warren OH; ""WHKZ Warren – Relevant Radio"	F	0300	15/11	AB
1440	WHKZ	Warren OH; IDing as Relevant Radio,	F	0600	15/11	MvA
1440	HJNZ	Colmundo R, Medellín; SS IDs	W/F	0655	14/11	MvA
1450	HJNL	La Cariñosa, Manizales; "Manizales escucha La Cariñosa, 1490, la radio del pueblo"	W/F	0424	28/10	PC
1450	WPGG	Atlantic City NJ; "14-50 WPGG Atlantic City, WENJ 97.3 HD3 Millville"	W	0700	2/11	AB
1460	WOPG	Albany NY; "You're listening to WOPG 14-60 AM and WOPG FM 89.9. (The Word?), Peace and Goodness"	W/F	0700	4/11	PC
1460	WOPG	Albany NY; "You're listening to WOPG 14-60 AM and WOPG 89.9 Words of Peace and Goodness"	W	0600	13/11	AB
1470	CJVB	Vancouver BC; Chinese female	W	0701	23/10	MvA
1470	CJVB	Vancouver BC; CC talk and three tones; "Fairchild" noted in CC talk but no EE ID	W/F	0700	20/11	PC
1470	WWNN	Pompano Beach FL; talk, "The Steve Kane Show" https://wwnnradio.com/the-steve-kane-show/	G	0635	21/11	WFB
1470	WSAN	Allentown PA ; "14-70 WSAN-AM Allentown, an iHeart Radio Station, or for the best podcasts ..."	W	0700	22/11	AB
1470	WSAN	Allenstown PA ; "WSAN AM Allenstown"; tnx to AB for deciphering; personal first	W	0700	22/11	JW
1470	WSAN	Allentown PA ; many iHeart Radio anns	W/F	0700	22/11	MvA
1470	XEAI	Radio Fórmula, México DF; talk, "XEAI ... Radio Fórmula 14-70 AM"	W/F	0258	13/11	JWe
1470	XEAI	México DF; SS	F/G	0729	19/11	MvA
1470	XEAI	Radio Fórmula Feminina, México DF; male SS and Mexican quiet mx	F	0731	19/11	DV
1470	HJII	Esperanza Colombia R, Medellín; SS IDs, music	F	0700	11/11	MvA
1470	HJII	Esperanza Colombia Radio, Medellín; Spanish songs, clear ID at 0630; personal first	333	0620	17/11	FB
1470	UNID	LA station, SS, slow mx,	W	0603	17/11	WFB
1476		Radio Asia, UAE; music from India, // web	1-3	1800	9/11	SHN
1476		R Asia, Ras al-Khaimah, UAE; ID	F	1559	11/11	MvA
1476		R Asia, Ras al-Khaimah, UAE; EE sung ID "Radio Asia 1467"	243	1500	15/11	EG
1480	WGVU	Kentwood MI; OM "Real Oldies"	F	0600	4/11	JW
1480	WGVU	Kentwood MI; oldies, "This is WGVU AM, WGVS AM and WGVU HD2 FM"	W/F	0301	15/11	JWe
1480	WGVU	Kentwood MI; "WGVU AM, Kentwood WGVS AM Muskegon and WGVU HD2 Avondale ..."	F	0800	17/11	PC
1480	WGVU	Kentwood MI; ID also announcing	W/F	0746	20/11	MvA
1480	WGVU	Kentwood MI; oldies with ID "From the Meijers Public Broadcasting Studio in downtown Grand Rapids, this is Real Oldies 14-80 and 8-50"	F	0801	20/11	AB
1490	WBAE	Portland ME; "on 107-1 all your bay favourites", MOR songs	W/F	0329	4/11	BD

kHz	Callsign	Station, location; details heard etc	SIO	UTC	Date	Who
1490	WCCM	Haverhill MA; SS “WCCM Impacto 14-90 AM, W279DH 103.7 FM”; mixture of SS and EE	W/F	2200	27/10	PC
1490	WBSS	Pleasantville NJ; “You’re hearing AM 14-90 Sports Betting Radio”	W	2300	28/10	PC
1490	WOLF	Syracuse NY; “WOLF Syracuse, Syracuse’s sports (station?)”	W	0400	19/11	PC
1490	WLPA	Lancaster PA ; “WONN (location?), WROZ HD2 ... Lancaster ... ESPN Radio 92-5, 92-7”; personal first	W	0900	5/11	PC
1490	HJAY	R Vida Nueva, Barranquilla; “Radio Vida Nueva” ID	W/F	0232	27/10	PC
1500	WFED	Washington DC; ABC News, ID; extreme noise	222	0400	17/10	SC
1500	WFED	Washington DC; YL “Federal News Network”, ABC News	F	0500	29/10	JW
1500	WFED	Washington DC; live sports	F	0109	4/11	DV
1500	WFED	Washington DC; news	F	0801	21/11	MvA
1500	WLQV	Detroit MI; “WLQV Detroit , FM 92.7 AM 15-hundred ... a service of Salem Media Group”	W/F	0700	20/11	PC
1500	KSTP	Saint Paul MN; “AM 1500 KSTP Saint Paul, Minneapolis”	W	0800	17/11	PC
1510	KCKK	Littleton CO; ID “KCKK AM”, pop music; personal first	W	0700	20/10	WFB
1510	KCKK	Littleton CO; “You’re listening to KCKK AM Littleton, Colorado and K225CZ Boulder, Colorado.”	W/F	0700	5/11	PC
1510	KCKK	Littleton CO; “15-10AM The Rock” then Eagles “Tequila Sunrise”	F	0400	10/11	AB
1510	KCKK	Littleton CO; pop mx, ID “15-10 The Rock”	232	0630	10/11	FB
1510	KCKK	Littleton CO; oldies, "KCKK AM Littleton, Colorado, translator K225CZ Boulder Colorado. A Hunt Broadcasting station"	Fpks	0301	15/11	JWe
1510	KCKK	Littleton CO; “This is KCKK AM Littleton Colorado ... a Hunt Broadcasting Station”, then Stevie Wonder record ‘Uptight’	F	0500	15/11	JW
1510	KCKK	Littleton CO; music, ID	W/F	0803	18/11	MvA
1510	KCKK	Littleton CO; "This is KCKK AM, Littleton Colorado, ... a Hunt Broadcasting station”	222	0500	22/11	RF
1510	WLAC	Nashville TN; “15-10 WLAC Nashville”	W	0000	4/11	PC
1510	XEPBGR	Origen Radio, Guadalajara; ID “XEPBGR AM”; tnx to Julius Hermans (RealDX) for help; personal first	233	0700	13/11	FB
1510	XEPBGR	Origen R, Guadalajara; SS full ID; personal first	F	0703	13/11	MvA
1510	HCIO2	R Naval, Guayaquil; time signals and ID “Instituto Oceanográfico de la Armada” just before the hour mark	W	0300	27/10	AB
1510	HCIO2	R Naval, Guayaquil; “Hora oficial del estado ecuatoriano ... Instituto Oceanográfico” and time signals	W/F	0600	29/10	PC
1510	HCIO2	R Naval, Guayaquil ; time pips and voice ann	F	0659	7/11	MvA
1510	HCBD1	R Monumental, Quito; “... en Monumental 1,510 AM”	W/F	0300	28/10	PC
1510	HCBD1	R Monumental, Quito; SS ID	F	0635	5/11	MvA
1520	WWKB	Buffalo NY; ID “ESPN 15-20”, sports	F	0700	3/11	WFB
1520	WWKB	Buffalo NY; ID “ESPN 15-20 WWKB Buffalo”, sports	F	0525	9/11	WFB
1520	WWKB	Buffalo NY; “ESPN Radio 15-20”	F	0700	24/11	JW
1520	HJLI	Su Presencia, Bogotá; “Son las 9 de la noche en Bogotá, las 4 de la mañana en Roma, las 10 de la noche en Miami. Esta escuchando Su Presencia Radio, HJLI 15-20 AM en Bogotá”	F	0200	7/11	PC
1521		CRI Ürumqi, China; Russian, early today	G	1326	12/11	MvA
1521		CRI Urumqi, China; Russian ID “Radio Kitaja”	244	1425	14/11	EG
1521		CRI Hutubi, China; RR, talk // 1323 kHz	344	1427	17/11	FHe

kHz	Callsign	Station, location; details heard etc	SIO	UTC	Date	Who
1530		VOA São Tomé; VOA Africa, EE nx	333	0400	11/9	RF
1530		VOA Pinheira, São Tomé; ID "This is VOA Washington DC"	322	0259	11/11	EG
1530		VOA Pinheira, São Tomé; "Yankee Doodle Dandy"	W	0459	13/11	JW
1530	WCKY	Cincinnati OH; "The 50,000 watt orange and black home of the Cincinnati Bengals"	W	0700	20/11	PC
1539		Pravasi Bharathi, Abu Dhabi, UAE; ad for Dubai	F	1500	4/11	MvA
1539		Pravasi Bharathi 810 AM, Abu Dhabi, UAE; Indian mx and anns; briefly hrd, soon covered by Spain; offset +4Hz	233	1536	17/11	FHe
1540	KXEL	Waterloo IA; ID	222	0600	23/10	RF
1540	KXEL	Waterloo IA; "The Voice of Eastern Iowa, News Talk 15-40 KXEL Waterloo, Cedar Falls, Cedar Rapids"	Fpks	0600	9/11	WFB
1540	KXEL	Waterloo IA; "The Voice of Eastern Iowa, News Talk 15-40 KXEL Waterloo, Cedar Falls, Cedar Rapids"	F	0100	11/11	JW
1540	KXEL	Waterloo IA; ID "15-40 KXEL", news	222	0000	14/11	FB
1540	KXEL	Waterloo IA; ID "KXEL 15-40 Cedar Falls"	W	0559	15/11	DV
1540	WXEX	Exeter NH ; "Motown Monday on Seacoast Oldies" and closedown 2115; daytimer, personal first	W/F	2107	4/11	PC
1540	UNID	Ads, struggling with addiction 1 st step to recovery	222	0400	18/11	SC
1557		Radio Free Asia, Kouhu; sign on in Chinese, email address "...rfa.org" at 1905	G	1900	16/10	JWe
1557		R Taiwan Int, Kouhu; pips, CC ann	G	1600	30/10	MvA
1557		RFA Kouhu, Taiwan; already 1943 carrier on, 2000 straight into Mandarin prg: "Hua tie mo ..." or similar, no EE ID	343	1943	7/11	FHe
1557		RTI Kouhu, Taiwan (presumed); Taiwan mentioned, talk by OM and YL in Chinese	G	1600	12/11	WFB
1560	WFME	New York NY; "We are Family Radio"	F	0500	31/10	JW
1560	WFME	New York NY; religious program	W	0242	4/11	DV
1560	WFME	New York NY; "Faithfull for Over 50 Years", mx	322	0248	4/11	SC
1560	WFME	New York NY; "Family Radio"	222	0600	5/11	RF
1566	HLAZ	VOA Jeju; Korean program	F	1752	8/11	MvA
1566	HLAZ	FEBC Korea, Jeju; Korean male, FEBC ann	F/G	1959	8/11	MvA
1570	CJLV	Laval QC; YL FF talk and pops	F	0600	5/11	JW
1570	XERF	La Poderosa, Ciudad Acuña; SS ID	W/F	0701	19/11	MvA
1575		VOA Ban Phachi, Thailand; EE ID	F	1600	29/10	MvA
1575		VOA Ban Phachi, Thailand; ID "Welcome to the VOA in Burmese"	232	1530	20/11	EG
1580	CKDO	Oshawa ON; oldies, ID "CKDO"	F	0100	4/11	JW
1580	HJQT	Candela 850, Bogotá; "noticias Candela" and several other "Candela" mentions	Gpks	0104	24/10	JWe
1580	HJQT	Candela 850, Bogotá; "Somos Candela" ID	W	0200	28/10	PC
1590	KVGB	Great Bend KS; "You're listening to the Talk of the Town, 15-90 KVGB Great Bend and 97-7 FM K226DX Hoisington"	W/F	0700	7/11	PC
1590	WHGB	Maugansville MD; "Christian radio in the Cumberland Valley, WHGB, Maugansville, Maryland 15-90 AM"	W/F	2200	4/11	PC
1590	WAKR	Akron OH; "WAKR Akron, 15-90 AM and now at 93.5 FM"	W/F	0700	5/11	PC
1590	WAKR	Akron OH; ID "WAKR" in mix	W	0600	22/11	JW
1590	WARV	Warwick RI; "Life Saving Radio is 15-90 AM WARV Warwick Providence and in Providence on FM at 92.7", SRN news	W/F	0000	4/11	BD

kHz	Callsign	Station, location; details heard etc	SIO	UTC	Date	Who
1590	WARV	Warwick RI; OM "15-90 WARV"	F	2300	12/11	JW
1590	WGBW	Denmark WI; "WGBW Denmark, ..."	W	2300	23/10	JWe
1590	WGBW	Denmark WI; "This is WGBW Denmark, Green Bay, Real Oldies 15-90"	W	0300	18/11	PC
1590	XEVOZ	Arroba, Los Reyes Acaquilpan; SS ID	W/F	0732	19/11	MvA
1600	WAAM	Ann Arbor MI; "WAAM Ann Arbor" ID	W	0700	7/11	PC
1610	CHHA	Toronto ON; ID in EE "CHHA 16-10 AM, Voces Latinas, 24 hours a day"; personal first	Fpks	0243	15/11	WFB
1620	CMBA	R Rebelde, various tx locations; Cuban anthem	142	0500	22/11	EG
1620	CMBA	R Rebelde, multiple sites; SS, LA music; // 710 kHz	G	0615	23/11	WFB
1630	KCJJ	Iowa City IA; ID "16-30 KCJJ" and "KCJJ news"	242	0100	14/11	FB
1630	KRND	Fox Farm WY; "La J Mexicana, escuchas en vivo 24 horas del día desde Greeley, Colorado, el mundo ... en www.lajotamexicana.com , aquí La Jota Mexicana"; Mexican music	F	0257	19/11	AB
1640	WTNI	Biloxi MS; "Classic country for the Gulf Coast, 103.5 The Possum"	F	0701	22/11	AB
1640	WSJP	Sussex WI; "WSJP Sussex, WSJP-FM Port Washington, Relevant Radio 16-40 AM 100.1 FM"	F	0300	15/11	AB
1650	CKZW	Montréal ON; "Vous écoutez émission Lumière dans la Nuit sur le 16-50 AM à Montréal"	G	0600	22/11	AB
1650	XEARZ	ZER Radio, México DF; light mx, ID "ZER Radio"	242	0700	19/11	FB
1650	XEARZ	Radio ZER, México DF; quiet piano mx; at 0730 male SS short announcement	F	0724	19/11	DV
1650	XEARZ	México DF; SS ID, music	W/F	0736	19/11	MvA
1660	WQLR	Kalamazoo MI: "Fox Sports Radio WQLR Kalamazoo. 16-60 The Fan"	W/F	0800	17/11	PC
1660	KQWB	West Fargo ND; "KQWB West Fargo, Fargo/Moorhead and K224FD in Fargo" – then Fox Sports Radio	W	0600	18/11	AB
1660	WGIT	Canóvanas PR; "Christian px "Gloria Haleluja"	F	0404	21/11	DV
1670	XEANAR	Anáhuac, Huixquilucan; music with SS IDs; personal first	F	0732	19/11	MvA
1680	WPRR	Ada MI; "No (?) or spin, just reality. This is Public Reality Radio WPRR. Listen on 16-80 AM Ada, 90.1 FM Allegan, low power 95.3 FM and 102.5 FM Grand Rapids ..."	F	0800	17/11	PC
1690	CHTO	Toronto ON; "You're listening to CHTO AM 16-90" then Greek music	G	0700	3/11	AB
1690	KDMT	Arvada CO; web site ending /Boulder then "Money Talk 16-90 AM"; heard later with Relevant Radio programming	W	0700	9/11	AB
1690	WPTX	Lexington Park MD; ID	222	0500	17/10	RF
1690	WPTX	Lexington Park MD; "You're listening to Southern Maryland's favourite adult singles on WPTX"	F	0600	5/11	JW
1690	WPTX	Lexington Park MD; ID: "WPTX 16-90 AM"	242	0700	13/11	FB
1690	WPTX	Lexington Park MD; ID "WPTX 16-90 AM", news, pop music	W	0600	23/11	WFB

Many thanks to the following contributors:

- AB Andrew Brade, Holme-on-Spalding Moor, East Riding of Yorkshire. AOR AR 7030 plus and Perseus SDR, Wellbrook phased array 290°, 305m beverage at 220°. Recording on Sony MZ-NH1 minidisc + Total Recorder.
- BD Barry Davies, Carlisle, Cumbria. Perseus SDR with Jaguar Pro software, 3.7m x 9.5m Flag with vactrol and FLG100 amp.

- DS David Smith, Huddersfield. Sangean PR-D5 + Tecsun AN200 passive loop.
- DV David Visser, Krimpen aan de IJssel, The Netherlands. Perseus with Jaguar software. KAZ Antenna 5x20 meters at 320° with Wellbrook amplifier FLG100LN.
- EG Ehard Goddijn, Almere, The Netherlands. Perseus SDR and Miniwhip and MLA-30 amplifier combined with the homemade loop.
- FB Franck Baste, St Bonnet de Rochefort, France. Perseus SDR, loop ALA 1530.
- FHe Frank Helmbold, Rotenburg (Wümme), Germany. FDM-S2 with SDR Console, HDLA-2 magnetic loop with rotor (also: Mini-Whip and 20m long wire).
- JW John Williams, Hemel Hempstead, Herts. Elad SWM S2 SDR, Flag antenna 10m x 4m, pre-amp.
- JWe Jack Weber, Welwyn, Hertfordshire. G3DDC Excalibur Pro, Perseus, 12m reversible KAZ at 100°/280° with Wellbrook FLG100LN, Wellbrook ALA1530S+.
- mah Martin Hall, Clashmore, Sutherland. Perseus SDR with Jaguar-Pro, RPA-1 preamp, beverages: 420m at 46° (Asia, from 20/9), 460m at 236° (South America, from 27/9), 490m at 276° (ECNA), 630m at 342° (WCNA/HI, from 23/9), all terminated.
- MvA Max van Arnhem, Hoenderloo, The Netherlands. Perseus SDR, KAZ antennas 30, 50, 70, 160, 250, and 290 degrees.
- PC Paul Crankshaw; Troon, Ayrshire. Perseus SDR, Jaguar Pro software, EWE antenna (305°) with vactrol, RPA-1 pre-amp.
- PR Patrick Robic; Leibnitz, Austria. AOR AR7030, Perseus, MK-1, MiniWhip.
- RF Rein Faber, Sneek, The Netherlands. Perseus SDR with Jaguar Pro, EWE 300 and EWE 270 (combined), Wellbrook ALA 1530.
- SC Scott Caldwell, Warrington. Lowe HF225, Sony ICF2001d, Wellbrook Loop, Realistic DX 394, AOR 7030, SDR Duo, MD 37 Skywire, SDR Duo.
- SHN Stig Hartvig Nielsen, Randers, Denmark. AOR7030+ and 150 m beverage – to the south.
- WFB Walter Fürstenhöfer, Baudenbach, Germany. Elad FDM S1, EWE 310° and 240°.

A splendid log again this month with another record number of contributors! Here are some of their comments.

Andrew: “It's relatively unusual to log a station from Fargo ND here. It's rare indeed to have three such stations in one log!” **Paul:** “It's good to be able to report excellent conditions around the middle of the month, with the reception of many stations from the Prairies. I hope this is a taster of conditions to come in the next few months”. **Jack:** “It's been another good month here with conditions on several nights favouring the midwest over the more usual east coast stations. Best reception has often been earlier during the night with no sign of any enhancement around sunrise. As usual, I have a lot of recordings still to check. In particular, I haven't yet paid much attention to my Asian recordings which might also prove interesting”. **John:** “Quite a few logs from me this month - including 3 I have not heard before; so pleased with that. Also KCKK came in well a couple of times. Hopefully things will continue to improve next month”. **Max:** “Conditions were very interesting the last weeks. Especially the 17th, 18th, 19th and 20th of November, Asia in the afternoon and Canadians from Alberta and Manitoba were heard here up to 0830 UTC. But the big surprise were two Mexicans: 1510 XEPBGR Origen Radio from Guadalajara and 1670 XEANA R. Anáhuac from Huixquilucan”.

Here in **Clashmore** conditions have been good over the past month, particularly on 20th and 29th November. However, as can be seen from my contribution, most of my listening time has been spent on a forensic examination of my recordings of 23rd October. Many recordings still to check – the results of which will appear in DX Loggings in due course.

The **deadline** for the January 2020 DX Loggings is **Friday 27th December** and I look forward to receiving your contributions.

Wishing all our members a very Merry Christmas and a Happy New Year!

Good DX and 73 Martin

Graham Bell, DXpedition to Cape Pt, South Africa, 15 October 2019

Winradio Excalibur Pro, 400m BoG @ 280°

kHz	UTC	Call	Details	SIO
550	0203	HJHF	R Nacional de Colombia, Marinilla; wv ID a'	F
620	0158	ZYK521	R Jovem Pan, São Paulo; wv ID and freq	F
650	0203	HJKH	Antenna Dos, Bogotá; several mv IDs, pop mx	F
710	0200	WOR	mv WOR tonight 7-10 WOR iHeart radio station	F
740	0201	CFZM	Toronto, ON; mv ID as Zoomer Radio, Theatre of the Mind with Johnny Dollar	W
760	0159	WJR	Detroit, MI; mv 7-60 WJR... Lions Radio	F
850	0200	WTAR	Norfolk, VA; mv Sports Radio 965 FM and 8-50 AM	W
860	0203	CJBC	Toronto, ON; mv nx in French with several Radio Canada's	F
900	0205	CHML	Toronto, ON; wv Global News Radio and ID after wx	W
910	0201	LR5	R La Red, Buenos Aires; mv La Red informativa, noticias	G
930	0200	CX20	R Monte Carlo, Montevideo; mv ID, jingle, wx	F
990	0203	??	R Mitre, Buenos Aires; Mitre fanfare, mv ID, wx	G
1000	0101	ZP36	R Mil, San Antonio; wv ID, ad for Universidad de la Integracion de las Americas	F
1050	0158	CX26	Rdif Nacional del Uruguay, Santiago Vázquez; px Departamento 20	W
1050	0158	WEPN	New York, NY; mv ESPN New York, Cardinals vs Nationals	W
1100	0059	WTAM	Cleveland, OH; mv Newsradio 11 hundred WTAM	G
1120	0201	CW31	R Salto, Salto; mv ID after fanfare	F
1180	0201	WHAM	Rochester, NY; mv Newsradio WHAM 11-80	W
1230	0101	LT2	Radio Dos, Rosario; wv temp for Rosario mv ID	W
1270	0200	CV127	R Cuareim, Artigas; mv 'ciento veinte cinco R Cuareim'	W
1280	0158	WADO	New York, NY; multi IDs in SS, legal call sign ID toth	G
1290	0202	CX38	Rdif Nacional del Uruguay, Santiago Vázquez; mv/wv with AM and FM freqs by region	F
1320	0159	ZYJ762	R Litoral, Imaruí; mv full ID, freq, city, state	F
1350	0158	LS6	R Buenos Aires; mv Buenos Aires informa..	F
1400	0204	CX140	R Zorilla de San Martín, Tacuarembó; mv several repetitions of Zorilla	W
1409.83	0155	OBU7A	R Corporación Wayra, Juliaca; mv several IDs, excited voice	F
1420	0157	WCOJ	Coatesville, PA; mv EWTN Global Catholic Radio Network	W
1460	0202	OAX7W	R Sol de los Andes, Juliaca; popped up with clear mv ID, Andean mx	F
1460	0359	WTKT	Harrisburg, PA; mv ID and Fox Sports	F
1510	0402	HCIO2	R Naval, Guayaquil; mv 23 horas dos minutos 0 segundos	F
1540	0206	KXEL	Waterloo, IA; local Iowa ads, ad for AARP.org	F
1560	0359	??	R Luz del Mundo, La Paz; mv Radio Luz del Mundo, Bolivia, rlg message	F
1590	0204	WARV	Warwick, RI; Tom Cantor Friendship with God px	W
1590	0206	WCGO	Evanston, IL; clear pop up mv WCGO Radio	W
1610	0254	CHHA	Toronto, ON; wv CHHA jingle and La Voz de la Comunidad	F
1620	0202	LU9	AM 16-20, Mar del Plata; wv 16-20 Mar del Plata	F
1630	0206	KCJJ	Iowa City, IA; mv KCJJ news and wx	F
1630	0405	KRND	Fox Farm, WY; mv La Jota Mexicana, tejano songs	W
1690	0354	WPTX	Lexington Park, MD; mv 16-90 AM WPTX, Carpenters song	F
1690	0405	WVON	Berwyn, IL; mv AM 16-90 WVON	W
1700	0403	KBGG	tent Des Moines, IA; mv all day every day on CBS Sports Radio	W
1710	0355	??	R Selva, San Justo; mv IDs and freq	F

VERIFICATIONS SECTION

✉ Kreuzstraße 4, 44532 Lünen, Germany

with Friedhelm Wittlieb e-mail: verifications@mwcircle.org (privat: wittlieb@web.de)

Station	kHz	A	B	C	who
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EUROPE

UNITED KINGDOM

Radio Seerah, Leicester	1575		non-data e-mail	1 d after f/up	MvA
BBC Radio Merseyside	1485		email	1d	RF
BBC Radio Cornwall	630		2 email (1 in Dutch)	2h/1d	RF
BBC Radio Guernsey	1116		email	1d	RF

AFRICA

DJIBOUTI

VOA Djibouti	1431		full data pdf verification	2 d	MvA
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BBC Radio Jersey - 1984 - 1026 kHz
by Friedbert Bruender

ASIA

SOUTH KOREA

VOA Jeju	1566		full data pdf QSL	2 d	MvA
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NORTH - AMERICA

CANADA

CJOB Winnipeg Manitoba	680		email	2h	RF
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Station	kHz	A	B	C	who
USA					
WDEA, Ellsworth, ME	1370		e-mail verification, photo and station logo	15 min	MvA
WWMI, Relevant Radio, Tampa, FL	1380		email-verification, e-card	2 h	MvA
WQOM Natick, MA	1060		full data	3 h	MvA
KCKK Littleton Colorado	1510		e-mail verification n/d email	1d	RF

SOUTH AMERICA

COLUIMBIA					
La Cariñosa, Barranquilla	1400		non data verification via Facebook	1 d	MvA
Eperanza Colombia Radio Medellín	1470		full detail e-mail verification	1 d	MvA



WSM Nashville, Tennessee - 1977 - 650 kHz
by Friedbert Bruender

Remarks:

min: minutes, h: hour, d: day, w: week, m: month, y: year

Contributors:

RF - Rein Faber, Sneek, The Netherlands **MvA** – Hoenderloo, The Netherlands;

Thanks to all who sent me their receipts

73, Friedhelm

Sheigra DXpedition Report

12th to 25th October 2019 - with Dave Kenny & Alan Pennington

This was the 58th DXpedition to Sheigra in Sutherland on the far north western tip of the Scottish mainland, just south of Cape Wrath. DXers made the first long drive up here in 1979, so this we guess, was the 40th anniversary? And the DXers who first made the trip to Sheigra in 1979 to listen to MW would probably notice little change here today: the single-track road ending in the same cluster of cottages, the cemetery besides the track towards the sea and, beyond that, the machair in front of Sheigra's sandy bay. And surrounding Sheigra, the wild windswept hillsides, lochans and rocky cliffs pounded by the Atlantic. (You can read reports on our 18 most recent Sheigra DXpeditions on the BDXC website here: <http://bdxc.org.uk/articles.html>)

Once again we made Murdo's traditional crofter's cottage our DX base. From here our long wire Beverage aerials can radiate out across the hillsides towards the sea and the Americas to the west and north west, and eastwards towards Asia, parallel to the old, and now very rough, peat track which continues on north east into the open moors after the tarmac road ends at Sheigra.

We were fortunate to experience good MW conditions throughout our fortnight's stay, thanks to very low solar activity. And on the last couple of days we were treated to some superb conditions with AM signals from the west coast of Canada and the US being audible until almost midday, with signals from the Far East fading in as early as around 1100 – the earliest we can ever recall hearing Japan on MW! On this occasion we only put up 3 Beverages, although given the conditions, can only begin to imagine what we might have heard, had we put up that fourth beverage towards Alaska! As in 2017, we added a EWE aerial at the back of the cottage, using two flexible fibreglass windsock poles, used for occasional shortwave reception or as an extra MW aerial which we could move around to alter its directivity. All our logs are made in real time using AOR 7030plus receivers. We record onto mini disc which have an advantage of having a 12 second built in pre-recording delay so you never miss recording an ID - you only have to press record after the ID and the previous 12 seconds are already recorded.

There's always something new to hear and we were pleased to log a few more "Sheigra firsts": not necessarily the first time these stations have been logged in the UK, but the first time according to Tony Rogers' comprehensive records, that these stations have been logged on the many Sheigra DXpeditions. This included a few US daytimers and even one low power emergency information station, AGREM, in Pennsylvania on 1670 kHz.



On our last visit in 2017 there was some slight "clicking" interference from a nearby electric fence, but this was not connected for most of our stay this year and even when it was, it could barely be detected even on the Asian wire which runs close by. There were occasional bursts of electrical interference lasting for a few minutes at a time, which seemed to be coming in on the mains, we never located the source but it was only noticeable occasionally on weak signals.

The Caribbean/Latin America aerial which usually works really well, was behaving very oddly this year, hardly anything was heard on it and we might as well not have bothered with it. We regularly measure the resistance of the aerials at the cottage to check for any breaks in the wires: usually the readings are stable unless there is an actual break. Initially the Caribbean wire was measured correctly, but after a couple of days its resistance changed to several kΩ and then later changed to indicate a positive current on the wire! We eventually found the new copper earth rod from Screwfix was the problem. After a few days it showed signs of rust in the damp peaty soil so it seems to be constructed not just of copper but of two types of metal which are reacting to prevent it earthing properly. Anyhow it's clearly unfit for purpose and we will revert to using salvaged copper pipes for earthing in future.

The weather was mild during our first week when there was some glorious sunshine with the temperature peaking at 14°C one afternoon. The second week was a lot windier with some heavy rain at times and overnight temperatures down to 2 degrees overnight and gales at the end of the week. Taking down the North American aerial on the exposed high ground on the last day in a Force 8 gale was no fun!

We saw (and heard) red deer (3 does and a large stag) overnight from Day 1, especially on the hillside to the north, above our cottage. Fortunately they caused little damage to our wire aerials this time. After evidence of deer maybe running into one wire on our first night, there was no more damage to wires until our last night when several breaks in the wire were discovered in the morning, we put this down to the very strong gusts of wind overnight, not the deer though.

Right: our North American aerial near to the cliff tops.



<u>Receivers</u>	Alan Pennington	AOR AR 7030 Plus and Palstar pre-amp
	Dave Kenny	AOR AR 7030 Plus and tuneable pre-amp

Aerials (long-wire Beverages use 7-strand 0.2mm wire supported on 4-5ft bamboo canes)

No 2 - 300 degrees	500m Beverage - terminated	North America
No 3 - 50 degrees	500m Beverage - terminated	Far East & SE Asia
No 4 - 260 degrees	500m Beverage - terminated	Caribbean, Central & South America
No 1 - 160 deg	EWE	UK, Africa & general SW DX

Stations logged at Sheigra for the first time are highlighted in bold.

AFRICA

1431	2025	15/10	VOA, Djibouti	VOA French, @ 2030 South Sudan Today in EE
1530	2040	15/10	VOA, Sao Tome	VOA Africa Service // 4930, African mx, EE ID

ASIA / MIDDLE EAST

567	1536	16/10	AIR Dibrugarh, India	AIR news in English // 5040, 918 etc
567	1629	17/10	Lao National R, Vientiane (pres)	YL reading out list in Lao, off at 1630.
576	1530	20/10	Myanma R, Yangon, Myanma	English, ID, news, 'Music at your request' //5985
585	1634	13/10	R Pakistan, Islamabad	ID, special report on the Kashmir issue. EE
594	1543	20/10	R Myanmar, Naypyidaw	EE mx // 5985, 576
594	1638	13/10	AIR Chinsurah, India	Akashvani ID, nx in pres Bengali
603	1650	13/10	CRI, Dofang, China	CRI Vietnamese // 7315. CC/Viet language lesson
612	1630	13/10	TWR, Bishkek, Kyrgyzstan	TWR ID, into pres Uzbek (new Silk Road tx)
621	1625	15/10	AIR, Patna, India	play, cast, ID "Yeh Akashvani Patna hai"
675	1534	20/10	V of Vietnam, My Hao	YL nx in Vietnamese
702	1530	22/10	VIRI, Kiashahr, Iran	Nx in pres Azeri (ext service)
711	1506	13/10	V of Kuanghuo, Hsinfeng, Taiwan	News, CC //981 kHz
711	1600	20/10	R Pakistan, Dera Ismail Khan	Nx EE // 585
738	1505	13/10	Xinjiang PBS, Hutubi, China	CC talks // 5960, 7260
738	1535	14/10	Yuyeh (Fisheries) BS, Taiwan	EE nx // 1143 (underneath Xinjiang PBS)
747	1355	15/10	NHK 2, Sapporo, Japan (JOIB)	NHK World in Portuguese, EE lesson at 1400
747	1540	13/10	AIR, Lucknow, India	YL nx in EE // 918 etc
756	1512	22/10	CNR1, multi-sites, China	interview CC //4800 kHz SW
774	1450	15/10	NHK 2, Akita, Japan (JOUB)	Int signal chimes, off at 1445.

783	1630	22/10	Hebei PBS, China	//1278
783	2115	12/10	R Damascus, Tartus, Syria	AA mx, ID
801	1538	16/10	AIR Jabalpur, India	AIR nx EE // 5040, 918 etc
819	1520	20/10	KCBS, Pyongyang, DPRK	N Korean orchestral mx // 6100
819	1720	20/10	AIR Delhi, India	Indian song //4810 kHz
837	1704	13/10	CNR5 Quanzhou, Fujian, China	ann website, slogan CC. -1705*
873	1636	20/10	AIR Jalandhar, India	Indian music //747, 4810
918	1539	13/10	AIR, Suratgarh, India	YL nx in EE // 5040 etc
918	1600	17/10	Nat R Kampuchea, Phnom Penh	Khmer talks, mx, s/off anthem 1701
927	1710	13/10	AIR, Visakhapatnam, India	Indian music //918
927	1635	16/10	NHK World R via Dushanbe	nx in Farsi, several NHK World IDs
945	1629	13/10	CNR1 Jiaohe, China	CC //4800 kHz
945	1712	13/10	AIR, Sambalpur, India	Indian music //918
954	1209	23/10	TBS R, Tokyo, Japan (JOKR)	“TBS Radio” mention in Japanese talk.
954	1714	13/10	AIR, Najihabad, India	Indian music //945 kHz (under Czech)
972	1504	15/10	KBS, Dangiin, South Korea	YL in Korean, “KBS” ID, then film news.
981	1506	13/10	Vo Kuanghua, Hsinfeng, Taiwan.	CC, mentions of Taiwan //711 kHz
990	1700	19/10	AIR Jammu (Kashmir), India	Sitar recital // 648, 918
1008	1620	16/10	RTI, Lukang, Taiwan	RTI Chinese mx, talk // 6075, 6145
1017	1540	22/10	CRI, Changchun, China	Korean, language lesson //1323
1071	1640	21/10	AIR Rajkot, India	OM in Urdu – external service.
1080	1510	16/10	CRI, Kunming, China	CRI Lao service // 7260, 9785
1098	1520	17/10	CNR 11, Golmud, China	Tibetan service // 7350
1098	2113	15/10	CNR 1, Golmud, China	CC songs // 4800 kHz
1134	1559	15/10	NCB, Tokyo, Japan (JOQR)	JJ talk // 1287 (overnight network px)
1134	1600	15/10	KBS, Hwaseong, S Korea	light mx, ID “KBS.... HLKC”
1143	1520	14/10	Yuyeh (Fisheries) BS, Taiwan	EE nx rpts to 1540 // 738, Indonesian to 1600
				//738 ‘bought to you by the fisheries agency’
1188	1800	17/10	R Payam, Tehran, Iran	Nx in Farsi
1206	1550	15/10	Yanbian RGD, Longjing, China	Korean ID “Yanbian Pangson”, anthem, off 1603*
1206	1530	17/10	AIR, Bhawanipatna, India	AIR news in EE
1224	1500	16/10	Guangxi PBS, multi site, China	“Guangxi Guangbo Dianshitai”
1260	1700	23/10	R Pakistan, Peshawar	R Pakistan news in Urdu // 585
1278	1559	22/10	RKB, Fukuoka, Japan (JOFR)	YL with “RKB” ID then time pips at 1600 UTC.
1278	1635	22/10	Hebei PBS, China	//783
1278	1700	15/10	IRIB Kermanshah, Iran	“Radyo Kermanshah” ID, light mx
1287	1559	15/10	HBC R Sapporo Japan (JOHR)	JJ pop px, “HBC Radio”, “HBC Radiko” sung
jingle				
1296	1715	15/10	VOA, Kabul, Afghanistan	YL with ID: “VOA Dari”.
1323	1512	16/10	CRI, Hutubi, Xinjiang, China	CRI EE // 7205
1323	1540	22/10	CRI, Huadian, Jilin, China	CRI Korean, language lesson //1017
1350	2000	14/10	DWUN, Quezon City, Philippines	“UNTV...Radio La Verdad” ID
1359	1605	22/10	CNR 1, multisite, China	CC song // 4800 kHz SW
1377	2134	12/10	CNRI Henan, China	CC songs // 4800 kHz
1422	1535	17/10	CRI, Kashgar/Kashi, China	CRI Urdu service, talks // 9435
1440	1450	15/10	STV R, Sapporo, Japan (JOWF)	JJ talk ‘STV’ ID
1467	1620	17/10	TWR via Bishkek, Kyrgyzstan	TWR in Pashto/Dari, TWR Int Sig 1630
1476	1700	20/10	R Asia, Ras-al-Khaimar, UAE	chimes, EE ad for auto spares “across the UAE”.
1512	2105	15/10	IRIB Ardabil, Iran	YL talk in Farsi, orch music // 711
1512	1608	22/10	Jinan PBS, Shandong, China	“Gushi guangbo” IDs
1539	1710	14/10	CNR1 Golmud, China	CC over music //4800 kHz
1557	1500	13/10	RTI Kouhu, Taiwan	4x time pips, Taiwan mentioned. CC
1566	2110	15/10	HLAZ, Jeju, S Korea	Talks in Korean (pres FEBC)
1575	1630	14/10	VOA, Bangkok, Thailand	VOA Bengali – ‘phone in



NORTH AMERICA

540	2259	14/10	CBT	Grand Falls	NL	"CBC Radio 1, 1400 in Gander"
550	0900	24/10	WSAU	Wassau	WI	"WSAU Wassau, WSAU-FM.Stevens Point...Wisconsin Rapids.." Fox news 'on air, online & on your mobile WGAN' chimes, ID in Greenlandic & Danish rock mx // VOXM 590
560	0638	17/10	WGAN	Portland	ME	"Let's talk about Jesus....WMCA"
570	0830	15/10	KNR	Nuuk, Greenland		Coast2Coast, "Newstalk 580" ID, WEZE ID, 'Just Thinking' Ravi Zacharias 'The Magic 590 100.5 wake-up weather..'
570	2200	13/10	CFCB	Corner Brook	NL	nx, wx "..on news radio 600 WMT"
570	0800	17/10	WMCA	New York	NY	"Christian talk 600 WSNL", wx
580	0658	13/10	CFRA	Ottawa	ON	"news radio 6-10 WIOD" Coast2Coast rock mx // VOXM 590
590	0900	22/10	WEZE	Boston	MA	'6-30 WBMQ Savannah' legal ID & jingle
590	0919	22/10	WROW	Albany	NY	"CFMJ Global News Radio 640 Toronto"
600	0700	21/10	WMT	Cedar Rapids	IA	CBC R1 news // 1400
600	0729	21/10	WSNL	Flint	MI	"country music...right here on WSM" chimes, ID // 570
610	0731	15/10	WIOD	Miami	FL	VOXM nx & wx
620	2202	13/10	CKCM	Grand Falls	NL	WFAN 20/20 sports jingle
630	0658	16/10	WBMQ	Savannah	GA	"KFAR 97.5FM 660AM the heartbeat of Alaska"
640	0759	22/10	CFMJ	Richmond Hill	ON	"WWFE 6-70 AM, Miami" then SS ID
640	2202	13/10	CBN	St Johns	NL	"Chicago's sports radio - 670 The Score" ads, "The Voice of Boston"
650	0735	20/10	WSM	Nashville	TN	traffic, "680 News" then Toronto weather
650	0830	15/10	KNR	Qeqertarsuaq, Greenland		"that's the weather forecast on 680 CJOB"
650	0737	15/10	CKGA	Gander	NL	"its 8 o'clock the news from KBRW"
660	0638	16/10	WFAN	New York	NY	'zoom in a quiz on TSN 690' sports talk
660	1126	23/10	KFAR	Fairbanks	AK	"News Radio 700 WLW", weather
670	0702	16/10	WWFE	Miami	FL	"WOR newstime is two-oh-three"
670	0925	23/10	WSCR	Chicago	IL	"Your VOXM weather for St Johns"
680	0610	16/10	WRKO	Boston	MA	sports on 720 WGN & WGNradio.com
680	0642	16/10	CFTR	Toronto	ON	Man in Greenlandic, over WGN
680	0728	23/10	CJOB	Winnipeg	MB	"Radio Circulation", French
680	1559	23/10	KBRW	Barrow	AK	"original greatest hits, Zoomer Radio"
690	0649	17/10	CFGM	Montreal	QC	Elton John rcd, VOXM ID.
700	0602	16/10	WLW	Cincinnati	OH	"95.5 WSB, Atlanta's News & Talk"
710	0603	16/10	WOR	New York	NY	CBC R1, nx // 1400
710	0730	18/10	CKVO	Clareville	NL	rel px, full s/off ann 2214 (daytimer)
720	0633	16/10	WGN	Chicago	IL	'760 WJR..where Detroit comes to talk'
720	0832	24/10	KNR	Simiutaq, Greenland		"77 - WABC", your discount code: WABC
730	0811	13/10	CKAC	Montreal	QC	traffic, "News Radio 7-80" then weather
740	0541	16/10	CFZM	Toronto	ON	'tune in Fridays at 6pm on 790 WTNY'
740	0755	17/10	CHCM	Marystown	NL	"AM 790 and 104.3 FM The Ticket"
750	0923	21/10	WSB	Atlanta	GA	"WPRV Providence, a Cumulus station"
750	2203	13/10	CBGY	Bonavista Bay	NL	'access AM 800 CKLW on...iHeart Radio'
760	2213	13/10	WCHP	Champlain	NY	"It's the drive home on VOWR radio"
760	0547	16/10	WJR	Detroit	MI	ID inc 93.9 FM & wync.org then news
770	0655	16/10	WABC	New York	NY	"...favourite radio station Funny 820"
780	0708	16/10	WBBM	Chicago	IL	"here on full service(?) radio 830 WCRN"
790	0730	17/10	WTNY	Watertown	NY	"News radio 840 WHAS"
790	0818	15/10	WAXY	South Miami	FL	"on 8-40 CFCW", country mx
790	2259	20/10	WPRV	Providence	RI	"...on AM 850 WEEI Boston....ESPN"
800	0928	21/10	CKLW	Windsor	ON	FF talk ID "Ici Radio Canada" // 1550
800	2140	15/10	VOWR	St Johns	NL	"The Big 8-70 1053 WWL-FM & wwl.com"
820	2159	13/10	WNYC	New York	NY	"CBS News Radio 8-80"
820	0750	15/10	CHAM	Hamilton	ON	
830	0715	16/10	WCRN	Worcester	MA	
840	0831	15/10	WHAS	Louisville	KY	
840	1119	23/10	CFCW	Camrose	AB	
850	0759	15/10	WEEI	Boston	MA	
860	0806	17/10	CJBC	Toronto	ON	
870	0745	18/10	WWL	New Orleans	LA	
880	0532	16/10	WCBS	New York	NY	

890	0706	17/10	WLS	Chicago	IL	"Chicago's news and talk WLS AM 8-90"
890	2130	20/10	WAMG	Dedham	MA	Spanish pop, "La Mega" //webstream
900	0725	17/10	CHML	Hamilton	ON	'exclusively on 900 CHML' Mountain Tires.
920	0758	16/10	WDMC	Melbourne	FL	WDMC 920AM your Catholic radio station
920	0938	21/10	CKNX	Wingham	ON	"Buzz Reynolds morning show on CKNX"
930	0744	16/10	CFBC	St John	NB	Country mx, "Nine Three CFBC"
940	2230	21/10	WKGM	Smithfield	VA	"..your ministry station 940 WKGM"
950	2305	14/10	CKNB	Campbellton	NB	"...your community station 95 CKNB"
950	0920	24/10	WWJ	Detroit	MI	"24 hour traffic centre, WWJ ..9.50"
950	1059	23/10	KJR	Seattle	WA	ID, ad for Pacific Power Batteries.
960	2210	13/10	WEAV	Plattsburgh	NY	"The Zone", 960thezone.com, sports
970	2228	13/10	WZAN	Portland	ME	ESPN Radio, 'Football Frenzy'
980	0653	15/10	CHRF	Montreal	QC	"...AM 9-80...classique & melodique"
990	0645	15/10	WTLN	Orlando	FL	"AM 990 and FM 101.5 The Word"
990	0835	16/10	CBY	Corner Brook	NL	"CBC Newfoundland Morning" px
1000	0645	15/10	KOMO	Seattle	WA	"weather from the KOMO forecast team"
1000	0859	14/10	WMVP	Chicago	IL	'ESPN one thousand on WMVP Chicago'
1010	0747	16/10	WINS	New York	NY	"Ten Ten Wins Sports"
1010	2244	13/10	CFRB	Toronto	ON	traffic, "Newstalk Ten Ten", Tech Talk px
1020	0806	14/10	KDKA	Pittsburgh	PA	w "on 10-20 KDKA ... Red Eye Radio"
1030	2250	13/10	WBZ	Boston	MA	ads, "WBZee traffic on the threes"
1030	0907	15/10	UNID			'Adventures in Odyssey' px. KCTA Corpus Christi TX?
1040	0804	18/10	WHO	Des Moines	IN	"News Radio 10-40, W-H-O".
1040	2255	20/10	WCHR	Flemington	NJ	'..listening to.. Flemington'. US Radio nx
1040	2302	15/10	WURN	Miami	FL	Spanish, EE ID "This is WURN...Florida, covering the Florida Keys to the.."
1050	0700	15/10	CHUM	Toronto	ON	"C-H-U-M AM Toronto is TSN 10-50"
1050	0659	21/10	WEPN	New York	NY	'NY Islanders hockey, WEPN New York'
1060	2150	15/10	WQOM	Natick	MA	'1060 AM WQOM Natick, New England'
1070	0839	15/10	CHOK	Sarnia	ON	"CHOK 1039 FM & 10-70 AM serving Sarnia Lambton & eastern Michigan"
1080	2258	13/10	WTIC	Hartford	CT	'WTIC Newstalk 10-90 AM', tc 7 o'clock
1090	2301	13/10	WBAL	Baltimore	MD	'News Radio 10-90 AM'
1100	2257	13/10	WTAM	Cleveland	OH	"on WTAM Eleven Hundred"
1110	2255	14/10	WBT	Charlotte	NC	"Carolina Panthers Radio Network"
1120	0759	14/10	KMOX	St Louis	MO	Red Eye Radio "...voice of the Cardinals"
1120	2333	20/10	WBNW	Concord	MA	clear ID "WBNW" then lost in mush
1130	2147	15/10	WBBR	New York	NY	Bloomberg Radio & TV. Financial px.
1130	1110	23/10	CKWX	Vancouver	BC	"Vancouver's news 11-30"
1130	2256	23/10	WDFN	Detroit	MI	"Detroit's sports headlines...on WDFN"
1140	2303	14/10	CBI	Sydney	NS	CBC News, 2304: Cape Breton weather
1140	1000	23/10	CHRB	High River	AB	"S Alberta's community radio station AM 1140"
1140	2257	23/10	WQBA	Miami	FL	SS talks "TUDN Radio" ID (pres WQBA)
1150	0704	19/10	WHBY	Kimberley	WI	'..weekday afternoons at 1 on WHBY'
1150	0820	16/10	CKOC	Hamilton	ON	ads "on TSN 1150 Hamilton"
1160	0700	19/10	WYLL	Chicago	IL	"AM 1160, Hope for Your Life" then ID.
1160	0716	15/10	WSKW	Skowhegan	ME	"Legacy 11-60, WSKW" now oldies format
1160	0805	23/10	KSL	Salt Lake City	UT	wx "from the KSL weather centre"
1170	0631	15/10	WWVA	Wheeling	WV	"News Radio 11-70, WWVA"
1180	2240	14/10	WHAM	Rochester	NY	ads "News radio Wham 11-80"
1190	0620	15/10	WLIB	New York	NY	promo "right here on WLIB"
1190	0930	16/10	WOWO	Fort Wayne	IN	"This is Fort Wayne's breaking news and weather authority..107.5 & wowo.com"
1200	0804	20/10	WOAI	San Antonio	TX	"News Radio 1200, WOAI", weather.
1200	2321	14/10	WXKS	Newton	MA	Boston's top Twelve Hundred
1210	0700	18/10	VOAR	Mt Pearl	NL	"the VOAR Christian family radio network"
1210	0706	18/10	WPHT	Philadelphia	PA	"? Radio 12-10 WPHT", Coast2Coast px.
1220	0728	18/10	WHKW	Cleveland	OH	"...here on AM 1220 and 1440 The Word"
1230	0850	17/10	WCMC	Wildwood	NJ	oldies, ID "new 93.1 classic oldies WMID"

1240	0700	20/10	WGBB	Freeport	NY	'WGBB AM1240..Freeport.. Chinese radio'
1250	0634	13/10	CJYE	Oakville	ON	"..CJYE Joy Radio & CJMR 13-20"
1250	0922	20/10	WPGP	Pittsburgh	PA	'Mike Gallagher...AM 1250 The Answer'
1250	0930	20/10	WTMA	Charleston	SC	"AM 1250 & WTMA.com" Hurricane guide
1250	2305	23/10	WGAM	Manchester	NH	"WGAM...rock 'n roll..now on 103.5 FM'
1260	2227	24/10	WBIX	Boston	MA	Portuguese, "Nossa Radio" ID
1270	0849	18/10	WXYT	Detroit	MI	'CBS Sports Radio 12-70' 0856: legal ID
1270	2130	12/10	CJCB	Sydney	NS	"..Cape Breton's ?? on CJCB"
1270	2245	22/10	WTSN	Dover	NH	promo for Steve ?? "1-3pm on WTSN"
1280	0727	19/10	WNAM	Neenah-Menasha	WI	"America's best music, 12-80 WNAM"
1280	0900	17/10	WADO	New York	NY	SS ads, EE ID "WADO AM New York"
1280	1003	21/10	WWTC	Minneapolis	MN	"AM 1280 patriot.com" wx
1290	2238	14/10	CJBK	London	ON	"...show on Newstalk 12-90, CJBK"
1290	0956	20/10	WNBF	Binghamton	NY	Red Eye R. 'News radio 1290 WNBF'
1290	1000	21/10	WKBK	Keene	NH	"941, 1290 WKBK Keene" CBS news
1290	0830	21/10	WHIO	Dayton	OH	"1290, 957 WHIO - Dayton's news & talk"
1300	0810	16/10	WJMO	Cleveland	OH	for more inspiration..PraiseCleveland.com
1300	0810	21/10	KGLO	Mason City	IA	"Thirteen hundred KGLO", Coast To Coast
1300	0845	21/10	WXRL	Lancaster	PA	"WXRL.... The best in country"
1300	0915	14/10	WOOD	Grand Rapids	MI	5-day forecast, "Wood Radio"
1310	2210	14/10	CIWW	Ottawa	ON	"...Ottawa's home for informed talk"
1310	2250	17/10	WLOB	Portland	ME	"..Portland's new FM 100.5 and AM 1350"
1320	0627	14/10	CJMR	Mississauga	ON	'Overnite on CJYE Joy Radio & CJMR 1320'
1320	0900	21/10	WILS	Lansing	MI	"talk radio for the capital city...1320 WILS"
1320	0955	21/10	KOZY	Grand Rapids	MN	"the good times, 1320 KOZY", oldies
1330	0645	13/10	WRCA	Watertown	MA	"This is Bloomberg 106-1" Global news
1340	0812	18/10	WMID	Atlantic City	NJ	WMID.. all your back in the day favorites
1350	2157	15/10	WOYK	York	PA	"sports radio 98.9 FM & 1350 AM WOYK"
1350	2153	15/10	WHWH	Princeton-Trenton	NJ	SS relig "escucha 13-50 AM La Familia"
1360	2255	15/10	WDRG	Hartford	CT	Fox nx "WDRG...the talk of Connecticut"
1370	0702	13/10	WTAB	Tabor City	NC	"We're AM 13-70 WTAB Tabor City..."
1370	0708	13/10	WDEA	Ellsworth	ME	'Boston Redsocks radio, AM1370 WDEA'
1380	0728	13/10	CKPC	Brantford	ON	"CKPC 14-80" country music.
1380	0734	13/10	WPHM	Port Huron	MI	'local source for news, talk & sports 1380 WPHM'
1380	0958	23/10	KRKO	Everett	WA	"..songs that are great to sing, KRKO Everett"
1390	0849	14/10	WFBL	Syracuse	NY	103.7 103.9, Dinosaur Radio on Facebook
1390	0800	21/10	WLCM	Holt	MI	"right here on Victory 1390 AM, WLCM".
1390	0750	21/10	WGRB	Chicago	IL	"your inspiration station...inspiration 1390"
1390	0924	23/10	WRIG	Schofield	WI	"Fox spors radio AM 1390 and FM 93.9"
1400	0825	20/10	WOND	Pleasantville	NJ	"traffic in South Jersey..1400 WOND"
1400	2059	12/10	CGB	Gander	NL	CBC Gander promo, CBC R1 news
1410	0847	14/10	WTOP	Hartford	CT	Newsradio 1410 WTOP, now on 100.9FM
1410	1101	23/10	CFTE	Vancouver	BC	"BNN Bloomberg Radio on 1410 & 103.5"
1420	0838	14/10	WHK	Cleveland	OH	with Bloomberg overnight
1420	2127	14/10	CKDY	Digby	NS	country music "on 14-20 CKD"
1430	0859	16/10	WENE	Endicott	NY	"Fox sports radio 1430 Binghamton"
1430	0900	23/10	CHKT	Toronto	ON	"This is AM 1430 CHKT Toronto" Chinese
1440	0755	24/10	WRED	Westbrook	ME	sports, "The Big Jab" slogan
1440	0856	14/10	WHKZ	Warren	OH	'WHKW W245CY/Cleveland WHKZ Warren'
1440	1000	24/10	WMAX	Bay City	MI	"1440 WMAX Bay City", rel talk
1450	0747	14/10	WPGG	Atlantic City	NJ	'95.5 FM & 14-50AM WPGG Atlantic City'
1460	0755	19/10	CJOY	Guelph	ON	rock mx & IDs "14-60 CJOY"
1460	0845	16/10	WHIC	Rochester	NY	Catholic prgs "station of the cross"
1460	2300	17/10	WOPG	Albany	NY	Bishop: "WOPG 14-60, WOPG-FM 89.9"
1470	2200	14/10	WLAM	Lewiston	ME	"the memories station 1470 WLAM", Elvis
1470	1031	21/10	WQXL	Columbia	SC	promo: "right here on The Point"
1470	0934	23/10	KYYW	Abilene	TX	"Abilene's news, talk & weather station"
1480	0726	24/10	WDJO	Cincinnati	OH	"995 & 1079, WDJO", oldies
1480	0851	15/10	WGVU	Kentwood	MI	"Real Oldies 1480 & 850"

1480	0940	23/10	WLMV	Madison	WI	'1480 AM y 94.5 FM.. La Movida' Spanish
1480	2230	14/10	WSAR	Fall River	MA	promo/ID "we are WSAR Fall River"
1490	0759	13/10	WBSS	Pleasantville	NY	"...here on AM 1490 sports betting radio"
1490	2139	14/10	WBAE	Portland	ME	'The Bay your home for easy favorites'
1500	0815	15/10	WFED	Washington	DC	nx reports, "Federal news radio"
1500	2200	17/10	WFIF	Milford	CT	"Live hour with Life Changing Radio"
1510	0810	19/10	KCKK	Littleton	CO	promo/ID "15-10 AM The Rock", mx
1510	0733	14/10	WLAC	Nashville	TN	"Fox radio 98.3 and 1510 WLAC"
1510	2223	17/10	WFAI	Salem	NJ	"right here on Faith 15-10"
1520	0620	13/10	WWKB	Buffalo	NY	"Buffalo's home for.....ESPN 1520"
1530	0835	16/10	WCKY	Cincinnati	OH	"Sports Radio 92 ESPN Radio", local ads
1540	0927	13/10	KXEL	Waterloo	IA	'the voice of eastern Iowa, 15-40 KXEL'
1540	2057	20/10	WXEX	Exeter	NH	jingle then "921 & 971 Seacoast Oldies"
1550	0808	17/10	CBEF	Windsor	ON	Radio Canada FF talk // 860
1560	0758	17/10	WFME	New York	NY	"Family Radio, WFME New York"
1570	0757	17/10	CJLV	Laval	QC	FF talk, ID "cjl.com... CJLV Laval"
1570	2140	19/10	WHGB	Methuen	MA	Hrd 2320 on 22/10 with Spanish rel px
1580	0630	17/10	CKDO	Oshawa	ON	K-Love promos, fundraising (pres WHGB)
1590	0805	24/10	KVGB	Great Bend	KS	Tommy James rcd 'Durham's Classic Hits'
1590	0934	21/10	WCGO	Evanston	IL	promo "...holidays, KVGB", weather
1590	2230	16/10	WARV	Warwick	RI	"WCGO radio 1590 AM and 959 FM"
1600	0801	19/10	KLEB	Golden Meadow	LA	"Life changing radio: WARV"
1600	0859	15/10	WAAM	Ann Arbor	MI	ID "The Rajun' Cajun 16-00 AM KLEB"
1600	2255	20/10	WUNR	Brookline	MA	"...honest, unbiased - Waam Radio"
1610	2205	23/10	CHRN	Montreal	QC	"WUNR Brookline" EE ID. SS px.
1610	2258	13/10	CHHA	Toronto	ON	sung jingle, 'Radio Humsafar' mention
1620	1005	24/10	WTAW	College Station	TX	SS ID "CHHA 16-10 AM"
1630	0657	13/10	KCJJ	Iowa City	IA	Fox nx "College Station..WTAW..weather"
1630	0718	24/10	KKGM	Fort Worth	TX	KCJJ events, weather
1630	0750	24/10	KRND	Fox Farm	WY	"..vital facts...God...KKGM"
1640	0726	14/10	WTNI	Biloxi	MS	Mexican music, "La Jota Mexicana"
1640	0800	18/10	WSJP	Sussex	WI	"classic country 103.5 The Possum"
1650	2200	23/10	CKZW	Montreal	QC	"Relevant Radio 1640 AM and 100.1 FM"
1650	2255	22/10	WHKT	Portsmouth	VA	'Montreal Christian Radio CKZW 1650AM'
1650	2307	16/10	CINA	Mississauga	ON	"Praise One Oh Four Nine" promo
1660	2259	16/10	WQLR	Kalamazoo	MI	ads, "serving the South Asian community"
1660	0856	21/10	WBCN	Charlotte	NC	"1660 The Fan...WQLR Kalamazoo"
1660	2100	20/10	WWRU	Jersey City	NY	"Fox Sports Radio Charlotte"
1670	0700	22/10	WOZN	Madison	WI	Korean, EE ID "WWRU Jersey City New York"
1670	2250	16/10	CJEU	Gatineau	QC	"Madison's Sports Talk station, The Zone"
1670	2100	16/10	wqwc⁹⁴⁶	Avon Grove	PA	Mx "ici Radio Jeunesse au monde"
1680	0704	13/10	WOKB	Winter Garden	FL	"Welcome to Agrem 16-70" & traffic nx
1680	2218	23/10	WTTM	Lindenwold	NJ	"Gospel 16-80" ID
1680	0648	24/10	KRJO	Monroe	LA	YL "Tu DN Radio", SS sports.
1680	1118	21/10	UNID			"that's where we come in: 99.7 My FM"
1690	0720	13/10	WPTX	Lexington Park	MD	US political talk, briefly fair strength, no ID.
1690	2301	13/10	CHTO	Toronto	ON	"the music you love...1690 AM WPTX"
1700	0737	21/10	KBGG	Des Moines	IA	Greek mx "CHTO AM 1690 Toronto"
1700	0800	17/10	KKLF	Richardson	TX	"1700 - The Champ, Real sports talk..."
1700	2200	17/10	WRRCR	Ramapo	NY	Mexican mx, "KKLF AM 1700 Richardson"
						"AM 17-00 WRRCR Ramapo", local nx

CENTRAL AMERICA & THE CARIBBEAN

550	0742	17/10	R Rebelde,	Pinar del Rio,	Cuba	SS ballad //5025 kHz SW
560	0725	13/10	R Rebelde,	Ciego de Avila,	Cuba	jazz // 5025
570	0824	16/10	R Reloj,	Santa Clara,	Cuba	ticking clock, "RR" ID in morse
580	0728	25/10	WKAQ,	San Juan,	Puerto Rico	long ID "W-A-K-Q cinco ochenta..."
590	0935	22/10	La Mas Caliente,	Mexico		ID "La Mas Caliente 590" between rcds
600	0647	17/10	R Rebelde,	San Germán,	Cuba	slow ballad //610 5025 etc

610	0725	13/10	R Rebelde, multi-site, Cuba	jazz // 5025
620	0625	16/10	R Rebelde, Colon, Cuba	in Spanish // 5025 SW
630	0734	15/10	WUNO, San Juan, Puerto Rico	SS talk, "NotiUno" ID
640	0807	15/10	R Progreso, 2 sites, Cuba	"Radio Progreso – 90 anos en el dial"
660	0850	19/10	R Progreso, Jovellanos, Cuba	Slow ballad // 640 kHz co-ch WFAN
670	0725	13/10	R Rebelde, multi sites, Cuba	jazz // 5025
710	0728	13/10	R Rebelde, Chambas/multi-site, Cuba	jazz // 5025
760	0801	25/10	WORA NotiUno, Mayaguez, Puerto Rico	NotiUno ID with freqs, "y notiuno.com"
790	0813	16/10	R Reloj, 2 sites, Cuba	ticking clock, "RR" ID in morse
800	2307	22/10	TWR, Kralendijk Bonaire	'Caribbean Word for Today' TWR360 app.
870	0738	25/10	R Reloj, multi-site, Cuba	time ticks, OM in SS, "Radio Reloj" ID
900	0759	16/10	R Progreso, San German, Cuba	usual Radio Progreso top of hour ID.
940	0750	16/10	XEQ La Ke Bueno, Mexico	"La Ke Bueno AM 9-40" Latin music.
970	0758	24/10	XERFR R Formula, Mexico	Full SS ID "XERFR...970 AM"
1060	0935	24/10	XEEP R Educación, Mexico	".96.5FM..emisorade Radio Educación"
1180	0739	19/10	R Rebelde, multi-site, Cuba	SS ballad //5025 kHz.
1350	0701	25/10	WEGA Candelita 7, Vega Baja, PR	"W-E-G-A..Puerto Rico...Candelita Siete"
1400	2156	14/10	Harbour Light of Windwards, Carriacou	rel, BBC News, local wx, tides, sunset time
1480	0745	25/10	WMDD Fajardo, Puerto Rico	mx "El 14-80" multiple IDs
1510	0840	18/10	XEPBGR Origin R, Guadalajara, Mex	mx, several IDs "Origin Radio"
1530	0835	16/10	XEUR Extasis Digital, Mexico	ID "15-30 AM Extasis ..."
1540	0900	25/10	ZNS1 R Bahamas, Nassau, Bahamas	YL 'Radio Bahamas'...'Voice of Bahamas'
1570	0859	24/10	XERF La Poderosa, Mexico	SS talk, "por La Poderosa"
1550	0708	24/10	R Rebelde, multi-site, Cuba	OM with multi-site echo, mx //5025 kHz
1620	0724	13/10	R Rebelde, multi-site, Cuba	jazz // 5025
1660	0744	25/10	WGIT, Canóvanas, Puerto Rico	"RadioFaro de Santidad..."

SOUTH AMERICA

550	0726	25/10	R Nacional de Colombia, Medellin	YL with mentions of R Nacional Colombia
600	0812	22/10	HJHJ Barranquilla, Colombia	local mx, DJ "en Barranquilla, Colombia"
680	0758	25/10	RCN, R Nac de Colombia Bogota	SS talks "Radio Nacional de Colombia" ID 0800
760	0805	25/10	RCN, Barranquilla, Colombia	YL inc "RCN Radio" IDs //770
770	0804	25/10	RCN, Bogota, Colombia	time check, YL inc "RCN Radio", //760
850	0826	25/10	Candela, Bogota, Colombia	clear "Candela" ID in music mix.
980	2122	19/10	R Nac Amazonia, Brasilia, Brazil	PP songs // 11780
1010	0631	25/10	Sistema Cardenai, Barranquilla, Colombia	'Sistema Cardenai', TC, Cumbia mx
1080	0655	25/10	Sistema 2, Guayaquil, Ecuador	vintage mx, YL ID 'Sistema Dos, mil ochenta'
1350	2115	19/10	Super R Boa Vontade, Salvador, Brazil	Rel talks in PP // 9550. (1349.96)
1350	2157	22/10	R Buenos Aires, Argentina.	"Radio Buenos Aires sur AM 1350"
1510	0713	25/10	HCHD2 R Naval, Guayaquil, Ecuador	1 sec time pips, time ann in SS every minute.

EUROPE

675	1930	13/10	R Calypso, NL (LPAM)	DD mx, ID
684	1720	23/10	R Radonezh, St Petersburg	ID in Russian
828	1633	13/10	Pravoslavnoye R, St Petersburg	classical mx, chimes, ID, Russian
891	1943	13/10	Hot R Hits, NL (LPAM)	"Hot Radio Hits...hits classics", oldies
1008	1902	16/10	United AM, NL (LPAM)	EE ID, "send reports to unitedam@hotmail.com"
1314	1744	13/10	The Ferry, Bergen, Norway	"you're sailing in a sea of tunes on The Ferry" EE.
1602	1952	13/10	R 0511, NL (LPAM)	oldies, ID "Radio nul fife elf"
1602.16	1540	14/10	R Centre, Latvia	Talks in Russian
1611	1739	13/10	R Northern Star, Bergen, Norway	EE ID, Chuck Berry // weak 5895.

UK Community / LPAMs

1350	1000	16/10	Kingstown R, Hull	Smoke alarm promo, ID
1386	2100	15/10	Carillon R, Loughborough	Nx, "Carillon Radio" jingle
1476	2053	15/10	Carillon Wellbeing R, Coalville	live rock music px.
1529.7v	0957	16/10	R Ramadan 365, Glasgow	Islamic community talk, ID @ 0959.
1575	0900	13/10	R Seerah, Leicester	"Radio Seerah, available now on our app"