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# DX LISTENING DIGEST 18-48, November 26, 2018

Incorporating REVIEW OF INTERNATIONAL BROADCASTING  
edited by Glenn Hauser, <http://www.worldofradio.com>

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For restrixions and searchable 2018 contents archive see  
<http://www.worldofradio.com/dxldmid.html>  
[also linx to previous years]

NOTE: If you are a regular reader of DXLD, and a source of DX news but have not been sending it directly to us, please consider yourself obligated to do so. Thanks, Glenn

WORLD OF RADIO 1958 contents: Asia non, Brazil, China, Cuba, France, Germany, Iran, Japan, Kurdistan non, Madagascar, Perú. Spain, Turkey, USA, unidentified, equipmentips, publication, and the propagation outlook

**SHORTWAVE AIRINGS of WORLD OF RADIO 1958, November 27-December 3, 2018**

Tue 0030 WRMI 7730 [confirmed]  
 Tue 0200 WRMI 9955 [confirmed]  
 Tue 2030 WRMI 7780 [confirmed]  
 Wed 1030 WRMI 5950 [zzz]  
 Wed 2200 WRMI 9955 [confirmed]  
 Wed 2200 WBCQ 7490v [confirmed]  
 Sat 0730 HLR 6190-CUSB Hamburger Lokalradio [confirmed Bulgaria]  
 Sat 1200 WINB 9265 via Unique Radio  
 Sat 1531 HLR 9485-CUSB Hamburger Lokalradio [barely confirmed]  
 Sat 1700 WRN 5950 via WRMI [unconfirmed]  
 Sat 2030v WA0RCR 1860-AM  
 Sun 0400v WA0RCR 1860-AM [nominal 0415][confirmed from 0427]  
 Sun 0830 WRMI 5850 5950 7730 [NEW]  
 Sun 1130 HLR 7265-CUSB Hamburger Lokalradio [confirmed Bulgaria]  
 Sun 2130 WRMI 7780 [confirmed]  
 Mon 0230 WRMI 5950 9395 [both confirmed]  
 Mon 0400v WBCQ 5130v-AM Area 51 [confirmed]  
 Mon 0430 WRMI 9955 [confirmed]

Latest edition of this schedule version, including AM, FM, satellite and webcasts with hotlinks to station sites and audio, is at:  
<http://www.worldofradio.com/radioskd.html> or <http://schedule.worldofradio.org> or <http://sked.worldofradio.org>

For updates see our Anomaly Alert page:

<http://www.worldofradio.com/anomaly.html>

**WORLD OF RADIO PODCASTS:**

Tnx to Dr Harald Gabler and the Rhein-Main Radio Club.

<http://www.rmrc.de/index.php/rmrc-audio-plattform/podcast/glenn-hauser-wor>

MORE PODCAST ALTERNATIVES, tnx to Keith Weston:

<https://blog.keithweston.com/2018/11/22/world-of-radio-podcast/>

feedburner:

<http://feeds.feedburner.com/GlennHausersWorldOfRadio>

NEW via tunein.com: <http://bit.ly/tuneinwor>

itunes:

<https://itunes.apple.com/us/podcast/glenn-hausers-world-of-radio/id1123369861>

AND via Google Play Music: <http://bit.ly/worldofradio>

ALTERNATIVE PODCASTS, tnx Stephen Cooper: [suspended?]

<http://shortwave.am/wor.xml>

**OUR ONDEMAND AUDIO:**

<http://www.worldofradio.com/audiomid.html> or <http://wor.worldofradio.org>

**DAY-BY-DAY ARCHIVE OF GLENN HAUSER`S LOG REPORTS:**

Unedited, uncondensed, unchanged from original version, many of them too complex, minutely researched, multi-frequency, opinionated, inconsequential, off-topic, or lengthy for some log editors to manage; and also ahead of their availability in these weekly issues:  
<http://www.hard-core-dx.com/index.php?topic=Hauser>

**IMPORTANT NOTICE!!!!** WOR IO GROUP: Effective Feb 4, 2018, DXLD yg archive and members have been migrated to this group: <https://groups.io/g/WOR> [there was already an unrelated group at io named dxld!, so new name] From now on, the io group is primary, where all posts should go. One may apply for membership, subscribe via the above site.

DXLD yahoogroup: remains in existence, and members are free to COPY same info to it, as backup, but no posts should go to it only. They may want to change delivery settings to no e-mail, and/or no digest. The change was necessary due to increasing outages, long delays in posts appearing, and search failures at the yg.

Why wait for DXLD issues? A lot more info, not all of it appearing in DXLD later, is posted at our io group without delay.

**NEWISH! DX LISTENING DIGEST IN PDF, HTML VERSIONS**

Jacques Champagne in Ville-Marie, Québec, has developed programs to convert DXLD .txt into PDF and HTML versions for his own use, and now has made them available to the rest of us. Starting with 18-24, they have been posted as attachments to the WOR iog. And now also posted on our website w4uvh.net. Just change the issue number`s extension to .html or .pdf --- Merci, Jacques!

(gh)

Thanks also to Jacques for assisting with formatting of .txt original

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# COUNTRIES

## AFGHANISTAN

### \*\* AFGHANISTAN [non].

15759.97, THAILAND, R. Mashaal Udon Thani in Pashto 11.11.2018 0946-1014 men talk, chants with instrumental music at times, brief music break then some announcements, after 1000 woman/man talk for poss. news, some men talking with brief music pauses (1007-1008), then men talk only, at 1012 man/woman IDs mentioning twice Mashaal, Udon Thani, continuing men talk, heard in usb, moderate qsb and rustle, almost fair/fair; in // 12110 (via Kuwait) very poor/barely audible/noaudio at times; // 13580 (via Kuwait till 1000, then s/off), poor/almost fair.

15759.94, THAILAND, R. Mashaal Udon Thani in Pashto (shifted on this frequency) 11.18.2018 0921-0939 men fast long talk only till 0930, brief music pause, man talk till 0937, with one brief music pause, chant, heard in usb with and without NIR 12, fast qsb, moderate qrn rustle, almost fair /at 0935 barely audible for some seconds for a deep fading; in // 12110 fair/poor /barely audible at times with audio on and off; // 13580 poor/barely audible at times

(Gianni Serra - Roma-Italy, JRC NRD 525 receiver; Alpha Delta DX-SWL Sloper-S antenna; RG 8 mini coaxial cable; JPS NIR 12 Noise & Interference Reducer-Dual DSP outboard audio filter; JRC NVA 319 external loudspeaker unit; Sony MDR-101 stereo headphones; DX LISTENING DIGEST)

## ALASKA

### \*\* ALASKA.

7560, Nov 20 at 1356, harmonious hymn, by YL trio? ``This is My Father`s World`` in non-English, S6-S8, Chinese announcement and jingle, 1358 dead air, 1400 KNLS IS, Chinese ID, more IS, until 1402:40 finally themetune and opening. This is on 300-degree beam from Anchor Point, presumably the same show via Madagascar. KNLS English is also at 1400 but can`t remember the frequency. Listed as 7320, where I certainly did not notice it in bandscan, 270 degrees, and often they really have only one transmitter operational  
(Glenn Hauser, OK DX LISTENING DIGEST)

## ALBANIA

### \*\* ALBANIA.

80 years of Radio Tirana. Radio Tirana has an 80 year history, dating back to 28 Nov 1938. <<http://rti.rtsh.al/2018/11/09/80-years-of-radio-tirana/>> (Michael Bethge-D, wwdxc BC-DX TopNews Nov 17 via BC-DX 20 Nov via DXLD) Viz.:

From Radio Tirana International:  
80 years of Radio Tirana November 2018

Radio Tirana has an 80 year history, dating back to 28 November 1938. It was the first Albanian radio station launched by King Zog I and Queen Geraldine in a ceremony at Tirana City Hall of that time. A year earlier, a shortwave transmitter with a power of 3 kW at 40 meters was put in operation in a building at Kont Urani Street (Tirana) and intended mainly for communication, but was also used to broadcast 3 hours of programs per day. The first broadcast consisted of choral singing, where Jorgji Truja and Marije Kraja sang an introductory piece, followed by the unique timbre of Kaliopi Nushi's voice who pronounced the following phrase: "Ju flet Tirana" (English: This is Tirana speaking). This moment officially marked the first broadcast of Radio Tirana.

During the Italian invasion, after 7 April 1939 this radio was used to raise the awareness of the people to take the weapons and to protect the country. It continued to broadcast, but during the German invasion, on 17 November 1943, the radio was directed by Germans. Only a year after that day, on 17 November 1944, the partisans took the control of Radio Tirana.

During that time it became very popular. It was like a fantastic premiere every night, with partisan songs, folk music interpreted in the studio, and then continued with the beautiful voices of the singers Tefta Tashko Koco, Marie Kraja, Kristaq Antoniu etc. The war was over and the people felt this through the optimism spread by Radio Tirana.

Despite the country's tiny size and isolationist policies, Radio Tirana was a major international broadcaster during the Cold War. Its programs had a reputation for being little more than dull propaganda.

During Albania's alliance with China in the 1960s and 1970s, Radio Tirana had to walk a fine line between being anti-West whilst also being anti-Soviet. As such, Radio Tirana kept close to the official policy of the People's Republic of China, which was also both anti-West and anti-Soviet whilst still being socialist in tone. Following the break with China, the policy of programs still remained Marxist-Leninist in nature. In 1987, 66 hours of programs were broadcast in 20 foreign languages every day. Political propaganda predominated during this period. Programs included: Introducing Albania, Listeners' Letters, Culture and Art in Socialist Albania and The Song of Our Life. Radio Tirana also presented programs of revolutionary music from around the world, while the programme: "What we saw in socialist Albania" offered interviews with foreign visitors to Albania.

During the last months of the socialist era, overtly political programming was drastically scaled down, and the long-established practice of playing "The International" at the end of each broadcast was abandoned.

Radio Tirana is widely seen as a symbol representing Albanian culture in the world. Through its educational, cultural, and informative programs broadcast nationally and internationally, Radio Tirana has played a major role in the transmission of Albanian people's cultural values. The station served as the first academy of Albanian literal language as in its archive can be found interesting historical artifacts such as a speech made by Fan Stilian Noli or the voice of Albanian arts' ambassador, Alexander Moissi. Furthermore, it served as a venue on which emerging Albanian artists first showcased their talents later becoming icons. Radio Tirana enjoys a large number of listeners; it is still very popular and lovable for whole the public.

<http://rti.rtsh.al/2018/11/09/80-years-of-radio-tirana/>  
(via SW Radiogram Nov 23 via roger, DXLD)

## ALGERIA

### \*\* ALGERIA.

531, Nov 21 at 0300, considerable het to Cubans on 530, as I am starting a TA JBA carrier bandscan [see [UNIDENTIFIED](#)], and this turns out to be the strongest, with some music separable from 530, as always presumed to be the 600 kW Jil FM [sic], youth channel at F`Kirina, which is near the Tunisian border, 8899 km or 5529 statute miles from here. Nothing much on its 600 kW // 549 however, 551 km closer near the Moroccan border at Sidi Hamadouche  
(Glenn Hauser, OK, DX LISTENING DIGEST)

## ANGOLA

\*\* ANGOLA. These days very, very tiny signal of Radio Nacional, Mulenvos, checked at 1630 UT, S=5 on remote unit in Doha Qatar: 4949.977 kHz measured.

Co-channel AIR Srinagar India on 4950.097 kHz S=9+25dB, at 1632 UT.  
[selected SDR options, span 12.5 kHz RBW 15.3 Hertz]  
(Wolfgang Bueschel, df5sx, wwdxc BC-DX TopNews Nov 24, HCDX via DXLD)

## ARMENIA

### \*\* ARMENIA.

4809.99, V. of Armenia, Yerevan in Kurdish/Yezidi (as scheduled) 11.25.2018 1625-1652 local chant, woman/man announcements, known music break and IS at 1630, anthem music, man ID "Yerevan", music bridge into program in Yezidi, with man/woman announcements, typical local singsong chants with instrumental music, with woman brief talk after each track, heard in usb, moderate fast qsb, lite qrn, qrm mild humming in background, good  
(Gianni Serra - Roma-Italy, JRC NRD 525 receiver; Alpha Delta DX-SWL Sloper-S antenna; RG 8 mini coaxial cable; JPS NIR 12 Noise & Interference Reducer-Dual DSP outboard audio filter; JRC NVA 319 external loudspeaker unit; Sony MDR-101 stereo headphones; DX LISTENING DIGEST)

## ASIA

\*\* ASIA [non].

Radio Free Asia: see NORTHERN MARIANA ISLANDS [non]

## AUSTRALIA

\*\* AUSTRALIA. RNZ interview about Australian shortwave

Radio New Zealand interviewed Jemima Garrett, co-convener of the group Supporters of Australian Broadcasting in Asia and the Pacific, about the promise of Australia's Labor Party to restore domestic shortwave to the Northern Territory. She thinks this "bodes well" for the restoration of ABC shortwave broadcasts to the Pacific region.

She did say that shortwave to the Pacific could be restored with "similar amounts of money" than required for the resumption of the domestic shortwave service, which, to me, seems unlikely.

As possible transmitting sites for the Pacific shortwave service, she mentions Shepparton, but also "three transmitters in the Northern Territory." I wonder if she was referring to the possibility of leasing time from Reach Beyond Kununurra, which is actually in Western Australia.

Anyway, listen to the audio and see what you make of it.

<https://www.radionz.co.nz/international/programmes/datelinepacific/audio/2018672074/proposed-restoration-of-abc-shortwave-for-nt-welcome-news>

(Kim Elliott, Nov 21, WOR iog via DXLD)

I think the three xmtr's in the Northern Territory she was referring to were the old Northern Territory SW Service with xmtr's at Alice Springs, Tennant Creek & Katherine. I never heard of them being sold or dismantled. They may just be sitting there waiting for reactivation. 73,

(Don W8SWL Hosmer, W Branch MI USA, *ibid.*)

Thanks, Don. That probably is the answer. My memory of Australian domestic shortwave transmitters is fuzzy. Those Northern Territory transmitters might not have the power for regional Pacific coverage.

(Kim Elliott, *ibid.*)

The antennas at the three stations in the NT are of the near vertical incidence variety, which essentially beam the RF energy straight up vertically to the ionosphere, from where it rains back down in an omnidirectional umbrella pattern. These are very good for covering the intended domestic target areas, but would be totally inappropriate for serving Asia/Pacific

(Ray Robinson, KVOH, *ibid.*)

That was how the pictures explained it, but in reality they did a very creditable job into western north America, especially considering the frequency and power levels. I sure wouldn't count that out for covering the Pacific quite nicely, especially at this point in the solar cycle. 73

(Don VE6JY Moman, AB, *ibid.*)

I guess they are talking about resuming the old NT service first and then if more funds become available, they could reactivate the Pacific service. I am sure they would have to reactivate the old international xmtr sites at Shepparton or Brandon to cover the Pacific. 73, (Don W8SWL, W Branch MI USA, ibid.)

Advocates for the restoration of the ABC's shortwave service to the Pacific say the Labor Party's proposal to restore the service to the Northern Territory could ...

<https://www.radionz.co.nz/international/pacific-news/376443/proposed-restoration-of-abc-shortwave-for-nt-welcome-news-for-the-pacific>

Proposed restoration of ABC shortwave for NT welcome news Radio New Zealand-15 hours ago Australian advocates for restoring the ABC shortwave services to the Pacific say Labour's proposal to revive the service to the Northern Territory could bode well ...

<https://www.radionz.co.nz/international/programmes/datelinepacific/audio/2018672074/proposed-restoration-of-abc-shortwave-for-nt-welcome-news>

(via Artie Bigley, Nov 20, DXLD)

## \*\* AUSTRALIA.

Very good signal of Reach Beyond Australia RBA on Nov 21

1115-1130 on 15575 KNX 100 kW / 315 deg to SEAs English Mon-Wed/Fri

1230-1300 on 11945 KNX 100 kW / 310 deg to SoAs English Daily

1315-1330 on 11865 KNX 100 kW / 310 deg to SoAs English Mon/Wed/Fri

<https://swldxbulgaria.blogspot.com/2018/11/very-good-signal-of-reach-beyond.html>

(Ivo Ivanov, SWLDXBulgaria News, Nov 20-21, DX LISTENING DIGEST)

## \*\* AUSTRALIA.

Unique Radio NSW will be on 5045 this evening at 1100 UT [i.e. in an hour's time] till late. If they're not on AM mode try LSB. Reports to nri3@yahoo.com.au or pm us and we'll pass it on

(Hobart Radio International on Facebook, 26 Nov via Alan Pennington, 0952 UT, bdx-news iog via DXLD)

No reports of anyone hearing it. Hope Tim Gaynor will keep us informed of further tests

(gh, DXLD)

## AUSTRIA

\*\* AUSTRIA. QSL: 13860, Radio DARC special broadcast via ORS Wien [Moosbrunn] transmitter. Received a full data Postal QSL Card with details and transmitter site on this special. E-mail report sent to: radio@dar.de Reply in 38 days. V/s: Rainer Enfert

(Edward Kusalik, Daysland, Alberta, Canada, Nov 22, ODXA iog via DXLD)

## BAHRAIN

### \*\* BAHRAIN.

9745, Radio Bahrain, Abu Hayan, 1645-1657, 23-11, Arabic songs. 24322 (Manuel Méndez, Lugo, Spain, Logs in Friol, Tecsun S-8800, cable antenna, 8 meters, WOR iog via DXLD)

## BOTSWANA

### \*\* BOTSWANA.

17700, VOA at 1525 in Hausa with a man with talk then an African music bridge at 1526 and more talk – Barely audible to Poor with deep fading Nov 24 – The only signal on this under-utilized band at this hour (Mark Coady, Selwyn, Ontario, Kenwood TS440S or Ten-Tec Argonaut II and 40 and 80 meter off centre-fed dipoles, ODXA iog via DXLD)

## BRAZIL

### \*\* BRAZIL.

3375.47, (tentative), R. Municipal, São Gabriel da Cachoeira, AM. NOV 24 \*0916 - weak carrier at \*0916:10, threshold audio beginning 0959 then strong 200Hz hum audio issues until 1007. Rapidly rising to weak peak with music at 1011 UTC sunrise at transmitter then slowly fading back down from 1015 UTC. Audio issues returned at 1018 when I tuned out (Brandon Jordan, KM4PBQ, Fayette County, Tennessee, USA, <http://www.swldx.us> Icom IC-7200, IC-7300, Perseus, WinRadio G33DDC, G313e, RFSpace NetSDR, SDR-IQ, Elad FDM-S2, SDRplay RSP2pro, Array Solutions SAL-20 Shared Apex Loop, DX Engineering ARAV3 Active Vertical, dxldyg via DX LISTENING DIGEST)

### \*\* BRAZIL.

4875.20, R. Difusora Roraima, Boa Vista in Portuguese 11.21.2018 0330-0342 woman long religious sermon talk till 0339, music break, man unclear talk, heard in usb, strong qrn, poor; in // <https://www.radios.com.br/aovivo/radio-roraima-590-am-4875-ot/15023> in streaming.

4875.21, R. Difusora Roraima, Boa Vista in Portuguese 11.23.2018 0349-0405\* man Radio host talk, with one ballad and brief slow song, other man announcement with ID, man final announcement, with frequencies quote and ID over song, choral anthem till 0402, then carrier on only till 0405; heard in usb, fast qsb, strong qrn, (from 0356 shifted to 4875.22 and again on 4875.21 from 0400), poor/ almost fair; in //

<https://www.radios.com.br/aovivo/radio-roraima-590-am-4875-ot/15023> in streaming with some seconds of delay from sw broadcast

(Gianni Serra - Roma-Italy, JRC NRD 525 receiver; Alpha Delta DX-SWL Sloper-S antenna; RG 8 mini coaxial cable; JPS NIR 12 Noise & Interference Reducer-Dual DSP outboard audio filter; JRC NVA 319 external loudspeaker unit; Sony MDR-101 stereo headphones; DX LISTENING DIGEST)

### \*\* BRAZIL.

4885.023 kHz the only 60mb station from Brasil, R Clube do Para with usual nice sweet music program [selected SDR options, span 12.5 kHz RBW 15.3 Hertz]

(Wolfgang Bueschel, df5sx, wwdxc BC-DX TopNews Nov 20, DX LISTENING DIGEST)

**\*\* BRAZIL.**

6090, Radio Bandeirantes at 0054 in Portuguese with a woman with talk with mentions of "Brasil", "Sao Paulo", and "Bandeirantes" and brief Brasopops at 0058 and back to talk - Poor and noisy Nov 22 Coady-ON - No sign of the Caribbean Beacon tonight during monitoring up to 0200 (Mark Coady, Selwyn, Ontario, Kenwood TS440S or Ten-Tec Argonaut II and 40 and 80 meter off centre-fed dipoles, ODXA iog via DXLD) See [IRAN](#), also on 6090 but in Spanish  
(gh)

**\*\* BRAZIL.**

BRASIL: 6180.04, Radio Nacional da Amazonia; 2201-2207+, 11/16; News to 2203+ R. Nac. ID & peppy, chit-chatty DJ with camp'o tune. SI0=433, USB helped with splash from 6175 CRI(presumed) in PP via Albania (Harold Frodge, Midland MI, Drake R8B + 185' RW, ----- All logged by my ears, on my receiver, in real time. -----, DX LISTENING DIGEST)

6180, Radio Nacional da Amazonia at 0115 in Portuguese with a man taking a telephone call from an impassioned man then ranchera-like male vocals at 0120 - Fair under CRI Nov 20. Also at 2150 in Portuguese with a man and a woman with an apparent news magazine with mentions of "Radio Nacional" - Very Good Nov 20 - You just have to adjust what time you are going to listen to this one and it better be before 0100 UTC or you're out of luck!  
(Mark Coady, Selwyn, Ontario, Kenwood TS440S or Ten-Tec Argonaut II and 40 and 80 meter off centre-fed dipoles, ODXA iog via DXLD)

[and non]. 6180.03, Nov 20 at 2249, RNA in enthusiastic Brazuguese, S9+30 here instead of 11780. Still on at 0150 recheck Nov 21, now making a fast SAH atop heavy CCI from CRI English via CUBA on its new frequency, 6180.00  
(in such a clash it's hard to nail either down to the Hz).

At 0204, RNB with a multi-station ID, AM & FM in several cities, and does mention 6180 on 49m. After a few vocalizations, cut off the air at 0205:30\*. So they are signing off circa local midnite during DST, despite 19-03 UT sked in latest Aoki/NDXC.

This uncovers weak Chinese as the CRI Habana relay goes on another hour, but its signal seems insufficient to have been causing all the QRM to Brasil. Evidently RNA is now running 6180 instead of 11780 even earlier in the daytime, reported but only weakly in Bahia by Jorge Freitas, Nov 19 at 1838.

The collision between Brasil and China/Cuba on 6180 at 00-02 is a prime example why stations/countries need to coördinate by participating in HFCC. China does, but Brasil and Cuba do not. Of course Brasil might have owned 6180 if it had kept using it instead of just resuming it lately; but refusing HFCC, how are China or Cuba supposed to know about it??  
(Glenn Hauser, OK, DX LISTENING DIGEST)

More developments with Brazil's Radio Nacional da Amazonia with a possible expansion in their broadcast schedule as they were noted on earlier than their normal 1100 sign-on time.

6180, Radio Nacional da Amazonia at 1035 in Portuguese with a man and woman with a possible news magazine with definite mentions of "Radio Nacional" and "Brasil" – Weak but audible Nov 21 – Is this a one off transmission or a change in their schedule as their sign-on time has normally been 1100 and on 11780 although 6180 makes sense for the first few hours of the day? (Mark Coady, Selwyn, Ontario, Kenwood TS440S or Ten-Tec Argonaut II and 40 and 80 meter off centre-fed dipoles, ODXA iog via DXLD) Maybe 10-02 nominal now during DST (gh)

6180, Nov 22 at 0126, still huge collision between RNA in Brazuguese and CRI via CUBA in English, fast SAH circa 30 Hz with RNA the off-one plus. Off just before 0204\* uncovering much weaker CRI for another hour in Chinese (Glenn Hauser, OK, WORLD OF RADIO 1958, DX LISTENING DIGEST)

6180, Nov 24 at 0148, CRI English via CUBA is in the clear, no RNA collision, nor anyaudible on 11780. Maybe they just signed off earlier than usual 0205v\*? (Glenn Hauser, OK, DX LISTENING DIGEST)

6180.07, R. Nacional da Amazônia, Brasília. NOV 24 \*0952 - on with back to back Sertanejo songs, canned ID at 0959 followed by morning greeting and chat by woman until 1006 then back to Sertanejo. Good signal although audio a bit distorted tho music less so (Brandon Jordan, KM4PBQ, Fayette County, Tennessee, USA, <http://www.swldx.us> Icom IC-7200, IC-7300, Perseus, WinRadio G33DDC, G313e, RFSpace NetSDR, SDR-IQ, Elad FDM-S2, SDRplay RSP2pro, Array Solutions SAL-20 Shared Apex Loop, DX Engineering ARAV3 Active Vertical, dxldyg via DX LISTENING DIGEST)

6180, Nov 24 at 2244, RNA is back on with Brazilian music, and no QRM yet (Glenn Hauser, OK, DX LISTENING DIGEST)

\*\* **BRAZIL.**

9630.511 kHz at 0635 UT R Aparecida from Aparecida. S=7-8 in NJ. 0636 UT

9664.738, R Voz Missionaria S=7 in \ \ 5939.733 rather S=8 though [selected SDR options, span 12.5 kHz RBW 15.3 Hertz] (Wolfgang Bueschel, df5sx, wwdxc BC-DX TopNews Nov 20, DX LISTENING DIGEST)

\*\* **BRAZIL.**

PIRATE STATION, 9925 kHz, Radio Serra do Roncador (tent.), Mato Grosso BR, 26/11 1410. A new Brazilian pirate station. A regular carrier, but a weak signal. Pop songs. I heard that next days this station will begin the normal transmission. 25422 (Rudolf Grimm, São Bernardo SP, BRAZIL, <http://dxways-br.blogspot.com> YouTube Channel: GrimmSBC, HCDX via DXLD)

\*\* **BRAZIL.**

10000. Time Signal Station Observatorio Nacional, Rio de Janeiro, 1835-1842, 23-11, time signals, female voice announcements: "Observatorio Nacional, 16 horas, 37 minutos, 10 segundos". 23322 (Manuel Méndez, Lugo, Spain, Logs in Friol, Tecsun S-8800, cable antenna, 8 meters, WOR iog via DXLD)

[and non]. STANDARD TIME STATION: 10000 kHz, Observatório Nacional, Rio de Janeiro RJ, PP, 26/11 1352. YL: 'Observatório Nacional, 11 horas, 52 minutos, 0 segundos' + time pips. 35553, Better in USB mode. A bad moment to listen this station.

10000 kHz CHINA: BPM, Pucheng, time pips + CW id. YL: 'B.. P.. M..'. 35553  
(Rudolf Grimm, São Bernardo SP, BRAZIL, <http://dxways-br.blogspot.com>  
YouTube Channel: GrimmsBC, HCDX via DXLD)

Oops, no time on the BPM log, or does he mean heard at same time as PPE, which it seems does never ID by callsign  
(gh, DXLD)

## BULGARIA

### \*\* BULGARIA.

QSL: AWR Pune studio via SPC-NURTS Sofia/Kostinbrod. Full data (with site, but no name of studio) Sky Circle E-QSL in 22 days. E-mail report to: [adventistmediacenter@gmail.com](mailto:adventistmediacenter@gmail.com) No response to date from my report direct to the studio  
(Edward Kusalik, Daysland, Alberta, Canada, Nov 22, ODXA iog via DXLD)

### \*\* BULGARIA.

9400, SW Radiogram via Bulgaria ('Secretbrod') with Digi-text and supposedly photos (none decoded properly). The only things that did decode well were the MFSK32 intro, and the Olivia 64/2000 segment of a story about the L4/L5 dust clouds orbiting Earth. The MFSK 64 segments were completely garbled, and useless, and interestingly, the Olivia 32/2000 was worse than the 64/2000 and the 16/2000 encoded segment was totally garbled. 2+3432 -- audio just barely discernible, but despite that the MFSK 32 was at about 95%+ copy, as was the Olivia 64/2000. They have moved to Sunday AM from Monday AM for the 0800 broadcast so I'll have to amend my recording time! 1400-1428 (when they either signed off or completely faded) 17/Nov SDRplay +SDRuno +FLDigi for the digital bits, + ANC-4 +randomwire  
(Kenneth Vito Zichi, from Williamston in south central lower Michigan heard with actual gear and an actual antenna in the actual physical space, with my actual ears and eyes, WOR iog via DX LISTENING DIGEST)

[and non]. Shortwave Radiogram, 23-25 November 2018

".....This weekend, MFSK32 and MFSK64 only, with seven images and the waterfall graphic. Here is the lineup for Shortwave Radiogram, program 75, 23-25 November 2018, in MFSK modes as noted:

1:40 MFSK32: Program preview  
2:52 Redefinition of kilogram and other international units\*  
8:23 MFSK64: 80th anniversary of Radio Tirana\* [see [ALBANIA](#)]  
12:23 How are waterfall spectrograms created? \*\* [see R E F]  
18:01 This week's images\*  
27:19 MFSK32: Closing announcements

Die kompletten Texte dann hier:

[http://www.rhci-online.net/radiogram/SW\\_Radiogram\\_2018-11-24.htm#SWRG](http://www.rhci-online.net/radiogram/SW_Radiogram_2018-11-24.htm#SWRG)

(roger, WOR iog via DXLD)

**\*\* BULGARIA.**

11600, The Mighty KBC at 1355 with "Uncle" Eric van Willegen with oldies music and a mention of "Broadcasting on 11600 via the facilities of Spaceline LTD we are the Mighty KBC" at 1400 and OC then into Brother Stair at 1401 - Very Good Nov 24 - This frequency and time is not listed on The Mighty KBC's website or Facebook page. According to Dan Ferguson's SW Skeds spreadsheet Brother Stair is scheduled from 1300 so perhaps he is giving Uncle Eric an opportunity to air his farts, antics, hijinks, KBC Imports ads, and, of course, the great oldies we all love to hear over and over again. If not him, then Spaceline LTD is. They are the airtime broker for shortwave facilities both here in Bulgaria and in Armenia

(Mark Coady, Selwyn, Ontario, Kenwood TS440S or Ten-Tec Argonaut II and 40 and 80 meter off centre-fed dipoles, ODXA iog via DXLD)

**CANADA****\*\* CANADA.**

382 kHz, Nov 21 at 0252, NDB ID dash and YPL, which is 1000 watts at Pickle Lake, Ontario; tuned to 383-USB. Really a regular, but I love to rewrite ``Pickle Lake``.

413 kHz, Nov 21 at 0255, NDB ID dash and YHD, which is 250 watts at Dryden, Ontario; tuned to 414-USB. Also got three closer Unitedstatesians, q.v.

(Glenn Hauser, OK, DX LISTENING DIGEST)

**\*\* CANADA.**

15034-USB, Nov 21 at 1530 UT, CHR Trenton Military gives zulu time as ``1430``, proceeds to cite aviation weather timestamped for the not-really-future, ``1500`` for Zagreb, Split, Ancona. Are the Croatians listening to this all the way from Canada? Anyhow, CHR have still not reset their own clock ---- which should not need resetting as UT/zulu/GMT is constant!

(Glenn Hauser, OK, DX LISTENING DIGEST)

**\*\* CANADA. CBU 690 Vancouver now at 25,000 Watts fulltime**

From Canadian Radio News on Facebook: Northwest Broadcasters is reporting that CBC Radio One in Vancouver CBU 690 has now decreased power from 50,000 to 25,000 watts fulltime. The reduction in power was necessitated after a fire destroyed part of the station's transmitting facilities last year which would have been too costly to repair. Radio One programming is also available in Vancouver on repeater CBU-2 at 88.1 which operates with 97,600 watts

(via Paul B Walker Jr, Laramie WY, Nov 23, IRCA via DXLD)

And with nearly 100 kW on FM, that 50 kW on AM isn't really needed (Walker, ibid.)

Another treat from a CBC Staffer that shared with me under conditions of strictest confidence --

CBC has few few hardware techs deployed and very little "break and fix" policy - That means when anything (and I stress ANYTHING) fails, declines or breaks - it is left to languish until such time as it "fixes itself" or completely fails and if in an urban area might get the attention of the 1 or 2 techs that are available.

Our own 90.5 FM in Victoria is a great example of a transmitter that shares a tower with some TOP 40 FM stations in Victoria -- and their "technician" who has actually climbed tower has ZERO tech training and uses a "common sense" approach to troubleshooting and fixing...

We had a convo some years back when he insisted that FM and VHF was purely line of sight, no skip, no bounce or scatter -- he was convinced that there is no such thing as FM DX as the one line in his "40 page" technician learning manual that he got out of a cereal box said... "AM Distance, FM line of sight..."

and that is the tech that might deal with one of the FM transmitters locally. A wonderful byproduct of "race for the bottom" bean counting when it comes to supporting infrastructure.

Why would we get a skilled tech on staff \*35 years [sic] a week\* when we can get a dummy to do the same work for minimum wage AND be an on-air person too.

Sorry Paul: Not implying \*On-air types are dummies\* -- but that they shouldn't be touching transmitters and antennas  
(Colin Newell, *ibid.*)

Sorry, Paul, but you mustn't be so black and white about AM vs FM. Colin is very correct. A few km out of town, and you can completely lose the CBC signals. 690 is (was) very far reaching, easily covering most of Vancouver Island, the lower mainland, and even mid to upper WA state. At night, I could easily hear them in northern BC. As has been noted, the FM is lost easily, even within the city. To say that 50 kW on AM isn't really needed is simply wrong, as a blanket statement. Hundreds of thousands of people live around the periphery, and are now poorly served (or, hopefully not so poorly served if Nick's observations are correct). Certainly, we had the same discussion when the CBC unceremoniously cut the 1 kW SW service on 6160. I concede that with that one, very few people were listening, although it, too, had a niche audience  
(Walt Salmaniw, BC, *ibid.*)

Well, Radio One/88.1 pretty much disappears while driving once Hwy 99 turns the Big Bend and heads north from Horseshoe Bay, only about 20 km west of the Mt Seymour transmitter, and reception from the Squamish FM relay is spotty till you're well up Howe Sound. Residents in parts of HB and especially Lions Bay likely would agree with that assessment too. Even driving along parts of Marine Drive on the southern edges of the cities of Burnaby and Vancouver, the steep rise up to the Kingsway ridge can block the FM'ers from Mt Seymour.

Mother Corp applied to the CRTC to turn off 690 but the request was denied because of the difficulties with FM in our, um, mountain-goat environment.

Once upon a time, while driving across the southern part of BC on Hwy 3, there was constant AM coverage from LPRT's and lower-powered commercial/private stations in towns along the way. Nowadays, daytime travel is a blank band, AM or FM, for considerable distances  
(Theo Donnelly, BC, *ibid.*)

**\*\* CANADA.**

Most radio listening takes place in the car or while doing other things that allow freedom for the ear, but not the eyes and hands. Podcasts permit a shift of listening time from a set appointment to virtually any convenient occasion. I do it while "power walking" (most) every other day (when it's not cold and wet or I haven't succumbed to laziness). The "art" of putting one foot in front of the other can be pretty monotonous and by "podding along" while plodding along the mind also gets something useful to do.

Some of the best radio comes from the public networks of the UK, Australia, Ireland, Canada, New Zealand and the U.S. Apart from the originating program's web site, most programs are made available through any number of other amalgamation sources such as iTunes and TuneIn.

Admittedly, these are thoroughly subjective recommendations, but my interests and tolerance for incompatible views are pretty wide-ranging. Here's another in a continuing series of small samplings, offered in a 90 minute scope (more or less):

**CAPSULE REVIEW ---- THE SUNDAY EDITION - CBC Radio One**

This is how the program's web site describes it: "For three hours every weekend, The Sunday Edition presents an eclectic blend of conversation, documentaries, personalities and music. The program distinguishes itself through its unpredictable choice of stories. It brings a perspective that is original, intelligent and sometimes funny, reflected through the personality of host Michael Enright."

Couldn't have said it better. This has been part of the top tier of international radio programs for decades. Enright has been a mainstay of CBC Radio for half a century, witnessing first hand and reporting on most of the major historical events over that time and hosting at one time or another each of CBC Radio's flagship programs. His perspective is panoramic, informed by his wide experience and evidenced by his numerous awards in print and broadcast journalism. If there's a must listen program every week, this is it.

(Broadcast and streamed Sundays beginning at 0900 [sic] local time across Canada. Also by podcast. A one hour "best of" program with title appendage "Round Midnight" is broadcast Mondays at 0000 [sic] local time across Canada.) <https://www.cbc.ca/radio/thesundayedition>

**"November 11, 2018" THE SUNDAY EDITION - CBC Radio One**

Michael's essay: Sean Hannity is only doing his job

- to be a salesman for Trump 0:38

If the midterms were a battle for America's soul, who won? 4:32

A little-known story of heroic Canadian nurses killed in WW I atrocity told through opera 36:20

'The World Remembers' art project honours the dead of WW I 1:13:54

How the battle of Beaumont-Hamel devastated Newfoundland 1:32:19

Dr. Mohamed-Iqbal Ravaliala's journey from Zimbabwe to Newfoundland to the Canadian Senate 2:00:02. (Total run time: 125")

<https://www.cbc.ca/radio/podcasts/arts-culture/the-best-of-the-sunday-edition/>

A monthly (well, mostly monthly) compendium of these newsletters, plus on occasion additional pertinent material, is now published in The CIDX Messenger, the monthly e-newsletter of the Canadian International DX Club (CIDX). For further information, go to <http://www.cidx.ca>

(John Figliozzi, Editor, "The Worldwide Listening Guide", 192 page 8th edition available from Universal Radio [universal-radio.com] and Amazon [amazon.com], Podding Along #192, Nov 24, WOR iog via DXLD)

\*\* **CANADA**. QSL: 1650, CKZN [sic] Gospel. Received an e-mail confirmation for my report within two days, from Andre Joy, General Manager, CJRS. Report reply from LaRadioGospelckzw@videotron.ca (Edward Kusalik, Daysland, Alberta, Canada, Nov 22, ODXA iog via DXLD)

Real call is CJRS, but calls itself CKZW, why? (not CKZN! which was 6160 in Newfoundland) per NRC AM Log (gh, DXLD)

\*\* **CANADA [non]**.

Bible Voice Broadcasting, no signal from Oct.28

0800-0830 on 7220 NAU 100 kW / 260 deg to WeEu English Sat/Sun

1900-2000 on 6030 ERV 100 kW / 330 deg to EaEu English Sun

MISSING TRANSMISSIONS via Media Broadcast, TDF Issoudun & Tashkent

<https://swldxbulgaria.blogspot.com/2018/11/missing-transmissions-via-mbr-tdf.html>

(Ivo Ivanov, SWLDXBulgaria News, Nov 25 Part 2, DX LISTENING DIGEST)

Bible Voice Broadcasting BVB in English via Tashkent, no signal Nov 25 1130-1200 15640 TAC 100 kW / 076 deg to EaAs English Sun, only fair at same time 15640 KWT 250 kW / 070 deg to WeAs Pashto R.Free Afghanistan My last videos of Bible Voice Broadcasting English via Tashkent Nov.18

<https://www.youtube.com/watch?v=ZQOhb3W36z8&feature=youtu.be>

[https://www.youtube.com/watch?v=\\_z9zQ0kJpw4&feature=youtu.be](https://www.youtube.com/watch?v=_z9zQ0kJpw4&feature=youtu.be)

Publikuvano ot Observer ? 11:21 AM

MISSING TRANSMISSIONS via Media Broadcast, TDF Issoudun & Tashkent

<https://swldxbulgaria.blogspot.com/2018/11/missing-transmissions-via-mbr-tdf.html>

(Ivo Ivanov, SWLDXBulgaria News, Nov 25 Part 2, DX LISTENING DIGEST)

## CHINA

\*\* **CHINA**.

7545, CNR 1, November 20, 2018, 1633-1638 in Chinese. SI0 444. Domestic broadcast and/or jamming of RFE in Mandarin. OM speaker with Chinese background music. I cannot detect RFE under the effective jamming. Heavy QRN/QSB

(Vince Henley, Anacortes, WA, U. S. A. Equipment in use: WinRADIO G39DDCe SDR, ICOM IC-R8600, Ten-Tec RX-340, Drake R8B, SDRPLAY RSP Duo, TECSUN PL-880. Antennas: whip on PL-880 and Alpha-Delta DX-Ultra installed broadside east west at 30 feet for all others, NASWA Flashsheet via DXLD)

\*\* **CHINA [and non]**.

7445, CNR1 at 2205 in Mandarin jamming the VOA in Mandarin via Thailand with a man and woman with excited news reporting and promos - Good Nov 20

7445, THAILAND, VOA at 2205 in Mandarin with a telephone interview between two men with possible mentions of "Washington" - Poor under CNR1 jammer Nov 20.

6105, CNR1 at 2243 // 9450 in Mandarin jamming RTI in Mandarin with a man and woman with excited news reporting - Fair Nov 23

9450, CNR1 at 2235 in Mandarin jamming RTI in Mandarin with a man and woman with excited news reporting - Fair Nov 23

9455, FIREDRAKE at 1813 jamming RFA in Mandarin via Biblis, West Germany with the usual cacaphony of string, woodwind, and percussion instrumentals - Weak but audible Nov 24

(Mark Coady, Selwyn, Ontario, Kenwood TS440S or Ten-Tec Argonaut II and 40 and 80 meter off centre-fed dipoles, ODXA iog via DXLD)

\*\* **CHINA [and non]**.

15270, China Radio mainland jamming against co-ch R TWN Chinese, S=8 scratching data block transmission, 20 kHz wide visible. 0115 UT on Nov 26. Seemingly a 24hrs jamming service?

15800even, CNR1 jamming powerful 100 kW or more station spoken CNR1 jamming against Taiwanese SOH Sound of Hope intelligence sce program at 0123 UT Nov 26, \\ CNR1 program on 15370, 15380 kHz, and others. Log Nov 26, 0045 - 0123 UT, at Seoul Rep. of Korea remote unit [selected SDR options, span 12.5 kHz RBW 15.3 Hertz]

(Wolfgang Bueschel, df5sx, wwdxc BC-DX TopNews Nov 26, DX LISTENING DIGEST)

9450, TAIWAN, RTI at 2225 // 7445 in Mandarin with a man and a woman with talk - Fair at first then Poor under CNR1 jammer Nov 26 Coady-ON

9450, CHINA, CNR1 at 2228 in Mandarin jamming RTI in Mandarin signing on with an anthem then going // 7445 with a man and woman with excited news reporting from 2230 - Fair Nov 26

(Mark Coady, Selwyn, Ontario, Kenwood TS440S or Ten-Tec Argonaut II and 40 and 80 meter off centre-fed dipoles, ODXA iog via DXLD)

7345, CNR1 at 2215 // 7445 in Mandarin with a man and woman with some promos then a fanfare at 2216 and a man and woman with excited news reporting - Fair Nov 24 - Another legitimate frequency for this one, however, // 7445 is an example of the Chinese authorities using this frequency to jam western broadcasters. It's always nice to be able to use a // frequency to verify that you are tuned to a jammer rather than the legitimate western broadcaster

(Mark Coady, Selwyn, Ontario, Kenwood TS440S or Ten-Tec Argonaut II and 40 and 80 meter off centre-fed dipoles, ODXA iog via DXLD)

\*\* **CHINA**.

5050, Nov 24 at 2301, JBA talk, certainly not WWRB which has moved to 90m for its limited winter evening schedule. Aoki/NDXC shows nothing but Voice of Beibu Bay Radio, 15 kW, 225 degrees from Nanning 954 site in Chinese at 2300-0100 as of A18 and probably still. A quick 60m bandscan does not find any other carriers likely from Asia now

(Glenn Hauser, OK, WORLD OF RADIO 1958, DX LISTENING DIGEST)

Glenn -- Pretty certain you were hearing Beibu Bay Radio last evening on 5050 kHz. They came on the air (if I'm remembering right) about 2248 with their usual IS, at a pretty good level. It typically fades quickly and is gone by the TOH, but last night it hung on longer than usual and it was still audible (but not readable) here for a bit after 2300. Seems their opening is often audible in our evenings even when other 60M Chinese stations are barely there -- especially now that I've gotten a SAL-12 antenna and I can aim to the SE.

Although their listed s/on is 2300, they generally switch the xmtr on around 2244 to 2248. Sometimes they go through the whole routine -- IS, announcement, and then into music programming -- and sometimes they seem to do a "cold open," jumping right into the music. Regards,  
(Art Delibert, N. Bethesda, MD, HCDX via WORLD OF RADIO 1958, DXLD)

\*\* **CHINA.**

6200, Voice of Jinling, 1232, 11/25/18. Abrupt s/on at \*1232 with romantic ballad in progress, as usual, but then did not follow usual pattern of switching xmtr off for thirty seconds and then turning on again, the old double sign-on. Today just left xmtr running and on the air for good, from the very start. Fair signal today only, noisy  
(Ralphus W Perry, IL, NASWA Flashsheet via DXLD)

\*\* **CHINA.**

9415, Nov 24 at 2257, S8-S9 open carrier; JIP music at 2259:50, CRI theme, ID in Chinese, and into Vietnamese as scheduled at 23-24, 500 kW, 193 degrees from Beijing site  
(Glenn Hauser, OK, DX LISTENING DIGEST)

\*\* **CHINA.**

Winter B-18 frequency changes of China Radio International  
<https://swldxbulgaria.blogspot.com/2018/11/winter-b-18-frequency-changes-of-china.html>  
(Ivo Ivanov, SWLDXBulgaria News, Nov 20-21, DX LISTENING DIGEST)

\*\* **CHINA.**

DRM mode transmissions from three broadcast centers on five frequencies.

9655 and 13850 kHz CNR in DRM mode  
(Information Continuous Update).

On November 19, 2018, the Central People's Broadcasting Station officially launched two frequency test transmissions of DRM short-wave digital broadcasting at 9655 and 13850 {test also on 17800} kHz.

According to the official information, both frequencies were launched in Urumqi, Xinjiang, with a power of 30 kW, mainly for launch in North China and East China.

During the test broadcast, it is necessary to stop from time to time according to equipment debugging or testing.

At the same time, the launch pad staff welcomes conditional enthusiasts to listen to and record the detailed receiving information, and feedback the feedback to the official to improve the launching work.

Feedback E-mail: <rmrtprc@163.com>  
<[https://mp.weixin.qq.com/s/3R-MHlvmdcR\\_Q315qDTaEQ](https://mp.weixin.qq.com/s/3R-MHlvmdcR_Q315qDTaEQ)>

**Frequency change**

(continuous update of information during the test)

On the afternoon of November 15th, the DRM broadcast was launched using the 13850 kHz test on the afternoon of November 16th.

The DRM mode broadcast was transmitted using the 13850 kHz test (mono transmission). On the afternoon of November 17, the DRM mode was tested using the 9655 kHz test.

On November 19th, the broadcast officially launched the two frequencies of 9655 and 13850 kHz on November 19th.

19. November, 1400-1415 Uhr CST / 0600-0615 UTC, 13850 kHz temporary suspension, temporarily switched to 17800 kHz test to transmit DRM broadcast signals.

The official release date of the two frequencies is November 19, 2018.

Actually, on the afternoon of November 15, the Japanese BCLer received the test signal of the 13850 kHz transmission. (Updated on November 19, 2018)

At present, CNR uses a total of five frequency tests to transmit DRM signals.

The parameters disclosed are as follows (Beijing time, CST, UT + 8h)

6030 kHz 0425-0205 CST (not Tue.1400-1700 CST)  
 2025-1805 UTC (not Tue.0600-0900 UTC)  
 BEI Beijing bcast center, Power=30 kW Azimuth=0deg  
 9655 kHz 0600-0900, 1600-2000 CST. 2200-0100, 0800-1200 UTC.  
 URU Urumqi bcast center, Power=30 kW  
 11695 kHz 0900-1700 CST. 0100-0900 UTC.  
 DOF Dongfang island. Power=30 kW Azimuth=41 deg  
 13850 kHz 0900-1600 CST. 0100-0800 UTC.  
 URU Urumqi bcast center, Power=30 kW {also test on 17800}  
 15580 kHz 0900-1700 CST. 0100-0900 UTC.  
 DOF Dongfang island. Power=30 kW Azimuth=16 deg

6030 and 15580 kHz are mainly for North China, and  
 11695 kHz is mainly for East China and South China.  
 9655 and 13850 kHz are mainly for North China and East China.

Die originaere Chinesisch Seite mit dem Google Translator uebersetzt:  
 aus dem Google Translator:

DRM Modus Aussendung des nationalen CNR Programms  
 aus Nordwest China, vom BCast Center Urumqi.

[https://translate.google.de/translate?hl=de&sl=zh-](https://translate.google.de/translate?hl=de&sl=zh-CN&u=https://cahcn.github.io/&prev=search)

[CN&u=https://cahcn.github.io/&prev=search](https://cahcn.github.io/&prev=search)

(BC-DX 20 Nov via DXLD) See also [EAST TURKISTAN](#)

More detailed parameters of CNR DRM mode tests, according to frequency/mode request entries in HFCC file of Nov 20 at 0138 UT. ps. despite Aoki Nagoya database show different Urumqi azimuth of 120degr instead. - is probably just a technical assumption, thought? 98 degrees mainlobe path cross also final Cheju island and southern Japan Nagasaki target.

**[EAST TURKISTAN]**

broadcast center Shangtougongcun, at Hutubi, Changji, Xinjiang, China  
G.C. 44 09 03.29 N 86 53 57.66 E

<<https://goo.gl/maps/DaZV6p8jeHN2>>

(Wolfgang Bueschel, DX LISTENING DIGEST)

Log Nov 26, 0045 - 0123 UT, at Seoul Rep. of Korea remote unit

--- DRM mode tests:

6030, CNR DRM from Beijing bcast center S=9+30dB at 0045 UT on Nov 26

9655, CNR DRM from Urumqi bcast center S=9+25dB at 0050 UT on Nov 26.  
transmission stop at 0100:04, fq change to 13850 kHz  
which TX started 0100:30 UT, seems 25 seconds later on air.

11695, CNR DRM from Dongfang island bcast center, S=9+25dB,  
at 0055 UT on Nov 26.

15580, CNR DRM from Dongfang island bcast center, S=9+25dB,  
at 0057 UT on Nov 26.

13850, CNR DRM from Urumqi bcast center only S=8 in KOR at 0101 UT,  
on Nov 26. Came on air - TX started at 0100:30 UT.

Log Nov 26, 0045 - 0123 UT, at Seoul Rep. of Korea remote unit

[selected SDR options, span 12.5 kHz RBW 15.3 Hertz]

(Wolfgang Bueschel, df5sx, wwdxc BC-DX TopNews Nov 26, DX LISTENING DIGEST)

\*\* CHINA [and non].

7490.0, Sat Nov 24 at 2310, WBCQ classic rock music circa 7490.1 again has het from a 7490.0 station. Maximum processing on the NRD-545 --- very narrow bandwidth, passband, LSB and notching audibilizes Chinese talk separable from `BCQ, better on N/S than E/W antenna. Probably CNR1, maybe jammer. Latest Aoki/NDXC of Nov 24 still has not caught up with this NF, showing only WBCQ and WWCN anywhen on 7490. Fortunately, M-F the 23-24 hour on WBCQ is occupied by total BS (Glenn Hauser, OK, WORLD OF RADIO 1958, DX LISTENING DIGEST) Also heard about a week later  
(gh)

## COLOMBIA

\*\* COLOMBIA.

6010, La Voz de tu Conciencia - Puerto Lleras (Tentative), 0042, 11/24/18, in Spanish. Man and woman alternating with items for a while then talking. Listened quite a while and didn't hear any identifying information for station ID since I haven't heard Conciencia in some time. Poor - fair

(Mark Taylor, Madison, Wisconsin. Equipment: Perseus, Elad FDM-S2, Airspy HF+, ICOM R75, Tecsun PL 880, and various other portables; 42 meters dipole, 100' long wire, W6LVP loop, NASWA Flashsheet via DXLD)

Often look for it here but no luck; suspect like the other HJDH on 5910.3, is totally off. Other stations on 6010 in our evenings per Aoki, starting with discounting XEOI Mexico which is imaginary:

At this time only Inconfidencia, Brasil, which is also very weak and/or irregular, and of course in Portuguese if you are positive you heard Spanish. Later: 0230-0330 BBC Persian via Bulgaria; 0330-0430 BBC Persian via Uzbekistan. 0300-2100 R. Bahrain. Earlier: 2155-2400 CNR-11 in Tibetan via Baoji site  
(gh, DXLD)

## CONGO

### \*\* CONGO.

6115, Radio Congo, Brazzaville, 0550-0606, 23-11, French, comments, female, male, African songs. 15321. Also \*0616-0650, 24-11, French, "Chers auditeurs, bon jour, Radio Congo, notre service national", news, comments, at 0635 Vernacular comments. 25322  
(Manuel Méndez, Lugo, Spain, Logs in Friol, Tecsun S-8800, cable antenna, 8 meters, WOR iog via DXLD)

## CUBA

### \*\* CUBA.

530, Nov 21 at 0259, silly ballgame in Spanish // 5025 Rebelde, mixing with the EZL music from Enciclopedia. Two Rebeldes are listed, Guantánamo and Caribe, Isla Juventud, and I'll settle for the closer. Also considerable het from 531: see [ALGERIA](#)  
(Glenn Hauser, OK, DX LISTENING DIGEST)

### \*\* CUBA [and non].

4765, Radio Progreso at 0308 in Spanish with western pop music then "The Star Hustler" theme music and a man with talk with a mention of "Progreso" and into American jazz vocals then a full ID at 0315 with promos - Poor to Fair Nov 20 -

"The Star Hustler" was a short program on astronomy produced by Jack Horkheimer and broadcast, usual late at night, on PBS TV stations. An internet search revealed that its theme music was Isao Tomita's electronic keyboard rendition of Claude Debussy's "Arabesque No. 1". This rendition definitely has an outer space feel to it  
(Mark Coady, Selwyn, Ontario, Kenwood TS440S or Ten-Tec Argonaut II and 40 and 80 meter off centre-fed dipoles, ODXA iog via DXLD)

4765, Nov 22 at 0131, R. Progreso mixing talk and music, a double feed? No, then music only so apparently intentional programming. 0424 recheck, now it's suported as yet another Cuban transmitter is ailing; and vs CODAR on both sides, inevitable by LSB/USB. Something's always wrong at RadioCuba  
(Glenn Hauser, OK, DX LISTENING DIGEST)

Some quick report this Nov 20 morning: As always 5040 kHz Bauta never be on air in 6-7 UT slot. This morning Quivican was on real 6150even channel - instead of 6000 kHz, RHC En 6-7 UT, \\ 6100even, and 6060.004 kHz.

R Rebelde Bauta overmodulated on 5025even.

6165 kHz Bauta was on air shortly after 06 UT, but had left/break the air already when checked twice in the hour to 07 UT  
 [selected SDR options, span 12.5 kHz RBW 15.3 Hertz]  
 (Wolfgang Bueschel, df5sx, wwdxc BC-DX TopNews Nov 20, DX LISTENING DIGEST)

6000 & 6165, Nov 20 at 0723, both these RHC frequencies are off, leaving us with only 6060 & 6100.

6150, however, Nov 20 at 0724 sports an S9+10 carrier maybe just barely modulated and seems like RHC; 6150 is their secret new frequency normally on air from \*1200, and reconfirmed today before 1400. Something's always wrong at RHC.

15140, Nov 20 at 1411, this RHC is AWOL again, while 15230 remains. Something's always wrong at RHC.

11760, Nov 20 at 1448, this RHC is very undermodulated, compared to 15230, 13700, etc. Something's always wrong at RHC.

9720, Nov 20 at 2245, RHC is on at S9+35, just barely modulated and suptorted, playing their IS at a very odd time; then I can recognize the voice, but not understand it, of Arnie Coro, so we are amid the mitweek edition of `DXers Unlimited`. Wiggle that patchcord! Something's always wrong at RHC.

5040, Nov 21 at 0145 & 0413 chex, RHC's tropical band transmitter is still off as it has been for a few nights now. 5025 & 4765 remain with domestic relays. Something's always wrong at RHC. Whatever became of the 90m plan Arnie forecast several times?

6165 // 6000, Nov 21 at 0151, RHC English is already on! Winter start is supposed to be 0200; are the sloppyrators at RadioCuba still confused about the timechange, or what? At least it sort of compensates for missing 5040. Something's always wrong at RHC  
 (Glenn Hauser, OK, DX LISTENING DIGEST)

RHC / CRI [Nov 21]

- 6150even RHC Quivican San Felipe TITAN outlet, 250 kW, S=9+15dB 12-14 UT, nothing heard so far today Nov 21 on 6000 kHz. nor on (2nd scheduled) 9600 kHz entry muddle.
- 9535.004 RHC Bejucal S=8-9 in NY, Detroit MI, and Alberta CAN at 1250 UT on Nov 21.
- 9570even CRI Beijing via Quivican San Felipe TITAN outlet S=9+25dB at 1256 UT on Nov 21, in Cantonese language.
- 9640.004 {non} RHC Bejucal o f f air at 1255 UT.
- 11760even RHC Bauta, S=9+20dB at 1300 UT in MI state.
- 11950even RHC Bauta in Spanish, S=9+15dB at 1305 UT.
- 13780.008 RHC Bejucal site in Spanish, S=9 at 1310 UT.
- 15230even RHC Quivican San Felipe TITAN outlet, 1312 UT S=9+5dB signal backlobe towards Brazil & Argentina {despite scheduled on 15140 kHz ? - latter nothing}

[selected SDR options, span 12.5 kHz RBW 15.3 Hertz]  
 (Wolfgang Bueschel, df5sx, wwdxc BC-DX TopNews Nov 21, DX LISTENING DIGEST)

15230, Nov 21 at 1455, no signal, this RHC is missing, while 15140 on the contrary is active today --- but S9+10 of dead air until shortly cuts on for outro of `Estampas de Cuba` show. But then 15140 transmitters cuts on and off and on and off, and so does the modulation separately past 1500, so is that because of a site swap from Quivicán to Bauta? No, that`s not scheduled until 1600. By 1530 recheck, 15140 is staying on and also modulating. And by now 15230 has also come up. Something`s always wrong at RHC.

15370, Nov 21 at 2047, zero signal from RHC which is supposed to start French to Europe here at 2030; 15140 is on in English. Something`s always wrong at RHC.

9720, Nov 21 at 2059, RHC IS, S9+20/30, Spanish ID undermodulated, 2100 French, as now successfully rescheduled from two hours later, for countless more potential Africans awake.

6000 // 6165, Nov 22 at 0119, RHC English already running again during hour previous to B-18 scheduled start; are they confused about the timeshift, or intentionally changed back to avoid wasting an hour of prime time? 6000 is sufficient at S9+10/20, while 6165 is S9+20 but JBM. Something`s always wrong at RHC. 5040 is also still AWOL for several nights now.

6000, Nov 22 at 0701, this is the \*only\* RHC transmitter still on air for final hour in English, not 5040, 6060, 6100 nor 6165. This-day-in-history, an anti-American event of course, but even 6000 cuts off at 0702\* just as the Headlines are starting. Something`s always wrong at RHC. Or, maybe they are intending to close everything circa 0700 instead of 0800, since they are starting the English cycle at 0100 instead of 0200

(Glenn Hauser, OK, DX LISTENING DIGEST)

RHC / CRI on Nov 22 local Cuban morning

6150even RHC Quivican San Felipe TITAN outlet, 250 kW, S=9+15dB  
12-15 UT, nothing heard so far today Nov 22 on 6000 kHz.  
nor on (2nd scheduled) 9600 kHz entry muddle.  
9535.xxx RHC Bejucal NOT ON AIR at 1400 UT on Nov 22.  
9640.xxx RHC Bejucal NOT ON AIR at 1401 UT.  
11760even RHC Bauta, S=9+20dB at 1350 UT in MI state.  
11950even RHC Bauta in Spanish, NOT ON AIR at 1355 UT.  
13780.023 RHC Bejucal site in Spanish, S=9+20 at 1345 UT.  
15140even RHC rather RHC Bauta site outlet, 1343 UT  
S=9+20dB signal sidelobe towards CA/WA 325 degr ?  
15230even RHC Quivican San Felipe TITAN outlet, 1340 UT  
S=9+25dB signal backlobe towards Brazil & Argentina  
15700 CRI Quivican San Felipe TITAN, 1408 UT NOT ON AIR

at re-check 1520 UT, CRI English on S=9+25dB level on 15700 kHz  
Quivican ON AIR now today. also OFF AIR in 15-16 slot 6150 and 13780  
kHz. Always a surprise

[selected SDR options, span 12.5 kHz RBW 15.3 Hertz]

(Wolfgang Bueschel, df5sx, wwdxc BC-DX TopNews Nov 22, DX LISTENING DIGEST)

15140 // 15230, Nov 22 at 1421, RHC manages to run \*both\* 19m frequencies today! BUT, at 1507 I find 15230 is S9+10 of music with some distortion, while 15140 is S9+30 of dead air. `Sonido Cubano` modulation suddenly cuts on 15140 at 1516, show running until 1549 with some great music including mambo. Something`s always wrong at RHC (Glenn Hauser, OK, DX LISTENING DIGEST)

9720, RHC at 2140. Man and woman with news commentary in Spanish - Good, Nov 22  
(Rick Barton, AZ, WOR iog via DX LISTENING DIGEST)

6165, Nov 23 at 0315, this RHC English is off, but 6000 is on; and so is 6060 in Spanish. Something`s always wrong at RHC.

6000, 6060, 6100, 6165, Nov 23 at 0719, all RHC English are off, despite local hi noise level, and propagation is OK since 6090 Anguilla is on for a change and in. Something`s always wrong (or changed) at RHC.

13700, Nov 23 at 1503, this RHC fails to flank itself with the plus/minus 23+ kHz parasitic spurs, even tho the fundamental hits S9+40. Something`s not wrong at RHC. I`ve checked for them almost every day since first detected.

15700, Nov 23 at 1505, CRI Plus relay is S9+40 but modulation suptorted = suppressed/distorted. Wiggle that patchcord. Something`s always wrong at RadioCuba.

15230, Nov 23 at 1516, RHC is S9+20 and suptorted but better than 15700 CRI relay. Something`s always wrong at RHC. Meanwhile, RHC 15140 is on and OK at S9+20  
(Glenn Hauser, OK, DX LISTENING DIGEST)

[and non]. Nov 24, 0040-0110 UT log --- VERY BAD propagation tonight, when checked Cuban stations here in Germany, England, NY/MI US states, and at Alberta Canada.

5010even, USA, WRMI Okeechobee Florida relay of Slovak Republic Bratislava Spanish foreign program noted, very poor S=5 signal at 0040 UT on Nov 24.

5025even, R Rebelde, Sp, S=9+15dB at 0044 UT, speech by male, rather fine S=9+20dB long distance signal also in Germany.

5040even, RHC Bauta only S=5, weaker than 5025 kHz. In Germany bad mixture both signals co-channel, also AIR Kolkata India same strength.

6000even, RHC Quivican TITAN 250 kW unit, till cl-down at 0100 UT, musica program, S=9+20dB. But at 0100 UT TRT Emirler appeared on that channel, in Germany S=9+40dB powerhouse

6060.002, RHC Bauta opened at 0100 UT, S=8-9 signal strength in Detroit and Rochester.

9535even, and 11760even doesn't appeared on US state SDRs, but on S=6 just above threshold level in Europe. Probably 11700 kHz also at threshold.

NIL - NOTHING traced on 9640, 11670, 11840, 13740, 15730 kHz tonight. 11670 kHz only CNR 2nd program at S=6 level.

11950 kHz, 0104 UT on Nov 24, in Germany had terrible mixture of RHC?, RFA Kuwait Tibetan, and China mainland 10 kHz wide jamming disturbtion. 73 wb df5sx  
(Wolfgang Bueschel, 0132 UT Nov 24, DX LISTENING DIGEST)

6165, Nov 24 at 0148, no signal from RHC English, which had been showing up last few nights in the hour before 0200; 6000, at 0150 is signaling S9+10 fading to S7 of dead air, which would qualify as just a warmup for \*0200. At 0205 recheck, 6000 is in English programming and 6165 is still AWOL. Something's always wrong at RHC.

5040, Nov 24 at 0203, this RHC is back on, VG loud & clear. It had not been heard since Nov 16 on nightly chex. Something was always wrong at RHC. Nominal B-18 sked for 5040 is: 22-24 Spanish, 00-01 English, 01-02 Creole & French, 02-06 Spanish, 06-07 English.

6000, Nov 24 at 0726, this is the only RHC English frequency still running, altho with a song in Spanish, S9+20/30. All others of The Cuban Five are off: 6165, 6100, 6060, 5040. It's totally unclear whether the evening English span is now supposed to be 01-07, 01-08, 02-07 or 02-08 UT. It may depend on which malinformed operators be on duty at the sites. Something's always wrong at RHC  
(Glenn Hauser, OK, DX LISTENING DIGEST)

RHC / CRI on Nov 24 local Cuban morning.

6150even, RHC Quivican San Felipe TITAN outlet, 250 kW, S=9+20dB at 1300 UT Nov 24 in remote Alberta Canada SDR unit, scheduled 12-14 UT.

S=9+10dB in NY remote unit at 1327 UT.

Nothing heard so far today Nov 24 on 6000 kHz.

nor on (2nd scheduled) 9600 kHz entry muddle.

6150 kHz OFF air at 1410 UT.

9535.002, RHC Bejucał S=8-9 in NY, Detroit MI, and S=6 in Alberta CAN at 1304 UT on Nov 24.

9570even, CRI Beijing via Quivican San Felipe TITAN outlet S=9+25dB in NY state, S=9+10dB in Alberta CAN, at 1306 UT on Nov 24, in Cantonese language.

Today rather broadband of unbelievable 24 kHz audio block.

9640.003, RHC Bejucał Spanish at 1308 UT. S=7-8 in Edmonton Alberta and S=7 in NY remote site. Locutora Maria Lopez report on Espana government visit at La Habana.

<https://www.archyworldys.com/three-decades-later-a-spanish-president-visits-cuba/>>

{maybe they will overcome the economic embargo ? wb. }

11760even, RHC Bauta, S=8-9 only at 1310 UT in Alberta remote site and only fair S=7 in MI & NY state sites.  
QRM co-channel by strong CRI Kunming China in English.  
Much, much stronger at 1416 UT on S=9+25dB level.

11950even, RHC Bauta in Spanish, S=8-9 at 1311 UT on Nov 24.  
hefty sidesplash interference by RRI Galbeni Romania signal in Arabic on neighbour 11945 kHz at 1323 UT.  
11950 kHz OFF air at 1411 UT.

13780.010, RHC Bejucał site in Spanish, S=8-9 in Alb-CAN at 1313 UT.  
Rather stronger backlobe S=9+10dB signal at NY-US at 1325.

15140even, RHC rather Bauta? site outlet, 1316 UT at Alberta CAN, S=2 or -112dBm hefty under threshold signal sidelobe towards CA/WA 325 degr ?  
S=9 in NY US state SDR remote unit at 1326 UT.  
Excellent audio quality S=9+20dB at 1413 UT.

15230even, RHC Quivican(?) San Felipe TITAN outlet, 1318 UT, today much poor signals in 19mb in early 13 UT morning.  
S=5 or -96dBm in Alberta CAN. But later at 1328 UT noted like S=9+15dB in NY US state.  
At 1322 UT locutora Maria Lopez present, in Spanish.

But next check after 14 UT and sign-off 6150, and sign-on 15700 at Quivican noted much TERRIBLE AUDIO FEED to TITAN site, S=9+20dB at 1411 UT.

15700, CRI English progr Quivican San Felipe TITAN, 1413 UT on Nov 24, Excellent S=9+20dB signal in NY and Alberta.

[selected SDR options, span 12.5 kHz RBW 15.3 Hertz]  
(Wolfgang Bueschel, df5sx, wwdxc BC-DX TopNews Nov 24, HCDX via DXLD)

9720, Nov 24 at 2255, RHC English is S9+50! but undermodulated. Maybe axually started at 2200 today? Something`s always wrong at RHC  
(Glenn Hauser, OK, DX LISTENING DIGEST)

11950, RHC at 1329 in Spanish with two women in a recorded interview then a woman with a "Radio Habana Cuba" ID and website at 1330 and back to the interview - Great signal but greatly overdriven audio Nov 25 - It was too painful to listen to this. Does RHC care about their Spanish-speaking audience or do they want to blow their ears up and make them get hearing aids? (Mark Coady, Selwyn, Ontario, Kenwood TS440S or Ten-Tec Argonaut II and 40 and 80 meter off centre-fed dipoles, ODXA iog via DXLD) I don`t think they discriminate against the SS --- it`s \*all\* their listeners  
(gh, DXLD)

15230, Sunday Nov 25 at 1412, RHC is S9+10 but suptorted in `Amigos de Cuba`, positive-only mailbag; while // 15140 is OK at S9. Something`s always wrong at RHC. It seems that 15230 is not on the B-18 morning schedule at all.

13845, Nov 25 at 1414 starting scan down this band, huge filthy blob, WPCR out of order? NO, WPCR is totally obliterated (as opposed to merely obliterated?) by reactivated RHC-FM, quite clear audio when switched to NBFM reception, and with that F# above Cmiddle constant tone, just like used to emanate from the 13700 transmitter.

But NOW, it`s the transmitter on 13780 which is spewing this at plus/minus 65 kHz intervals, obviously the same unit which did this from 13700. Further RHC-FM frequencies now heard are: 13910, 13715, 13650. These first- and second-order ones at 65 and 130 kHz away are very strong: S9+10 on 13910, S9+20 on 13845. Further ones detected but much weaker: 13585, 13520, 13975. Anything on 14040 cannot get thru a huge pileup of CW hams; must be a contest. // 13700-AM was off at first, but soon on and now nothing to do with all this. By 1522 recheck, all gone as fundamental 13780 is off, and uncovering VP WPCR -AM on 13845. Altho 13780 ex-13740 has been in use for a couple weeks, first time I`ve had any sign of the FM panoply. Something`s always wrong at RHC  
(Glenn Hauser, OK, WORLD OF RADIO 1958, DX LISTENING DIGEST)

It's rather remarkable that Wolfie never hears these FM spurs --- maybe he is checking only known fundamental frequencies rather than bandscanning

(gh, DXLD)

15140, RHC at 1909 in Arabic with a man with talk with mentions of "Cuba" – Fair with deep fades Nov 25 – Yes, this is RHC and not Radio Sultanate of Oman! You have to be careful as Dan Ferguson's SW Skeds spreadsheet is confusing as the Aoki list says Arabic and the Eibi list says English at this hour. The Aoki and Eibi lists disagree on this one at 2000, as well. The Aoki list says English and the Eibi list says French. French, according to the Aoki list, is at 2100. By the way, there is nothing on the spreadsheet from the HFCC as Cuba does not recognize or participate in the High Frequency Coordination Conference which is too bad as the confusion could easily be avoided (Mark Coady, Selwyn, Ontario, Kenwood TS440S or Ten-Tec Argonaut II and 40 and 80 meter off centre-fed dipoles, ODXA iog via DXLD)

Fergie must have still been using an old EiBi list before the unDST time changes

(gh, DXLD)

Unscheduled transmission of R Habana Cuba in Esperanto Nov 25 [Sunday] 2145-2200 11760 BAU 100 kW / non-dir to NCAm Esperanto, good signal and

2200-0300 11760 BAU 100 kW / non-dir to NCAm Spanish, as scheduled B18

[https://www.youtube.com/watch?v=knYKhRz\\_jvA&feature=youtu.be](https://www.youtube.com/watch?v=knYKhRz_jvA&feature=youtu.be)

<https://www.youtube.com/watch?v=2jnfdsXTi2w&feature=youtu.be>

(Ivo Ivanov, SWLDXBulgaria News, Nov 25 Part 2, DX LISTENING DIGEST)

13780-AM, Nov 26 at 1433, RHC is back in whack without spewing all the FM spurlobs every 65 kHz as heard 24 hours earlier. Something's not wrong at RHC

(Glenn Hauser, OK, DX LISTENING DIGEST)

## EAST TURKISTAN

### \*\* EAST TURKISTAN.

4850, CHINA P.R., PBS Xinjiang, Urumqi-Changji, 11.10.2018 0140-0202 woman talk in Chinese (p), slow song, woman talk over slow music in possible Kazakh (as scheduled), from 0154 woman /man talk, music pause with brief announcements, and continuing woman talk over music, announcements over slow music, song with woman talk over it, music pause and man brief announcement, time pips (0200) woman brief announcement, slow music pause and other man /woman announcements, pop music pause and woman talk, heard in ssb, moderate qrn, fair.

4979.98, CHINA P.R., PBS Xinjiang Urumqi-Changji, in Uighur 11.10.2018 0126-0137 slow songs, one time pip at 0130, man/woman announcements over slow music, talk program, heard in ssb, moderate qrn statics, fair.

5060, CHINA P.R., PBS Xinjiang, Urumqi-Changji in Mandarin (as scheduled) 11.10.2018 0100-0116 woman / men talk (ment. Zhongguo), with two brief announcements over music, other many announcements also over music till 0112 (presumed advertising, ment Zhongguo), woman/man talk, heard better in Usb with inter filter to nullify het, moderate qrn, fair.

4500, CHINA P.R., PBS Xinjiang, Urumqi Changji in Mongolian 11.14.2018  
 1616-1629 western pop song, man/woman talk, music pauses and woman  
 talk, heard in lsb, mild/moderate at times qsb and rustle qrn, fair;  
 in //6190 qrm strong splats, poor (Gianni Serra - Roma-Italy, JRC NRD  
 525 receiver; Alpha Delta DX-SWL Sloper-S antenna; RG 8 mini coaxial  
 cable; JPS NIR 12 Noise & Interference Reducer-Dual DSP outboard audio  
 filter; JRC NVA 319 external loudspeaker unit; Sony MDR-101 stereo  
 headphones; DX LISTENING DIGEST) DRM tests from Urumqi: see [CHINA](#)

\*\* [EAST TURKISTAN](#). China National Radio Urumqi DRM Test

Aus aus Urumqi testet China in DRM, wie in der WRTH-Facebookgruppe  
 durch Mauno Ritola weitergereicht wurde, Sendeleistung demnach 30 kW.  
 2200-0100 & 0800-1200 9655 kHz  
 0100-0800 13850 kHz

Im KiwiSDR von Fenu in der Schweiz beispielsweise kommt die 9655 kHz  
 mit einem SNR bis 13 dB an, das reicht allerdings nur für die Kennung.  
 Hier vor Ort aufgrund Störnebels nicht zu machen. 73,  
 (Daniel Kähler, Nov 19, A-DX, via Wolfgang Bueschel, DXLD)

## ECUADOR

\*\* [ECUADOR](#).

6050, HCJB, Pichincha/Tena, 1050, 11/25/18. Like a local this morning,  
 armchair signals with a lovely folklorico music program at 1050 t/in.  
 Quenas and charango, then a nice duet by OM and YL in Quechua with  
 plucked guitar. OM giving live time/checks between songs. This brings  
 back memories of the good old days of morning campesino music shows  
 that opened every OA/CP and HC station's program day  
 (Ralphus W Perry, IL, NASWA Flashsheet via DXLD)

## EQUATORIAL GUINEA

\*\* [EQUATORIAL GUINEA](#).

5005, Radio Nacional, Bata, 0532-0550, 21-11, Spanish, program  
 "Panorama Nacional", local news with correspondents, "Buenos días a  
 todos los oyentes de Panorama Nacional. 15321. Also 0504-0612, 24-11,  
 open with African songs, at 0515 songs and poems in Spanish, at 0535:  
 "Las seis de la mañana con 35 minutos, Programa Literario", more poems  
 and sons in Spanish, at 0559 advertisements: "Enfermedades de  
 transmisión sexual, acude a tu centro de salud", at 0605 news. 25322  
 (Manuel Méndez, Lugo, Spain, Logs in Friol, Tecsun S-8800, cable  
 antenna, 8 meters, WOR iog via DXLD)

5005, Radio Bata, \*0504, open with African songs, good and clear  
 signal. 35433  
 (Manuel Méndez, Lugo, Spain, Log in FRIOL, Nov 24, WOR iog via DXLD)

## ERITREA

### \*\* ERITREA.

7140, Voice of the Broad Masses of Eritrea 1, Asmara, 0337- 0406 Nov 20, finally enough audio with a man announcer speaking in the listed Tigrinya language. Brief musical selection but programming was mainly conversations between several people. Weak but in the clear.  
(D'Angelo-PA/FCDX)

7180, Voice of the Broad Masses of Eritrea 2 (Dimtsi Hafash)- Asmara, 0330-0407 Nov 20, finally clear of amateur QRM noted with man announcer speaking in listed Amharic language. At 0335 some flute music before another man began speaking. Whistling and HoA vocals commenced at 0337. Poor amid amateur QRM.

(Rich D'Angelo, French Creek State Park DXpedition No. 56, November 18, 19 and 20, 2018, Equipment: Ten-Tec RX-340, Drake R-8B and an Eton E1, 500-foot wire essentially north for the RX-340 and 250-foot wire essentially northeast for the R-8B and a whip antenna for the E1, Nov 25, NASWA yg via DXLD)

Tiny signal of Asmara at 0612 UT on 7180.020 kHz, but not on 7140.020 kHz, nothing traced of 7120 kHz from Somaliland on Nov 20 [selected SDR options, span 12.5 kHz RBW 15.3 Hertz]

(Wolfgang Bueschel, df5sx, wwdxc BC-DX TopNews Nov 20, DX LISTENING DIGEST)

7140.021, Asmara NOT ON AIR. 7180.020, Asmara tentative poor S=5-6 signal these days, noted in Doha Qatar SDR site. At 1648 UT on Nov 24 [selected SDR options, span 12.5 kHz RBW 15.3 Hertz]

(Wolfgang Bueschel, df5sx, wwdxc BC-DX TopNews Nov 24, HCDX via DXLD)

[and non]. 7180, Nov 26 at 1505, JBA carrier presumed VOBME, stronger than 7120 presumed Somaliland, longpath INTRUDERS, but 7180 soon goes off and by 1507 LSB ham occupies.

7140, the other VOBME, even weaker JBA carrier at 1506, less than 7120. Of course it's possible someham(s) could be messing around with AM carriers

(Glenn Hauser, OK, DX LISTENING DIGEST)

### \*\* ERITREA [non].

9720, BULGARIA, Dimtse Radio Erena at 1704 in Tigrinya with two men with banter and a man with a mention of "Radio Erena" at 1705 - Fair with fading Nov 25

(Mark Coady, Selwyn, Ontario, Kenwood TS440S or Ten-Tec Argonaut II and 40 and 80 meter off centre-fed dipoles, ODXA iog via DXLD)

## ETHIOPIA

**\*\* ETHIOPIA.**

6090, Amhara State Radio - Addis Ababa, 2025-2101\* Nov 19, man announcer hosting Horn of Africa vocals program. Closedown announcements and station ID at 2058 followed by choral national anthem. Fair (Rich D'Angelo, French Creek State Park DXpedition No. 56 (November 18, 19 and 20, 2018), Equipment: Ten-Tec RX-340, Drake R-8B and an Eton E1, 500-foot wire essentially north for the RX-340 and 250-foot wire essentially northeast for the R-8B and a whip antenna for the E1, Nov 25, NASWA yg via DXLD)

**\*\* ETHIOPIA [non].**

LWF Lutheran World Federation/Voice of Gospel,  
no signal from Nov 18

1830-1900 9800 ISS 500 kW / 170 deg to WCAf Fulfulde Sawtu Linjilia  
My last video of LWF Lutheran World Federation/Voice of Gospel,  
Nov.12:

<https://www.youtube.com/watch?v=EpiREDnhECY&feature=youtu.be>

MISSING TRANSMISSIONS via Media Broadcast, TDF Issoudun & Tashkent

<https://swldxbulgaria.blogspot.com/2018/11/missing-transmissions-via-mbr-tdf.html>

(Ivo Ivanov, SWLDXBulgaria News, Nov 25 Part 2, DX LISTENING DIGEST)

**\*\* ETHIOPIA [non].** Radio Voice of Independent Oromiya,  
no signal from Nov.18

1600-1630 on 17850 ISS 250 kW / 130 deg to EaAf Oromo Sun

My last video of R. Voice of Independent Oromiya, Nov.11

<https://www.youtube.com/watch?v=5L2ix363DL4&feature=youtu.be>

MISSING TRANSMISSIONS via Media Broadcast, TDF Issoudun & Tashkent

<https://swldxbulgaria.blogspot.com/2018/11/missing-transmissions-via-mbr-tdf.html>

(Ivo Ivanov, SWLDXBulgaria News, Nov 25 Part 2, DX LISTENING DIGEST)

**\*\* ETHIOPIA [non].**

FRANCE, Reception of BRB Voice of Amara Radio  
via TDF Issoudun on Nov 24

1700-1757 15360 250 kW / 120 deg EaAf Amharic Mon/Wed/Sat, fair/good

<https://swldxbulgaria.blogspot.com/2018/11/reception-of-brb-voice-of-amara-radio.html>

(Ivo Ivanov, SWLDXBulgaria News, Nov 24, DX LISTENING DIGEST)

## EUROPE

**\*\* EUROPE.**

FRS Streaming in November --- Internet streams in November following last Sunday's broadcast. Details are now available via

<http://www.frsholland.nl/20-latest-news/126-streaming-in-november-2019.html>

(Roberto Scaglione, Sicily, Nov 21, shortwave yg via DXLD)

## FRANCE

### \*\* FRANCE.

Since 28 October RFI Paris in English is not heard anymore at 0600-0700 UT on 7245, 9735 or 11830 kHz or everywhere. Asking to their Saturday progr "Sounds Kitchen"- their answer is "the broadcasts in English on SW will be stopped from 18 Nov 1918 (Rumen Pankov-BUL, via wwdxc BC-DX TopNews Nov 11, BC-DX 20 Nov via WORLD OF RADIO 1958, DXLD)

This morning's "Paris Live" program began, curiously, with an interview with Daniel Singleton, the head of RFI English. It was as if the English service felt the need to explain or justify its new format on its second day. Singleton said studies showed that listenership was "not as high as we would hope for," hence a shift to web articles and podcasts. He described this as the "best use of our limited resources." "We had to move away from breaking news, hard news," he said. No mention was made of shortwave broadcasting. After this segment, the show proceeded to its normal content, which again today began with the host interviewing RFI journalists on different subjects (Mike Cooper, Nov 20, WORLD OF RADIO 1958, DXLD)

Curious about the effect of the termination of RFI English morning and weekend programs, I checked the RFI English audio stream. It's now running RFI Musique programming on the weekends. I checked WRN's North American service at 1600 UT and found RFI French running on WRN English. One wonders when WRN will notice (Mike Cooper, Nov 25, WORLD OF RADIO 1958, DXLD)

## GERMANY

\*\* GERMANY. QSL: 6095, Radio Emmelourd Special BC via Nauen E-mail .pdf QSL's with three views of the site of the studio, countrysides and QSL with my name and verification statement. Reply in 30 days v/s: Dick Offringa. This for an e-mail report sent to info@radioemmelord.nl (Edward Kusalik, Daysland, Alberta, Canada, Nov 22, ODXA iog via DXLD)

\*\* GERMANY. Fair signal of New Shortwave Radio for Europe, Nov.20 0800-1500 on 6160 WIS 001 kW / non-dir to NWEu English Daily <https://swldxbulgaria.blogspot.com/2018/11/fair-signal-of-new-shortwave-radio-for.html> (Ivo Ivanov, SWLDXBulgaria News, Nov 20-21, DX LISTENING DIGEST)

### \*\* GERMANY.

New time of R Waves International via Channel 292, Nov 24 0600-0700 6070 ROB 010 kW / non-dir CeEu English/French Sat, ex 07-08 not parallel 7440 ROB 010 kW / non-dir to CeEu other music program <https://swldxbulgaria.blogspot.com/2018/11/new-time-of-radio-waves-international.html> (Ivo Ivanov, SWLDXBulgaria News, Nov 24, DX LISTENING DIGEST)

I notice on the Channel 292 website <http://www.channel292.de> that both 6070 and 7440 kHz are scheduled as "Off-Air" from 3 to 9 December (inclusive). No reasons are given (Alan Roe, Teddington, UK, Nov 19, WOR iog via WORLD OF RADIO 1958, DXLD)

Due to maintenance work, both Channel 292 frequencies (6070 & 7440 KHz) are Off-Air - during the 1st week of December 2018!

(Channel 292 @Channel292 on Twitter, 22 Nov via Alan Pennington, *ibid.*)

**\*\* GERMANY.**

11900, EAST GERMANY, Bible Voice Broadcasting at 1445 with a man opening a Gospel program and into a woman singing "The Rainbow Yodeling Song" - Good with fading Nov 24 - I was not aware that yodeling was considered to be part of Gospel music. I wonder if Paul Harvey is chuckling to himself in the afterlife and saying "Now, you know the rest of the story."

(Mark Coady, Selwyn, Ontario, Kenwood TS440S or Ten-Tec Argonaut II and 40 and 80 meter off centre-fed dipoles, ODXA iog via DXLD)

**\*\* GERMANY [and non].**

AUSTRIA/GERMANY, Radio DARC via Moosbrunn and Rohrbach, Nov 25:

1000-1100 on 6070 MOS 100 kW / non-dir to CeEu German Sun, very good

1000-1100 on 7440 ROB 010 kW / non-dir to CeEu German Sun, weak/fair

[https://swldxbulgaria.blogspot.com/2018/11/reception-of-radio-darc-via-moosbrunn\\_25.html](https://swldxbulgaria.blogspot.com/2018/11/reception-of-radio-darc-via-moosbrunn_25.html)

(Ivo Ivanov, SWLDXBulgaria News, Nov 25, DX LISTENING DIGEST)

**\*\* GERMANY [non].**

9395, USA, DW (via WRMI) at 2220 with an African-accented man and a woman reading a listener's letter about his feelings on an African issue then an "Africa Link" program ID at 2221 and into "On The Spot" with the man and woman introducing a report from another African-accented woman from Nigeria about prison reform - Very Good Nov 21 - The only way to hear DW in English is this feed from the World Radio Network (WRN) which is available via direct to home satellites, cable tv, live internet streaming, local radio stations, shortwave stations like WRMI, and the Tune-in app for smart phones. For more info see:

<http://babcock.media/world-radio-network/how-to-listen>

15195, FRANCE, DW at 1503 // 15320 (Fair to Good with fading also via France) in Hausa with a man with excited Bundesliga football coverage and a woman with colour commentary mentioning players from Nigeria and Burkina Faso - Very Good Nov 24

(Mark Coady, Selwyn, Ontario, Kenwood TS440S or Ten-Tec Argonaut II and 40 and 80 meter off centre-fed dipoles, ODXA iog via DXLD)

5950 // much stronger 9395, Nov 24 at 2246, DW via WRN via WRMI concluding a report from South Africa, next about ``repatriation`` of Mexicans and even Mexican-American citizens not now but during the Hoover admin almost a century ago; Neal King, British accent, introduces that segment from ``Loss Angelease``, accompanied by ``La Golondrina`` tune the victims heard as they were expelled ``for their own good``. Program outro later as `World Link`.

Mispronouncing L.A. is worse than Americans mispronouncing Birmingham, England, as Britain has no Los Angeles at all, and should be pronounced just as Americans do, mis-pronouncing Spanish

(Glenn Hauser, OK, WORLD OF RADIO 1958, DX LISTENING DIGEST)

## GOA

### \*\* GOA.

11620, AIR (Panaji) at 1405 in Nepali with subcontinental vocals and a man with brief but barely audible talk at 1413 then Bollywood vocals then very audible talk by a man from 1419 to 1430 and off – Barely audible to Fair with deep fading Nov 24 – Dan Ferguson's latest SW Skeds spreadsheet the HFCC say English via Delhi from 1315 to 1500 but both the Aoki and Eibi lists Nepali via Panaji from 1330 to 1430. Sometimes you have to really hang in their for appropriate program details and to see if conditions will improve enough to make a difficult logging understandable

(Mark Coady, Selwyn, Ontario, Kenwood TS440S or Ten-Tec Argonaut II and 40 and 80 meter off centre-fed dipoles, ODXA iog via DXLD)

## GUAM

### \*\* GUAM.

Reception of KTWR Trans World Radio Asia in English, Nov.24

1128-1158 on 9910 TWR 200 kW / 350 deg to EaAs Jap/Eng Sat, fair

1230-1300 on 9910 TWR 100 kW / 290 deg to SoAs English\*Sat, fair

1317-1346 on 7510 TWR 100 kW / 320 deg to EaAs English Sat, good

\*wrong frequency announcement: summer 12160, instead of 9910 kHz!

[https://swldxbulgaria.blogspot.com/2018/11/reception-of-ktwr-trans-world-radio\\_24.html](https://swldxbulgaria.blogspot.com/2018/11/reception-of-ktwr-trans-world-radio_24.html)

(Ivo Ivanov, SWLDXBulgaria News, Nov 24, DX LISTENING DIGEST)

## GUATEMALA

### \*\* GUATEMALA.

4055.0, R. Verdad, Chiquimala. NOV 24 1000 - open carrier from 1000:10 until 6-tone IS (do-re-mi-fa-la-la) from 1021:37 until children`s choral National Anthem at 1025:52. Canned Spanish ID at 1031:20 followed by canned English ID, then various Spanish talk. English language 'Spiritual Songs Program' program from 1037 featuring a US gospel program "Stroll Down Memory Lane. Perfect solid S8 signal and excellent modulation

(Brandon Jordan, KM4PBQ, Fayette County, Tennessee, USA, <http://www.swldx.us> Icom IC-7200, IC-7300, Perseus, WinRadio G33DDC, G313e, RFSpace NetSDR, SDR-IQ, Elad FDM-S2, SDRplay RSP2pro, Array Solutions SAL-20 Shared Apex Loop, DX Engineering ARAV3 Active Vertical, dxldyg via DX LISTENING DIGEST)

## GUINEA

### \*\* GUINEA [and non].

9650, R. Guinée, Conakry. NOV 24 1930 - Good signal with slightly muffled audio. Various French talks, reports at live event, occasional IDs. There are two strong co-channel carriers at almost equal levels, 9650.000 and 9650.037, but I am only hearing Guinée with no interference. I suspect Guinea is the offset frequency and Saudi Arabia is the nominal with an open carrier?

(Brandon Jordan, KM4PBQ, Fayette County, Tennessee, USA, <http://www.swldx.us> Icom IC-7200, IC-7300, Perseus, WinRadio G33DDC, G313e, RFSpace NetSDR, SDR-IQ, Elad FDM-S2, SDRplay RSP2pro, Array Solutions SAL-20 Shared Apex Loop, DX Engineering ARAV3 Active Vertical, dxldyg via DX LISTENING DIGEST)

I would guess vice versa, given the track record of Guinea and SA frequency accuracy  
(gh, DXLD)

9650, Radio Guinée at 1952 in French with a telephone interview between two men with mentions of "Africa" and "Guinée" then brief Afropops at 1957 at the end of the interview and a man with closing announcements and a woman talking with the man at 1958 and another man with possible news at 2000 then brief Afropops at 2004 and a man with a possible news magazine then a man at 2013 re-check with a full "Radio Guinée" and into lively Afropops with an excited male DJ - Poor to Fair with fading Nov 24 improving to Fair to Good with fading by 2025 - CRI was in French here during this hour during the A18 season but they have since moved to 9645 which means no QRM for us Afropops lovers

(Mark Coady, Selwyn, Ontario, Kenwood TS440S or Ten-Tec Argonaut II and 40 and 80 meter off centre-fed dipoles, ODXA iog via DXLD)

## INDIA

### \*\* INDIA.

5009.997, AIR Thiruvananthapuram, subcontinental music played, at 1636 UT on remote SDR at Delhi India S=9+20dB [selected SDR options, span 12.5 kHz RBW 15.3 Hertz]

(Wolfgang Bueschel, df5sx, wwdxc BC-DX TopNews Nov 24, HCDX via DXLD)

\*\* INDIA. AIR Chennai, 0308, 7380 kHz, Good Signal, slight fading, slight co-channel interference. Male voice talked in Tamil, mentioned about Doordarshan etc. Here is the link to the audio recorded: <https://app.box.com/s/dfp8u2if1ebpjtk0kswlpofn51dv0dlq>

AIR Hyderabad, 0309, 7420 kHz, Good Signal Slight fading, slight noise & slight sideband splatter from AIR-Bhopal on 7430 kHz. Music, conversation between two ladies all in Telegu. Here is the link to the audio recorded: <https://app.box.com/s/2umofg1sm6waj2on0ngk6gu8v43dheu3>

73s (Gautam Kumar Sharma, Abhayapuri, Assam, India, RX Used: Grundig Yacht Boy 400. ANT: Cu WIRE 78' Length, 30' Height With COAX LEADIN. Geographical Location of Reception Place (Abhayapuri): Longitude: 26°18'20''North - Latitude:90°37'50''East, Date: November 20, 2018, DX LISTENING DIGEST) See also [SIKKIM](#)

## INDONESIA

**\*\* INDONESIA.** QSL: Voice of Indonesia German BC via Jakarta – Cimanggis transmitter. Received an attractive QSL Card from the German Section in 3 months, after posting a follow-up to budepujis@gmail.com my December 2017 Reception to: voi.deutsch@gmail.com v/s: illegible (Edward Kusalik, Daysland, Alberta, Canada, Nov 22, ODXA iog via DXLD)

9526v? Did Cimanggis really still exist only 12 months ago?  
(gh, DXLD)

## INTERNATIONAL INTERNET

**\*\* INTERNATIONAL INTERNET.**

New Internet Access Data From FCC

This item appeared in today's FCC Daily Digest:

### WIRELINE COMPETITION BUREAU RELEASES DATA ON INTERNET ACCESS SERVICES

AS OF JUNE 2017. Internet Access Services Report containing data as of June 30, 2017. Action by: Chief, Wireline Competition Bureau. by REPORT. WCB. DOC-355166A1.pdf DOC-355166A1.txt

<https://docs.fcc.gov/public/attachments/DOC-355166A1.pdf>

<https://docs.fcc.gov/public/attachments/DOC-355166A1.txt>

For as much as we've all seen writers predict that the Internet may supplant radio, connectivity still has gaps in the USA. I was surprised to see that Pennsylvania had more service providers available than Ohio, for example. The report is mostly charts and graphs. SW Radiogram still does have a niche to fill, it seems (Steven Kellat, OH, alpacaHerder, Nov 22, WOR iog via DXLD)

## IRAN

**\*\* IRAN.**

6090, Nov 24 at 0149, ME music is VP, S9-S6 with flutter, and talk barely perceptible as Spanish, i.e. LVRII as scheduled. No QRM and no het which would imply Brasil or Nigeria (ha ha), also in the mix. And Anguilla, of course, is off. I expect this to sign off at 0220 as scheduled in HFCC, Aoki/NDXC and EiBi, so resume listening at 0218, more music, mentions ``punto de vista`` and keeps on going; 0226 signal improves a bit as I hear correspondents checking in from Bogotá, also mentions from or about México, Palestina, Buenos Aires, past 0236+. Sort of an IRIB version of F00C. I think I have heard such a program before from Iran in Spanish.

Obviously the Spanish broadcast does not end at 0220 as everyone has been told. Consulting WRTH 2018 for the B-17 schedule, it was indeed at 0020-0320 (on 6165 then) instead of 2320-0220 UT as currently listed. Which raises the question: are any or all of the VIRI B-18 schedulings off by one hour too early, as if they were still shifted for summer???

Also, someone reported R. Bandeirantes being heard on 6090 recently in Portuguese, but I doubt it, as I think they quit SW; certainly the other two frequencies 9645v and 11925v have been gone long. And 6090 if on would surely be offside

(Glenn Hauser, OK, WORLD OF RADIO 1958, DX LISTENING DIGEST)

**\*\* IRAN.**

IRÃ --- 6090. 22/11/2018, 0148-0158, Pars Today, Sirjan, em Espanhol. Locutor e locutora apresentam notícias e comentários desde latinoamérica; 0153 Uma entrevista no espaço "Actualidad Política"- uma repórter entrevista uma autoridade. Recepção pobre, 25422 (José Ronaldo Xavier (JRX) - PR7036SWL, Cabedelo-PB, Brasil (UTC-3), Receptor: Degen DE1103, WOR iog via DXLD)

**\*\* IRAN [non].** Radio Ranginkaman/Rainbow

via BaBcoCk Grigoriopol on Nov 21:

1730-1800 7560 KCH 300 kW / 116 deg to WeAs Farsi Daily, good signal

[https://swldxbulgaria.blogspot.com/2018/11/radio-ranginkamanrainbow-via-babcock\\_22.html](https://swldxbulgaria.blogspot.com/2018/11/radio-ranginkamanrainbow-via-babcock_22.html)

(Ivo Ivanov, SWLDXBulgaria News, Nov 20-21, DX LISTENING DIGEST)

R. Ranginkaman/Rainbow via BaBcoCk Grigoriopol Nov 23

1730-1800 7560 KCH 300 kW / 116 deg to WeAs Farsi Daily, good signal

[https://swldxbulgaria.blogspot.com/2018/11/radio-ranginkamanrainbow-via-babcock\\_24.html](https://swldxbulgaria.blogspot.com/2018/11/radio-ranginkamanrainbow-via-babcock_24.html)

(Ivo Ivanov, SWLDXBulgaria News, Nov 23, DX LISTENING DIGEST)

## IRELAND

**\*\* IRELAND [non].**

15515, BULGARIA, Radio Warra Wangeelaa (via IRRS) at 1507 in Oromo with a man with talk over Horn of Africa vocals then talk clear of the vocals from 1509 – Fair with fading Nov 24 – The Italian Radio Relay Service (IRRS) lists all their programs via Milan, Italy but they refuse to confirm which transmitters they actually use – possibly to protect sensitive customers. It is only by the reports of DXers and SWLs in Europe that we find out where their broadcasts are coming from (Mark Coady, Selwyn, Ontario, Kenwood TS440S or Ten-Tec Argonaut II and 40 and 80 meter off centre-fed dipoles, ODXA iog via DXLD)

## ITALY

**\*\* ITALY.**

QSL: 10000, Time signal station JN53DV [as in grid locator?] Associazione Italcable. Rec'd a very attractive QSL card via mail in 20 days, with details showing the HP 5071A frequency standard calibration unit. Power is 90 watts into  $\frac{1}{2}$  wave dipole. Report sent to: [info@associazioneitalcable.it](mailto:info@associazioneitalcable.it) V/S: Marro Volpe

(Edward Kusalik, Daysland, Alberta, Canada, Nov 22, ODXA iog via DXLD)

## JAPAN

### \*\* JAPAN.

774, JOUB, Akita, is now with Russian language program. I am at this moment tuned into a remarkably strong (better than 770 now!) with a program in Russian at 1350 UT - 23 November 2018 in Keeler, California in the Owens Valley. This is the first time I have heard anything other than English language-lesson programs or other programs in Japanese. As such I now wonder if NHK-2 stations are now (or occasionally?) going to be "foreign services." (774 JOUB is now S3 to 4 just on a Tecsun AN-200 loop to my vintage 1981 Realistic DX-200 - I have partially nulled the very-annoying Reno KKOH 780, and Japan 774 is really in-the-clear right now - a rarity!) (Steve McGreevy - N6NKS - <http://www.auroralchorus.com> -- all of my DXing is done real-time with traditional (non-SDR) receivers --, 1401 UT Nov 23, WOR iog via DXLD)

Hi, NHK2 has European language lessons during the day (Was visiting Japan about a month ago) 73  
(Tony, VK2IC, Magon, ibid.)

OK -- very cool to know. Tony! Visiting a place always helps clear-up those DX questions. Yeah, Japan is next on my BIG desire-to-visit nation! Perhaps a beachside DX location facing NA...  
(?!)

774, JOUB was back to Japanese language programming after 1400 UT - still strong until about 1440 UT (0640 PST with sunrise happening).. - remarkable TP condx! --  
(N6NKS -, ibid.)

774, JOUB Akita, Japan is now with Russian language program. In listening to the 4-minute recording I made of this morning's good reception of 774 JOUB Akita, Japan, they had a continuously in Russian program such as a news or documentary program would have - it did not sound like a language lesson. After 1400 UT they resumed the English-Japanese lessons - this morning's was where they were singing the Queen tune "We Will Rock You", he he. Fade out was about 1445 UT. One of the best mornings so far this autumn for 774 JOUB here. I could not hear clearly enough any of its other usual parallels such as 828 JOBB so I could not tell if the Russian program was on all NHK-2 outlets. 73 - (Steve McGreevy, CA, N6NKS - <http://www.auroralchorus.com> -- all of my DXing is done real-time with traditional (non-SDR) receivers-- Nov 24, WOR iog via DXLD)

### \*\* JAPAN.

Special shortwave transmission of NHK World Japan to India According to Mr. Tohru Yamashita of Asian Broadcasting Institute, there will be the special shortwave transmission of NHK World Japan to India on December 7 at 0330-0500 UT on 13780 kHz, in Hindi, Bengali, Urdu.

The special transmission forms a part of Japan-India friendship campaign called "Influential India", and will be on air also on NHK World TV (0400-0430 only), and on Internet. NHK will issue a special QSL card for the reception report of this special transmission. Reception on NHK World TV or on internet is also accepted.

The mailing address is:

India Special Reception Report,  
NHK World Japan, 150-8001 Japan.

This time QSL will be issued also to the domestic listeners in Japan.  
(Takahito Akabayashi, Tokyo, Japan via Wolfgang Bueschel, WORLD OF RADIO 1958, DXLD)

\*\* **JAPAN [non]**.

9855, Nov 21 at 2056, R. Japon weak S7-S8 closing 2030  
French via MADAGASCAR  
(Glenn Hauser, OK, DX LISTENING DIGEST)

## KOREA NORTH

\*\* **KOREA NORTH [non]**.

JAPAN, Shiokaze Sea Breeze & Furusato no Kaze  
via Yamata on Nov 22

Shiokaze Sea Breeze

1300-1400 on 7245 YAM 300 kW / 280 deg to NEAs English Thu, weak  
co-ch on same 7245 DB 100 kW / non-dir to CeAs English Voice of Tajik  
&

1600-1700 on 6110 YAM 300 kW / 280 deg to NEAs English Thu, good  
co-ch on same 6110 ADD 100 kW / non-dir to EaAf Amharic/Oromo R Fana

Furusato no Kaze

1405-1435 on 6085 YAM 300 kW / 280 deg to NEAs Japanese, fair-good:

[https://swldxbulgaria.blogspot.com/2018/11/shiokaze-sea-breeze-furusato-no-kaze\\_23.html](https://swldxbulgaria.blogspot.com/2018/11/shiokaze-sea-breeze-furusato-no-kaze_23.html)

(Ivo Ivanov, SWLDXBulgaria News, Nov 22, DX LISTENING DIGEST)

\*\* **KOREA NORTH [non]**.

UZBEKISTAN, Radio Free North Korea via Tashkent,  
Nov 25

1200-1300 on 7610 TAC 100 kW / 076 deg to NEAs Korean, fair:

<https://swldxbulgaria.blogspot.com/2018/11/reception-of-radio-free-north-korea-via.html>

Voice of Wilderness via Tashkent on Nov.25

1330-1530 on 7625 TAC 100 kW / 070 deg to NEAs Korean, weak

<https://swldxbulgaria.blogspot.com/2018/11/reception-of-voice-of-wilderness-via.html>

North Korea Reform Radio via Tashkent on Nov.25

1430-1530 on 7580 TAC 100 kW / 076 deg to NEAs Korean, very good

[https://swldxbulgaria.blogspot.com/2018/11/reception-of-north-korea-reform-radio\\_25.html](https://swldxbulgaria.blogspot.com/2018/11/reception-of-north-korea-reform-radio_25.html)

Frequency change of Voice of Martyrs via Tashkent, Nov.25:

1530-1600 NF 7520 TAC 100 kW / 076 deg to NEAs Korean, ex 7505, fair

<https://swldxbulgaria.blogspot.com/2018/11/frequency-change-of-voice-of-martyrs.html>

(Ivo Ivanov, SWLDXBulgaria News, Nov 25, DX LISTENING DIGEST)

## KOREA SOUTH

**\*\* KOREA SOUTH.**

**1566, HLAZ, Cheju Do, ROK pattern-switch info.**

Hi Everyone, I went out at 0400 PST/1200 UT to a spot 40 minutes` drive east of Keeler to a high-desert location (Centennial Flat) with decomposed granite soil where I'd left a terminated 310-degree azimuth Bev. antenna I rolled out a week ago, mostly on the ground or atop a few low shrubs, so I guess it is a "BOG" and those can exhibit a remarkable forward main-lobe along its axis and - at least atop dry desert "soil" (the DG) the virtual ground might be down enough as the sensitivity of my 200m one I went back to this morning is wonderful for Asian TP DX on MW. The termination using a steel whip "ground-rod" directly-connected to the end of the 200m wire - I figure a termination resistor is unnecessary as the Earthing is not low-Z. It seems to really reject the back lobe stuff by far, so success!

I will submit a longer report later when I review the 55 minutes of recordings I made, but 1566 HLAZ was the HUGE signal winner until 1345 UT.

I had not heard 1566 HLAZ so strong since DXing with Bevs. at Point Reyes in the 80s. As I was recording their ID about 1343 in Japanese "FEBC" and the "kilohertz" in Japanese, afterwards, they suddenly went "off" and then back on JBA in a SAH mixture. I assume the Japanese beam was switched to a China-aimed beam, however, I wonder how effective this is, as I noted QRM in China on 1566 HLAZ from a few Chinese stations that partially covered up HLAZ's Mandarin broadcast, back one evening in November 2013 - I think in Shanghai.

So it was fascinating to note the huge signal drop-off and then the (maybe 3 or 4) station SAH in 1566 kHz after 1345 UT this morning. Excellent TP condx.

Oh also fine audio peaks on 1575 VOA/BBG Thailand, in Vietnamese/English (like an interview) about 1415.

Logs to follow soon. BTW, the receiver used was a Radio Shack DX390 coupled to a loop that has its wire antenna input connected to the 200m Terminated-BOG. I left the wire there this third time to repeat this again soon! (Steve McGreevy -- N6NKS - <http://www.auroralchorus.com> -- all of my DXing is done real-time with traditional (non-SDR) receivers --, Nov 24, WOR iog via DXLD)

## KURDISTAN

### \*\* KURDISTAN [non].

11530, Nov 22 at 1500, Kurdish music and talk and very late timesignal to 1500:40, Dengê Welat, better signal than usual, now that site has switched from Pridnestrovye to FRANCE this hour only; also with short/long path echo. Long path from Issoudun is over 20 kilometers, more than 4X the short distance.

11530, Nov 26 at 1459, Denge Welat via PRIDNESTROVYE a very poor signal, but I listen on 1 kHz BF0 offset, to hear at 1500 a very smooth transition to FRANCE as per Ivo, not Aoki: no break in carriers, but strength surges considerably without any difference in pitch/frequency. Kurdish talk, ID heard in passing. Mistimesignal is not so accurate, 3+1 pips, last one prolonged ending at 1501:28! Twice as late as last time

(Glenn Hauser, OK, WORLD OF RADIO 1958, DX LISTENING DIGEST)

## KUWAIT

### \*\* KUWAIT.

11629.7, Nov 20 at 1419, R. Kuwait only a JBA carrier instead of usual good signal Qur`aning. This is strange because Turkey, q.v. along the same path is in sufficiently well now on 11815 and 12035.7

(Glenn Hauser, OK, DX LISTENING DIGEST)

Very good signal of Radio Kuwait Holy Quran, Nov 22 from 1400 on 11629.7 KBD 250 kW / 230 deg to CeAf Arabic

[https://swldxbulgaria.blogspot.com/2018/11/very-good-signal-of-radio-kuwait-holy\\_23.html](https://swldxbulgaria.blogspot.com/2018/11/very-good-signal-of-radio-kuwait-holy_23.html)

(Ivo Ivanov, SWLDXBulgaria News, Nov 22, DX LISTENING DIGEST)

11629.756, Nov 23 at 1433, R. Kuwait is back to good S9+10 level while Qur`aning. Last measured on exactly same frequency Nov 18

(Glenn Hauser, OK, DX LISTENING DIGEST)

### \*\* KUWAIT [and non].

MOI Radio Kuwait vs NHK World Radio Japan, Nov.23

1055-1325 9749.7 KBD 250 kW / 286 deg to NEAf Arabic General Service

0800-1500 9750.0 YAM 300 kW / 290 deg to EaAs Japanese NHK Radio Japan

<https://swldxbulgaria.blogspot.com/2018/11/moi-radio-kuwait-vs-nhk-world-japan.html>

(Ivo Ivanov, SWLDXBulgaria News, Nov 23, DX LISTENING DIGEST)

\*\* KUWAIT. US IBB BBG VoA / RL / RFA broadcast center Kuwait relay site is n o t at Kabd, rather 43 kilometers northerly at al-Dschahra suburb

29 30 45.59 N 47 40 17.84 E

<https://goo.gl/maps/mEfcyCVssEL2>

- - -

Kabd site - by state Radio Kuwait on MW and SW - is southerly at

29 08 42.61 N 47 46 03.30 E

<https://goo.gl/maps/W7wy5X67gQU2>

Three - Alliss Thales like antennas are away distance:

1 kilometer northwards corner,

<https://goo.gl/maps/nuKikLujECJ2>

**1.3 kilometer southwards,**  
<https://goo.gl/maps/hxWdHzcA2RR2>

**1.4 kilometer westerly**  
<https://binged.it/2DS1Xeo>

**But not ALLISS type with the TX hut in the basement**  
**The rather different rotatable Ampegon RIGID type, see leaflet**  
<https://ampegon.com/products/sw-antenna/>

**Download:**  
<20160727\_leaflet\_sw\_broadcast\_antennas%20(1).pdf>  
is fed by feederline from the central TX house center.

**and nearby area**  
**KUWAIT - old destroyed Kabd MW & SW station til 1991 Iraq - Kuwait war**  
**at 29 10 25.28 N 47 42 35.63 E**

<https://goo.gl/maps/Z75wn25hPcM2>

**73 wb df5sx**

**(Wolfgang Bueschel, dxldyg via DX LISTENING DIGEST)**

## **KYRGYZSTAN**

**\*\* KYRGYZSTAN.**

**4010.219, Kyrgyz Radio Birinchi from Krasnaya Rechka Bishkek site, 15 kW, S=9+15dB in Doha Qatar remote SDR, at 1633 UT [selected SDR options, span 12.5 kHz RBW 15.3 Hertz]**

**(Wolfgang Bueschel, df5sx, wwdxc BC-DX TopNews Nov 24, HCDX via DXLD)**

## LATVIA

**\*\* LATVIA.** Radio Center from Moscow, Russia's pioneer of Religious broadcasting has been granted 24/7 License in Latvia to deliver religious radio programming in RUSSIAN language into every RUSSIAN community on the territory of the European part of the former Soviet Union, including Russia, during a time when the Russian Government has restricted the public and private rights of some Christians and religious groups. So, because of this and some other important restrictions and reasons "Radio Center" starts moving from Moscow to Riga. In the future, we will keep only a broadcasting studio in Moscow. We have a very good signal in the dark time in a typical Moscow apartment! The next following test will be on the air on October 24th, 2018 at 22:00-00:00 Moscow Standard Time (MST) or 1900-2100 UT (GMT) on AM 1485 kHz (Medium Wave). The reception reports will be confirmed by QSL-card: rrcr@radiocenter.net. Thank you and God bless you!

(Andrey Nekrasov in WRTH fb group 24/10-2018)

Now at 1900 religious programming in Russian on 1485 kHz via Radio Merkurs, Riga (Mauno Ritola in WRTH fb group 24/10-2018) via DXWW II, IRCA DX Monitor Nov 24 via DXLD)

Previous reports of this starting to broadcast from Riga to Moskva said nothing about R. Tsentr being religious; so now we know why. Is it unOrthodox?

(gh)

## LIBERIA

**\*\* LIBERIA.**

6049.985 very low modulated supposedly R ELWA Monrovia, S=6 poor 0622 UT [selected SDR options, span 12.5 kHz RBW 15.3 Hertz]

(Wolfgang Bueschel, df5sx, wwdxc BC-DX TopNews Nov 20, DX LISTENING DIGEST)

## MADAGASCAR

**\*\* MADAGASCAR.** [see first report at [UNIDENTIFIED](#)]

5010v, Nov 21 at 0155, I`m standing (well, lying) by to try to catch the cut-on of Radio Madagasikara, as presumably heard last night after 0200 on 5009.931 --- and there it is! Nothing from India, but at \*0158 JJBBA carrier amid some hash probably from local device this time. It`s so weak I can`t be sure of my measurement, about 5009.943. By 0217 it`s surged to JBA, so I try again: 5009.936. Of course it could have really varied 7 Hz in 17 minutes of warmup.

5009.929, Nov 22 at 0147, JBA carrier already on from presumed R. Madagasikara, not T`m, India, since this is again off-frequency, and correlating with my previous measurements slightly above and below 5009.94. Also, it fades, so not from a local device.

5010v, Nov 24 at 0203, no JBA carrier from R. Madagasikara as presumably heard last few nights; propagation, or off? Despite both Bauta Cubans back on 5040 & 5025 and capable of leapfrogging onto 5010.

5009.930, Nov 26 at 0326, very poor carrier but better than previous logs around 0200, presumed R. Madagasikara; I thought this would be feasible, shortly after sunrise in the UT+3 zone but gaisma.com says LSR in Antanarivo was 0203 UT. Anyhow it would not be Cuba or India or WRMI. And the Mad signal could still be propagating westward a sesquihour after sunrise (just like 5025 Cuba can to here).  
(Glenn Hauser, OK, WORLD OF RADIO 1958, DX LISTENING DIGEST)

**\*\* MADAGASCAR.**

6180, Nov 23 at 0313, Spanish song, praise? Not RHC;  
0317 La Voz Alegre ID, as MWV now sked at 03-04, 265 degrees for CIRAF 12 = NW South America  
(Glenn Hauser, OK, DX LISTENING DIGEST)

11965, African Pathways Radio; 2023-2032+, 11/21; Tuned in to jazzy big band tune to "You never know what you'll hear on African Pathways Radio". Multiple IDs & SW sked at 2025 plus "This Day in History" & sked again at 2026+; "Thank you for listening to African Pathways Radio, your station for good & godly living". Creation Moment with Ian Taylor at BoH on global warming; (don't worry about it) "The Creator controls everything." He did mention the warming (brightening) of the sun (which the politicians & doomsdayers never mention). SI0=453  
(Harold Frodge, Midland MI, Drake R8B + 185' RW, ----- All logged by my ears, on my receiver, in real time. -----, DX LISTENING DIGEST)

TDIH is a hook-em-n-convert-em scam --- starts out with legit secular historical info, then always something evangelical. Rather like on RHC with slightly different outcomes  
(gh, DXLD)

**\*\* MADAGASCAR.**

6065, AWR Malagasy - Talata, \*0300, 11/20/18. good signal with choral music and YL talks in soft-toned language. This is a fun one, as they have their own studio in Antan[an]arivo and are relayed by an xmtr in Malagasy, so about as much "their own station" as can be simulated, hi. And they QSL, too, to boot  
(Ralphus W Perry, IL, NASWA Flashsheet via DXLD)

## MEXICO

**\*\* MEXICO. OPINIÓN // Irene Levy // TELECOMUNICANDO**

**Diputados dan golpe de Estado a la radiodifusión pública de México  
16/11/2018 El Universal**

La Secretaría de Gobernación será la encargada de proveer el servicio de radiodifusión pública a nivel nacional, sí, esto que parece salido de un cuento de terror es lo que aprobó la Cámara de Diputados esta misma semana y ahora queda en manos del Senado avalar o enmendar este enorme retroceso en materia de libertad de expresión y democracia. La Ley Orgánica de la Administración Pública Federal (LOAPF) es el ordenamiento que organiza y distribuye las facultades entre las diferentes áreas del Poder Ejecutivo, incluyendo las secretarías de Estado. Como usted sabe, dicha ley está en proceso de cirugía mayor por los legisladores de Morena y afines que quieren adecuarla a los planes del próximo gobierno, lo que en sí mismo está bien; el problema es que en el proceso se están cometiendo enormes atropellos e inconstitucionalidades.

La fracción VIII del artículo 27 de la minuta proyecto de decreto por el que se reforman, adicionan y derogan diversas disposiciones de la LOAPF, aprobada por la Cámara de Diputados, señala que es competencia de la Secretaría de Gobernación, lo siguiente:

VIII. En el ámbito de su competencia, elaborar e instrumentar la normatividad aplicable, conforme a la Constitución y las leyes, en materia de comunicación social del gobierno federal y las relaciones con los medios masivos de información; administrar, salvo lo establecido en las leyes electorales, el tiempo de que dispone el Estado en radio y televisión; proveer el servicio de radiodifusión pública digital a nivel nacional, así como autorizar, supervisar y evaluar los programas de comunicación social y publicidad de las dependencias y entidades de la Administración Pública Federal.

Los medios públicos, dice la UNESCO, son medios hechos, financiados y controlados por el público, para el público. No son comerciales ni de propiedad gubernamental, son libres de la interferencia política y la presión a partir las fuerzas comerciales. A través de los medios públicos, los ciudadanos son informados, educados y también entretenidos. Cuando garantizada con pluralismo, diversidad, independencia editorial, financiación apropiada, rendición de cuentas y transparencia, la radiodifusión de servicio público puede servir como una piedra angular de la democracia.

En ningún país democrático, la Secretaría de Gobernación o el Ministerio del Interior o como se denomine, presta el servicio de radiodifusión pública. Imagine usted que la BBC de Londres o la Deutsche Welle de Alemania fueran manejadas por el propio gobierno, sería el fin de su libertad editorial. En México, la reforma constitucional de 2013 en materia de telecomunicaciones y competencia, creó un organismo descentralizado no sectorizado – muchos pugnamos incluso porque fuera autónomo –, llamado Sistema Público de Radiodifusión del Estado Mexicano (SPR).

**El artículo 6, apartado B, fracción V de la Constitución vigente, establece que este organismo con autonomía operativa, de decisión y de gestión tendrá por objeto proveer el servicio de radiodifusión sin fines de lucro. ¿Entonces, qué hacemos? ¿Qué pasará con el IMER o con el Canal 11? ¿En serio vamos a permitir que la radiodifusión pública se convierta en radiodifusión gubernamental? Estoy segura que Olga Sánchez Cordero, cuando fue ministra de la Corte, hubiera criticado esto, y ahora ¿lleva la reforma su aval o ella no lo sabe? Esta reforma es inconstitucional.**

**Pero el golpe a la radiodifusión pública no es el único que intentan dar en esta materia nuestros diputados, no. También al Instituto Federal de Telecomunicaciones (IFT) lo afectan. Mire usted, la Oficina de la Presidencia de la República actualmente tiene adscrita la Coordinación de Estrategia Digital Nacional y dentro de sus facultades está la de elaborar y dar seguimiento a dicha estrategia para fomentar la adopción y desarrollo de tecnologías de la información y comunicación (TICs). Por otra parte, la Secretaría de la Función Pública (SFP) es la encargada actualmente de definir la política de gobierno digital, gobierno abierto y datos abiertos. Eso es ahora, pero la reforma propuesta y votada por Diputados propone cambios:**

**1. Adiciona la fracción I al artículo 8 y otorga atribuciones a la Oficina de la Presidencia para “definir las políticas de informática, tecnologías de la información y la comunicación, gobierno digital del gobierno federal, en términos de las disposiciones aplicables”. Como vemos, la redacción votada no acota esta facultad a definir dichas políticas exclusivamente para el gobierno federal, sino que lo deja totalmente abierto y únicamente restringe, al ámbito gubernamental, la definición de políticas de gobierno digital, el resto podría interpretarse que aplica incluso a los usuarios y a operadores, facultades que hoy pertenecen al IFT... ¿Error de redacción o intencionalidad?**

**2. También a la SFP le quitan la facultad de definir las políticas de gobierno digital, gobierno abierto y datos abiertos, y a ella la reducen a vigilar su aplicación. De aprobarse en el Senado, estas atribuciones pasarían a la que sería la súper poderosa coordinación respectiva en la Oficina de la Presidencia y, en concreto, a Raimundo Artis Espriú quien la encabezará.**

**3. Nos habían dicho que, en la Secretaría de Comunicaciones y Transportes, la Subsecretaría de Comunicaciones se transformaría en Subsecretaría de TICs, cuya titular será Salma Jalife, pero todo indica que ya no tiene sentido ni siquiera el cambio de nombre, pues estas facultades quedarían en Presidencia. De hecho, el artículo 36 de la LOAPF, que determina las atribuciones de la SCT, finalmente ya no fue modificado.**

**De esto nos quedan preguntas: ¿Qué dicen los medios públicos y sus defensores de lo que está por suceder, qué piensa el SPR? ¿Qué opina el IFT, interpondrá controversia constitucional en caso de que finalmente se apruebe en defensa de su autonomía, o cederá la plaza definitivamente? Qué preocupante que todo esto pase inmerso en el silencio de los que deberían vociferar. Ojalá el Senado recapacite, esto es un enorme retroceso a la democracia y la libertad de expresión en el país, así como un golpe que vulnera la autonomía del IFT.**

**Presidenta de Observatel, profesora de la Universidad Iberoamericana, miembro del Comité de Participación Ciudadana del SNA. Este artículo refleja su posición personal. @soyirenelevy**

**Enviado por: "Carlos J. V."  
(via Juan Franco Crespo, Spain, DXLD)**

**\*\* MEXICO.**

**Asunto: [Radioescucha] DX ¿Golpe de Estado a la Radio? Que siempre no.**

**Lo que viene: IFT regulador de medios públicos  
Mediatelecom 23 Noviembre Reforma – Jorge Fernando Negrete**

**Irene Levy alertó; Gabriel Sosa Plata, presidente del Consejo Consultivo de la Asociación Mexicana de Derecho a la Información (Amedi), convocó a la defensa; Raúl Trejo y Jenaro Villamil lideran la infantería racional por la defensa de los medios públicos, agredidos por una estulticia mayúscula de los diputados y los ideólogos de Morena, pero corregida por los senadores.**

**Los medios públicos han sido defendidos por gobiernos democráticos modernos y también por Estados totalitarios; han sido sinónimo de medios cooptados, pero una referencia clara para defender la pluralidad democrática. En Estados Unidos son parte de la tradición política de descentralización de la radiodifusión y de respeto a la sociedad civil organizada. En Europa se buscan medios públicos dominantes y sólidos; en Estados Unidos hay muchos, locales e independientes.**

**Son vistos en Europa como una entidad pública, creada, financiada, administrada y auditada por el Estado, pero en Estados Unidos es la sociedad civil la que obtiene el privilegio de tal denominación.**

**Estos medios son en Inglaterra centralistas y creados por un Decreto Real; en Alemania son descentralizados y autónomos en sus landers. En España cuentan con un estatuto de autonomía pero dependen del Parlamento; en Estados Unidos pueden ser regulados por un órgano autónomo de los poderes públicos (Corporation for Public Broadcasting).**

**Por si fuera poco, en América Latina y México nos enfrentamos a múltiples denominaciones para referirnos a medios públicos: de Gobierno, oficiales, culturales, educativos, de interés público, del Estado o de derecho público; y nuestros vecinos de Estados Unidos integran a esta noción los medios comunitarios, indigenistas y universitarios. Pocas palabras son capaces de contener tanta expectativa en su significado y ser, al mismo tiempo tan poco comprendidas.**

**Un nuevo marco jurídico para los medios públicos. Comienza en el artículo sexto de la Constitución, continúa en la Ley Federal de Telecomunicaciones y Radiodifusión y concluye en la Ley del Sistema Público de Radiodifusión del Estado Mexicano.**

**El inciso B, párrafo V del artículo 6 de la Constitución establece la creación de un medio público nacional que se transforma en líder del proyecto de comunicación social pública del País, conocido como Sistema Público de Radiodifusión del Estado Mexicano.**

**En los artículos transitorios de la misma reforma se señalan los elementos esenciales que dan vida jurídica a los medios públicos. Artículo décimo transitorio: "Los medios públicos que presten el servicio de radiodifusión deberán contar con independencia editorial; autonomía de gestión financiera; garantías de participación ciudadana; reglas claras para la transparencia y rendición de cuentas; defensa de sus contenidos; opciones de financiamiento; pleno acceso a tecnologías, y reglas para la expresión de diversidades ideológicas, étnicas y culturales."**

**El bien jurídico protegido por la ley es la autonomía de los medios públicos y, con ello, habilita el derecho a la información, la libertad de expresión y otros derechos fundamentales, con un criterio de neutralidad política, pero sobre todo define una actuación precisa y obligaciones de supervisión al Instituto Federal de Telecomunicaciones, que se transforma en una autoridad competente para verificar la constitución de los medios públicos y, consecuentemente, garantizar su autonomía, gestión e, incluso, de no cumplir estos elementos, revocar su concesión.**

**El IFT se transforma en un órgano constitucional que protege el ejercicio de derechos fundamentales habilitantes y, con ello, la democracia.**

**Finalmente, el Senado eliminó la intención de prestar el servicio de radiodifusión pública, pero el daño está hecho. De Iure se eliminará, pero el golpe a la confianza está dado. El nuevo Gobierno buscará poner funcionarios afines a él en los medios públicos, por lo que ahora es más importante que el IFT regularice a todos los medios públicos en su régimen de concesiones y de acuerdo a la normatividad vigente.**

**El Consejo Consultivo del IFT emitió una recomendación donde urgía a la regularización de las condiciones de renovación de concesiones de estos medios. ¿Es suficiente? No. En estos momentos de deliberación y duda sobre el ejercicio del derecho a la información y la libertad de expresión, el ejercicio de las facultades del IFT como regulador de los medios públicos y, con ello, protector del ejercicio de derechos fundamentales, es mas importante que nunca.**

**El IFT es la única autoridad que puede incidir en la calidad de la pluralidad informativa del nuevo ecosistema digital de la radiodifusión pública, en un mundo conectado y de su impacto en la calidad democrática de nuestro País.**

**La regulación para los medios públicos en México es las más avanzada en América Latina y es competencia exclusiva del IFT, parte del nuevo Estado Regulador.**

**Muchos requisitos de los medios públicos han sido abiertamente omitidos por gobernadores en estados de la República, faltando al cumplimiento institucional de la ley.**

**Si lo que quiere el Gobierno entrante son medios públicos del siglo 21, que consolide su diversidad, independencia y presencia en el universo digital, bajo la regulación aplicada por la única autoridad competente en México: el IFT.**

**Director de Grupo Mediatelecom @fernagretep  
(via Juan Franco Crespo, Spain, DXLD)**

\*\* MEXICO.

730, Mexican reception from the Owens Valley and a correction to make

Back a couple of weeks ago I reported still hearing (the now defunct actually) 730 XEHBC Ensenada, BCN as "Ke Buena" and said so despite it not being in the 2018 WRTH and showing up in the WRTH 2017 as off-air and now the query from Mauno Ritola.

In a response to Mauno Ritola's query in this matter (in DXLD 18-46 - the 12 November issue), I did check the frequency a few times since I posted that note. Interestingly, I used to hear 730 XEHBC Ensenada as "Ke Buena" usually atop Boise. In the background was a weaker XEX and perhaps Chihuahua too, but generally far weaker than the Ensenada/Boise mixture.

Presently, however, now I note 730 XELBC Loreto, BCS with the "La Giganta" slogan dominates the channel, BUT they also seem to be considerably-stronger now than when XEHBC was formerly on-air -- a power increase in XEHBC's absence?

Additionally, a few weeks ago, casually listening to 730 on one evening I caught a "Ke Buena" slogan that I thought indeed WAS XEHBC, Ensenada, but now I think it was from WRTH-listed 730 XEHB Hidalgo del Parral, CHIH which is listed as having that very same slogan (and which I thought I recently read in DXLD as being now off-air also!). Confusing indeed! As such, I think perhaps some of us Mexican AM-DX enthusiasts should survey 730 kHz and see what exactly is OTA presently. I miss the days when 730 XEX La Ciudad de Mexico (DF) was in the clear.

I still need to compile the Saturday morning (24 November) 200m NW BOG DXpedition log from the recordings that had strong Asian TP DX, esp. 1566 HLAZ as I posted a few days ago. Soon. 73 - (Steve McGreevy -- N6NKS - <http://www.auroralchorus.com> -- all of my DXing is done real-time with traditional (non-SDR) receivers --, Nov 27, WOR iog via DXLD)

\*\* MEXICO. RAYMIE`S MEXICO BEAT THIS WEEK ---

Radio Boomtowns: Santiago Juxtlahuaca

Santiago Juxtlahuaca sits in the heart of the western Mixteca region of Oaxaca, with a population of 36,000 as of 2015. It is also heavily indigenous. In the 2010 census, 71 percent of residents spoke an indigenous language. The state district it is in is home to more than 70,000 people. Despite this, the only licensed radio service the town had was a CORTV repeater. Despite the fact that only now is Juxtlahuaca going through a boom in licensed radio stations, it has a longer history of community pirates. Radio Mixteca on 88.7 MHz went on the air in April 2007, soon joined by Radio Hits 90.5 that October and La Nueva on 100.3 early the next year. A station known as Conección X [sic] also operated in the late 2000s on 92.3. Today, stations on air include La Reina on 103.3 (ex-93.5), the aforementioned Radio Hits, La Patrona 88.9 (former 95.3), Estéreo Max 97.9, and La Pantera 99.9 in San Sebastián Tecomaxtlahuaca.

Unfortunately, the history of community radio here is also violent. Abel Manuel Bautista Raymundo, who ran Radio Spacio on 96.1 MHz, was shot dead in his vehicle in April 2015. He joined Jorge Alberto Vera Carrizal of La Nueva, who had been kidnapped in December 2012 and whose body was found two months later. As it turns out, however, those around the murdered have stayed in the realm of radio.

The winds of change began to blow in late 2016, when Juxtlahuaca gained a licensed community station (XHVMT-FM 106.9) with apparent ties to La Nueva and a social station (XHJUX-FM 94.7). IFT-4 has brought real commercial radio to Juxtlahuaca, with the awards of XHPSEB-FM 104.9 and XHPTEC-FM 99.1. Additionally, applications are on file with the IFT for one more radio station in the core of the municipality and two more that might serve outlying rural towns (filed by Asociados Bara 7, which was headed by the aforementioned Bautista Raymundo); there's a social frequency in the 2018 PABF; and a commercial frequency in the 2018 PABF would appear in the IFT-8 radio auction.

The problem is that not much is known about the new legal stations. XHPSEB-FM appears on track to be "La GranDiosa de Juxtlahuaca", following in the footsteps of the other Vera stations (yes, the same Vera family). However, the GranDiosa site mentions a second station for Juxtlahuaca, pop-focused "La Fresona de Juxtlahuaca". This station's identity and frequency are unknown (neither it nor XHPSEB are on the air). However, there is a curiosity –\*that group behind La Nueva is the same one in family behind the La GranDiosa stations. Will a commercial and community station operate side by side for the first time ever?

(Raymie Humbert, Phoenix AZ, Nov 21, WTFDA Forum via DXLD)

A Tijuana radio tradition hung it up last month after more than 80 years on the air.

XEC 1310 "Radio Enciso" was sold to Baja California media entrepreneur –and Senator–Jaime Bonilla's PSN. The Enciso family had owned the station for all 84 years of its existence.

[http://viatijuana.com/noticias/2102?fbclid=IwAR0IAStsJ67ax-t6irgLmnqLDBEhB9EdV6yJ4KZQfwX2b0-w0eh51y\\_oGtY](http://viatijuana.com/noticias/2102?fbclid=IwAR0IAStsJ67ax-t6irgLmnqLDBEhB9EdV6yJ4KZQfwX2b0-w0eh51y_oGtY)

The acquisition may have saved Enciso. According to one report, a STIRT strike had been slated for October 17

[http://www.afntijuana.info/afn\\_politico/88745\\_delegados\\_priistas\\_al\\_rescate](http://www.afntijuana.info/afn_politico/88745_delegados_priistas_al_rescate)

and the station was facing economic hard times. However, the station's program lineup has been completely changed,

<http://www.bcreporteros.com/opinion/morenistas-los-nuevos-duenos-de-radio-enciso/>

with not many of the same personalities left. That article says the reported sales price for XEC was \$2.5 million. Some of that might be property; PSN has evidently moved Radio Enciso from its studios

<https://twitter.com/AGuerreroL/status/1045169424796438528>

to PSN's own.

<https://twitter.com/bibigutierrez59/status/1055853324199616512>

(Raymie, Nov 21, *ibid.*)

Some news stories from around the country:

Radio presenters flee Guerrero. At least seven of them have abandoned the state this year due to rising political violence, according to the Guerrero representative of the Asociación Nacional de Locutores.

<https://www.eluniversal.com.mx/estados/por-amenazas-siete-locutores-huyen-de-guerrero>

Some of the threats being made against them are coming from government employees. Some 20 airstaff have been threatened. Most of the affected have been in Chilpancingo, Acapulco and Zihuatanejo. Additionally, in related news, the family of murdered RTG radio show host and producer Gabriel Soriano have not received the required pension more than a month after he was killed.

After nearly a year, the Universidad Autónoma del Estado de Hidalgo announces it's setting up a station in Actopan. XHPECW-FM 102.1 was greenlit on December 13, 2017, but only now are people in Actopan hearing about it coming. The station will go on the air from the Escuela Superior de Actopan in February.

<https://www.elindependientedehidalgo.com.mx/llego-la-quinta-habra-radio-uaeh-actopan/>

No to SEGOB. Thanks to a great campaign by concerned media analysts, the idea of putting public media in the court of the Secretariat of Government is dead in the Senate. The larger bill with the corrections now goes back to the Chamber of Deputies (Raymie, Nov 22, *ibid.*)

The IFT has meeting notes up:

October 22

-The approval of the 2019 PABF, covered here earlier this week.

New stations:

- Comunicación y Cultura de Etzatlán 07, A.C.;
- San Marcos-San Juanito de Escobedo, Jal. (community FM);
- Ziraño, A.C.; Tingambato, Mich. (community FM);

Renewal of 13 commercial concessions.

November 5

New stations:

- Universidad de Guadalajara; Puerto Vallarta, Jal. (public TV);
- Gobierno de Colima; Manzanillo, Col. (public TV);
- Ximai Comunicaciones, A.C.; Santiago de Anaya y el Águila, Hgo. (community FM);
- Radio Tosepan Limakxtum; Cuetzalan, Pue. (indigenous FM);

Station sales:

- XHFTI-FM to Radio Informativa, S.A. de C.V. Multimedios has bought this station outright.

Technical changes:

- XHACD-FM
  - XHSGU-TDT (change in coverage area);
  - Two other FM stations
- (Raymie, Nov 22, *ibid.*)

Radio Boomtowns: The Riviera Maya

In 2010, if you drove from Cancún to Felipe Carrillo Puerto, you'd only pass through one town with a radio station. Excepting the statewide repeater network of Radio Turquesa, the only station between the two towns was XHPYA-FM 98.1 "Riviera FM", the SQCS station in Playa del Carmen. There was also one station on Cozumel, XERB-XHRB, a Combo of '94.

However, a radio station revolution has since begun. In 2012, XHLAYA 106.3 Playa del Carmen, XHZCM 107.7 Cozumel and XHPMQ 89.1 Puerto Morelos were permitted. But it has only been in the last two years that another six stations were awarded up and down the Riviera Maya thanks to a mix of social applicants and IFT-4 activity. Four of them will have signed on in a period of under six months.

Playa del Carmen gets its first commercial station—XHPPLY 96.1 (now on air with Los 40) is one of two stations owned by Carlos de Jesús Aguirre Gómez's AGC group (the other is in Puerto Morelos)—while 103.1 XHACS-FM began transmissions in September. XHAKUM 105.5 Akumal signed on with Acustik programming in September. And Tulum awaits the sign-on of a trio of stations: Turquesa's 93.5 XHPTLM, Más Radio Telecomunicaciones's 94.7 XHPTUL (which will simulcast Aire Libre), and XHICT "Tulum Digital 104.7" which will be part of the same social wolfpack as XHACS and has been announced to come to air December 15. (Speaking of that wolfpack, XHCCE Jaguar FM in Chetumal is slated for late January.) Where once there was one station between Cancún and Felipe Carrillo Puerto, now there are nine.

One big reason for all this activity now is that new commercial stations, of which there are four, are catching up with the wild growth of the Riviera Maya. In 2000, the region had 63,752 residents. It was at this time that the first commercial stations for this region, ghosts XHDGM-FM and XHCPQ-FM, were put out for bid. By 2010, that figure had ballooned to 180,407, according to a 2015 report produced by the Universidad de Quintana Roo.

According to 2016 projections by the Quintana Roo State Population Commission, the three core municipalities of the Riviera Maya – Puerto Morelos (created in 2016), Solidaridad (containing Playa del Carmen), and Tulum (including Akumal) - contained 37,099, 209,634, and 32,714 residents for a total of 279,447 people living in this region. While the data sources aren't directly comparable to 2010, the growth is still red-hot. The fact that this region lacked commercial radio stations of its own until now is a direct consequence of the lack of radio station auctions over a more than 20-year period.

There is also a curiosity I found this week while looking at videos from the 29th birthday party of Radio Turquesa. They had a big map graphic of their stations and frequencies behind them, and one of them I had never heard of: 95.9 Puerto Morelos. (They also listed 93.9 Cozumel as 99.3, which might be too close to XHCQR-FM.) This is the first time a Radio Turquesa repeater has been listed here. It is likely not official, as I can't imagine the IFT allowing further extensions to XHNUC's coverage with off-channel shadows. (The original off-channel shadows actually predate the FM technical revision that introduced shadows to FM and specified that they must be co-channel.) (Raymie, Nov 24, *ibid.*)

After a 12-year fight, the local radio station in Tlatlaya, State of Mexico, goes legal next month and officially becomes XHMTLA-FM 98.3.

<https://www.facebook.com/notes/peri%C3%B3dico-el-nativo/habr%C3%A1-nueva-estaci%C3%B3n-de-radio/2064598266931707/>

With an official inauguration at the fairgrounds on December 1, "La Radio de Altura" will get going. Studios and tower are at the municipal government building – note the UHF panel antenna on there too, for a 900-watt ERP shadow XHGEM.

Radio coverage is exceedingly poor here. The IFT Coverage Viewer shows just one receivable and operating station on air here, XHTEJ-FM, though the new XHPAMM (which is not in there yet) likely comes in loud and clear, as Amatepec is the next town over (Raymie, Nov 25, *ibid.*)

There's another IFT-4 station around and apparently on the air (if with a web page without a working stream). It's XHPVTS-FM 98.5 Villa Tututepec, "W Radio Costa". <http://www.wradiocosta.mx/> XHPVTS is one of two stations owned by Radio Casandoo, the other being XHPTUX 101.3 in Tuxtepec. There's still no sign of that station.

Este programa es público, ajeno a cualquier partido político. Queda prohibido el uso para fines distintos a los establecidos en el programa [taglines] Read the Mexico Beat | View my HD Radio in Mexico map | Consult the list of Article 90 reserved band clears (Raymie, Nov 26, *ibid.*)

## NETHERLANDS

\*\* NETHERLANDS [non].

Germany, Eastern: 5960, The Mighty KBC via Nauen with "Uncle Eric's Giant Juke Box" with the usual mix of oldies like "Who'll Stop the Rain" by CCR and "I Got a Name" by Jim Croce, and something to make He-Man proud: "Psycho Chicken" by The Fools, and of course the usual dose of sophomoric humour.

The digital minute which like 11600 from Bulgaria this AM also didn't come in right away, but UNLIKE that from Bulgaria, I could make it work on replaying the digital audio recording I made, was a photo of a listener's dial, from a listener in Mexico's Tecsun PL-310ET. The text came in well, but the photo was 'fuzzy': [illustrated in the WOR iog]

Started out better at 0000, but by the time the kids had gone home from Saturday dinner, and I could listen, the signal was weaker and the local noise more intrusive: 3+4543+ 0100-0135 18/Nov SDRplay +SDRuno +FLDigi for the digital bits, + ANC-4 +randomwire (Kenneth Vito Zichi, from Williamston in south central lower Michigan, heard with actual gear and an actual antenna in the actual physical space, with my actual ears and eyes, WOR iog via DX LISTENING DIGEST)

5960, EAST GERMANY, The Mighty KBC (Nauen) at 0000 with opening music and a man with ID of "Rocking over the ocean and all over Europe we are the Mighty KBC" followed by general silliness and into DJ Dave Mason with oldies music and KBC Imports ads – Fair with fading Nov 25 (Mark Coady, Selwyn, Ontario, Kenwood TS440S or Ten-Tec Argonaut II and 40 and 80 meter off centre-fed dipoles, ODXA iog via DXLD)

## NEW ZEALAND

### \*\* NEW ZEALAND.

Hello Glenn - I am hearing right now Radio New Zealand on 13840 kHz in AM mode. It is 2007 UT on 24 November. Their published schedule dated 28 October shows this frequency should only be broadcasting from Sunday to Friday at that time and frequency and only in DRM, not AM. 73's

(Robert Yowell, Los Angeles, DX LISTENING DIGEST)

Robert, I think that must be an error/omission on their schedule. They would not normally be off the air for an hour 1958-2059 in their 24-hour schedule, <https://www.radionz.co.nz/international/listen> and of course on Sat only it would be AM rather than DRM

(Glenn to Robert, via DXLD)

## NIGERIA

### \*\* NIGERIA.

9690, Voice of Nigeria – Ikorodu, \*1800-1832 Nov 19, opening of English service with news and program called 60 Minutes. A lot of discussion about upcoming democratic elections. Fair to good signal. Re-tuned at 1900 but Spain opened on the channel blocking Nigeria (Rich D'Angelo, French Creek State Park DXpedition No. 56 (November 18, 19 and 20, 2018), Equipment: Ten-Tec RX-340, Drake R-8B and an Eton E1, 500-foot wire essentially north for the RX-340 and 250-foot wire essentially northeast for the R-8B and a whip antenna for the E1, Nov 25, NASWA yg via DXLD)

Regular service in Hausa and English these days from Abuja Nigeria. 7254.939 kHz at 0617 UT, S=9+15dB here in Italy, Greece, Germany, Belgium [selected SDR options, span 12.5 kHz RBW 15.3 Hertz]

(Wolfgang Bueschel, df5sx, wwdxc BC-DX TopNews Nov 20, DX LISTENING DIGEST)

### \*\* NIGERIA [non].

FRANCE, 7235, Radio Nigeria Kaduna - Issoudun, 2236-2300\* Nov 18, Hausa language program with man announcer alternating with mocal [sic] music program. Closed with station ID and orchestra National Anthem. Fair with some amateur radio QRM

(D'Angelo- PA/FCDX)

FRANCE, 17690, Radio Nigeria Kaduna - Issoudun, 1307-1322 Nov 20, tuned in to hear a man announcer speaking in the Hausa language. Weak signal but in the clear (Rich D'Angelo, French Creek State Park DXpedition No. 56 (November 18, 19 and 20, 2018), Equipment: Ten-Tec RX-340, Drake R-8B and an Eton E1, 500-foot wire essentially north for the RX-340 and 250-foot wire essentially northeast for the R-8B and a whip antenna for the E1, Nov 25, NASWA yg via DXLD)

FRANCE, Radio Nigeria Kaduna via TDF Issoudun Nov 20

0700-0900 on 13840 ISS 150 kW / 170 deg to WeAf Hausa, very good

[https://swldxbulgaria.blogspot.com/2018/11/reception-of-radio-nigeria-kaduna-via\\_21.html](https://swldxbulgaria.blogspot.com/2018/11/reception-of-radio-nigeria-kaduna-via_21.html)

(Ivo Ivanov, SWLDXBulgaria News, Nov 20-21, DX LISTENING DIGEST)

7235, FRANCE, Radio Nigeria Kaduna at 2221 in Hausa with a man with talk with mentions of "Nigeria" - Poor Nov 24

(Mark Coady, Selwyn, Ontario, Kenwood TS440S or Ten-Tec Argonaut II and 40 and 80 meter off centre-fed dipoles, ODXA iog via DXLD)

## NORTH AMERICA

\*\* NORTH AMERICA. PIRATES == HF

Unid. Saturday, November 17, 2018, 2025, 6950 usb. Music by Meat Loaf. Only managing an s3 signal, but low noise on the band now so very listenable. "Paradise by the dashboard lights" started at 2027. Still going at 2059 with "Let It Whip" by Dazz Band.

(Will-MD)

Radio Cobain. Saturday, November 17, 2018, 2110, 6950 usb. Sal Amoniac on the mic, music by Right Said Fred, "I'm Too Sexy." Jimmy the Weasal sound bytes, etc. Reminiscent of an old "Radio Bingo" show. s9, very good. This may be the same station as the earlier Unid heard at 2025 but the signal strength increased dramatically around this time, so either the op turned up the power, conditions suddenly improved, or it's a new station altogether. ID, "Terry Moore on Radio Cobain" at 2117 into Nirvana.

(Will-MD)

WEAK. Saturday, November 17, 2018, 2218, 6955 usb. WEAK Radio with what appears to be a KIPM relay or similarly spooky sounds. Off in mid-song at 2233. s5, good signal.

(Will-MD)

Radio Free Whatever. Sunday, November 18, 2018, 2200, 6956 usb. Music and talk, just above the noise floor. Signal suddenly improved so s9+ and very good with an ID at 2205. 2207, he's on a profanity-laced rant because music he's streaming from the internet has stopped working. 2209, he's "rebooting everything" and asks for listeners to be patient as he tries to clear up the computer problems. At least one other op chimes in with humorous comments. Still going with music at 2248, but propagation isn't cooperating; down to s1/s3.

(Will-MD)

== FM

Unid. Wednesday, November 21, 2018, 1:55PM local time, 90.3 FM, south central Frederick, Maryland. The random pop jukebox pirate is still here. Pop/country music, into a spoken word bit about combating pollution. It's a Chickenman bit! At 2:49PM, Theme from Shaft, into The Knack "My Sharona" by The Knack, into "At Seventeen" by Janice Ian. Full quieting between tracks, and no ID, as usual for this station. Fair to good signal

(Larry Will, Mount Airy, Maryland, Icom IC-R75, Tecsun PL-880, PL-660 and PL-600, DX LISTENING DIGEST)

\*\* NORTH AMERICA.

I haven't heard any SW pirates since late October!

(Glenn Hauser, OK, DX LISTENING DIGEST)

## NORTHERN MARIANA ISLANDS

### \*\* NORTHERN MARIANA ISLANDS [non].

In case it has been overlooked: Ivo has compiled the new arrangements for Radio Free Asia without the Tinian and Saipan transmitters.

<https://swldxbulgaria.blogspot.com/2018/11/radio-free-asia.html>

So replacements are mostly Kuwait, Lampertheim and Biblis. I assume that there are no covers in place for the still shown TIN and SAI entries, thus Cantonese and Korean are off shortwave now. Not too surprising in the case of Korean, it has been reported that they are mostly listened via mediumwave.

And new (i.e. used ones from Sri Lanka) transmitters at Greenville will be commissioned in February and a fourth frequency for Radio Martí is already on air "since today", said director of OCB Nov 14:

<https://youtu.be/3LkLQ4llbmg?t=2500>

It's also noteworthy how the presentation about the big relaunch of Alhurra (which in part is now produced in Dubai) mentioned as other MBN platforms radio only for Iraq anymore, with the music floor being replaced by a hard news format. So all other Radio Sawa variants are treated as if they are already gone. Seems that it would not hurt to check if the mediumwave outlets elsewhere are still on air.

Also of note a remark about the competition neglecting North Africa. (Kai Ludwig, Germany, Nov 26, WOR iog via WORLD OF RADIO 1958, DXLD)

## OKLAHOMA

### \*\* OKLAHOMA.

640, Sunday Nov 25 at 1332 UT, dead air from KWPN Moore instead of silly sportstalk, but reducing CCI to KFI. Probably ran non-sports weekly pubaffs show at 1300 UT, and failed to resume when it finished; also plays out on sibling station 930 WKY in English instead of Spanish

(Glenn Hauser, OK, DX LISTENING DIGEST)

### \*\* OKLAHOMA.

90.1, Nov 22 at 0610 and still at 0650 UT, dead air from our classical station in Edmond, which has lost the feed from WCPE overnight. A staffer, if aware, will have to be roused from bed and go in to restart it, lest it be dead all night (Glenn Hauser, OK, DX LISTENING DIGEST) Or possibly restorable by remote control?

### \*\* OKLAHOMA.

Glenn, regarding the repack schedules of KWTV and KAUT: Keep in mind that KWTV is in phase one of the DTV repack, while the rest of the repacked OKC stations are in phase two. So KWTV should be on its new RF channel on December 1, while KAUT will have until April 12, 2019 to make the move.

As for the weaker KWTV signal on RF25, I would wait to see if there is a improvement once the old RF39 assignment leaves the air. Could have something to do with antenna configuration for both of the signals (Stephen Luce, Houston, Texas, Nov 21, DX LISTENING DIGEST)

## OMAN

**\*\* OMAN.** B-18 of Radio Sultanate of Oman, no signal from Oct 28  
 0000-0200 on 9500 THU 100 kW / 315 deg to WeEu Arabic  
 0200-0300 on 9540 THU 100 kW / 220 deg to EaAf Arabic  
 0300-0400 on 9540 THU 100 kW / 220 deg to EaAf English  
 0400-1000 on 13600 THU 100 kW / 220 deg to EaAf Arabic  
 1400-1500 on 15140 THU 100 kW / 315 deg to WeEu English  
 1500-1600 on 15140 THU 100 kW / 315 deg to WeEu Arabic  
 1600-2200 on 15140 THU 100 kW / 315 deg to WeEu Arabic  
 2200-2400 on 11650 THU 100 kW / 315 deg to WeEu Arabic  
 My last videos of A-18 Radio Sultanate of Oman Sept.29  
<https://www.youtube.com/watch?v=Gtlbsea75Ok&feature=youtu.be>  
<https://www.youtube.com/watch?v=5t3WwMHibR4&feature=youtu.be>  
 (Ivo Ivanov, Observer, Nov 25, DX LISTENING DIGEST)

## PALAU

**\*\* PALAU.**  
 QSL: 9965 & 9975, Nippon no Kaze Korean program via WHRI Palau transmitter. Received a very attractive folder multi-colored with cut-outs of abductees imposed on the Korean peninsula, via postal reply. Also sent a program schedule. Reply in 120 days for an e-mail report to: [info@rachi.go.jp](mailto:info@rachi.go.jp)  
 (Edward Kusalik, Daysland, Alberta, Canada, Nov 22, ODXA iog via DXLD)

## PERU

**\*\* PERU.**  
 4747.4, Radio Huanta 2000 – Huanta, 0002-0023 Nov 19, nice program of LA vocals but poor to fair signal suffered from a lot of CODAR ARM.  
 (D'Angelo- PA/FCDX)

PERÚ, 4775, Radio Tarma - Tarma, 0207-0406 Nov 20, man announcer with Spanish language talk and station IDs with plenty of OA music. Series of announcements at 0226. Kept waiting for them to close down periodically circling back to them but they kept on playing OA music which was fine by me. Poor to fair with some CODAR QRM (Rich D'Angelo, French Creek State Park DXpedition No. 56 (November 18, 19 and 20), 2018, Equipment: Ten-Tec RX-340, Drake R-8B and an Eton E1, 500-foot wire essentially north for the RX-340 and 250-foot wire essentially northeast for the R-8B and a whip antenna for the E1, Nov 25, NASWA yg via DXLD)

4774.90, R. Tarma in Spanish 11.06.2018 2243-2259 music program with slow song, LA ballads and man dj talk at times, heard in lsb, moderate qrn rustle, almost fair; in // <http://www.radios.com.pe/99-3-fm-tarma/> with some seconds of delay from sw broadcast  
 (Gianni Serra - Roma-Italy, JRC NRD 525 receiver; Alpha Delta DX-SWL Sloper-S antenna; RG 8 mini coaxial cable; JPS NIR 12 Noise & Interference Reducer-Dual DSP outboard audio filter; JRC NVA 319 external loudspeaker unit; Sony MDR-101 stereo headphones; DX LISTENING DIGEST)

[and non]. 4774.87 & 4774.91 approx., Nov 24 at 0207 I have two JBA carriers beating and also fighting CODAR, as two of the few S American 60m stations insist on fighting over the same channel rather than shifting to one of many clear ones: R. Tarma, Perú, and R. Congonhas, Brasil [I remain to be convinced this ever calls itself ``Radio Sora`` instead of ``Difusora``].

Here`s one precise report I find as of 2 June 2016, from Carlos Gonçalves, Portugal: ``4774.914, R. Congonhas, Congonhas MG, 2233-2241`` and ``4774.946, R. Tarma, 2232-2240``  
(Glenn Hauser, OK, DX LISTENING DIGEST)

Art Delibert replies Nov 24 about the two South Americans I heard fighting over 4775v -- which is which?

``Glenn -- Radio Tarma is the one on 4774.91. I have been listening for about the past 30 minutes, from 1033. They are just now (1104) fading into unreadability as the sun rises at their QTH. Several mentions of "Radio Tarma" around 1040. Weirdly, signal was best with the SAL-12 oriented to the SE. Usually I find the signal where I would expect to find it, due south of here. But I like SE, because from here, that particular direction is remarkably free of CODAR this morning.

I have most recently found Congonhas on 4774.77, but that was several days ago. Regards, Art Delibert, N. Bethesda, MD`` --- Thanks, Art!  
Only 140 Hz apart  
(Glenn Hauser, OK, WORLD OF RADIO 1958, DX LISTENING DIGEST)

**\*\* PERU.**

4809.995V, Nov 23 at 0213, JBA carrier wavering slightly around here, vs huge utehash on the plus side, probably Radio Logos altho Mumbai could also be here until 0215\*  
(Glenn Hauser, OK, DX LISTENING DIGEST)

4800 [sic: must mean 4810], R. Logos, Chazuta, NOV 24 \*1000 - poor signal at sign-on, level steadily increasing with Andean-flavored music. Much improved nice S7 signal by 1038 Chazuta sunrise, with full ID by man, Christian songs by Andean groups such as Siembra Andina, Salmos de David, Pacto de Dios. TC by children between songs, talks. Strong STANAG centered on 4812 easily avoided with AM Synch passband tuning to lower side, CODAR not much of a problem by 1038 with the strong signal

(Brandon Jordan, KM4PBQ, Fayette County, Tennessee, USA, <http://www.swldx.us> Icom IC-7200, IC-7300, Perseus, WinRadio G33DDC, G313e, RFSpace NetSDR, SDR-IQ, Elad FDM-S2, SDRplay RSP2pro, Array Solutions SAL-20 Shared Apex Loop, DX Engineering ARAV3 Active Vertical, dxldyg via DX LISTENING DIGEST)

**\*\* PERU.**

5025.03, R Quillabamba, 1020, 11/25/18. RQ noted with good signal this morning, Sunday, from 1020 tune in, with the Cuban R. Rebelde missing! Very nice show, choral religious music, ranchera selections. ad string for Quillabamba tiendas at 1028 and then plug for informes program at 1029. From 1030 into live OM very bassy voice with live religious sermon over little snippets of music. Able to // with live webstream at 1033, too! Signal nothing like the powerhouse when the Cuban is transmitting, but a decent QSA for Peru. Still going good at 1036 when into more music. 5025 Rebelde blasting at 1215 recheck, blocking frequency. It was nice while it lasted, but perhaps worth checking on Sunday mornings for a late Rebelde s/on, leaving frequency open for the Peruvian?

(Ralphus W Perry, IL, NASWA Flashsheet Nov 24 via WORLD OF RADIO 1958, DXLD)

## PHILIPPINES

**\*\* PHILIPPINES.** Reception of FEBC Radio/Radio Teos in Russian / Ukrainian, Nov.25

1500-1600 9920 BOC 100 kW / 323 deg CeAs Russian & Ukrainian Sun, good Wrong time & frequency: 1900MSK on 11650, instead of 1800MSK on 9920!

<https://swldxbulgaria.blogspot.com/2018/11/reception-of-febc-radioradio-teos-in.html>

(Ivo Ivanov, SWLDXBulgaria News, Nov 25, DX LISTENING DIGEST)

## POLAND

**\*\* POLAND.** U.S. broadcaster says Polish government attempting to intimidate its journalists

<https://www.theglobeandmail.com/world/article-us-broadcaster-says-polish-government-attempting-to-intimidate-its/>

(via Gerald T Pollard, NC, Nov 25, DXLD)

## ROMANIA

**\*\* ROMANIA.**

Radio Romania International (RRI) English, 0405 UT, 11790 kHz (Galbeni, 300 kW) airchecked. Not heard anything only noise.

RRI English, 0630, 17780 kHz, Good Signal with slight noise. News Headlines on air. Here is the link to the audio recorded around 0630:

<https://app.box.com/s/bvpqzzdxzgy6yn6evgx4fygws6acqb6>

RRI English, 0634 to 0643, 15450 kHz (Tsiganeshti???), Good Signal slightly noise, slight fading. News, at 0637 detail weather report/update on Romania - snowfall & rains, etc. around Romania related news, 0640 report on international Radio Orchestra Festival organised by Radio Romania, 0643 Music, station ID announcement & announcement about next feature - History Shelf. Here is the link to the audio recorded around 0640:

<https://app.box.com/s/wupymznnb1su0syh1q0a0zn2m7fz77li>

**Special Note On RRI English:** As per at least two B18 databases the 0630-0700 transmission of RRI English on 15450 kHz directed to India & Australia has been shown on digital mode perhaps on DRM (Tiganesti, 90 kW), but as per sked uploaded on RRI English website it is not mentioned as digital mode, more precisely on DRM. As per the sked posted only DRM transmission directed to India is during 0400-0456 UT on 9820 kHz. That's all for today. More radio monitoring observations, etc., soon.

73s (Gautam Kumar Sharma, Abhayapuri, Assam, India, RX Used: Grundig Yacht Boy 400. ANT: Cu WIRE 78' Length, 30' Height With COAX LEADIN. Geographical Location of Reception Place (Abhayapuri): Longitude: 26°18'20'' North - Latitude: 90°37'50'' East, Date: November 20, 2018, DX LISTENING DIGEST)

## SIKKIM

\*\* **SIKKIM.** All India Radio (AIR) Gangtok Special Monitoring Observation: Gangtok has been noted with severe hum type noise from time to time on 4835 kHz, specially on the morning & also sometimes in the evening. This November as per my monitoring, I've observed it more frequently. Sometimes, the hum type noise disappears after a while and the transmission can be heard without any problem. Today i.e. on November 20th, same thing has happened. Around 0256 to 0304 UT during an aircheck on 4835 onwards I heard same noise during relaying of Morning News from AIR Delhi & then AIR NE News Bulletin in English relaying from AIR NES Shillong from 0300. Here is the audio recorded around 0301: <https://app.box.com/s/1zb5b1doxtmiyv5mpglu64aygj5c325y>

Later while another aircheck around 0316, I heard Hindi film music on air via AIR-Gangtok on 4835 kHz without any hum noise. Here is the audio recorded around 0316:

<https://app.box.com/s/2qr3wklg759q3ne41r09iegd2u861q9w>

All India Radio Gangtok, 0627 UT, 6085 kHz Good Signal, slightly noisy Signature Tune Of AIR, 0628 Station ID & opening announcements, etc. Program highlights, etc., by a male voice. Vividh Bharati Program relayed. Here is the link to the audio recorded around 0629: <https://app.box.com/s/hkli7oqf43k8ja6i138umitapulf3513>

73s (Gautam Kumar Sharma, Abhayapuri, Assam, India, RX Used: Grundig Yacht Boy 400. ANT: Cu WIRE 78' Length, 30' Height With COAX LEADIN. Geographical Location of Reception Place (Abhayapuri): Longitude: 26°18'20'' North - Latitude: 90°37'50'' East, Date: November 20, 2018, DX LISTENING DIGEST)

## SOMALIA

\*\* **SOMALIA [non].**

Reception of Radio ERGO via BaBcoCk Dhabayya, Nov 25

1200-1300 on 17845 DHA 250 kW / 225 deg to EaAf Somali, weak/fair

<https://swldxbulgaria.blogspot.com/2018/11/reception-of-radio-ergo-via-babcock.html>

(Ivo Ivanov, SWLDXBulgaria News, Nov 25, DX LISTENING DIGEST)

## SOMALILAND

### \*\* SOMALILAND.

7120, Nov 21 at 0326, JBA carrier from presumed R. Hargeisa, which others have reported reactivated lately, but nowhere near the signal this INTRUDER used to attain; nominal \*0330. In fact, I have a stronger carrier on 7119.67, probably a local device  
(Glenn Hauser, OK, DX LISTENING DIGEST)

7120, Radio Hargeisa, Hargeisa, 1715-1734, 23-11, vernacular comments, East African songs. Bad modulation. 23322  
(Manuel Méndez, Lugo, Spain, Logs in Friol, Tecsun S-8800, cable antenna, 8 meters, WOR iog via DXLD)

7119.998, Radio Hargeysa, at 1638 UT heard in Doha Qatar site, S=9+20dB surprisingly well audio and power quality [selected SDR options, span 12.5 kHz RBW 15.3 Hertz]  
(Wolfgang Bueschel, df5sx, wwdxc BC-DX TopNews Nov 24, HCDX via DXLD)

SOMALIA, Reception of Radio Hargeysa in 40 m ham band, Nov 25  
1355&1905 on 7120 HAR 100 kW / non-dir to EaAf Somali, fair  
<https://swldxbulgaria.blogspot.com/2018/11/fair-signal-of-radio-hargeysa-nov25.html>  
(Ivo Ivanov, SWLDXBulgaria News, Nov 25 Part 2, DX LISTENING DIGEST)

## SOUTH AFRICA

### \*\* SOUTH AFRICA.

3320, Radio Sondergrense at 0254 in Afrikaans with a male and female DJs with small talk and playing pop and torch song vocals right through the top of the hour and right up to 0325 tune-out – Poor and noisy best heard on USB Nov 25 Coady-ON

– The closest amateur radio band to this band (90 meters) is the 75/80 meter band (3500 to 4000 Khz). Lately, as darkness approaches, it has been said that the band is going long which basically means that it has become quite difficult for effective local communication (within two hundred kilometers) but long distance communication, while still possible, is subject to a lot of noise as we are at solar minimum.

The same can be said about the 90 meter shortwave band as the noise makes receiving this station quite difficult and it is best heard on USB as that mode seems to clear up a lot of the noise inherent with this being night-time during this particular point in the solar cycle. In fact, seasoned DXers seldom listen in AM preferring to listen strictly to one of the sidebands so that they can pick out program details others will miss

(Mark Coady, Selwyn, Ontario, Kenwood TS440S or Ten-Tec Argonaut II and 40 and 80 meter off centre-fed dipoles, ODXA iog via DXLD)

### \*\* SOUTH AFRICA.

15419.996V, Nov 23 at 1508, VP carrier with flutter, hard to measure, starting off slightly above 15420.00 but at one point centred here. HFCC shows BBCWS in English via Meyerton this hour only. (Also still lists WBCQ all day on 15420, which would surely vary even more than this, but Allan Weiner once said he had no intention of reactivating it)  
(Glenn Hauser, OK, DX LISTENING DIGEST)

## SOUTH CAROLINA

### \*\* SOUTH CAROLINA [non].

9395, WRMI Radio Miami Int'l (presumed); 2015, 11/21; Bro. HyStairical wants reception reports. SIO=453- just above QRN. Different enthusiastic religihuxter on 9330.19, WBCQ (presumed) with a much better sig. 9330v usually carries the SC B.S. (Harold Frodge, Midland MI, Drake R8B + 185' RW, ----- All logged by my ears, on my receiver, in real time. -----, DX LISTENING DIGEST)

I'll bet 9330 was still TOM --- sometimes BHS puts on unfamiliar othervoices for a bit (gh, DXLD)

## SPAIN

### \*\* SPAIN.

9690, REE at 0300 with IS to 0305 and brief OC and off with no English service as scheduled – Good signal but disappointing none the less Nov 20.

9690, REE at 2254 in Spanish with a man and a woman with several IDs and promos and into pop vocals at 2256 then time pips at 2300 and a man with a "Radio Exterior de España" ID and Alison Hughes with "English language service" then jazz instrumentals and Justin Coe featuring American jazz musician Stanley Clark who is appearing in Madrid – Good Nov 23.

9690, REE at 0257 in Spanish with pop vocals to time pips at 0300 and brief IS and a man with a "Radio Exterior de Espana" ID and sked and another ID and IS from 0301 to 0305 and off – Very Good Nov 24 - This is the second time this week that I have monitored this frequency at this hour and come away without hearing any English. Has anyone heard REE in English at 0300? I certainly haven't. They are definitely in English at 2300 on Mondays, Wednesdays, and Fridays. Is English at 0300 on Tuesdays, Thursdays, and Saturdays actually scheduled or is it just wishful thinking on the part of DXers and SWLs? (Mark Coady, Selwyn, Ontario, Kenwood TS440S or Ten-Tec Argonaut II and 40 and 80 meter off centre-fed dipoles, ODXA iog via DXLD)

When they announced their new shortwave schedule, they announced it as 8 hours in duration, beginning at 1900 UT. But that same announcement also mentioned English at 2300 "and 0300".

If you look on their website, their schedule (intended for a live webcast audience) does indeed show English at 2300 and 0300. But an 8-hour shortwave transmission beginning at 1900 UT would end at 0300. So the 0300 broadcast would not be on shortwave. I'd noted that anomaly when they first gave the schedule.

Here's the schedule for REE on their website, noting this shows local time, which is UT +1: <http://www.rtve.es/radio/radio-exterior/programacion/>

And here's their current shortwave frequency schedule: <http://www.rtve.es/radio/20181026/frecuencias-onda-corta/1827078.shtml> (Richard Cuff / Allentown, PA USA, Nov 24, odfa yg via DXLD)

9690, Sun Nov 25 at 1534, REE sports show on air earlier on weekends, but this North American frequency is the \*worst\* of the four, in North America, VP S9-S7! REE frequency management continues to be pitiful. 12030 in opposite direxion is best, S9+10/20 with tennis, basketball items, and a slight long/shortpath echo. Longpath from Noblejas to Enid is 20 kilomiles, 4 X the shortpath of less than 4.9 kmi. 11940 to S America is next at a sufficient S9. 9690 is even worse than what is normally the weakest later in the day, 11685 for Africa  
(Glenn Hauser, OK, WORLD OF RADIO 1958, DX LISTENING DIGEST)

9690, Monday November 26 at 2316, REE English good signal, well-spoken YL announcer with news headlines; but from then on starts fading way down; it seems they are always playing music at 2330 which is simply faded out for timesignal and switch to French; while the original English podcast may run on music several more minutes. Nothing audible on the 25m frequencies now except possible carriers  
(Glenn Hauser, OK, DX LISTENING DIGEST)

## SRI LANKA

### \*\* SRI LANKA.

15624.872, AWR via SLBC Trincomalee relay site, S=9+10dB, AWR Amoy language service on local Monday schedule. Very odd fq transmitter operation, one of three 250 kW units. At 0118 UT. Log Nov 26, 0045 - 0123 UT, at Seoul Rep. of Korea remote unit [selected SDR options, span 12.5 kHz RBW 15.3 Hertz]  
(Wolfgang Bueschel, df5sx, wwdxc BC-DX TopNews Nov 26, DX LISTENING DIGEST)

## SUDAN

### \*\* SUDAN.

7205, Sudan Radio, Al Aitahab, 1830-1845, 22-11, Arabic comments, East African songs. 25322. Also 1905-1915, 23-11, Arabic comments. 35433.  
(Méndez)

9505, Voice of Africa, Sudan Radio, Al Aitahab, 1800-1900\*, 21-11, Arabic comments, at 1820 English: "Hello listeners, Voice of Africa", comments, at 1840 vernacular comments and African songs. 25322. 22 and 23 November out of air  
(Manuel Méndez, Lugo, Spain, Logs in Friol, Tecsun S-8800, cable antenna, 8 meters, WOR iog via DXLD)

## SUDAN SOUTH

### \*\* SUDAN SOUTH [non].

CLANDESTINE [sic] (South Sudan) 15410, Eye Radio – Santa Maria di Galeria [VATICAN], \*1500-1546 Nov 19, man announcer with English language opening station ID and announcements quickly followed by Arabic. Arabic news followed by English news with many items focused on South Sudan. Poor to fair (Rich D'Angelo, French Creek State Park DXpedition No. 56 (November 18, 19 and 20, 2018), Equipment: Ten-Tec RX-340, Drake R-8B and an Eton E1, 500-foot wire essentially north for the RX-340 and 250-foot wire essentially northeast for the R-8B and a whip antenna for the E1, Nov 25, NASWA yg via DXLD)

## SWAZILAND

### \*\* SWAZILAND. Trans World Radio Africa, no signal from Oct.28

1400-1415 on 15360 MAN 100 kW / 043 deg to SoAs Urdu

My last video of Trans World Radio Africa, August 22

[https://www.youtube.com/watch?v=WDRDque\\_xl&feature=youtu.be](https://www.youtube.com/watch?v=WDRDque_xl&feature=youtu.be)

MISSING TRANSMISSIONS via Media Broadcast, TDF Issoudun & Tashkent

<https://swldxbulgaria.blogspot.com/2018/11/missing-transmissions-via-mbr-tdf.html>

(Ivo Ivanov, SWLDXBulgaria News, Nov 25 Part 2, DX LISTENING DIGEST)

## SYRIA

### \*\* SYRIA. Raed Fares: Syria radio host shot dead in Idlib

<https://www.bbc.com/news/world-middle-east-46320355>

<https://www.thetimes.co.uk/edition/world/leading-anti-assad-activist-assassinated-in-idlib-tp202m78q>

(via Gerald T Pollard, NC, Nov 23, DXLD) obit

## TAIWAN

### \*\* TAIWAN.

17400.242, SOH Sound of Hope, Mandarin Chinese S=7-8 at 0104 UT Nov 26. Log Nov 26, 0045-0123 UT, at Seoul Rep. of Korea remote unit [selected SDR options, span 12.5 kHz RBW 15.3 Hertz]

(Wolfgang Bueschel, df5sx, wwdxc BC-DX TopNews Nov 26, DX LISTENING DIGEST)

## TAJIKISTAN

### \*\* TAJIKISTAN.

7496, Nov 20 at 2254, JBA carrier, signature one-kHz- off-frequency of presumed Voice of Tibet via Dushanbe, scheduled here at 2300-2330 per Observer, Bulgaria Nov 6, (and 7484 at 2330-2400), both 100 kW, 131 degrees in Tibetan. Notice how these flank WBCQ (Glenn Hauser, OK, DX LISTENING DIGEST) See also [TIBET](#) [non]

## TIBET

### \*\* TIBET.

4919.98, CHINA P.R., PBS Xizang, Lhasa Baiding in Tibetan 11.16.2018  
2221-2248 local pop song, woman brief talk, continuing same song,  
music pause with man/woman brief announcements, typical Chinese songs,  
with women /men talk with some sounds and music at times after each  
track, heard in ssb, moderate qrn, fair; in // 4905 almost fair; //  
6025 fair with splats; //6110 poor with splats; 6130 good; //6200  
poor/very poor; // 7385 good

(Gianni Serra - Roma-Italy, JRC NRD 525 receiver; Alpha Delta DX-SWL  
Sloper-S antenna; RG 8 mini coaxial cable; JPS NIR 12 Noise &  
Interference Reducer-Dual DSP outboard audio filter; JRC NVA 319  
external loudspeaker unit; Sony MDR-101 stereo headphones; DX  
LISTENING DIGEST)

### \*\* TIBET [non].

TAJIKISTAN Frequency changes of Voice of Tibet Nov.25

1235-1300 NF 11605 DB 100 kW / 131 deg to CeAs Tibetan, ex 11604

1305-1330 NF 9899 DB 100 kW / 131 deg to CeAs Tibetan, ex 9896

<https://swldxbulgaria.blogspot.com/2018/11/frequency-changes-of-voice-of-tibet-on.html>

(Ivo Ivanov, SWLDXBulgaria News, Nov 25, DX LISTENING DIGEST) See also

[TAJIKISTAN](#)

## TURKEY

### \*\* TURKEY.

12035.695, Nov 20 at 1412, VOT English with Turkish music at S9-S5,  
way off-frequency today; while 11815.00 TRT Turkish at 1416 is only ~6  
Hz away from NHK, roughly equal signals mutually producing a heavy SAH  
= subaudible heterodyne.

5960, Nov 20 at 2251, Voice of Turkey is on early before 2300 English  
to North America, S9+10, music and then contact info in what language?  
Italian! Italian? That's only scheduled at 1500-1530 on 6185. What  
does the website <https://www.trtworld.com> say? NOTHING, about any SW  
broadcasts or how to find anything not in English. Even by searching  
on Italiano!

(Glenn Hauser, OK, DX LISTENING DIGEST)

[and non]. 5960, Nov 21 at 2150, VP M&W conversation in English.  
Thought it might be another screwup by VOT but must be CRI via ALBANIA  
as scheduled until 2200 when this goes off.

As for 5960 in unsked Italian I heard previously before 2300: To find  
VOT language services, avoid the TRTWorld website, but instead go to,  
e.g. Italian:

<http://www.trt.net.tr/italiano/>

which further link to:

<http://www.trt.net.tr/italiano/content/Frequenze>

BUT: ONLY \*satellite\* frequencies, 8 entries, and 4 of them are  
duplicates! Nothing about any SW transmissions, let alone the totally  
unscheduled one I caught.

TRT World does have a banner at the top about Topic A:  
Jamal Khashoggi: from a storyteller to a story to tell

<http://interactive.trtworld.com/khashoggi>

(Glenn Hauser, OK, WORLD OF RADIO 1958, DX LISTENING DIGEST)

9870.013 kHz, Just before TRT Emirler start in Spanish, around  
0153-0200 UT noted interval signal on 9870.013 kHz instead.

Need more monitoring, probably replaced ex-9650 kHz ?

0200-0255 UT 9410 EMR 500 kW 252 deg to SoAM Spanish

0200-0255 UT 9650 EMR 500 kW 290 deg to CeAM Spanish

<<http://www.trt.net.tr/espanol/content/Frecuencias>>

(Wolfgang Bueschel, df5sx, wwdxc BC-DX TopNews Nov 21, DX LISTENING DIGEST)

9870 was one of the VOT A18 Spanish frequencies at 0100

(gh, DXLD)

For example with TRT SW frequencies

<http://www.trt.net.tr/espanol/content/Frecuencias>

all websites on different TRT World foreign languages these days  
show STILL old A-18 March - Oct frequencies. 73 wolfie (Wolfgang  
Bueschel, Nov 22, DXLD) And old times one hour earlier

(gh)

TRT Voice of Turkey EMR on very odd 11925.7/11955.7 Nov.22

0700-0955 11925.7 500 kW / 105 Turkish, instead of 11915 [sic] Nov.21

1000-1055 11955.7 500 kW / 180 Arabic, instead of 11955 Nov.21

<https://swldxbulgaria.blogspot.com/2018/11/voice-of-turkey-on-very-odd-frequencies.html>

(Ivo Ivanov, SWLDXBulgaria News, Nov 22, DX LISTENING DIGEST)

5960, V Turkey, English News and ID at 2306 and then continuing with  
more OM news. Multi lingual ID at 2315 and then back to English with  
political feature/talk. Some brief music, and then the "Question of  
the Month" leading up to the BoH when they went into the usual Turkish  
music. (This is always good stuff, but they frustratingly tell us  
NOTHING about the music!) ID and off at 2352. 4+3+4+43+ 2305-2352\*  
22/Nov SDRplay +SDRuno +ANC-4 +randomwire

(Kenneth Vito Zichi, from Williamston in south central lower Michigan,  
heard with actual gear and an actual antenna in the actual physical  
space, with my actual ears and eyes, WOR iog via DX LISTENING DIGEST)

6125, Voice of Turkey at 0355 with IS and ID loop to time pips at 0400  
and a man with ID, sked, web platforms, and contact info and a man  
with news at 0401 – Very Good Nov 24 – No sign of // 7240 plus they  
had a mix-up in their opening announcements as they read the schedule  
for the A18 broadcasting season rather than B18 as they mentioned 0300  
to 0400 on 9515 rather than 0400 to 0500 on 6125. At least it was  
today's news and not news from sometime in the A18 season

(Mark Coady, Selwyn, Ontario, Kenwood TS440S or Ten-Tec Argonaut II  
and 40 and 80 meter off centre-fed dipoles, ODXA iog via DXLD)

V of Turkey odd freqs 15235.7/11795.7/13565.7/7245.7 Nov.24

0600-0655 on 15235.7 / 210 deg CEAF Ha/Sw, instead of 15235.0 Nov.23

0930-1055 on 11795.7 / 105 deg WeAs Farsi, instead of 11795.0 Nov.23

1130-1155 on 13655.7 / 062 deg CeAs Uzbek, instead of 13655.0 Nov.23

1200-1225 on 7245.7 / 300 deg SEEu Bulgarian, instead of 7245 Nov.23

[https://swldxbulgaria.blogspot.com/2018/11/voice-of-turkey-on-odd\\_24.html](https://swldxbulgaria.blogspot.com/2018/11/voice-of-turkey-on-odd_24.html)

(Ivo Ivanov, SWLDXBulgaria News, Nov 24, DX LISTENING DIGEST)

**Voice of Turkey, EMR odd frequencies on Nov.25**

1000-1055 11955.7 500 kW / 180 NEAf Arabic, instead of 11955 Nov.24

1300-1325 11965.7 250 kW / 072 CeAs Turkmen, instead of 11965 Nov.24

1330-1425 13685.7 500 kW / 072 CeAs Uyghur, instead of 13685 Nov.24

<https://swldxbulgaria.blogspot.com/2018/11/voice-of-turkey-on-odd-freqs.html>

(Ivo Ivanov, SWLDXBulgaria News, Nov 25, DX LISTENING DIGEST)

## UKRAINE

**\*\* UKRAINE [non].**

7780, USA, Radio Prague (via WRMI) at 0221 with a "Panorama" interview of a Czech aerospace engineer working on adapting an ion engine for NASA to power earth orbiting satellites and low earth orbit vehicles and about other Czech advances in space – Good Nov 24

7780, USA, Radio Ukraine International (via WRMI) at 0230 with IS and a woman with ID and opening announcements and into "Ukraine Today" with a man with news and a man and a woman with news magazine reports at 0252 re-check – Poor Nov 24 – It's amazing how a signal can totally deteriorate over a matter of minutes as witness the difference in reception quality between this one and Radio Prague

(Mark Coady, Selwyn, Ontario, Kenwood TS440S or Ten-Tec Argonaut II and 40 and 80 meter off centre-fed dipoles, ODXA iog via DXLD)

## U A E

**\*\* U A E.**

1170 kHz, Abu Dhabi. For a long time on MW 1170 kHz sounded Radio Abu Dhabi in Arabic and from around August-September the program was changed to Sawto Jumhuriya & the music also was changed - instead of folk & disco songs in Arabic & English it was replaced with military choir songs

(Rumen Pankov-BUL, via wwdxc BC-DX TopNews Nov 11, BC-DX 20 Nov via DXLD)

## U S A

**\*\* U S A.**

A bit of NDB DXing during quiet atmospheric conditions, but between local computer birdies all over:

356 kHz, Nov 21 at 0247, ODX, which is 25 watts at Ord, Nebraska. Has CCI from another at same pitch difficultizing copy

379 kHz, Nov 21 at 0251, RUE, 25 watts at Russelville, Arkansas; tuned to 380-USB.

410 kHz, Nov 21 at 0254, EGQ, 25 watts at Emmetsburg, Iowa; tuned to 411-USB. Also got two Canadians, q.v.  
(Glenn Hauser, OK, DX LISTENING DIGEST)

**\*\* U S A.**

7255-LSB, Nov 24 at 2240, some madham keeps spewing swearing like ``M-F-S-T-F-U``, at another ham who nevertheless calmly engages him, with ID as W6WBJ, i.e. CROWELL, WILLIAM F, DIAMOND SPRINGS, CA 95619 per ARRL/FCC lookup

(Glenn Hauser, OK, DX LISTENING DIGEST)

**\*\* U S A.** VOA IN LINGALA --- all the publicity about adding a new language never got around to telling us what frequencies, what times!

Finally I go searching for it, leading to the VOA French page at <https://www.insidevoa.com/p/voa-broadcasting-in-french-to-africa.html>

Then searching on Lingala merely leads to these two items:

Basango na VOA -- a five-minute live newscast in Lingala drawn from Africa division reporting and from Lingala stringers, broadcast at 14:00 UTC / 3 pm Kinshasa time and at 16:00 UTC / 5 pm Kinshasa time.

Bokolongono mpe Bomoyi (Health and Life) -- a five-minute pre-recorded health show in Lingala focusing on Ebola and HIV/AIDS drawn from Africa division's health reporting and from Votre Sante [sic] Votre Avenir. It airs at 09:05 UTC / 10:05 am Kinshasa time and at 10:05 UTC / 11:05 am Kinshasa time following the five-minute French newscasts.

OK, now to find the SW frequencies for French at 09, 10, 14 and 16 UT:

<http://hfcc.org/data/schedbyfmo.php?seas=B18&fmor=IBB>

There aren't any! So must be on FM/web only, which I am not going to hunt for this far away

(Glenn Hauser, OK, DX LISTENING DIGEST)

Hi, Glenn, I'm reasonably sure that, when I was in Johannesburg, in 1984-85, Moscow may have had programs in Lingala. They had several transmissions in what sounded like Central African languages – tonal, with French loan words. I always wished they would have announcements in Russian, as does VOA, in English, telling you what language was coming up: "This is the Voice of America. The following program is in Albanian."

I once heard Moscow or Peace in Progress, in Zulu, with its distinctive clicks, and intonation [Xhosa? gh], but, never heard it again. I also once heard a clandestine broadcast from Zambia (maybe) in, of all things, Afrikaans, with a black African speaker. Tried to find it again, never did. 73,

(Tim Hendel, AL, Nov 25, 2018, DX LISTENING DIGEST)

**\*\* U S A.**

15570, Nov 21 at 2048, S9+20 of open carrier, surely Greenville B warming up for its hour on 15580 from 2100; 10 kHz off the avoid overlapping VOA Botswana on 15580 all the way from 14 to 21. Circa 2100, 15570 will jump to 15580 and start modulating

(Glenn Hauser, OK, DX LISTENING DIGEST)

**\*\* U S A [non].**

B-18 frequency changes of Voice of America & R Ashna

<https://swldxbulgaria.blogspot.com/2018/11/winter-b-18-frequency-changes-of-voice.html>

**Winter B-18 frequency changes of Radio Free Asia**

[https://swldxbulgaria.blogspot.com/2018/11/winter-b-18-frequency-changes-of-radio\\_21.html](https://swldxbulgaria.blogspot.com/2018/11/winter-b-18-frequency-changes-of-radio_21.html)

**B-18 frequency changes of R. Free Afghanistan / Liberty / Mashaal**

<https://swldxbulgaria.blogspot.com/2018/11/winter-b-18-frequency-changes-of-rfree.html>

(Ivo Ivanov, SWLDXBulgaria News, Nov 20-21, DX LISTENING DIGEST)

**\*\* U S A [and non].** WORLD OF RADIO 1957 monitoring: confirmed Wednesday November 21 at 2200 on WRMI 9955, S9+10 and somewhat better than 1 second later on S9 WBCQ 7490+v, which is noisier (and BTW at 2159 had an ID for the Global Star Radio Network, apparently source of `Financial Survival`). Next WOR SW broadcasts not until:

0729 UT Saturday HLR 6190-CUSB Germany to WSW  
 1200 UT Saturday Unique 9265 via WINB to WSW  
 1531 UT Saturday HLR 9485-CUSB Germany to WSW  
 1700 UT Saturday WRN 5950 via WRMI to WNW [unconfirmed]  
 2030vUT Saturday WA0RCR 1860-AM non-direxional  
 0400vUT Sunday WA0RCR 1860-AM [nominal 0415], ND  
 1130 UT Sunday HLR 7265-CUSB Germany to WSW  
 2130 UT Sunday WRMI 7780 to NE  
 2230 UT Sunday WRMI 9955 to SSE  
 0230 UT Monday WRMI 5950 to WNW, 9395 to NNW  
 0400vUT Monday WBCQ 5130v Area 51 to WSW  
 0430 UT Monday WRMI 9955 to SSE  
 (Glenn Hauser, OK, DX LISTENING DIGEST)

**GERMANY, Reception of World of Radio via HLR on 6190 CUSB, Nov.24**  
 0731-0800 on 6190 GOH 001 kW / 230 deg to CeEu English Sat, fair/good  
 Wrong frequency announcement:...HLR on 7265 kHz, instead of 6190 kHz!

[https://swldxbulgaria.blogspot.com/2018/11/reception-of-world-of-radio-via-hlr-on\\_24.html](https://swldxbulgaria.blogspot.com/2018/11/reception-of-world-of-radio-via-hlr-on_24.html)

(Ivo Ivanov, SWLDXBulgaria News, Nov 24, DX LISTENING DIGEST)

**WORLD OF RADIO 1957 monitoring: confirmed UT Sunday November 25 at 0431 on WA0RCR, 1860-AM, MO, at the item about Itahuka, about 13 minutes into show, so started circa 0418.**

**Ivo Ivanov, Bulgaria reports:**

**`GERMANY Reception of World of Radio via HLR on 7265 CUSB, Nov 25**

[https://swldxbulgaria.blogspot.com/2018/11/reception-of-world-of-radio-via-hlr-on\\_25.html](https://swldxbulgaria.blogspot.com/2018/11/reception-of-world-of-radio-via-hlr-on_25.html)

**1131-1200 7265 GOH 001 kW / 230 deg to CeEu English Sun, weak/fair`**

**Next:**

2130 UT Sunday WRMI 7780 to NE  
 2230 UT Sunday WRMI 9955 to SSE  
 0230 UT Monday WRMI 5950 to WNW, 9395 to NNW  
 0400vUT Monday WBCQ 5130v Area 51 to WSW  
 0430 UT Monday WRMI 9955 to SSE  
 (Glenn Hauser, OK, DX LISTENING DIGEST)

**USA, Military Retirement and World of Radio via WRMI-01 on Nov.25**  
 2030 & 2130 on 7780 YFR 100 kW / 044 deg to WeEu English, very good  
<https://swldxbulgaria.blogspot.com/2018/11/military-retirement-and-world-of-radio.html>  
 (Ivo Ivanov, SWLDXBulgaria News, Nov 25 Part 2, DX LISTENING DIGEST)

**WORLD OF RADIO 1957 monitoring: confirmed JBA**  
**Sunday November 25 at 2145 the 2130 on WRMI 7780.**

**NOT confirmed at 2244 the Sunday 2230 on WRMI 9955, instead a discussion of 4VEH Haiti. This is presumably `Impact Radio` as has stayed on the websked, never showing WOR which was apparently a temporary fill-in for several weeks (and at 2130 UT during DST).**

**Since stations don't tell us anything about sked changes affecting WOR, if anyone else hear WOR at an unexpected time, please inform me!**

**Confirmed UT Monday November 26 at 0230 on WRMI 5950, fair S8; supposed to be // 9395 but that's only a JBA carrier.**

**Confirmed UT Monday November 26 at 0401 on Area 51 webcast (following something called `Radio Legion` claiming to be on 7415, a long-gone WBCQ frequency), but a JBA carrier on WBCQ 5129.410 as measured a bit earlier at 0324.**

**Confirmed UT Monday November 26 at 0430 on WRMI webcast; 9955 checked at 0419 is a JBA carrier.**

**WORLD OF RADIO 1958 contents: Asia non, Brazil, China, Cuba, France, Germany, Iran, Japan, Kurdistan non, Madagascar, Perú. Spain, Turkey, USA, unidentified, equipmentips, publication, and the propagation outlook**

**WOR 1958 ready just in time for first airing UT Tuesday November 27 at 0030 on WRMI 7730, good. Next airing UT Tuesday November 27 at 0200 on WRMI 9955 cannot be confirmed on a JBA carrier, while the pulse jamming earlier is no longer audible either, both faded out. BUT this is confirmed on WRMI webcast. Next:**

2030 UT Tuesday	WRMI	7780 to NE
1030 UT Wednesday	WRMI	5950 to WNW
2200 UT Wednesday	WRMI	*9955 to SSE
2200 UT Wednesday	WBCQ	*7490v to WSW
0729 UT Saturday	HLR	6190-CUSB Germany to WSW
1200 UT Saturday	Unique	*9265 via WINB to WSW
1531 UT Saturday	HLR	9485-CUSB Germany to WSW
1700 UT Saturday	WRN	*5950 via WRMI to WNW [unconfirmed]
2030vUT Saturday	WA0RCR	1860-AM non-direxional
0400vUT Sunday	WA0RCR	1860-AM [nominal 0415], ND
0830 UT Sunday	WRMI	5850 to NW, 5950 to WNW, 7730 to WNW [NEW]
1130 UT Sunday	HLR	7265-CUSB Germany to WSW
2130 UT Sunday	WRMI	7780 to NE
0230 UT Monday	WRMI	5950 to WNW, 9395 to NNW
0400vUT Monday	WBCQ	*5130v Area 51 to WSW
0430 UT Monday	WRMI	*9955 to SSE

\* also webcast

**Complete updated WOR sked, all affiliates, satellite, webcast, AM&FM:**  
<http://www.worldofradio.com/radioskd.html>  
 (Glenn Hauser, OK, DX LISTENING DIGEST)

**Summary of WOR sked changes: ADD Sunday 0830 on WRMI 5850, 5950, 7730; SUBTRACT Sunday 2230 on WRMI 9955 (WORLD OF RADIO 1958, DXLD)**

WBCQ WBCQ:

**\*\* U S A.**

9330.025, Nov 20 at 1405, WBCQ BS adjusted much closer to nominal; it had been 9330.232 on Nov 14 and I think just yesterday almost that high.

5130.471, Nov 21 at 0146, JBA carrier from presumed WBCQ backup, further off-frequency than usual; it should be on tonight for the weekly UT Wednesday `Amateur Radio Roundtable` from 0200. I daresay the program would have better coverage via a ham transmitter on ``60`` or ``80`` meters.

5130.471v, Nov 24 at 0144, WBCQ with `Allan Weiner Worldwide`, from Florida studio, S9-S6 and noisy, apparently still backup transmitter on variable frequency up this high. Nothing audible on 9330v, but 31m is almost dead otherwise.

7490.188v is best, S9-S7; retune at 0159 end of benedixion and AW says there will be new programming on 5130 next week, see website. But websked has no such new info, yet? And 7490+ into sign-off routine.

5130.471, UT Sat Nov 24 at 0205 recheck, this WBCQ still on at S6-S9, poorly audible talk, but sure sounds like John the VORW, musing about Thanksgiving. That would be a new time/station for him.

John H Carver, Jr, sends his weekly summary of the entire AWWW for Nov 24 from 0100: ``Show started on time this evening on 7490 but I quickly tuned to 5130 as it was difficult to copy 7490.

Allan and Angela in studio 9 in FLA. Opening talk is about toilets and how many people in the world don't have any. Then comments about China, North Korea and Cuba. Then on to the question of the night which was "where is this economic prosperity" that everyone talks about. Then a sidebar about Black Friday and the budget deficit. Says too many entitlements put in play by the Democrats but quickly states that Social Security is NOT an entitlement.

First phone call at 0121 with talk about the opening theme song which morphs into talk about the economy and then into property taxes. Pirate Joe calls at 0140 after the previous caller vacates the phone line. Pirate Joe agrees that the economic recovery didn't happen. Allan's main statement this evening is stay out of debt.

Reading of emails at 0154. Just one email and Ramsey calls at 0156. Closing prayer at 0158. Allan stated that some new programs were starting this next week on 5130 but gave no other details. Show was off the air at 0200.

There was one longish internet dropout this evening during the show [apparently meaning the feed from FLA to Monticello]. A particular pet peeve of this writer. In a medium where we only have audio to work with this writer would prefer the lower quality audio via a phone patch and hear everything said rather than better audio and miss some things said. John, Mid-North Indiana``  
(Glenn Hauser, OK, DX LISTENING DIGEST)

**John Carver replies to my hearing VORW on WBCQ 5130.471v after 0200 UT Saturday November 24: ``Glenn, yes. VORW follows AWW on 5130 and was there last week also. I had an S9 on 5130 for most of the evening and was the best of the three, 7490, 9330 and 5130. John``. Later I see that it was on the latest sked VORW circulated  
(Glenn Hauser, OK, WORLD OF RADIO 1958, DX LISTENING DIGEST)**

**WRMI WRMI WRMI:**

**\*\* U S A.**

5850, WRMI s/on with IS and IDs and into BSR Radiogram, yet ANOTHER repeat of the 'all photos' show aired the last 2 weeks. Then into SW Radiogram #74 in much better than at 1400 [BULGARIA], with near 100% copy of the text in all modes. Stories tonight were about: Dust clouds found in Earth Orbit at L4 and L5; Arecibo radio telescope 'digital' message to space from 1974 and their recent experiments with "ionospheric heating" as received in Greece: [illustrated]

(color added to the 1974 message to highlight the different segments of the message, but there was no 'color' info transmitted in 1974!) The 'camp' fire in California, Snow and freezing rain, some old high-resolution photos in the DC area of the moon have recently been made available and a painting in honor of US Thanksgiving:

And then into Glen [sic] Hauser's World of Radio #1956 with items re Anguilla's erratic behaviour of late, etc.

Then fill music to round out the half hour until ToH ID by Bob Zanotti and carrier off in the middle of that ID!. 4+554+4+ pretty much throughout -- great reception tonight for their NEW day of the week (now on Sunday AM instead of Monday! \*0657-0900\* 18/Nov SDRplay +SDRuno +ANC-4 +FLDigi for the digital bits, +randomwire (Kenneth Vito Zichi, from Williamston in south central lower Michigan heard with actual gear and an actual antenna in the actual physical space, with my actual ears and eyes, WOR iog via DX LISTENING DIGEST)

7730 & 5850, UT Monday Nov 19 at 0700 and still 0721 no signals from WRMI. Kim Elliott of `SW Radiogram` had said his show was moved from Mondays at 0800 to UT Sundays, 24 hours earlier and less inconvenient? in North America. This presumably also applies to `Broad Spectrum Radio`, beepery from OK in the hour preceding it from 0700. And the WRMI skedgrid now specifies Sundays-only for these at 0700-0900 (Glenn Hauser, OK, WORLD OF RADIO 1957, DX LISTENING DIGEST)

And furthermore, a WORLD OF RADIO airing has been inserted without notice: 0830-0900 Sunday, System D 5850 5950 7730, now on skedgrid as confirmed by Kenneth Vito Zichi Nov 18 on 5850 (Glenn Hauser, OK, WORLD OF RADIO 1958, DX LISTENING DIGEST)

9955, Tue Nov 20 at 2246, finally a new `Viva Miami`, this time Jeff doing a WRMI mailbag in English, acknowledging many reports by name, location and frequency (Glenn Hauser, OK, DX LISTENING DIGEST)

7730 // 5850, UT Sun Nov 25 at 0701, WRMI with `Broad Spectrum Radio` moved forward 24 hours, ex-UT Mon. Missed opening, so James Branum is already interviewing someone unknown. His audio is better than JB's who sounds like he's via Skype. No beepery, yet?

5950, UT Sun Nov 25 a 0701, continues RFI in Spanish (NOT Portuguese), 7 days a week, but at 0800-0900 is supposed to join 7730 & 5850 for `Shortwave Radiogram` and WORLD OF RADIO, zzz unchecked here (Glenn Hauser, OK, DX LISTENING DIGEST)

**OTHERSW OTHERSW OTHERSW OTHERSW OTHERSW OTHERSW OTHERSW OTHERSW OTHERS****\*\* U S A.**

5920, Nov 21 at 0210, song with heavy Doppler flutter on poor signal, very unusual for WHRI usually bigsig. Must be a propagation disturbance, auroral bounce? But at 0300 WWV reports K=1 and no space weather storms. By 0600 K=3 but still unstormy  
(Glenn Hauser, OK, DX LISTENING DIGEST)

**\*\* U S A.**

5085, Nov 21 at 0730, WTWW-2 is S9+30 with unfamiliar Xmas song --- oh2, I fear like last year Ted is going to run Xmasmx into the ground for more than a month, nothing but? Meanwhile, the MUF intervenes to weaken 5830, WTWW-1 to VP S9-S6 and undermodulated to boot. Neighbor 5935 WWCRCR is still good S8 and much louder.

5085, Nov 22 at 0138, WTWW-2 much weaker than usual, only S9+10 and undermodulated with music, and even some ute ACI it can't elbow. 0141 canned Ted promotes SFA on WTWW-1, which at 0152 I find poor at S9+10 on 5830. I guess the skip is going long even at 5 MHz. Recheck 0422, 5085 now recovered to S9+20/30 with Xmasmx, but 0658 rerecheck in dead air. Something's always wrong  
(Glenn Hauser, OK, DX LISTENING DIGEST)

**\*\* U S A [and non].**

9470, Nov 21 at 1227, I am trying to confirm whether WEWN is really active here in English at 09-13 as scheduled. There is something in English talk, so I guess that's it, mixed with music, and 1233 into Chinese, adding up to very poor, and with heavy flutter. EiBi shows at 12-13 there is RTI in Mandarin, and of course CNR1 or Firedrake jamming. Yet WEWN is trying to reach CIRAF 43 & 44 = central and eastern China on a 335 degree beam almost trans-polar, a fool's errand. These are not in HFCC, of course, so how is WEWN supposed to know about them? The rest of the span until 1155 also is blocked by PBS Xinjiang in Kazakh from East Turkistan  
(Glenn Hauser, OK, DX LISTENING DIGEST)

**\*\* U S A.**

15555-USB, Nov 23 at 1506, trace of over-assertive gospel huxter. First time I've detected WJHR in quite some time. This explains it: Last year's 2018 asserts that instead of licensed 50 kW, that's just a future-plan, really only 250 watts run at 1 kW PEP! That I could believe. It would pay to read every line of a WRTH in less than a year.

So to become an ISWBC station in the USA, you don't really need a minimum 50 kW transmitter to get licensed --- just \*plan\* too have one. What will the imminent 2019 WRTH say about WJHR?  
(Glenn Hauser, OK, WORLD OF RADIO 1957, DX LISTENING DIGEST)

**\*\* U S A [non].** Pan American Broadcasting, no signal from Oct.28 1930-2000 on 5930 NAU 250 kW / 155 deg to NoAf English Sun MISSING TRANSMISSIONS via Media Broadcast, TDF Issoudun & Tashkent <https://swldxbulgaria.blogspot.com/2018/11/missing-transmissions-via-mbr-tdf.html>  
(Ivo Ivanov, SWLDXBulgaria News, Nov 25 Part 2, DX LISTENING DIGEST)

\*\* U S A.

1250, Nov 20 at 1348 UT, nulling KYYS, Spanish from Kansas City, I have a sports station in English, itself roughly N/S, talking about ``The Blitz``, which I assume is some local team, then commercial for Augie`s Barbecue, on Broadway. It seems there is no current Blitz team altho there used to be one in Chicago. Blitz may now be some sports-oriented promotional entity or non-turf game.

Search on the BBQ however leads right to San Antonio TX, and I also heard ``1604`` mentioned, which is the outer loop around SA beyond I-410. So this is KZDC, 25000/920 watts U4, major daylobe to NW. With ESPN. Fits since 1200 WOAI is also still in. Don`t recall hearing KZDC before, maybe a previous call? But it`s been KZDC since 1995! And I did last log it in March, 2015. Well legal now, post-sunrise at 1300 UT in Nov (1315 UT in Dec)  
(Glenn Hauser, OK, DX LISTENING DIGEST)

\*\* U S A. Deadline Announced for AM Revitalization Comments  
By Peter Tannenwald, ComLawBlog, November 20, 2018

Attention all you AM radio nostalgia buffs and others interested in the future of AM radio, who hopefully read our post of October 10 about the FCC`s proposals to allow higher power operation by smaller AM stations by reducing nighttime signal protection for 50 kW Class A AM stations. The FCC`s proposals have been published in the Federal Register, establishing the deadline for Comments January 22, 2019, with Reply Comments due February 19, 2019.

Posted by

(Neal McLain, Brazoria, Texas, Nov 21, WTFDA gg via DXLD)

\*\* U S A.

Re: [WOR] Fw: Don & Doug Newsom Lost Their Home and the BBS Radio Offices in the California Fires that incinerated Paradise, CA

Just a quick reminder that any donations don't appear to be tax-deductible for US persons on charitable grounds as BBS Radio doesn't appear to be a charity. They're not listed in Exempt Organizations Select Check from IRS. I do hope they recover quickly, though  
(Stephen Kellat, IRS, WOR iog via DXLD)

## VATICAN

\*\* VATICAN.

13830, Nov 25 at 1529, VR IS is S9 with flutter, 1530 opening Amharic. SMG is scheduled 1530-1700, Amharic, then 1600-1630 Swahili/Somali, 1630-1700 English, all 250 kW with slight beam changes between 130 and 150 degrees, just right for North America off the back (or is it really front, reversed?)  
(Glenn Hauser, OK, DX LISTENING DIGEST)

## YEMEN

**\*\* YEMEN [non].**

Yemen on 1170? There have been recent reports of Yemen broadcasting on 1170 kHz, identifying as Sawt al Jamhouria (Voice of the Republic). I listened to 1170 last week and, indeed, the dominant signal was from a station IDing as Sawt al Jamhouria. However, I doubt that this was from Yemen.

It has been reported that the UAE have left this frequency, but I note that MWLIST is saying Sawt al Jamhouria is from Al-Dhabbaya, UAE, with 800 kW. That MWLIST entry seems entirely consistent with the UAE's historical use of this frequency and the very considerable strength of the signal that I was hearing. Does anyone have unequivocal information about the location of this station?

(Jean Burnell, DXing from Cappahayden, Newfoundland, Canada, Nov 22, mwdx yg via DXLD)

Re: Yemen on 1170? Not really unequivocal, but in my May recordings I can hear Abu Dhabi Radio, then it disappeared and was replaced by test transmissions of Sawt al-Jumhuriya. Best regards,  
(Mauno Ritola, Nov 23, mwdx yg via DXLD)

Many thanks, Mauno. The station, or one with the same name, is on FM on 104.1 MHz in Yemen, and I think an assumption that 1170 kHz was broadcast from the same country was likely the reason for erroneous reports of Yemen on MW (Jean Burnell, mwdx yg via DXLD) See also [UAE](#)

## ZANZIBAR

**\*\* ZANZIBAR.**

Zanzibar Broadcasting Corporation, no signal from Nov 18

0300-0600 on 6015 D0L 050 kW / non-dir to CeAf Swahili

1500-2100 on 11735 D0L 050 kW / non-dir to CeAf Swahili

My last video of Zanzibar Broadcasting Corporation, Nov 5

<https://www.youtube.com/watch?v=zQN4uSH5SJQ&feature=youtu.be>

?????????????? ?? Observer ? 11:23 AM

(Ivo Ivanov, SWLDXBulgaria News, Nov 25 Part 2, DX LISTENING DIGEST)

TANZANIA, 6015, Zanzibar Broadcasting Corporation, Dole, 0500-0510, 24-11, vernacular comments. 13321

(Manuel Méndez, Lugo, Spain, Logs in Friol, Tecsun S-8800, cable antenna, 8 meters, WOR iog via DXLD)

## UNIDENTIFIED

### UNIDENTIFIED.

Trans-Atlantic JBA carrier search, Nov 21 from 0301: 531  
[see [ALGERIA](#)], 557(2), 621, 639, 693, 747, 774, 819, 837, 855, 909,  
936(2), 999, 1026(2), 1089, 1134, 1152, 1215, 1575  
(Glenn Hauser, OK, DX LISTENING DIGEST)

### UNIDENTIFIED.

Last night (20/11 0025 UT), I heard a station at 4710 kHz with pop music, male voice from a studio, which is not listed under usual support controls. No conditions to identify the language. I was interested in this station, since the fading was very accentuated, and details were only possible to be detected with the use of a headphone. SINPO: 15321. Rx: KiwiSDR (São Bernardo) + Mini Whip Antenna. I would like to hear an idea on this. 73,  
(Rudolf Grimm São Bernardo SP BRAZIL <http://dxways-br.blogspot.com> Hard-Core-DX mailing list via WORLD OF RADIO 1958, DXLD)

Third harmonic? Dozens of Brazilians are on 1570  
(Glenn Hauser, DX LISTENING DIGEST)

Rádio Nossa Senhora do Socorro, 1570 kHz X 3?  
(Roberto Scaglione, Sicilia, <http://www.bclnews.it> ibid.)

Among dozens of Brazilians on 1570; why do you suggest that one?  
(gh)

### UNIDENTIFIED.

5009.931, Nov 20 at 0220, checking for WRMI which last week was running 5010 here during WORLD OF RADIO, but meanwhile deleted from schedule. Now there is a JBA signal with bits of music and slightly off-frequency, none of which point to WRMI. What else could it be? RHC 5040 is off, so that rules out a leapfrog over 5025 Rebelde. 5010 could bear a 3 x 1670 harmonic, but fundamental would also have to be off-frequency, and the closest 1670 is nonmusical WOZN Madison sportstalk. Aoki's Honduran and Dominican listed have been gone for years. AIR T`m, India supposedly stops at 0215 as a night frequency. A further spur from bigsig 5085 WTWW-2 which is on now with music? No, does not work out as a multiple of 12.9 kHz like 5072.1, which has also produced a second-order blob about 5059.2.

But there is one likely source left. R. Madagaskira which has been active lately, signs on at 0200, and in the past has varied a few kHz either side of 5010, in USB probably with reduced carrier. See this report: ``5010, R. TV Madagasikara, Ambohidrano, 1745-1758, 28/10. Francês; texto, música; 25331. 73, Carlos L R de Assunção Gonçalves, Portugal`. Can someone confirm its current exact frequency? If I hear this again, will try to tell whether it lack LSB (Glenn Hauser, OK, WORLD OF RADIO 1958, DX LISTENING DIGEST) continued: [MADAGASCAR](#)

### UNIDENTIFIED.

7850-USB, Nov 26 at 0329, I habitually start my 7 MHz band downscan at CHU, but instead of it I am hearing INTRUDERS, 2-way in Spanish, maybe truckers, mentioning camión. Never heard any such QRM to CHU before. More and more it loses out to plunging MUF, but there`s always 3330-CUSB  
(Glenn Hauser, OK, DX LISTENING DIGEST)

**UNIDENTIFIED.**

9649-USB, Nov 22 at 1413, 2-way INTRUDERS in colloquial Spanish despite het from a 9650 broadcaster, which would be Riyadh and/or Conakry (Glenn Hauser, OK, DX LISTENING DIGEST)1808 nov 22

**UNIDENTIFIED.**

9800, at 1944 in English and Mandarin with a mix of pop vocals in both languages then a man and woman with talk about the Bible at 1954 then a woman with talk in Mandarin at 1958 followed by flute instrumentals to 2000 and a man with Mandarin ID and talk and a possible mention of "Media Broadcast" – Fair Nov 25 – First heard and reported last week and we seem to be no closer to find out who this station is. The HFCC list has two entries: Media Broadcast from Issoudun, France in multiple languages and a new organization from Bulgaria in English (Mark Coady, Selwyn, Ontario, Kenwood TS440S or Ten-Tec Argonaut II and 40 and 80 meter off centre-fed dipoles, ODXA iog via DXLD)

**UNIDENTIFIED.**

11660, Unidentified Religious Broadcaster at 1924 with a male preacher talking about the blessings that come with following the word of God and spreading the good news then a woman with closing announcements at 1927 then brief piano instrumentals and OC and off with no ID at 1929 – Fair to Good with fading Nov 25 – There is nothing in Dan Ferguson's SW Skeds list for this one (Mark Coady, Selwyn, Ontario, Kenwood TS440S or Ten-Tec Argonaut II and 40 and 80 meter off centre-fed dipoles, ODXA iog via DXLD)

[non] English, u.o.s. Mark seems to be relying exclusively/primarily on that sked source. If he had checked Aoki/NDXC he would have found:

``11660 Follow The Bible Ministries 1900-1928 1..... English 250 65  
Ascension ASC 0754S 01423W FBM ENC b18``  
(Glenn Hauser, DXLD)

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# UNSOLICITED TESTIMONIALS

## ACKNOWLEDGED ON WORLD OF RADIO 1958:

Thanks for the listening enjoyment (Kenneth Kaiser, with a contribution via PayPal to woradio at yahoo.com)

Via PP not necessarily in US funds; PP will convert. Or, by money order or check in US funds on a US bank to Glenn Hauser, P O Box 1684, Enid OK 73702.

One of the things I use this site for is the creation of a podcast feed for Glenn Hauser's World of Radio. Glenn's recorded WoR for decades now. I remember hearing him on Radio Canada International back when it was a shortwave service and had a weekly program for shortwave enthusiasts.

Some years back I went looking for him online and found his site and started listening to his weekly shortwave roundups. One had to go to his site and download the audio manually. There were a few attempts at "podcasting" streams for his service, but I couldn't find a bona fide RSS feed for it. So, I made one.. .

<https://blog.keithweston.com/2018/11/22/world-of-radio-podcast/>

(Keith Weston, DX LISTENING DIGEST) Tnx much to Keith! (gh)

# PUBLICATIONS

**B-18 shortwave schedules of African Stations**

<https://swldxbulgaria.blogspot.com/2018/11/african-stations.html>

**B-18 shortwave schedules of Ethiopian and Eritrean stations:**

<https://swldxbulgaria.blogspot.com/2018/11/ethiopian-and-eritrean-stations.html>

**B-18 shortwave schedule of Radio Cairo**

<https://swldxbulgaria.blogspot.com/2018/11/radio-cairo.html>

**B-18 shortwave schedules of South African Stations**

<https://swldxbulgaria.blogspot.com/2018/11/south-african-stations.html>

**B-18 shortwave schedule of Telediffusion d'Algerie**

<https://swldxbulgaria.blogspot.com/2018/11/telediffusion-dalgerie.html>

**B-18 shortwave schedule of Alyx & Yeyi clandestine stations**

<https://swldxbulgaria.blogspot.com/2018/11/alyx-yeyi-clandestine-stations.html>

**B-18 shortwave schedule of Clandestine broadcasts**

<https://swldxbulgaria.blogspot.com/2018/11/clandestine-broadcasts.html>

**B-18 shortwave schedule of BBC**

<https://swldxbulgaria.blogspot.com/2018/11/bbc.html>

**B-18 shortwave schedule of BaBcoCk relays**

<https://swldxbulgaria.blogspot.com/2018/11/babcock-relays.html>

**B-18 shortwave schedule of Moosbrunn relays**

<https://swldxbulgaria.blogspot.com/2018/11/moosbrunn-relays.html>

**B-18 shortwave schedule of Media Broadcast relays**

<https://swldxbulgaria.blogspot.com/2018/11/media-broadcast-relays.html>

**B-18 shortwave schedule of Deutsche Welle**

<https://swldxbulgaria.blogspot.com/2018/11/deutsche-welle.html>

**B-18 shortwave schedule of European low-powered stations**

<https://swldxbulgaria.blogspot.com/2018/11/european-low-powered-stations.html>

**B-18 shortwave schedule of Radio Exterior de España:**

<https://swldxbulgaria.blogspot.com/2018/11/radio-exterior-de-espana.html>

**B-18 shortwave schedule of Radio France International**

<https://swldxbulgaria.blogspot.com/2018/11/radio-france-international.html>

**B-18 shortwave schedules of Radio Romania International & IRRS**

<https://swldxbulgaria.blogspot.com/2018/11/radio-romania-international-irrs.html>

**B-18 shortwave schedule of SPL Secretbrod relays**

<https://swldxbulgaria.blogspot.com/2018/11/spl-secretbrod-relays.html>

**B-18 shortwave schedule of Voice of Greece**

<https://swldxbulgaria.blogspot.com/2018/11/voice-of-greece.html>

**B-18 shortwave schedule of Voice of Turkey**

<https://swldxbulgaria.blogspot.com/2018/11/voice-of-turkey.html>

**B-18 shortwave schedule of Vatican Radio**

<https://swldxbulgaria.blogspot.com/2018/11/vatican-radio.html>

**B-18 shortwave schedule of Adventist World Radio**

<https://swldxbulgaria.blogspot.com/2018/11/adventist-world-radio.html>

**B-18 shortwave schedule of Trans World Radio Africa/Asia/India**

<https://swldxbulgaria.blogspot.com/2018/11/trans-world-radio-africaasiaindia.html>

**B-18 shortwave schedule of BSKSA Saudi Arabia**

<https://swldxbulgaria.blogspot.com/2018/11/bsksa-saudi-arabia.html>

**B-18 shortwave schedule of Radio Bahrain/Radio Kuwait/  
Radio Sultanate of Oman**

<https://swldxbulgaria.blogspot.com/2018/11/radio-bahrainradio-kuwaitradio.html>

**B-18 shortwave schedule of VIRI IRIB PARS TODAY**

<https://swldxbulgaria.blogspot.com/2018/11/viri-irib-pars-today.html>

**B-18 shortwave schedules of Radio Afghanistan & CIS**

<https://swldxbulgaria.blogspot.com/2018/11/radio-afghanistan-cis.html>

**B-18 shortwave schedules of Bangladesh Betar/Myanmar Radio/**

**Sri Lanka Broadcasting Corp**

<https://swldxbulgaria.blogspot.com/2018/11/bangladesh-betarmyanmar-radiosri-lanka.html>

**B-18 shortwave schedule of All India Radio**

<https://swldxbulgaria.blogspot.com/2018/11/all-india-radio.html>

**B-18 shortwave schedules of FEBC**

**Radio/Radio Pilipinas/Radio Veritas Asia**

<https://swldxbulgaria.blogspot.com/2018/11/febc-radoradio-pilipinasradio-veritas.html>

**B-18 shortwave schedule of Voice of Mongolia**

<https://swldxbulgaria.blogspot.com/2018/11/voice-of-mongolia.html>

**B-18 shortwave schedule of China National Radio  
& People Broadcasting Station**

<https://swldxbulgaria.blogspot.com/2018/11/china-national-radio-people.html>

**B-18 shortwave schedule of China Radio International**

<https://swldxbulgaria.blogspot.com/2018/11/china-radio-international.html>

**B-18 shortwave schedule of Radio Taiwan International**

<https://swldxbulgaria.blogspot.com/2018/11/radio-taiwan-international.html>

**B-18 shortwave schedule of NHK World Japan Network Radio Japan**

<https://swldxbulgaria.blogspot.com/2018/11/nhk-world-japan-network-radio-japan.html>

**B-18 shortwave schedule of Voice of Korea**

<https://swldxbulgaria.blogspot.com/2018/11/voice-of-korea.html>

**B-18 shortwave schedule of KBS World Radio**

<https://swldxbulgaria.blogspot.com/2018/11/kbs-world-radio.html>

**B-18 shortwave schedule of HSK9 Radio Thailand World Service**

<https://swldxbulgaria.blogspot.com/2018/11/hsk9-radio-thailand-world-service.html>

**B-18 shortwave schedule of Voice of Vietnam**

<https://swldxbulgaria.blogspot.com/2018/11/voice-of-vietnam.html>

**B-18 shortwave schedule of Voice of Indonesia**

<https://swldxbulgaria.blogspot.com/2018/11/voice-of-indonesia.html>

**B-18 shortwave schedules of Reach Beyond Australia  
& HCJB Voice of The Andes**

<https://swldxbulgaria.blogspot.com/2018/11/reach-beyond-australia-hcjb-voice-of.html>

**B-18 shortwave schedule of Radio New Zealand Pacific**

<https://swldxbulgaria.blogspot.com/2018/11/radio-new-zealand-pacific.html>

**B-18 shortwave schedule of Active Brazilian Stations**

<https://swldxbulgaria.blogspot.com/2018/11/active-brazilian-stations.html>

**B-18 shortwave schedules of RAE Argentina**

**& Radio Nacional Arhangel San Gabriel**

<https://swldxbulgaria.blogspot.com/2018/11/rae-argentina-to-world-radio-nacional.html>

**B-18 shortwave schedules of Radio Habana Cuba/Radio Rebelde/  
Radio Progreso/Spy HM01**

<https://swldxbulgaria.blogspot.com/2018/11/radio-habana-cubaradio-rebelderadio.html>

**B-18 shortwave schedules of Voice of America/Radio Ashna/  
Radio Marti/Deewa Radio**

<https://swldxbulgaria.blogspot.com/2018/11/voice-of-americaradio-ashnaradio.html>

**B-18 shortwave schedule of Radio Free Asia**

<https://swldxbulgaria.blogspot.com/2018/11/radio-free-asia.html>

**B-18 shortwave schedules of Radio Liberty/Radio Farda/Radio Free  
Afghanistan/Radio Mashaal**

<https://swldxbulgaria.blogspot.com/2018/11/radio-libertyradio-fardaradio-free.html>

**B-18 shortwave schedule of Brother HySTAIRical The Overcomer Ministry**

<https://swldxbulgaria.blogspot.com/2018/11/brother-hystairical-overcomer-ministry.html>

**B-18 shortwave schedules of US private religious stations**

<https://swldxbulgaria.blogspot.com/2018/11/us-private-religious-stations.html>

**B-18 shortwave Graphic schedule of WRMI**

<https://swldxbulgaria.blogspot.com/2018/11/wrmi-graphic-schedule.html>

- 73! (Ivo Ivanov, SWLDBulgaria News, Nov 20-21, DX LISTENING DIGEST)

## Great Radio Station Resource

I've just discovered a great radio station resource I didn't know existed. If you haven't already seen it, you might want to check it out. Here is the link.

<https://www.radiolineup.com/>

(Bob Smoak, Bamberg, SC, Nov 20, ABDX yg via DXLD)

``Radio Lineup is your guide to local radio stations across the United States.`` --- Homepage displays one or two radio/FCC stories per \*year\*. 2017-2014, not very impressive. But you can get basic info by searching on callsign or something; not including translators.

The comments by individual readers about stations can be interesting, or off-the-wall. First page is full, all dated Nov 28:

<https://www.radiolineup.com/comments/>

(Glenn Hauser, Nov 28, DXLD)

## WORLD OF HOROLOGY

Classroom clocks one hour ahead after daylight savings [sic]

Published on November 11, 2018 at 11:54 pm Last update on November 12, 2018 at 9:08 am By Zoe Howard

On Nov. 4 at 2 a.m., clocks were turned backward one hour to standard time from daylight savings. But the following Monday, Tuesday and Wednesday, analog clocks inside classrooms at UT remained one hour ahead.. .

<http://dailytexanonline.com/2018/11/11/classroom-clocks-one-hour-ahead-after-daylight-savings> (via Mike Cooper, DXLD)

# DX-PEDITIONS

## QH12 DXpedition - November 10-17, 2018

From November 10 - 17 I was in Lubec, Maine for the QH12 DXpedition, named after the place I stay - Quoddy House.

I had three DKAZ antennas up during most of the week - one at 115 deg. for LatAm/Africa, one at 35 deg. for Europe and beyond and one at a nearby location, Lubec Bay Cottage, at 80 deg. for whatever I could catch. All used Vactrol termination.

I use Perseus receivers and have gotten far enough into wav file review to give a picture of what was heard:

[http://realmonitor.com/am\\_logs\\_qh12.php](http://realmonitor.com/am_logs_qh12.php)

The highlite was some of the best Trans-Pacific reception I've had at QH with many carriers and audio on 747, 774, 945, 972, 1089, 1098 [Marshall Is.], 1206, 1287 and 1566 kHz.

For those unfamiliar, I don't keep a written log. The webpage above IS my log. Every 'logging' is an audio sample. The table presented is sorted by frequency along the left side with column headings on the right corresponding to the antenna, date and hour of the log. You can click on the round play button to hear the corresponding sound sample.

In the heading area of the webpage there are links to 'summary stats', a map of my loggings, geomagnetic conditions during the week and a 'quick tour' of the shack and antenna.

Enjoy! (Bill Whitacre, Alexandria, VA, Nov 26, nrc-am gg via DXLD)

Thanks, Bill, for the results from the most recent Maine DXpedition. I think, on the TP front, you've outdone anyone else in the 6-state New England area this autumn.

No TP audio here yet, just waterfall lines at 747 and 774. 972 is doomed with Portland on 970 on a not-a-heck-of-a-lot-different bearing. 1566 is no picnic either with big adjacent sloppers.

Your report + Bruce's PEI write-up + the NJ shore (LBI) info are certainly the go-to documents for this season's East Coast DXing. Also there have been a number of solo efforts including Roy Barstow's beach trips here on Cape Cod. I'm thinking of consolidating all the reports into a zip file to be shared,

The Newfoundland DXpedition full recap isn't in yet. Jim Renfrew had offered a few comments. While we're waiting for that, you can read Allen Willie's notes (also in NL) from 12 NOV pasted below.

<https://www.facebook.com/groups/210104603155267/permalink/307187980113595/>  
(Mark Connelly, WA1ION, South Yarmouth, MA, *ibid.*)

**[LINKS TO SOME OF THIS SEASON'S SIGNIFICANT EAST COAST \[MW\] DXPEDITIONS](#)**

**PEI, Canada**

<https://www.bamlog.com/pedx2018.htm>

**ME, USA**

[http://realmonitor.com/am\\_logs\\_qh12.php](http://realmonitor.com/am_logs_qh12.php)

**NJ, USA**

<http://www.radiodxing.com/LBI17logs.htm>

Other useful reports may be found on the Cape Cod DXers Yahoogroup and NRC Facebook pages:

<https://groups.yahoo.com/neo/groups/CapeDX>

<https://www.facebook.com/groups/210104603155267/>

<https://www.facebook.com/groups/210104603155267/>

(Mark Connelly, MA, MWCircle yg via DXLD\_

### **Broadband SDR-DXing in Hawaii -- A Scouting Report**

As most transoceanic DXers are aware, the Hawaiian Islands offer an exceptional opportunity for AM-DXing hobbyists to chase enhanced, salt water-boosted signals from around the world. A recent Ultralight + FSL antenna trip provided all the DXing excitement anyone could hope for, with potent signals received from Asia, the Middle East, Oceania, and both North and South America. But this was all live DXing -- one frequency at a time. Is a similar trip possible using a broadband loop antenna, and an SDR to record spectrum in one of the world's most enhanced environments?

Normally such a challenge would be unthinkable, due to external antenna restrictions and the impossibility of carrying large loop antenna components on major airlines. But the unique situation at Poipu Beach on Kauai Island is definitely worth mentioning.

First of all, there is a fully stocked Home Depot store about 15 minutes away by car, offering PVC pipes, concrete bases and antenna wire -- along with any tools necessary for antenna assembly. The 2-BR condos on the Poipu Kai beach are not part of a motel, but are individually owned and rented out by a management company for owners on the mainland. I never saw a single management company official on the property during the entire 6 days, except for the night when we checked into the complex management office (and he seemed to stay right there). Each morning I set up my FSL antenna on a 5' PVC base in the large open patio area behind our condo from 0400-0700 local time (1400-1700 UT), and never was questioned by anybody -- let alone anybody from the management company.

I'm pretty sure that small, breakdown versions of broadband antennas (such as the type that both Chuck and Tom have become skillful in setting up at the Rockwork cliff every August) would be fully acceptable during these sunrise enhancement sessions in Hawaii. There is excellent, free Wi-Fi available at the site for checking parallels and web streams, and fragile items like the SDR receivers and Wellbrook amps could be carried in hand carry luggage, similar to how I carry the Ultralights and FSL antennas. After such a broadband DXpedition the antenna parts could be probably be returned to the local Home Depot store, possibly with a chance of refunds.

Of course with a such a pioneering effort there will always be challenges and surprising discoveries, and a sense of optimism and adventure will prove to be most useful. But the opportunity certainly is there -- as well as the chance to conduct a breakthrough DXpedition that could be of legendary success (Gary DeBock (in Puyallup, WA, USA), Nov 23, nrc-am gg via DXLD)

From Rich D'Angelo, French Creek State Park DXpedition No. 56 (November 18, 19 and 20, 2018). [eastern Pennsylvania]

A new DX season and another French Creek DXpedition. Our first outing was November 18-20, 2018 just after six inches of snow fell. Although there was still some snow cover, for the most part, the ground was extremely muddy making trekking in and out of the cabin an unpleasant adventure. Kris Field was already there and had his Wellbrook set up so I borrowed a connection and I was ready to go. Ed Mauger, Dave Turnick and Rich Cuff rounded out the cabin. DX conditions were far from ideal but there is always something on.

Only the Peruvian Radio Huanta 2000 was audible making things a bust for Latins. However, TWR from Swaziland, TWR from UAE, Radio Hargeisa, Radio Fana and Ndarason International made the evening worthwhile.

The next morning was dismal for Latin America, however, SLBC and Radio Thailand were highlights. Late morning I had a nice log of Eye Radio. Things appeared to improve slightly in the afternoon with Voice of Nigeria opening on 9,690 kHz at 1800 UTC in English. They were clear until Spain jumped the frequency at 1900 UTC. With so few shortwave broadcasters these days and all the available channels these two need to collide. Later in the afternoon we had definite logs of Radio Hargeisa (7120), Radio Fana (6110) and Amhara State Radio (6090).

Dave left just before dinner so it was only four for the usual pasta dinner with all the fixings (bread, meatballs and wine). The closing group meal is always one of the highlights of the DXpedition, After the meal, we tend to slow down a little as a group. The evening listening period had nice reception of Radio Aparecida, Emisora Pio XII, Radio Tarma (running very late as they were still on past 0300!), Zambia, the Voice of the Broad Masses of Eritrea 2 (Dimtsi Hafash) on 7180 and finally the Voice of the Broad Masses of Eritrea 1 (7140).

Tuesday morning seemed the best for Asian reception as Thailand in 5875 kHz in various languages was fairly strong, the Voice of the Strait (4900 and 4940 kHz) were noted running in // around 1115 UTC. The final logs focused on T8WH Palau and Radio Nigeria via Issoudun.

We packed up quickly and were out of there before 9:00 am local time. Road repair work within the park commenced that morning requiring me to take a more scenic route out of the facility (Rich D'Angelo, French Creek State Park DXpedition No. 56 (November 18, 19 and 20, 2018, Equipment: Ten-Tec RX-340, Drake R-8B and an Eton E1, 500-foot wire essentially north for the RX-340 and 250-foot wire essentially northeast for the R-8B and a whip antenna for the E1, NASWA yg via DXLD) Several log details, countrywise in this issue (gh)

**DIGITAL BROADCASTING --- DRM See CHINA; EAST TURKISTAN; NEW ZEALAND; ROMANIA**

**DIGITAL BROADCASTING --- DTV See OKLAHOMA; R E F: Channel 37**

# RADIO EQUIPMENT FORUM

## Loop on the ground

Rich's recent report on French Creek got me thinking about other antennas, particularly those mounted close to the ground, as no doubt the ones used as French Creek were. Some rather extensive work has been done by a few folks at RadioReference for Loops on the Ground or LoG for short. If you're interested in this topic, the following should help; the RadioReference thread is 7 or so pages long, so be sure to read it all. It's a bit technical, but if you're willing to experiment, here they are:

<http://kk5jy.net/LoG/>

<https://forums.radioreference.com/receive-antennas-below-30mhz/370110-160-20m-log-loop-ground.html>

<https://www.facebook.com/groups/319198328872015/>

(Mike Agner, Nov 26, NASWA yg via DXLD)

## AM DXing with crystal radios

Hi all, I am looking for a group that does AM DXing with crystal radios. I have recently built one and put up a 500 ft longwire antenna. I would like to learn more about this aspect of the DXing hobby (Mike Glass, Lebanon, IN, Nov 21, WTFDA gg via DXLD)

Facebook has one with over 4,000 people in it.

<https://www.facebook.com/groups/crystalsetradio/>

(Mike Bugaj, Enfield, CT, ibid.)

## AUDACITY CHANGE TEMPO

Making it easier to read station ID announcements.

Yesterday I was trying to slow down some of the MP3 audio recordings of my German course. It proved a lot easier than I thought, by using the well-known Audacity audio editing program. You can use the "Change Tempo" option in the Effects menu after selecting the whole recording with your mouse. A slider control allows you to make it play faster or slower without altering the pitch. Some of you may already have discovered this, but I thought it would also make station IDs easier to read if you have recordings of them. For my German lessons, I found slowing by 20% worked well -- (Ian Brooks, Verwood, Dorset, 10 miles north of Bournemouth, UK, Nov 21, bdx-c-news iog via WORLD OF RADIO 1958, DXLD)

## **CREATING WATERFALL SPECTROGRAMS/SONOGRAMS**

### **From Kim:**

Have you wondered how the waterfall graphics, such as the Shortwave Radiogram ID at the beginning of each program, and last week's Arecibo message, are created? Merkouris, SV2HWM, who designed them, explains

...

How spectrograms are created?

by Merkouris SV2HWM

Many listeners wonder how the waterfall graphics, aka sonograms or spectrograms, such as the Shortwave Radiogram logo and last week's Arecibo message, have been produced. Here follows the detailed story behind the creation of these spectrograms and how I've got involved.

I have been following Kim's digital journey since March 2013, when he conducted the decisive final test broadcast for the forthcoming VoA Radiogram, the predecessor of SWRadiogram. For about a year, I enjoyed decoding and learning about digital modes but I had no idea about spectrograms. After all, five years ago SDRs were not as popular as today.

The first time I came upon a graphic spectrogram was in April 2014, while decoding the digital modes from the 1st broadcast of STF Radio International. It was a special program for the promotion of a video game (see <http://supertimeforce.com/>) containing music, voice and a challenging variety of different digital modes. A second program with similar content was aired in November of the same year.

It must be also noted that they issued an extraordinary QSL card with engraved audio that could be reproduced on a phonograph! I consider it the best QSL I have ever received. More info, including the audio file, has been supplied by SWRadiogram listener and contributor Steve W40GM (then WD0HGB) at <https://bit.ly/2QPX48s>.

More details on these broadcasts at <http://stfradio.com>. For an excellent analysis please visit Roger's website at <https://bit.ly/2KblTtd>

By the end of October 2015, a waterfall text ID had been included in VOA Radiogram. Fldigi and other amateur radio programs, such as EasyPal, have the capability to transmit the operator's call sign or a short text which can be reproduced on the receiver's waterfall. This reminded me of the previous year's spectacular spectrograms and motivated me to search the Internet for an answer on how they were created.

My first search resulted in a couple of programs that were either difficult to be used or their results did not meet my expectations. After a few more searches, I found a script written in Perl that looked very promising because it could be easily adapted. Being a little bit acquainted with programming, I managed to modify the way in which some of the variables were calculated, in order the image to be properly displayed on the waterfall of Fldigi. The original Perl source code, written by Gavin Black, is freely available on his website at <https://bit.ly/2S28oOZ>

The modified script was used for the creation of my first spectrogram, the DigiDX logo, which was broadcast in June 2016. For those who are not aware of, DigiDX was a half-hour program experimenting with digital modes, produced by Stephen Cooper in England. It was broadcast from Feb 2016 until Jan 2017 via the transmitters of Channel 292 and WRMI. After being asked by Stephen, a dozen of DigiDX programs were produced by me.

In 2016 the frequency of 6070 kHz, apart from Channel 292, was also used by Vatican Radio for their daily Rosary broadcasts. Then, Rainer Ebeling at Channel 292 took the decision to broadcast the DigiDX program during the time slots used by Vatican, offering free extra broadcasts twice a day. It was a wise move because only the digital content could survive the signal from Santa Maria di Galeria that was booming all over Europe. These extra broadcasts, mixed with Vatican's powerful signal, offered a great opportunity to test and compare various digital modes. The main advantage was the fact that the content of the interfering station was always the same, i.e. the Rosary in Latin; therefore, the interference was always of the same kind, resulting in more reliable comparisons. Another advantage was that the twice-daily broadcasts offered the possibility to test various digital modes under different propagation conditions. During this period, some special audio eQSLs were also produced, confirming the reception of DigiDX programs with a personalized spectrogram.

After the DigiDX experience, the waterfall logos for IBC Digital, VOA Radiogram, Radio Pushka (a short lived program with SSTV images and digital modes) and Shortwave Radiogram were also created. Some pre-processing of the source image with photo editing software was necessary and the produced audio was occasionally retouched with Audacity.

The Perl script, customized for the logo of the ORCA Digital Network in Oregon, is available at <https://tinyurl.com/y8nmta9m>

In the summer of 2017 P. Rhoades in Minnesota also created some nice spectrograms for KBC, Spaceline, WRMI and others, by modifying the same Perl source code.

Running the script requires the installation of a Perl distribution and some programming skills, that is not an easy task for the inexperienced user. But if you belong in this category don't be disappointed. A few months ago, I found a quite old free windows program with GUI that is easy to use and works perfectly. The software, created by Nicolas Fournel, a developer of video game audio tools, is called AudioPaint and can be downloaded from his blog at <https://bit.ly/2RzXbF>

I used this software for the creation of the most recent spectrograms, such as the logo for the 39th anniversary of IBC, the Slow Scan Radio logo and finally the Arecibo message. It was a happy coincidence that last Friday's broadcast of SWRadiogram took place on the 44th anniversary of the Arecibo message!

I hope that the mystery of the waterfall graphics is cleared up now and I would like to thank Kim for giving me the opportunity to share this story with all Radiogram listeners. ###

**Kim:**

Next is another waterfall graphic created by Merkouris. It represents the White Tower, landmark of Thessaloniki, Greece ... (SW Radiogram Nov 23, via roger, WOR iog via DXLD)

Aiwa put new shortwave portables on Japanese market.

Aiwa Co. Ltd., Japan put new shortwave portable receivers - "World Band Radio Monaural" AR-MD20 (price 9,690 yen) and "World Band Radio Stereo" AR-MDS25 (Price 14,900 yen) - on Japanese market in November.

It seems AR-MD20 is the OEM of Tecsun PL-310ET, AR-MDS25 is that of Tecsun PL-398MP.

Aiwa Co. Ltd was once a subsidiary of SONY, but was dissolved in 2002. Towada Audio Co. Ltd (in Akita prefecture), which was a subcontractor in production works of SONY world band receivers such as ICF-7600GR, acquired the "Aiwa" trademark and set up the new subsidiary company of the same name in Japan in 2015 (Takahito Akabayashi, Tokyo, Japan) (via Wolfgang Bueschel, WORLD OF RADIO 1958, DX LISTENING DIGEST)

**NHK on ch 37**

Here's a strange one. Last night I noticed a signal indication, on ch 37, on the Zenith DTT-901 converter box... That's odd. [there are not supposed to be any stations on 37, ever, to protect an important radio astronomy frequency --- gh]

I tuned the Icom R-7000 rx through ch 37 (608-614 MHz) in SSB mode and I found what sounded like an AM signal at 608.416. It had some tones and weak modulation, like a broadcast signal. I checked the FM band with another rx and, no match.

Then I checked the 6 MHz shortwave band with the Kenwood Ham rig and Bingo! There it was, A HUGE signal on 6.105 with tones and this announcement, "This is NHK World, Radio Japan, Tokyo." It matched perfectly with the signal the Icom was hearing on 608.416. This had to be some kind of signal mixing.

Then it hit me. Local (line-of-sight) WKMU 36/21 has its DTV pilot signal on 602.31 (it reads as 602.311 on the Icom rx). Add this signal to the SW signal,  $602.311 + 6.105 = 608.416$ . Exactly where the Icom was hearing the NHK signal. I suppose this was just enough to 'goose' the DTV box into showing a signal on ch 37.

I'm not sure where the 6.105 SW signal was transmitting from but it was a WHOPPER! (nearly full scale sig on the Kenwood TS-590SG) I suspect somewhere in the Americas. 73, (Ed NN2E Owner / Operator - Murphy's Law Test Site & Thunderstorm Proving Grounds Nov 27, WTFDA Forum via DXLD)

The NHK World Radio Japan signal transmits from Issoudun, France with 500,000 watts on 6105 kHz (Andrew Crazy Monkey, Akron OH, *ibid.*)

Thanks, Andrew. I forgot to mention. This was heard just shortly after 0400 GMT. If the French transmitter was on at that time, it had one Hell of a signal here in KY. I wonder if it might have been a more local (Stateside?) transmitter testing with NHK. WRMI in FL transmits some foreign programming. 73, Ed NN2E, *ibid.*) No (gh)

# PROPAGATION

## Propagation article - Maybe of some relevance to MW DX:

<<Here is an interesting pdf document including information on the effects of Earth's Electron Gyrofrequency on 160 meters.

The 160-Meter Band: An Enigma Shrouded in Mystery

<http://solar.spacew.com/cq/cqmar98.pdf>

Jerry, K4SAV>> (via Mark Connelly, 24 Nov, IRCA via DXLD)

There was one part of the discussion that was a bit unclear. I wasn't sure if they meant "under" the absorption zone to mean "South of it" or to mean "traversing beneath" the absorption or interchangeably both. If there was an intent for "beneath", then I'd have expected a further discussion of paths going over ( above ) the absorption.

At MW, we likely see all three

(Russ Edmunds, WB2BJH, Blue Bell, PA, Grid FN20id, *ibid.*)

One thing we all agree on is the desire for very low geomagnetic activity for TP/TA. I also think he's right that we should be looking at Canadian Arctic K indexes. How do we find those? 73 KAZ

(Neil Kazaross, IL, *ibid.*)

I think the closest would be the indices for College, Alaska. Those used to be fairly available, but I can't immediately think of a source online for them (Russ Edmunds, *ibid.*)

This is one of these "I don't know why I bother bookmarking anything" moments. It's the Canadian government, so the websites will be shuffled around on a weekly basis. I should just create a bookmarks list that links to "404" OK, rant over. Some searching gave me these soon to be out of date links:

<http://geomag.nrcan.gc.ca/plot-tracee/ssp-1-en.php> gives you the last 24 hours of magnetic observatory plots, but it's raw, no K-indices which are only calculated for three southerly observatories

<http://geomag.nrcan.gc.ca/data-donnee/indices/si-en.php> will get you historical K-indices for those observatories, but it's months out of date

Otherwise

[http://geomag.nrcan.gc.ca/data-donnee/indices/si-vi-en.php?type=hourly\\_ranges](http://geomag.nrcan.gc.ca/data-donnee/indices/si-vi-en.php?type=hourly_ranges) will get raw geomagnetism at all the observatories until quite recently.

They have a plotting service, which which also shows you a map of the magnetic observatory locations: <http://geomag.nrcan.gc.ca/plot-tracee/mp-en.php?format=html>

But again, raw geomagnetism. Anyone know how to calculate K indices?

I have heard that "IT technicalities are preventing us from automatically providing up to date k indices on the web site.", so possibly some day they may return?

They used to have a mailing list to which you could subscribe, but that has also been shot down by "IT technicalities".

There still is a service to which you could subscribe, which predicts daily geomagnetic conditions in the sub-auroral, auroral and polar cap regions, but darned if I can find out how to become a new subscriber. I may be able to find out if anyone is interested, but I'd hate to shoot down a skunk works operation, hi. best wishes, (Nick Hall-Patch, BC, *ibid.*)

**Once again, Google is our friend:**

<https://www.swpc.noaa.gov/products/station-k-and-indices>

Station K and A Indices | NOAA / NWS Space Weather Prediction Center  
<<https://www.swpc.noaa.gov/products/station-k-and-indices>>

The Station A and K indices show the fluctuations in the magnetic field, tied to specific geographic locations. The indices have a range from 0 to 9 and are directly related to the maximum amount of fluctuation (relative to a quiet day) in the geomagnetic field over a three-hour interval (Russ Edmunds, *ibid.*)

Another source for high latitude indices, albeit in Europe, is the Tromso geophysical observatory: <http://flux.phys.uit.no/Kindice/> best wishes, (Nick Hall-Patch, *ibid.*)

A great article, Mark. Thanks for sharing with us. There was a new term that I had never heard of before, and perhaps someone smarter than me can explain it further: Gyrofrequency.

The map didn't have much information for North America compared to other places in the world, and was quite high, into the X-band here. I'll have to re-read it to see whether I grasp that concept. Ducting, which we were all familiar with in MW DXing is prominent in the article I'm not quite finished all of it, yet (Walt Salmaniw, BC, *ibid.*)

Well, yeah, that was new term for me as well. I did a web search and found an interesting article by Bob Brown NM7M PhD UC Berkeley: <http://www.astrosurf.com/luxorion/qsl-hf-tutorial-nm7m5.htm> and I found a short explanation about halfway down the page. Maybe I can read the entire article.

Last winter, while still living in S.E. Michigan, I may have experienced this phenomenon when in just one evening session, I logged 7 NDBs from Nunavut (6 of which I had never heard before). Here's hoping this will shed some light on things. Vy 73 de Joe KJ80 -- (Joe Miller, KJ80, Desert Hot Springs, CA, Locator DM13sw, *ibid.*)

It's an interesting article. Last evening, about 7 pm local I worked Germany on 160 cw -- he was just above the noise. The night before I heard Corsica on 160 about the same time. Very strange propagation. At least in my experience. I guess it could just be that I've really improved my receive antennas, though my transmit antenna was never meant to work 160? This all left me scratching my head (Ken Brookner, Lummi Island, WA, *ibid.*)

I don't know how long you've been doing medium frequency work, Ken, but these trans-polar conditions are pretty unusual most years except around a solar minimum. Even last fall, those sort of paths weren't open, although they did come a bit to life late in the winter. best wishes, (Nick Hall-Patch, *ibid.*)

Mark, Thanks for posting this fascinating article, which I will probably need to read more than once! There are some interesting clues which may indeed be relevant to MW DX. The discussion regarding the angles of transmission and reception and ducting may hold at least partial explanations for reception differences in various locations. Thanks and 73, (Craig Barnes, Wheat Ridge, CO, *ibid.*)

160 metres is an absolutely fascinating band.

Thanks to the Jaguar software I'm using with the Perseus SDR I no longer have to leave the radio on a frequency in the centre of the Medium Wave span when I'm doing my overnight recordings. Instead I choose 1840 kHz which is the frequency for FT8 amateur operations. FT8 is a digital mode which is ideal for weak signal reception and has just about taken over 160 metres. Yesterday evening I was able to receive a station from Seattle at 2238 UT. This morning KL7J from Alaska was around. I've even managed to receive the Ducie Island DXpedition (part of the Pitcairn group).

When I think back to the old days when 160 metres reception was hard work, FT8 shows what signals really are out there, albeit often weak. Since the beginning of September I've logged over 110 DXCC countries - and it's nearly all done whilst I'm tucked up in bed - even the logging of them.

I recommend giving FT8 on 160 metres a try - it's a pretty good indicator of MW conditions too. But beware, new software is being issued near the start of next month.

Here's a link to a map of my 160 metre reception since September. I am logging the Maidenhead locator of each station, so each blue splodge represents one four character grid cell. for some cells I will have received multiple stations - for others just one. (the green squares had stations calling CQ when I took the screen shot).

[https://groups.yahoo.com/neo/groups/mwcircle/files/Paul\\_Crankshaw\\_-\\_audio\\_files/ft8.jpg](https://groups.yahoo.com/neo/groups/mwcircle/files/Paul_Crankshaw_-_audio_files/ft8.jpg)

(Paul, Troon, Scotland, Crankshaw, MWCircle yg via DXLD)

Solar Minimum conditions are in effect

The sun is blank again today -- the 191st day of 2018 that the sun has been without spots. To find a similar stretch of blank suns, you have to go back to 2009 when the sun was experiencing the deepest solar minimum in a century. Solar minimum has returned, bringing extra cosmic rays, long-lasting holes in the sun's atmosphere, and strangely pink auroras. <http://spaceweather.com/> (via Mike Terry, Nov 21, WOR iog via WORLD OF RADIO 1958, DXLD)

**:Product: Weekly Highlights and Forecasts****:Issued: 2018 Nov 26 0241 UTC****# Prepared by the US Dept. of Commerce, NOAA, Space Weather Prediction Center****# Product description and SWPC contact on the Web****# <https://www.swpc.noaa.gov/content/subscription-services>****#****# Weekly Highlights and Forecasts****#****Highlights of Solar and Geomagnetic Activity 19 - 25 November 2018**

Solar activity was very low throughout the summary period. Region 2727 (N01, Lo=110, class/area C4.0/beta on 17 Nov), the largest region, produced no significant flare activity before it decayed to plage on 20 Nov. No Earth-directed CMEs were observed in available coronagraph imagery.

No proton events were observed at geosynchronous orbit.

The greater than 2 MeV electron flux at geosynchronous orbit was at normal background levels throughout the summary period.

Geomagnetic field activity ranged from quiet to unsettled. A weak, negative polarity high-speed stream produced isolated unsettled periods on 20-21 Nov. Quiet conditions were observed throughout the remainder of the summary period.

**Forecast of Solar and Geomagnetic Activity****26 November - 22 December 2018**

Solar activity is expected to be very low throughout the outlook period.

No proton events are expected at geosynchronous orbit.

The greater than 2 MeV electron flux at geosynchronous orbit is expected to range from normal to high levels. Moderate levels are expected on 07 Dec and 14-16 Dec; high levels are expected on 02-06 Dec and 08-13 Dec. The remainder of the forecast period is expected to be at normal levels. All enhancements in electron flux are anticipated in response to multiple, recurrent coronal hole high-speed streams.

Geomagnetic field activity is expected to range from quiet to G1 (Minor) geomagnetic storm levels. G1 (Minor) geomagnetic storm levels are expected on 02 Dec; active conditions are expected on 01 Dec and 07-08 Dec; unsettled conditions are expected on 26-27 Nov, 03-06 Dec, 09 Dec and 17-18 Dec. Quiet conditions are expected for the remainder of the outlook period. All enhancements in geomagnetic activity are expected in anticipation of multiple, recurrent, coronal hole high-speed streams.

**:Product: 27-day Space Weather Outlook Table 27DO.txt****:Issued: 2018 Nov 26 0241 UTC****# Prepared by the US Dept. of Commerce, NOAA, Space Weather Prediction Center****# Product description and SWPC contact on the Web****# <https://www.swpc.noaa.gov/content/subscription-services>**

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**# 27-day Space Weather Outlook Table****# Issued 2018-11-26**

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#	UTC	Radio Flux	Planetary	Largest
#	Date	10.7 cm	A Index	Kp Index
2018	Nov 26	70	8	3
2018	Nov 27	70	8	3
2018	Nov 28	70	5	2
2018	Nov 29	70	5	2
2018	Nov 30	70	5	2
2018	Dec 01	68	16	4
2018	Dec 02	68	24	5
2018	Dec 03	68	10	3
2018	Dec 04	68	10	3
2018	Dec 05	68	8	3
2018	Dec 06	68	8	3
2018	Dec 07	68	12	4
2018	Dec 08	68	12	4
2018	Dec 09	68	8	3
2018	Dec 10	68	5	2
2018	Dec 11	68	5	2
2018	Dec 12	68	5	2
2018	Dec 13	70	5	2
2018	Dec 14	70	5	2
2018	Dec 15	70	5	2
2018	Dec 16	70	5	2
2018	Dec 17	70	8	3
2018	Dec 18	70	8	3
2018	Dec 19	70	5	2
2018	Dec 20	70	5	2
2018	Dec 21	70	5	2
2018	Dec 22	70	5	2

**(SWPC via WORLD OF RADIO 1958, DXLD) ###**