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# DX LISTENING DIGEST 18-45, November 5, 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 1955 contents: Alaska, Andaman Islands, Australia, Bhutan, Bulgaria, China, Cuba, Egypt, France non, Germany and non, Guinea and non, Israel non, Japan non, Korea North non, Kuwait, Liberia, Madagascar, Perú, Sa`udi Arabia, Spain, Thailand, Turkey, USA, Yemen non, and the propagation outlook

**SHORTWAVE AIRINGS of WORLD OF RADIO 1955, November 6-12, 2018**

Tue 0030	WRMI	7730 [confirmed]
Tue 0200	WRMI	9955 [confirmed]
Tue 2030	WRMI	7780 [confirmed]
Wed 1030	WRMI	5950 [confirmed]
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 [confirmed]
Sat 1531	HLR	9485-CUSB Hamburger Lokalradio [confirmed Bulgaria]
Sat 1700	WRN	5950 via WRMI
Sat 2030v	WA0RCR	1860-AM
Sun 0400v	WA0RCR	1860-AM [nominal 0415; confirmed from 0428]
Sun 1130	HLR	7265-CUSB Hamburger Lokalradio
Sun 2130	WRMI	7780
Sun 2230	WRMI	9955
Mon 0230	WRN	5950 9395 via WRMI
Mon 0400v	WBCQ	5130v-AM Area 51
Mon 0430	WRMI	9955

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>

ALTERNATIVE PODCASTS, tnx Stephen Cooper: <http://shortwave.am/wor.xml>

ANOTHER PODCAST ALTERNATIVE, tnx to Keith Weston:  
<http://feeds.feedburner.com/GlennHausersWorldOfRadio>

NOW tnx to Keith Weston, also Podcasts via iTunes:  
<https://itunes.apple.com/us/podcast/glenn-hausers-world-of-radio/id1123369861>

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

**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. Merci, Jacques!  
(gh)

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

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# COUNTRIES

## ALASKA

\*\* **ALASKA**. See [DX-PEDITIONS](#)

\*\* **ALASKA [and non]**. 7370, KNLS at 1036 in English with Bible story. - Poor-fair, Oct 31 7320, KNLS at 1206 in English with "New Life Station" ID followed by an item about development vs environment in Alaska. - Fair, other listed freq 7355 but that was occupied by Radio Martí, Oct 31 (Harold Sellers, Vernon, British Columbia, listening in my car on a country road. CommRadio CR-1a and Sony AN-1 active antenna on car roof, WOR iog via WORLD OF RADIO 1955, DXLD) Yes, both registered with overlap as if no problem (gh, ibid.)

7370even, WCB KNLS Anchor Point English sce, S=9+25dB strong at 0818 UT, sermon in English, 10 kHz wide audio signal. Excellent transmission [selected SDR options, span 12.5 kHz RBW 15.3 Hertz] (Wolfgang Bueschel, df5sx, wwdxc BC-DX TopNews Nov 4, DX LISTENING DIGEST)

## ALBANIA

\*\* **ALBANIA**.

-- Radio Tirana: After several attempts, a long-awaited new QSL card from Radio Tirana from Albania was received in response to a report dated July 13, 2018. The card was sent only on October 18 after a few reminders. On the photo card - Airport "Mother Teresa". QSL can be viewed here

<http://freerutube.info/2018/11/02/qs1-radio-tirana-albaniya-iyun-2018-goda/>

(Dmitry Elagin, Saratov, Russia / "deneb-radio-dx", QSL World, Rus-DX Nov 4 via DXLD)

## ANDAMAN & NICOBAR ISLANDS

\*\* **ANDAMAN & NICOBAR ISLANDS**.

AIR Port Blair SW Tx power increased

There were lot of reports from DX hobbyists of better signals noted in recent times from AIR Port Blair on 4760 kHz. I have contacted the Station Engineer today and was told that they have recently increased the power to 8 kW from 4 kW earlier. (The transmitter is of 10 kW.)

Reception reports are appreciated and may be sent by email to [airportblair@rediffmail.com](mailto:airportblair@rediffmail.com)

The SW Schedule is as follows (Times in UT):

4760 kHz: 2355-0300 1030-1700 (Sat, Sun 1730)

7390 kHz: 0315-0900

Note: AWR program in English Wed to Sun 1100-1110 UT 4760 kHz (& 684 kHz MW).

By the way, AIR Leh which also uses the same frequency of 4760 kHz is currently off air. Yours sincerely,  
(Jose Jacob, VU2JOS, National Institute of Amateur Radio, Hyderabad, India, Nov 1, dx\_india yg via WORLD OF RADIO 1955, DXLD)

Thanks. Please let him know, that there is an FMish spur around 4730 kHz from them. Best regards,  
(Mauno Ritola, Finland, ibid.)

## ANGOLA

\*\* ANGOLA.

4949.8, RNA-Canal "A", Mulenvos, 2211-..., 26/10. Noticiário; 35342.4949.8 idem, 1738-..., 31/10. Noticiário regional; 35342.73, (Carlos L R de Assunção Gonçalves, Portugal, (efectuadas na costa sudoeste), DX LISTENING DIGEST)

4949.74, Radio Nacional. 11/3/18 2159z. Vocal pop music, which gets through better than the spoken-word, which suffers from low mod. Occasional ute data bursts covered them up. Sigs fair at best (Steve Zimmerman in state forest IC-746PRO and LF upconverter and active whip in tree, WOR iog via DX LISTENING DIGEST)

## ANGUILLA

\*\* ANGUILLA.

6090, Caribbean Beacon/University Network at 0325 with the long gone Dr. Gene Scott in taped monologue. Went to Melissa Scott sermon, then suddenly off at 0400. - Excellent Oct 30 - Seems to be more regular about going off at 0400. [= local midnite]

6090, Caribbean Beacon/University Network at 0845 with PMS (Pastor Melissa Scott) in taped monologue, then the announcer for contact 411 and bumper music. Still on, on recheck after 0900. - Excellent Nov 2 - NOTE: not sure when they returned to the air, I heard them close earlier. To wit:

6090, at 0330 with DGS XYL PMS, then, the long gone DGS (Dr. Gene Scott) in taped monologue. Went back to another Melissa Scott sermon, then suddenly off at 0406. - Excellent Nov 2 (Rick Barton, Arizona SW Logs, Grundig Satellit 205(T.5000) & 750; HQ-180A & HQ-200; RS SW-2000629, & ATS-909X with various outdoor wires, WOR iog via WORLD OF RADIO 1955, DXLD)

## ARMENIA

### \*\* ARMENIA.

9305, Nov 3 at 1311, TWR music-box IS, S1-S5 with flutter; 1316 S Asian talk. HFCC shows 1315-1445, 300 kW, 100 degrees from ERV. But Aoki shows TWR India not until 1345-1445, variety of languages depending on day of week, quarter of hour. Must have expanded (Glenn Hauser, OK, DX LISTENING DIGEST)

## ASIA

### \*\* ASIA [non].

USA - non [GERMANY/KOREA South/KUWAIT/MARIANA ISLS Saipan and Tinian isls/PHILIPPINES/TAJIKISTAN/THAILAND/U.A.E.]

B-18 season RFA outlets schedule.

Hallo in die Runde, habe mal den B-18 RFA Sendeplan heruntergeladen. Michael, kannst Du den fuer BCDX bitte entsprechend aufbereiten. Wolfgang, wie kommen wir an die FNP QRGs? (Siegbert Gerhard-D, wwdxc BC-DX TopNews Oct 30)

Effective Oct 28, 2018 through March 30, 2019  
All times and dates are Coordinated Universal Time (UTC), same as Greenwich Mean Time (GMT). Updated on Oct 28, 2018.

Vietnamese --- RFA Vietnamese is now all digital.

Please find us at these locations:

Website: <<https://www.rfa.org/vietnamese/>>

Audio: <<https://www.rfa.org/vietnamese/audio/>>

Facebook: <<https://www.facebook.com/RFAVietnam>>

Youtube: <<https://www.youtube.com/user/RFAVietnamese>>

FNP - Frequency Not Promoted.

E-mail your reception report to

<qsl -at- rfa.org> or

<qsl -at- rfa.org?subject=QSL%20report&>

or send it by regular mail to:

Reception Reports

Radio Free Asia

2025 M Street N.W., Suite 300

Washington, DC 20036, USA.

Remarks discussed in AGDX / WDXC group:

das mit 'RFA Vietnamesisch\_digital' verstehe ich [noch] nicht, da muss ich mich mal schlau machen. Ich werde ja nie solchen Facebook und YouTube networks / apps beitreten.

Ueberrascht haben mich die starke Ausweitung der Burmesischdienste von RFA und VOA durch die Trump Praesidentschaft.

In den ersten Wochen der neuen Sendeperiode B-18 koennen sich durch Complaints und eigenes US RFA / VoA Monitoring noch diverse Frequenz Aenderungen ergeben.

Die relays TIN Tinian Isl und SAI Saipan Isl on Marianeninseln sind ja sehr durch den Taifun beschaedigt, ob die fq Angaben diesbezuglich stimmen, weiss ich nicht.

VoA IBB Organization und die US Botschaft in Manila-PHL bemuehen sich, die eingemotteten Sender in Tinang Philippinen wieder genehmigt - on the air - zu bekommen. Ob es da Vorbehalte der philippinischen Regierung gegen RFA Aussendungen Richtung Mainland China in Cantonese, Mandarin, Tibetan and Uyghur Languages gibt, ?  
(wb.)

Die SAI und TIN requests werden auch tageweise durch das philippinische PHT Relay ersetzt. Die stehen auf den Pazifik Inseln unter Reparatur Stress?

#### Burmese

{0000 VoA Burmese 6150UDO 7480PHT 9335PHT 1575BAK}  
0030-0130 13735TIN 15700BIB{exTIN} 17510TIN  
{0130 VoA Burmese 9335UDO 11820PHT 15110PHT}  
{0200 VoA Burmese 9335UDO 11820PHT 15110PHT}  
{1200 VoA Burmese 11965PHT 15560{ex15565}PHT 17680KWT{exPHT} }  
1230-1330 11795TIN 12130TIN 13735UAE  
1330-1400 11795KWT 12130LAM 13735TIN  
1400-1430 11795KWT 12130LAM  
{1430 VoA Burmese 9335PHT 11870PHT 15450PHT 1575BAK}  
{1500 VoA Burmese 9335PHT 11870PHT 15450PHT}  
{1530 VoA Burmese 9335PHT 11870PHT 1575BAK}  
{1600 VoA Burmese 9335PHT 11870PHT}  
{2330 VoA Burmese 6150UDO 7480PHT 9335PHT}

#### Cantonese

1400-1500 Sat 13610TIN {FNP}  
Sun 13645TIN  
TueThu 13675TIN  
MonWedFri 13810TIN

#### Khmer

1230-1330 9325TIN 11750LAM  
1430-1500 9720TIN 11750TIN  
{2200 VoA Khmer 9335PHT 7460PHT 5880PHT 1575BAK}  
2230-2330 9325BIB 11850KWT

**Korean**

**1000-1100 1566JEU**  
 {1100 VoA Korean 1188SE0}  
 {1130 VoA Korean 1188SE0}  
 {1200 VoA Korean 1188SE0 5840TIN 9490PHT 11570PHT}  
 {1230 VoA Korean 1188SE0 5840TIN 9490PHT 11570PHT}  
 {1300 VoA Korean 1188SE0 5840TIN 9800PHT 11570PHT}  
 {1330 VoA Korean 1188SE0 5840TIN 9800PHT 11570PHT}  
 {1400 VoA Korean 1188SE0 5840TIN 9800PHT 11570SAI}  
 {1430 VoA Korean 1188SE0 5840TIN 9800PHT 11570SAI}  
**1500-1700 1188SE0 5885TIN 9590SAI 9985TIN**  
 {1700 VoA Korean 1566JEU}  
 {1730 VoA Korean 1566JEU}  
**1700-1900 1188SE0 5885TIN 9985TIN**  
 {1900 VoA Korean 7465PHT 9800TIN 9975UDO}  
 {1930 VoA Korean 7465PHT 9800TIN 9975UDO}  
 {2000 VoA Korean 7465PHT 9800TIN 9975UDO}  
 {2030 VoA Korean 7465PHT 9800TIN 9975UDO}  
**2100-2200 7485TIN 9860TIN 9985TIN**

**Laotian**

**0000-0100 13685KWT**  
**1100-1200 13685SAI**

**Mandarin**

{0000 VoA Chinese 7560KWT 9880UDO 11945PHT 15425PHT}  
**0300-0400 11980KWT 15340SAI 17660SAI**  
**0400-0500 11980TJK 15340SAI 17660SAI**  
**0500-0700 11980TJK 15340SAI 17660SAI 21700TIN**  
 {0900 VoA Chinese 9790PHT 11650UDO 13710UDO 15150UDO 17720UDO}  
 {1000 VoA Chinese 9790PHT 9825PHT 11650UDO 13710UDO 15150UDO}  
 {1100 VoA Chinese 9825PHT/orSAI 11660PHT 12045PHT 15150UDO}  
 {1200 VoA Chinese 7470UDO 9825PHT/orSAI 11660UDO 11900PHT}  
 {1300 VoA Chinese 7470UDO 9585PHT 9825PHT/orSAI 11660PHT}  
 {1400 VoA Chinese 9605PHT 9825PHT/orTIN 11655UDO 12120PHT}  
**1500-1600 MonWedFri 7415TIN**  
           SunTueThuSat 7520TIN  
           MonTueWedFri 9790SAI  
           SunThuSat 9790SAI  
           SatSun 11590KWT  
           TueThu 11725KWT  
           MonWedFri 11765KWT {FNP}  
**1600-1700 Mon-Fri 6120TIN**  
           Sat/Sun 6120TIN  
           MonWedFri 7415TIN  
           SunTueThuSat 7520TIN  
           MonWedFri 9455SAI  
           TueThu 9720SAI  
           SunSat 9905SAI {FNP}  
**1700-1900 7415TIN 9455SAI{exBIB} 9860SAI**  
**1900-2000 1098TAI 5890KWT 7520TIN{exLAM} 9455SAI{exBIB} 9860SAI**  
**2000-2100 1098TAI 5890KWT 7520TIN{exLAM} 9410SAI 9455SAI 9535TIN**  
**2100-2200 1098TAI 7520KWT 9410TIN{exBIB} 9455SAI{exLAM}**  
 {2200 VoA Chinese 7445UDO 9620PHT}  
**2300-2400 daily 9860KWT**  
           daily 9900LAM  
           daily 11775KWT {FNP not yet}

**Tibetan**

{0000 VoA Tibetan 5890KWT 7580KWT 9670UDO}  
 0100-0200 9670TJK 11895TJK 11950KWT 13795LAM {FNP no data found}  
 0200-0300 9455KWT 9670TJK 11895KWT 11950KWT 17525TIN  
 {0300 VoA Tibetan 17865PHT 21600PHT 21795PHT}  
 {0400 VoA Tibetan 15610UDO 17865PHT 21620PHT}  
 {0500 VoA Tibetan 15560UDO 17865PHT 21760PHT}  
 0600-0700 daily 17675TIN  
           daily 17815TJK  
           Sun 21620TIN  
           Mon 21480TIN  
           Tue 21490TIN  
           Wed 21500TIN  
           Thu 21510TIN  
           Fri 21530TIN  
           Sat 21610TIN  
           daily 21680UAE {FNP}  
 1000-1100 daily 9690TIN  
           daily 15665LAM  
           Sun 17855LAM  
           Mon 17830LAM  
           Tue 17790LAM  
           Wed 17815LAM  
           Thu 17820LAM  
           Fri 17840LAM  
           Sat 17795LAM {FNP}  
 1100-1200 9315TJK 11550KWT 15745TJK  
 1200-1300 9315TJK 11555BIB 12055LAM 15375TJK 15745TJK  
 1300-1400 9315TJK 12050KWT 13650KWT 15375TJK 15745TJK  
 {1400 VoA Tibetan 11910KWT 15160KWT 17585BIB 17830PHT}  
 1500-1600 7540TJK 9315TIN 11660TIN 11805KWT  
 {1600 VoA Tibetan 7580PHT 9760UDO 11670PHT}  
 2200-2300 7470TJK 7480KWT 9790KWT  
 2300-2400 5970UAE 7470TJK 7540KWT 9535KWT

**Uyghur**

0100-0200 7580TJK 9310LAM 9450KWT 9700KWT 12065KWT {FNP}  
 1600-1700 daily 7545TJK  
           daily 7565KWT  
           daily 11720TIN  
           SunTue 11775KWT  
           Mon 11800KWT  
           Wed 11805KWT  
           Thu 11780KWT  
           Fri 11885KWT  
           Sat 11890KWT {FNP}

FNP - Frequency Not Promoted. Rather 'disguised use' ?

(Wolfgang Buescel, df5sx, wwdxc BC-DX TopNews, BC-DX 1 Nov via DXLD)

# AUSTRALIA

**\*\* AUSTRALIA. FYI [Re 18-44]: Subject: [INTRUDER ALERT] 7190**

7190.0 BC KNX at 1500 UT here with S 9. I informed the German PTT for an official complaint. 73

(Wolf DK2OM Hadel, Oct 30, IARU MS INTRUDERALERT mailing list via Wolfgang Bueschel, DXLD)

Reach Beyond B18 / 7190 kHz, move soon to 7530 kHz channel. Looking at today's revision to the B-18 broadcast schedule, the assignment at 7190 kHz has disappeared and been replaced by a new one at 7530 kHz.

I've received the following this morning from the frequency manager at Reach Beyond Australia:

"I wish to advise that we have moved off the 7190 frequency as a matter of courtesy. I say that because ACMA is still telling me that it is OK for us to transmit on the frequency. I have asked ACMA to escalate the issue to senior personnel in ACMA. They are quoting Radio Reg 4.4 in the reverse direction saying you are interfering with us. I realise this is a really hot issue and needs to be resolved at a higher level than any of us. Bearing this in mind I would ask you to proceed with a formal complaint to your regulatory bodies making the complaint against ACMA and not us. We are the meat in the sandwich as they say. By doing this hopefully all regulatory bodies concerned will correctly align themselves and prevent any similar incident in the future. If that can happen then all the angst will be worth it."

(Richard Lamont-UK G4DYA, Intruder Watch Coordinator, Radio Society of Great Britain; via Harald Kuhl-D <intruderalert\_iaru-region1> Oct 30 via BC-DX Nov 1 via WORLD OF RADIO 1955, DXLD)

B-18 schedule, Oct 28 2018 to March 30, 2019

7530(ex7190) 1500-1535 44,45 KNX 100 335 15 216 1234567 Kor HCA Korea also English 1515-1530 Fris only [WORLD OF RADIO 1955]

Excellent news! Thanks to all involved for solving this (Harald, DL1ABJ, ibid.)

Von Uli aus der IARU Region-1 Bandwacht im Maerz 2009:  
Harmful Interference expected on 7190 kHz.

Dear Sir or Madam, At the World Radio Conference at Geneva 2003 it was agreed that the section 7100 - 7200 kHz will be exclusive to the Amateur Radio Service starting March 2009.

Dies schliesst auch den Kanal 7200 kHz ein, d.h. das untere Seitenband vom 7205 kHz Kanal endet bei 10 kHz Bandbreite unterhalb bei 7200.001 kHz oder?

>ITU RR 4.5. The frequency assigned to a station of a given service shall be separated from the limits of the band allocated to this service in such a way that, taking account of the frequency band assigned to a station, no harmful interference is caused to services to which frequency bands immediately adjoining are allocated.

Die Bundesnetzagentur (exRegTP) hatte im Maerz 2009 folgendermassen ausgesagt:

Aus Sicht der "Radio Regulations" (siehe Abschnitt 1, 4.5) ist nach diesem Zeitpunkt eine Nutzung der Frequenz 7200 kHz durch Rundfunksender in der Sendart A3E sicher nicht zulaessig, da dann Anteile des Signals in den Bereich des Amateurfunks unterhalb 7200 kHz hineinreichen wuerden.

Umgekehrt gilt dies auch fuer die Funkamateure, die zwar den Bereich bis 7200 kHz nutzen duerfen, aber die Wahl ihrer Frequenz so gestalten muessen, dass ebenfalls alle relevanten Anteile des Signals innerhalb des Amateurbandes bleiben. Insofern ergibt sich keinerlei Unterschied zur bisherigen Handhabung im Bereich der Frequenz 7100 kHz, die die alte "Grenze" zwischen beiden Diensten darstellte.

Unabhaengig davon beginnt ab 29.03.2009 der Rundfunkbereich bei 7200 kHz, d.h., der Bereich 7200 - 7205 kHz steht z. B. fuer das untere Seitenband einer A3E-Aussendung mit der Traegerfrequenz 7205 kHz zur Verfuegung.

Die anderen erbaulichen Missionssender, wie AWR, TWR und die Evangelen in den USA kennen die Regularien, oder werden zumindest durch ihre lokalen FCC's bei Frequenz-Uebertretungen 'eingefangen'. (wb, df5sx) (all via Bueschel, DXLD)

\*\* AUSTRALIA.

11865, RBA (Kununurra). 1220-1231+ 1 Nov. Weak, readable in Hindi with inspirational chat, music, contact info [p-mail addr., phone #, sked/QRG].

11875, RBA (Kununurra). 1213+ 1 Nov. Weaker & 'way less-readable than 11865 with Hindi programme [chat, neat S-C instrumental bridge tunes, contact info].

11945, RBA (Kununurra). 1232-1300\* 1 Nov. Fair in English with "Search for Truth", "Spotlight Radio" & closing RBA ID, info (Dan Sheedy, Moonlight Beach, CA, Eton-Grundig 'Executive Satellit'/6m X wire, DX LISTENING DIGEST)

11875, Reach Beyond - Kununurra, 1305, 11/1/18. Nice strong easy-listening signal out of Reach Beyond, Kununurra, on 11875 for 1200-1400 block of programs for Pakistan, Nepal, Bhutan and Bangladesh. Great music ending the Nepalese language program, Voice of Salvation, at 1255 and then into into Jibbon Sandesh in Bengali, to Bangladesh. A favorite of mine, Message of Hope, is sked at 1330 in Bengali.

These programs all originate at remote studios within their listener target areas, and most reply to listener's emails/letter, if you can copy down the announced contact addresses, hi

(Ralph Perry, Wheaton IL, Drake R8B, Dentron Super - Tuner, Ameco & Palomar Preamps, Wellbrook Loop, 350' LA BOG, Delta Skyloop, NASWA Flashsheet via DXLD)

\*\* AUSTRALIA.

AUSTRÁLIA (?), 4835 OZY R (presumed), Monte Razorback, N.ª Gales do Sul, 1640-1705, 31/10. Inglês; texto, canções; 15331. 73, (Carlos L R de Assunção Gonçalves, Portugal, (efectuadas na costa sudoeste), DX LISTENING DIGEST) Is it back, Ron? Or Sikkim? (gh, DXLD)

## BANGLADESH

### \*\* BANGLADESH.

9455, Nov 3 at 1313, 1 kHz tone at S3-S5 with flutter, 1314, Bangladesh Betar IS, 1315 accurate! 5+1 timesignal and into listed Nepali, starting at their hourtop. Now not blocked by WRMI`s very limited usage of 9455. Next broadcast in Urdu at 1400 on 15505 isn`t making it beyond an imaginary-level JBA carrier. BB is another station absent from HFCC

(Glenn Hauser, OK, DX LISTENING DIGEST)

## BHUTAN

### \*\* BHUTAN.

6035, Nov 2, BBS, also with very decent reception; 1040-1045\*; discussion of "students provided . . ."; suddenly cut off. This early closing time helps explain why much of my recent monitoring here found nothing 1100+; both days PBS Yunnan continues silent here and on 7210.

BBS, 1020-1042\*, Nov 3. Pop song in English; programming in English; ID; mentioned "people of Bhutan"; long segment with countless mentions of "his majesty"; approaching semi-readable, so one of their best ever receptions; now cutting off rather early; believe this well above the norm reception caused by exceptionally good propagation and of course the continued absence of PBS Yunnan.

6035, BBS, 1039, with non-stop monitoring till cut off at 1201\*, Nov 4. One of their best receptions ever heard; at times semi-readable; in English; many pop songs (Prince - "I Wanna Be Your Lover," etc.); clearest audio from 1120+ with series of interviews about Youth Festival and youth volunteerism; 1200, the usual brief indigenous stringed instrument; into vernacular till suddenly cut off; a longer broadcast than recently heard. An outstanding reception, at least for me! My three minute audio about Youth Festival at <http://goo.gl/MkMrDY>

Hi Glenn, Nov 5 - Another day of entertaining reception of BBS (6035 kHz.); 1043 till suddenly cut off at 1101\* in mid-song; all pop songs; Steve Winwood - "Higher Love," Huey Lewis - "Stuck With You" and Simply Red - "Holding Back The Years." This reception made possible by the continued absence of PBS Yunnan (China). Sunset at Thimphu was at 1115 UT (

(Ron Howard, Asilomar State Beach, CA, Etón E1, antenna: 100' long wire, WOR iog via WORLD OF RADIO 1955, DX LISTENING DIGEST)

## BOLIVIA

**\*\* BOLIVIA.**

5953. R. PIO XII. Octubre 28. 0202-0218 UT. Espacio de música serrana y de llamados telefónicos en quechua. SINPO: 43443 con interferencias de emisoras en frecuencias cercanas (Claudio Galaz, Receptor: TECSUN PL 660, ANTENA: Hilo largo de 30 metros + balun 9:1+ tierra; Lugar de escucha: Ovalle, IV Región, Chile, HCDX via DXLD)

Axually split around 5952.4 or 5952.5 (gh, DXLD)

## BRAZIL

**\*\* BRAZIL.**

4885, Nov 3 at 0159, R. Clube do Pará continues to be the most outstanding ZY on 60m; in a multi-station ID for their network, mostly on MW, which would be interesting to record and copy details; as usual, CODAR QRM evitable with LSB tuning (Glenn Hauser, OK, DX LISTENING DIGEST)

**\*\* BRAZIL.**

5939.751, Voz Missionaria, Camboriu SC, religious singer group / music. S=8 -81dBm at 0745 UT on Nov 4.

5955.007, UNID poor signal, probably R Gazeta Sao Paulo SP, at 0746. [selected SDR options, span 12.5 kHz RBW 15.3 Hertz] (Wolfgang Bueschel, df5sx, wwdxc BC-DX TopNews Nov 4, DX LISTENING DIGEST)

**\*\* BRAZIL.** Rádio Pig Rock, 6250 kHz (Ondas Curtas de 49 metros) de Araraquara - SP, Músicas às 1552 UT, Hoje operou com 30 watts. 31 Outubro 2018

<https://youtu.be/TBv23WGBp4E>

RX: Yaesu FRG 8800 Antena: DS SWL DL Dipolo Assimétrica 42 Metros + Balun + 15 Metros de coaxial (Daniel Wyllyans, Sítio Estrela do Araguaia, Nova Xavantina MT, Brasil, Hard-Core-DX mailing list via DXLD)

**\*\* BRAZIL.** EQSL, Rádio Máxima 8095 kHz Ondas Curtas. Recebido via whats app: +553598088669

<https://dxbrazilsw.blogspot.com/2018/11/e-qs1-radio-maxima-8095-khz-ondas-curtas.html> (Daniel Wyllyans, Nova Xavantina MT, Hard-Core-DX mailing list via DXLD)

**\*\* BRAZIL.**

11855.8, R. Aparecida, Aparecida SP, 1207-1224, 01/11. Missa; 24442, QRM adjacente.

11856.8, idem, 1815-1828, 27/10. Canções; 35443.73, (Carlos L R de Assunção Gonçalves, Portugal, (efectuadas na costa sudoeste), DX LISTENING DIGEST)

Yes, it does seem to jump back and forth ~1 kHz, both offplus: their typos on the transmitter, not ours in reporting (gh, DXLD)

**Radio Aparecida, very weak signal with talk noted on 11855.8 today. 4 Nov 2018 / 2028 UT. 73, (Eike Bierwirth, Wiesbaden / Germany, Perseus SDR, DX-10 pro active antenna on balcony, WOR iog via DXLD)**

**\*\* BRAZIL.**

**15190.1, R. Inconfidência, Belo Horizonte MG, 1801-1825, 29/10. Informações várias, indicação das freqs., texto, canções; 25442.**

**15190.1 idem, 2205-..., 29/10. Noticiário nacional A Voz do Brasil; 15331.**

**15190.1 idem, 1210-1305, 01/11. Canções, conversa, ..., noticiário (?), às 1300; 25342, em perda, mas recuperando, mais tarde, com SINPO de 25442, às 1445. 73, (Carlos L R de Assunção Gonçalves, Portugal, (efectuadas na costa sudoeste), DX LISTENING DIGEST)**

**BRASIL, 15190. Nov 2, 2018. 1745-1755, Radio Inconfidência, Contagem-MG. Locutora apresenta um programa musical com boa música brasileira; ID. Recepção satisfatória esta tarde, 35433 (José Ronaldo Xavier (JRX) - PR7036SWL. Cabedelo-PB, Brasil, Receptor (es): Degen DE1103 & Sony ICF-SW100. WOR iog via DX LISTENING DIGEST)**

## **BULGARIA**

**\*\* BULGARIA [and non].**

**Shortwave Radiogram, 2-5 November 2018**

<http://swradiogram.net/>

**Shortwave Radiogram, 2-5 November 2018: Digital moon rocks**

**"...The big news this weekend is that our Saturday broadcast on 9400 kHz will change its time to 1400-1430 UT (it was 1600-1630). This should improve reception in Europe by keeping it in the daylight hours. We will find out how this time change will affect reception in Asia/Pacific and North America. (The Mighty KBC will also change its time on 9400 kHz from 1500-1600 to 1300-1400 UT, with a minute of MFSK64 at about 1330)..."**

**==>SWRG#72 sonogram:**

[https://www.dropbox.com/s/3yszmtxop209prb/2018-11-02\\_SWRG\\_72.png?dl=0](https://www.dropbox.com/s/3yszmtxop209prb/2018-11-02_SWRG_72.png?dl=0)

**In two black and white images, the gray values were converted into color values using an online program (based on artificial intelligence & machine learning).**

**(roger, germany, Nov 3, WOR IOG via WORLD OF RADIO 1955, DXLD)**

## CANADA

**\*\* CANADA.**

385 kHz, Oct 30 at 0604, dash and NDB ID as QV, which is 100 watts from Yorkton, Sask.; so my unID as YV was a miscopy (Q and Y are opposites in Morse).

366 kHz, Oct 30 at 0605, dash and NDB ID as YMW, which is 500 watts at Maniwaki, Quebec  
(Glenn Hauser, OK, DX LISTENING DIGEST)

**\*\* CANADA.**

530, UT Sat Nov 3 at 0605 UT, song in strange language mixing with EZL from Cuba, and annoying het from 531, presumably Algeria. And I presume this is multi-cultural CIAO, Brampton/Toronto. Generic program sked shows Hindi/Punjabi after local midnite. Link to full pdf sked turns out to be dated Feb 2016!

<https://www.am530.ca/AM-530-Program-Schedule-February2016.pdf> and no more specific, but those languages occupied most of the 24h, with a few others in local evenings  
(Glenn Hauser, OK, DX LISTENING DIGEST)

CIAO [530, Brampton] can be seen at bottom of this page:

<https://www.fybush.com/site-20171124/>  
(Scott Fybush, circa via DXLD)

**\*\* CANADA.**

860, Nov 1 at 1247 UT, as I am trying to separate KKOW from XEMO, but can't since they are almost collinear with Enid, instead with both of them nulled I hear French in the clear, mentioning Canada, which is CBKF-2, Saskatoon, Sask., 10/10 kW U4. NRC Pattern Book of 2013 shows major lobe north day and night, but almost as major to S at night, SSE at day, no doubt to cover Regina  
(Glenn Hauser, OK, DX LISTENING DIGEST)

Glenn - This is likely a longshot, but might be possible if conditions are just right. 860 is also CJBC Toronto, 50 kW non-directional that covers a huge footprint in darkness hours. Your surmise on Saskatoon is more likely but I get that 860 all over the place when traveling throughout the east, sometimes on occasion even on the west coast of Florida. 73  
(John Figliozzi, DX LISTENING DIGEST)

I'm well aware of CJBC and sometimes hear it thru KKOW, but they are almost in same direxion, while I was getting this French with KKOW nulled, a clear shot from SK  
(Glenn Hauser, OK, DX LISTENING DIGEST)

**\*\* CANADA.** CBC Radio took to the air 82 years ago today

<https://www.cbc.ca/archives/cbc-radio-took-to-the-air-82-years-ago-today-1.4884273>  
Short article with historic audio clips  
(Gerald T Pollard, NC, Nov 3, DX LISTENING DIGEST)

**\*\* CANADA.**

6069.9865, CFRX Toronto, only S=5 weak in Alberta. 0749 UT  
[selected SDR options, span 12.5 kHz RBW 15.3 Hertz]  
(Wolfgang Bueschel, df5sx, wwdxc BC-DX TopNews Nov 4, DX LISTENING DIGEST)

# CHINA

**\*\* CHINA.**

Hello everyone, I picked a good morning to drag myself out of bed before dawn. The band was full of carriers, some of which turned into remarkably strong signals. All loggings were made between 1030 and 1230 UT from Luther, Iowa using a SAL-30 antenna and a Perseus receiver. Here's a rundown of the highlights:

CNR 11 (?), 1098 kHz: I have caught a trace of this one before, but I've never heard it this well. I think it is China, but I am not positive on this one as I couldn't find an audible parallel station, or an accessible online feed. If anyone can provide any insight into this one I'd appreciate it. <https://youtu.be/w7jO9duu7Zs>  
(-Tim Rahto, Luther, IA, Oct 30, WOR iog via DXLD)

1098? We've been hearing a lot of CNR1 on the coast. If you have the Pacific Asian Log, then in the "Networks" section, CNR1 shortwave parallels are listed (as are CNR11), if shortwave is any good there. It's pretty poor here right now.

Otherwise, Chris Kadlec gave a link to a pdf about webstreams for the various CNR's and others awhile ago:

<http://www.beaglebass.com/dx/seoul/streaming.pdf>

Good luck,

(Nick Hall-Patch, BC, IRCA via DXLD)

Re 1098 kHz: Hi Bruce, I've got two other clips up on YouTube.

<https://youtu.be/n1IB7UuwPAk>

[https://youtu.be/1l-\\_DeyPpQY](https://youtu.be/1l-_DeyPpQY)

(-Tim Rahto, IA, IRCA at HCDX via DXLD)

Hello everyone, First off, thank you to everyone for their kind words about yesterday's recordings, as well as your encouragement. I really appreciate all of it.

This morning's conditions were still very good, but not up to yesterday's. There were multiple Japanese stations audible, including 693, 774, and 837, but their signals were down substantially.

I was just about to get on with the rest of my day when 1098 went from a carrier to an S8 around 1215 UT, right around local sunrise. Here's a recording of this morning's reception. <https://youtu.be/SKmj3uJwxaM>

After navigating through the China Radio website, I was able to match up this morning's recordings with their Tibetan service. The frequency offset (or lack thereof) on the signal also matches up with what myradiobase.de has listed for the CNR 11 transmitter out of Golmud, so I think it's been confirmed. According to Google maps, it's 6992 miles from transmitter to receive antenna. How crazy is that??

Thanks to Tim Tromp for his offset suggestion, and to Chris Kadlec for his help with navigating the China Radio website

(-Tim Rahto, Luther, IA, ibid.)

In response to Tim and Bruce, with some extra information:

1206 was my old local and is a pretty potent, wide, and loud signal. I have no TOH IDs in my recordings of the frequency, and I think the reason is, as you said, that there just is nothing special there to hear, and when there is, it is always approximately near the TOH time, not exactly.

However, at their midnight sign-off time (1600 UT), they give the Yanbian Comprehensive News Radio ID and ALWAYS play the same traditional North Korean song, though again, it might start at 11:55 or 12:01 or whatever. I always missed the start of it for that fact and it infuriated me. Typically, they don't even say their station name in the sign-off even, which is Yeonbyeon nyusuh jonghap bangsong, but merely mention Yeonbyeon (that is the Korean name of Yanbian, which is a Korean autonomous district), the frequency, times of broadcast, etc. Here is the sign-off sequence:  
[http://www.beaglebass.com/temporary/1206\\_Sign\\_Off.MP3](http://www.beaglebass.com/temporary/1206_Sign_Off.MP3)

But note that like most stations in China these days, they play a usually-instrumental music loop (last I knew) overnight and stay on the air without programming, though they didn't start staying on the air until 2016. The station's website is a real pain as far as streaming goes. I wouldn't even suggest bothering with it.

When I first started AM DX in Korea in 2015, the station was off the air for many months. Then one day, they came on and were blasting, making it very hard for me to hear Jiangsu as normal.

Aside from that, and the offset, they play the typical North Korean content in Korean with a North dialect (CNR-8 nearby also plays traditional North Korean content, but those transmitters are all failing and have horrid hums and buzzes, 1305 especially).

If you have 1205 [sic] exceptionally strong, it's good to look for the other two Yanbian blasters, 1053 and 1566, which run parallel. I think many of you hear 1566 behind Jeju. Pyongyang on 1566, I believe, is directional to the south, which probably lowers the chance of it coming in. With 1500 kW Haeju off the air on 1053, it should be easier to hear Yanbian.

Yanbian has a very distinctive jingle - for lack of a better word - on the 1053 and 1566 frequencies that gives them away both at the top of the hour and during any promos, which are run throughout the hour with the typical "Meili Yanbian!!" followed by "Yanbian renmin guangbo diantai" ID, heard here on 1566 and 1053 from Seoul:  
[http://www.beaglebass.com/temporary/1566\\_Yanbian.MP3](http://www.beaglebass.com/temporary/1566_Yanbian.MP3) (in null of Pyongyang)  
[http://www.beaglebass.com/temporary/1053\\_Yanbian.MP3](http://www.beaglebass.com/temporary/1053_Yanbian.MP3) (with half-hour ID and pips at the end nulling out my 6-mile local jammer in Seoul, the same one that everyone else overseas used to hear).

(-Chris Kadlec, <http://www.beaglebass.com/dx/seoul> 2 Nov, IRCA via DXLD)

I also had interesting reception of China 1098 yesterday. Here it is peaking when playing music. Probably my best ever signal for this one:  
[https://www.quebecdx.com/mp3/china\\_1098\\_20181101\\_2108.MP3](https://www.quebecdx.com/mp3/china_1098_20181101_2108.MP3)  
(Sylvain Naud, IRCA via DXLD)

**\*\* CHINA.**

1. The government of China has BANNED rap and hip-hop music (doesn't mean it doesn't exist underground and that people don't listen anyway), but here, you can hear them broadcast it on one of their own propaganda stations aimed at Taiwan. Taiwan is a huge consumer of hip-hop and rock music (American music as well) and most Chinese-language music in those genres originates there, so it makes sense they're throwing some of it their way.

2) The song you're hearing is Allen Su "Beijing City" (Allen Su took 2nd place in the 2007 Super Boy competition, a TV music contest show in China). Its lyrics are about the highest level of propaganda you could spew at your enemy across the water because it speaks everything great about Beijing. It's EXACTLY what Seoul broadcasts on Jayu FM into North Korea (I included a hefty chunk of the song in my Seoul AM Radio Listening Guide documentary), a song called "Seoul Seoul" that says all the same great things about Seoul sorta. The difference is that it was used for the '88 Olympics, but the idea behind using that suitable song for propaganda is the same.

The Beijing song is here, lyrics included:

[https://www.youtube.com/watch?v=f4jTf\\_WaAl8](https://www.youtube.com/watch?v=f4jTf_WaAl8)

(Chris Kadlec, IRCA at HCDX via DXLD)

Well, when a government has absolute power they certainly have the prerogative to change their minds or modify laws as desired, don't they? My wife is Hong Kong Chinese, and she always tells me that laws don't mean anything in China, where the government can do anything it wishes. But sometimes I wonder how many Taiwan residents actually listen to these mono-format music broadcasts with a heavy propaganda edge? When you lived in Seoul, were the people rushing to turn on the Voice of Unification after their 12-hour work days? I think not. But to be honest, the programming from Pyongyang BS and KCBS is so ridiculous that it is actually pretty amusing, and I would be sorry if this type of amusement suddenly disappeared from the radio scene (Gary (in Poipu, Hawaii) DeBock, *ibid.*)

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

7545, Oct 30 at 1435, Chinese atop another signal, i.e. CNR1 jamming vs VOA via PHILIPPINES

(Glenn Hauser, OK, DX LISTENING DIGEST)

**\*\* CHINA.**

7420even, PBS Nei Minggu, Chinese, S=8-9 signal in Alberta, 0816 UT, nice early-winter propagation dark zone path signal via Far East Russia, Alaska, into SDR unit in Alberta Canada [selected SDR options, span 12.5 kHz RBW 15.3 Hertz]

(Wolfgang Bueschel, df5sx, wwdxc BC-DX TopNews Nov 4, DX LISTENING DIGEST)

**\*\* CHINA.**

7435, Oct 30 at at 1437, Chinese? pop song, S9 to S9+10 with flutter, 1439 Russian announcement, strange accent; from CRI at 14-15, 500 kW, 37 degrees for DVR thus also USward. HFCC shows simulsked this hour for CRI Nepali, 283 degrees from Kunming, unheard here. It's also a standby frequency for JIC MIC, Japan, inadvisable

(Glenn Hauser, OK, DX LISTENING DIGEST)

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

13670, Nov 4 at 1431, classic rock? at S5-S9, then sounds like praise music; what`s this? 1434 French talk about Chine. Yes, of course, it`s only CRI via ALBANIA at 14-16 for West Africa.

BTW, per HFCC this overlaps an English sesquihour on KBSWR from 1330; no sign of that here

(Glenn Hauser, OK, DX LISTENING DIGEST)

**\*\* CHINA.**

CRI Spanish, is there no QC (quality control)? For more than half an hour, they kept playing the same few few-minute tapes over and over in apparently random order. The tapes are about global warming and its threatening x number of species, and related topics. Interesting (that China covers such stories) the first time, not so much the 7th time. Heard 4 Nov 2018 / 2120 UTC on 9640 Kashi, very strong. 73, (Eike Bierwirth, Wiesbaden / Germany, Perseus SDR, DX-10 pro active antenna on balcony, WOR iog via DXLD) see too [EAST TURKISTAN](#)

## CUBA

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

11860, RHC at 2047 in Arabic with a man with talk with a mention of "Havana, Cuba" at 2050 followed by many mentions of "Cuba" to 2057 and Latin American pop vocals to 2059 and IS and ID and slogan in Spanish – Good Oct 30 – I was not aware that RHC was in Arabic on this frequency which can cause some serious confusion because Radio Sana'a (Republic of Yemen Radio via Saudi Arabia) is also on this frequency in Arabic. RHC was using this frequency during the A18 international broadcasting season in Spanish mixing with Radio Sana'a. I was going to call this via Saudi Arabia until the mention of "Havana, Cuba" and the many mentions of "Cuba". RHC does not participate in the HFCC so confusion can and is caused by this attitude towards the HFCC (Mark Coady, Selwyn, Ontario, Kenwood TS440S or Ten-Tec Argonaut II and 40 and 80 meter off centre-fed dipoles, ODXA iog via DXLD)

15140, Nov 3 at 2037, open carrier/dead air, or JBM? RHC still running after French finished at 2030 (during ST scheduling; this hour should now be in English ex-19-20). Something`s always wrong at RHC.

11860, Nov 3 at 2135, RHC Spanish about baseball, distorted modulation and pulse-jamming itself, in the absence of any Martí on weekends; similar distortion on weaker // 5040 at 2139. Something`s always wrong at RHC

(Glenn Hauser, OK, DX LISTENING DIGEST)

**\*\* CUBA.**

11880, RHC in French. SIO 555, November 3, 2018, 2335–2342. News and commentary in French by OM. YL announcer at intervals. Excellent signal, clear and quiet (Vince Henley, Anacortes, WA, WinRADI0 G39DDCe SDR, ICOM IC-R8600, Ten-Tec RX-340, Drake R8B, TECSUN PL-380, TECSUN PL-660, TECSUN PL-880. Antennas: whips on PL-380, PL-660, PL-880 and Alpha-Delta DX-Ultra installed broadside east west at 30 feet, NASWA Flashsheet via DXLD) Should have been in English that hour; weeks of confusion, 11880 about to be dropped (gh, DXLD)

**\*\* CUBA.** Transmissions this Nov 4 morning. Heard in central Europe, NJ/NY/MI remote US sites, also in Edmonton Alberta Canada, from 0715 to 0857:30 UT:

5025even fq, Radio Rebelde Spanish program from Bauta site. Lovely great Latin American program/singer at 0718 UT. S=9+25dB signal in both NJ/NY state remotes. 20.6 kHz wide audio signal visible on SDR control software screen.

5040, RHC Bauta off at this time 0720.

5980, 6030 and 6135 kHz all annoying scratching signals S=8-9 [6135? not a jamming target --- gh]

5999.999, RHC Quivican San Felipe TITAN site, nice audio via the 250 kW station. No distortion on this channel. S=9+40dB in NJ/NY/MI/Alberta remotes. English program, end of Arnie Coro's radio hobby service. 0724 UT -- But weaker on:

6060.004, RHC Bauta also English service, but less strong S=8. And 6100even, RHC Bauta English outlet of S=9+10dB at NJ, at 0732, despite

6165even, RHC Bauta carried a Spanish language service at 0737, some S=9+25dB strength level. Talk on international soccer football news, about porteros, ballon, penalty a.s.o.

6100even, RHC Sunday only Esperanto service on that single frequency. Interval signal of RHC, into station ID in Esperanto given start at 0800:14 UT. Another Esperanto ID heard at 0801:20 UT. S=9+25dB signal noted in Alberta remote. Presenter was Mario Ruiz Carell, 'Saludo Mondo' program end at 0829:47 UT.

Something seems always surprising with Radio Habana Cuba. Believe it or not, the Bauta technician seemingly went to the coffee table out, strong S=9+25dB signal empty carrier was still on air a lot of time till SWITCH OFF the transmitter late at 0857:30 UT (!)  
[selected SDR options, span 12.5 kHz RBW 15.3 Hertz]  
(Wolfgang Bueschel, df5sx, wwdxc BC-DX TopNews Nov 4, DX LISTENING DIGEST)

**\*\* CUBA.**

11760, Sunday Nov 4 at 1337, RHC with `Cuba Campesina` rustic music show one hour later than before, and no `En Contacto` DX program yet, reconfirming that as a running dog of Yanqui Imperialism, Cuba makes its off-DST change date match the gusanos in Miami, moving most of its Spanish and some of its otherlangs one real UT hour later. 13700 checked at 1436, now `En Contacto` is starting.

11760, Sunday Nov 4 at 1513, RHC still in Spanish rather than weekly Esperanto, and still Spanish at 1601, but finally Esperanto starts at 1603, one real hour later than during DST. Times and frequencies for its three Sunday airings always announced at outset, but I am not listening closely enough to tell if they have been corrected. I do confirm that the additional 15140 is also // Esperanto now; since mid-season A-18 it was expanded to accompany 11760 as only active Spanish midday frequencies, still surprising some monitors consulting old skeds and not aware of my previous reports.

15140, Nov 4 at 2040 check, yes, music and RHC in English shifted one real UT hour later post-DST, 2000-2100. Frequency could change in another week.

6000 // 6060 // 6165, Nov 5 at 0711, RHC English is running another hour later until 0800 under winter timing, but 6100 is missing. 5040 had been going off an hour earlier than the others, but it's still on at 0713

(Glenn Hauser, OK, WORLD OF RADIO 1955, DX LISTENING DIGEST)

\*\* CUBA [and non].

7435, Nov 1 at 0003, Greenville having a problem getting Radio Martí going: S9+20/30 carrier on and off, while 7355 is already running; 0004, just-barely modulation starts, gradually turned up to normal level.

5980, Nov 4 at 0607, Radio Martí is already running and so is the jamming. Used to start at 0700, but B-18 HFCC shows 3 different antenna segments, why? 06-07 183, 07-11 172, 11-13 190 degrees from GB; all supposedly effective already from Oct 28, not Nov 4.

11860, Sunday Nov 4 at 1526, pulse jamming vs nothing except JBA carrier from presumed Yemen [non], also victimized elsewhere Radio Martí is absent from 11860. Something's always wrong at the DentreCuban Jamming Command

(Glenn Hauser, OK, DX LISTENING DIGEST)

## CZECHIA

\*\* CZECHIA.

Legend of Czech radio in 1968 receives highest state award

Radio Prague's former head receives state award for running independent broadcasts after 1968 invasion

Among the recipients of the state awards handed out by President Miloš Zeman on October 28, was Karel Lánský – a legend of Czech Radio broadcasting. For eight dramatic days after the Soviet led-invasion of Czechoslovakia, Lánský and his team kept independent Czechoslovak Radio on the airwaves, broadcasting from secret locations in Prague and running the operation from his flat close to the radio's Vinohrady headquarters.

Full report and recording at:

<https://www.radio.cz/en/section/panorama/radio-pragues-former-head-receives-state-award-for-running-independent-broadcasts-after-1968-invasion>

(Radio Prague, 28th October 2018 via Alan Pennington, Oct 31, bdx-news iog via DXLD; also via Kim Elliott, WOR iog via DXLD)

See also Radio Prague's interview with John Tusa, former director of BBC World Service, who was born in Czechoslovakia. It includes some interesting comments about BBCWS ...

<https://www.radio.cz/en/section/one-on-one/john-tusa-our-modernist-bata-estate-in-uk-was-exact-model-of-what-wed-left-behind-in-zlin>

(Kim Elliott, Nov 2, WOR iog via DXLD)

## EAST TURKISTAN

### \*\* EAST TURKISTAN.

11880, Oct 31 at 1402, CRI news in English, S9-S6 with heavy flutter, about 1 second ahead of 15700 Habana relay. This is one of the ubiquitous 500 kW, 308 degree transmissions aimed at Europe from Kashi-Saibagh 2022 site as Aoki/NDXC denotes it, i.e. from a.k.a. China's Xinjiang province, where one or two million Uighurs are being imprisoned and brainwashed. Just one of many reports about that:

<https://www.aljazeera.com/indepth/opinion/china-holds-million-uighur-muslims-concentration-camps-180912105738481.html>

QSL collectors should boycott ying lian and tell them why!

(Glenn Hauser, OK, DX LISTENING DIGEST)

## EGYPT

### \*\* EGYPT.

9899.571, Nov 2 at 2208, dead air at S9 listening in SSB; turning up volume in AM, a trace of just-barely modulated music. HFCC shows R. Cairo now on ``9900`` in ``English`` at 2115-2245, 125 kW, 325 degrees from Abis to Europe, thus also USward beyond; and ditto French at 2000-2115

(Glenn Hauser, OK, WORLD OF RADIO 1955, DX LISTENING DIGEST)

9899.6, Radio Cairo - Abis (Tentative), 2102, 11/2/18, in French. Woman, musical bridge of brass band music to a section of the woman asking a brief question with a man answering at some length. That continued for several minutes, then the sequence repeated with the brass band and questions and answers. I had to leave the room about 2107 and when I came back at 2119 the program was in Mid Eastern music. The modulation was distorted and off frequency making it reminiscent of Radio Cairo, although not listed at this time. Cairo is listed at other times here. Good signal strength, poor audio quality (Mark Taylor, Madison, Wisconsin, 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 WORLD OF RADIO 1955, DXLD)

## ERITREA

### \*\* ERITREA.

7140.020, Oct 31 at 0334, JBA carrier, presumed VOBME as others have reported, still Intruding, while the other VOBME is not being heard on 7180v

(Glenn Hauser, OK, DX LISTENING DIGEST)

FYI, Asmara without jamming by ETHIOPIA: Subject: [INTRUDER ALERT]

7140.0, BC A3E - VoB - Radio Eritrea - with S9 in Germany now at 1555 UT - Nov. 4th 2018 --- The German PTT Konstanz is preparing an official complaint. Please inform your national PTTs for further complaints. 73

(Wolf - DK2OM, Nov 4, IARUMS INTRUDERALERT mailing list via Wolfgang Bueschel, DXLD)

## FINLAND

**\*\* FINLAND.**

11689.9, Scandinavian Weekend Radio, Virrat, 0717-0728, 03-11, pop songs, Finish, comments, ID "Scandinavian Weekend Radio". Weak. 15321 (Manuel Méndez, Lugo, Spain, Log in Lugo, Tecsun S-8800, cable antenna, 8 meters, WOR iog via DXLD)

SWR from Finland is on the air today until 2200 UT. I'm currently hearing it with a weak but clear signal on 11720 kHz (at 1250 UT). Full schedule at <http://www.swradio.net/schedule.htm> 73s (Dave Kenny, Caversham, AOR 7030+ Wellbrook loop, Sat Nov 3, bdx-news iog via DXLD) Next should be 24 hours from 22 UT Nov 30, the UT Friday before the first Saturday; also Xmas special? (gh, DXLD)

## FRANCE

**\*\* FRANCE [and non].**

New scheduling for RFI English: see [ISRAEL](#) [non]  
Confirmed at 07-08 UT Nov 5 on 5950  
(Glenn Hauser, WORLD OF RADIO 1955, DX LISTENING DIGEST)

## GERMANY

**\*\* GERMANY.** LOG: 5970 kHz HITMIX / Studio 52 - 13.00z - (5x5)  
<https://studio52radiogroup.jimdo.com/>

Our next live-transmissions on shortwave for west-europe runs on:  
Saturday, 03.Nov.2018 / 1300-1400 UT <=====

Saturday, 01.Dez.2018 / 1200-1400 UT
Tuesday, 01.Jan.2019 / 1200-1500 UT
Saturday, 19.Jan.2019 / 1200-1500 UT

always on 5970 kHz with 125 kW via Nauen/Germany. <=====

We wish all listeners a good reception :-) !  
(via roger, Nov 3, WOR iog via DXLD)

**\*\* GERMANY.**

New schedule on 3975 6160 --- I'm hearing Shortwave Radio from Germany with a good signal on 6160 kHz since tune-in at 1130 UT, currently (at 1230) carrying an old edition of Media Network, also confirmed on 3975 with Media Network - but the two frequencies are not in sync. New schedule on their web site <http://shortwaveradio.de>

News November 1st 2018: Our current broadcasting times are as follows:

3975 kHz: 0800 to 2300 UT

6160 kHz: 0800 to 1500 UT

New schedule on their web site <http://shortwaveradio.de>

73s  
(Dave Kenny, Nov 3, bdx-news iog via WORLD OF RADIO 1955, DXLD)

**\*\* GERMANY.** "No program on 7440 kHz as yet" says <http://www.channel292.de/> A planned transmission still is listed for November 4th: Universe Radio 1000 till 1700 UT. vy73  
(Harald Kuhl, 0952 UT Nov 1, BDXC-news iog via DXLD)

7440, Channel 292, Rohrbach, 1040-1048\*, \*1056-1118, 11-01, test transmission, pop songs in English, signal cut off abruptly at 1048 and come back at 1056: identification by female: "On 7440 short wave you are listening to a test transmission from Radio Channel 292, reception reports are very welcome, our e-mail address is info@channel292.de, I repeat info@channel292.de", music, pop songs in English and more identifications. 35433

(Manuel Méndez, Lugo, Spain, Log in Lugo, Tecsun S-8800, cable antenna, 8 meters, WOR iog via DX LISTENING DIGEST)

Putting in a good signal (S9+10dB) to the U. Twente SDR receiver at 1300 UT today (1 November). But dropping to S7 and with co-channel QRM (CRI?). AM Sync frequency 7439.979 kHz. Non-stop pop music except for announcements. Will it make it across the Atlantic? Perhaps overnight? (-- Richard Langley, NB, ibid.)

Good Afternoon, It is on the air now as I note now at 1430 UT with nonstop music. The signal is peaking s9 + 10db with fades to s9. Perseus SDR (My personal SDR) - Beverage Antenna - Remote QTH Finland (Maakeski)

(Jordan Heyburn, Northern Ireland, bdx-news iog via DXLD)

Hi All, The tests on 7440 kHz are audible here in north west England at 1430 UT, though not very strong. Mostly music and the odd announcement. I'm probably a bit too close to them for this time of day, so it will be interesting to see if the signal peaks at a later or earlier hour. There is some splatter from a stronger station on 7435 at the moment

(Alan Gale, Nov 1, WOR iog via DX LISTENING DIGEST)

7440: Hi Alan, Noting it now at 1639 UT with a loop announcing the email address with talking about a test transmission. Perseus SDR (My own personal one) - Beverage Antenna (Columbia wire) - Remote QTH Finland (Maakeski) Best Regards,

(Jordan Heyburn, Nov 2, bdx-news iog via DXLD)

\*\* **GERMANY**. Radio Waves International, 35 years on air: special broadcastings --- Da Radio Waves International:

We are celebrating during this month of November 2018 our 35th birthday on the air via Radio channel 292 on 6070 kHz on Saturday morning 0600 to 0700 UT & Sunday evening from 1800 to 1900 UT. Special qsls are available, 73's, thanks for your support, Peter HILLS & Philippe. You can visit us at:

<http://www.wrwi.fr>

Radio Waves International

since November 1983 on shortwaves, 34 years on the airwaves with 27 year of country music <https://playdxblog.blogspot.com/>

(via Rus-DX Nov 4 via DXLD)

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

5950, Nov 2 at 2200, WRN via WRMI opening Deutsche Welle hour in English --- thus, despite best efforts of DW to thwart SW listenership in North America, they are overridden, perhaps without even knowing it! Another time should be 07-08 UT. At 2200 also subject to be overcome by Radio Martí programa diferido on certain days, and also subject to jamming but none heard now. 5950 is also among the weakest (modulation if not signal) of WRMI frequencies despite being aimed WNW almost hereward

(Glenn Hauser, OK, WORLD OF RADIO 1955, DX LISTENING DIGEST)

## GREENLAND

\*\* **GREENLAND**. Good conditions into [sic: out of] GRL last evening [10/26]; found four. 298:KU easy copy. No sign of 399:UP however; used to be one of the easier GRL targets.

298 KU -400 405 GRL Kook Islands 2120 10/26 0028 (DT)

279 SI -400 GRL Simiutaq 2203 10/26 0033 (DT)

382 SF -404 GRL Stromfjord 2241 10/26 0039 (DT)

372 OZN -400 GRL Prins Christian Sund 2307 10/26 0021 (DT) \*

(Dave Tomasko, Galena IL, MARE Tipsheet 2 Nov via DXLD)

## GUAM

\*\* **GUAM**.

12085, Nov 1 at 1333, YL sounds much like KSDA in Thai QRMing

12035 Turkey, q.v.; but not // 12085 is KSDA in Lao

(Glenn Hauser, OK, DX LISTENING DIGEST)

## GUINEA

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

9650, CHINA, CRI (Kunming) at 1846 in French with lively Afropops and a man with brief talk at 1849 and more lively Afropops then more traditional African vocals at 1855 to 1859 and brief Afropops to a man with a "La Voix de Chine - service en français" at 1900 – Poor to Fair in peaks Nov 1 – Just because this one was in French you could not assume it was Radio Guinée

(Mark Coady, Selwyn, Ontario, Kenwood TS440S or Ten-Tec Argonaut II and 40 and 80 meter off centre-fed dipoles, ODXA iog via WORLD OF RADIO 1955, DXLD)

Radio Guinée is now covered by Saudi Arabia (see SAUDI-ARABIA) in the evenings. Still audible weakly in the background, // to the webstream that can be found at <https://rtgkoloma.info/> Weak with African music, 4 Nov 2018 / 2049 UT. The Saudis are gone at re-check at 2206, Guinea with fair signal now with the news in French, still // webstream. 73, (Eike Bierwirth, Wiesbaden / Germany, Perseus SDR, DX-10 pro active antenna on balcony, WOR iog via DXLD)

## ICELAND

\*\* **ICELAND**. Longwave to the Mojave: See [DX-PEDITIONS](#)

**INDIA**

**\*\* INDIA.** AIR External Service : Latest change from today: Chinese 1145-1315 15030 (ex 15040). No jamming noted yet. The jammer is still on old frequency! Yours sincerely,  
(Jose Jacob, VU2JOS, National Institute of Amateur Radio, Hyderabad, India, Oct 30, dx\_india yg via DXLD)

Hello! The latest B-18 schedules of AIR is now available in my website as follows, which is updated frequently:

1) Frequency Wise (Home & External combined)  
<https://qsl.net/vu2jos/sw/freq.htm>

2) External Service (Time wise): <https://qsl.net/vu2jos/es/time.htm>

3) External Service (Language wise): <https://qsl.net/vu2jos/es/Language.htm>

Yours sincerely,  
(Jose Jacob, VU2JOS, National Institute of Amateur Radio, Hyderabad, India, Oct 31, DX LISTENING DIGEST)

Test Transmission of AIR Bengaluru heard on 7550 just now 1 Nov 2018 (from around 1050 UT onwards) with program in Kannada, relay of their FM channel), Reception is excellent. From 1107 DRM started. Yours sincerely,  
(Jose Jacob, VU2JOS, National Institute of Amateur Radio, Hyderabad, India, dx\_india yg via DXLD)

**\*\* INDIA.**

A surprising early afternoon opening to India from here in the northeastern U.S. 9865 - Vividh Bharati, Bangalore with male in Hindi playing subcontinental vocals, likely film music, at 1633 UT. This is 500 kW, but I don't recall ever hearing it here in NY this early in our day. A weak signal with lots of QRN but clearly discernible. SINPO - 25232

(John Figliozzi, Halfmoon, NY, ICOM- IC7300, Alpha Delta DX Sloper, WOR iog via DXLD)

This is a regular here out west. My morning coffee background. 4,5,4,4,4. 73

(Mick Delmage, From a Very snowy Sherwood Park, Alberta, ibid.)

Hearing it pretty stably using LSB on a KiwiSDR in Northern Virginia. Audible even better - without needing to avoid 9870 kHz DRM (?) on a UK KiwiSDR

(Richard Cuff / Allentown, PA, ODXA yg via DXLD)

**\*\* INDIA.**

11560 - AIR Bangalore booming in at S9+ with subcontinental vocals at 1520 UT. Listed language is Pashto. ID in English by woman into a newscast in English at 1530. ID in English again at 1537, then what sounded like an ad in Hindi before sudden shutdown at 1538. This is 500 kW with Pakistan and Afghanistan listed as targets. Doing a bit better than that this morning. Likely coming over the North Pole, but no sign of flutter. SINPO - 55344

(John Figliozzi, Halfmoon, NY, ICOM IC-7300, Alpha Delta DX Sloper, Nov 3, WOR iog via DXLD)

**\*\* INDIA.**

Around 16 UT noted totally distorted audio signal on 11710 kHz, probably AIR Khampur Persian. Always something wrong with AIR service.

73 wb df5sx

(Wolfgang Bueschel, Nov 3, DX LISTENING DIGEST)

AIR GOS with faulty Delhi-Khampur txer on 11710, French program, 4 Nov 2018 / 2032 UT. Strong signal, but almost no carrier visible, hence terrible audio. No signal on // 9620, 13640. 73,

(Eike Bierwirth, Wiesbaden / Germany, Perseus SDR, DX-10 pro active antenna on balcony, WOR iog via DXLD)

## INDONESIA

**\*\* INDONESIA [non-log].**

3325, Voice of Indonesia, via RRI Palangkaraya, no signal here Nov 3, at 1116 nor 1150; also no NBC Bougainville

(Ron Howard, Calif., Etón E1, antenna: 100' long wire, WOR iog via DXLD)

**\*\* INDONESIA. Monitoring Indonesia website no longer available**

Hi Glenn, Sorry to report that as of Nov 4, Atsunori Ishida's website <http://rri.jpn.org/> is no longer available. Since mid-December last year, he has been inactive. A great loss! Had been a wonderful resource for the history of what Indonesian stations were currently being heard and also for reporting on the date last heard, along with some interesting audio clips. His site had been a boon to us interested in SW stations in that country, even though there are pitifully few of them on the air today.

Believe currently that RRI Ternate (3344.86 kHz) is the most regularly heard (seems daily), while Pro 1 RRI Nabire (7289.92) is indeed often heard, but certainly not daily.

Then there is also the Voice of Indonesia, now heard via RRI Palangkaraya (3325), with their various segments in different languages, but at times with erratic broadcasting. Nov 3, at 1116 & 1150 and Nov 4, at 1206 & 1219, noted VOI definitely off the air at these times.

It should be noted that Alan Davies, still maintains his website - <https://www.asiawaves.net/> but the emphasis is on AM & FM stations.

(Ron Howard, California, WOR iog via DXLD)

<http://web.archive.org/web/20180330040116/http://rri.jpn.org/>

(via gh, ibid.)

Glenn - Thanks so much. Great to see the info is still available (Ron, ibid.) Most of it, but not including the audio clips, I think

(gh)

**IRAN**\*\* **IRAN**. IRIB/VOIRI Teheran, B-18 season requests:

5920	1420	1520	41	SIR	500	90	-25	218	HINDI--
5925	1550	1720	29S,39N	SIR	500	298	-15	218	TURKISH
5925	1820	1920	28S	SIR	500	295	0	156	ALBANIAN
5935	1620	1720	40E,41W	ZAH	500	0	0	935	PUSHTO-
5935	2220	2320	49,54	SIR	500	115	0	218	MALAY_INS
5940	1520	1620	40E,41N	SIR	500	80	0	156	URDU---
5945	1620	1720	29SE,39NE,40NW	SIR	500	320	25	156	ARMENIAN
5950	0050	0220	30SE,31SW,40E,41NW,42W	SIR	500	65	-15	156	TAJIK--
5955	1420	1520	41NE	SIR	500	90	0	218	BENGALI
5955	2050	2150	45	SIR	500	60	0	218	JAPANESE
5965	1520	1620	41,49,54	SIR	500	95	15	156	ENGLISH
5980	2320	0020	42-44	SIR	500	68	-15	218	CHINA--
6000	1250	1420	40E,41N	SIR	500	83	0	218	URDU---
6025	1720	1820	27,28	SIR	500	313	0	218	GERMAN-
6040	1920	2020	27,28	SIR	500	313	0	218	ENGLISH
6060	1730	0230	37-39	ZAH	500	289	0	145	ARABIC-West
6070	0320	0420	38E,39W	SIR	500	285	15	156	Ara PAL
6075	0220	0320	40E,41W	SIR	500	65	-15	156	PUSHTO-
6090	2320	0220	12-16	SIR	500	298	-15	218	SPANISH
6110	1720	1820	28S	SIR	500	300	30	218	BOSNIAN
6135	1820	1920	27,28	SIR	500	313	0	218	FRENCH-
6135	1920	1950	28S	SIR	500	300	30	218	ITALIAN
6155	1420	1520	41NE	SIR	500	90	0	218	BENGALI
6155	1620	1650	41NE	SIR	500	90	0	218	BENGALI
6190	1920	1950	28S	SIR	500	295	0	156	ITALIAN
7230	2320	0050	12-16	SIR	500	240	-30	218	SPANISH
7305	1820	1920	28S	SIR	500	320	0	146	ALBANIAN
7310	1430	1730	37,38,39	ZAH	500	289	0	145	ARABIC-West
7355	1320	1420	39	SIR	500	313	0	218	KURD Sorani
7360	0050	0220	30SE,31SW,40E,41NW,42W	SIR	500	46	-30	216	TAJIK--
7360	1220	1320	30S,31S,40E	ZAH	500	0	0	935	PUSHTO-
7360	2020	2120	27S,28S,37,38	SIR	500	298	-15	218	SPANISH
7370	0130	0330	39	SIR	500	215	0	211	ARABICSouth
7370	0330	0600	39	SIR	500	198	0	146	ARABICSouth
7375	1620	1650	41NE	SIR	500	90	0	145	BENGALI
7380	0230	0530	38,39	ZAH	500	289	0	145	ARABIC-West
7390	0220	0320	40E,41W	SIR	500	60	0	211	PUSHTO-
7420	2220	2320	49,54	SIR	500	120	30	218	MALAY_INS
7425	1720	1820	27,28	SIR	500	320	25	156	GERMAN-
7425	2050	2150	45	SIR	500	53	-30	218	JAPANESE
7430	1620	1720	29SE,39NE,40NW	SIR	500	320	0	146	ARMENIAN
7445	1450	1550	30S,31S,40NE	SIR	500	30	0	206	UZBEK--
9440	1030	1430	38,39	ZAH	500	289	0	145	ARABIC-West
9490	2320	0020	42-44	SIR	500	65	-15	156	CHINA--
9510	1220	1320	30S,31S,40E	AHW	250	0	0	935	PUSHTO-
9655	1430	1730	39	SIR	500	211	15	216	ARABICSouth
9755	0420	0450	38E,39W	SIR	500	293	30	218	HEBREW-
9800	1430	1730	39	SIR	500	211	15	216	ARABICSouth
9810	1450	1550	30S,31S,40NE	AHW	500	0	0	935	UZBEK--
9835	1320	1420	28E,29,30	SIR	500	336	0	146	RUSSIAN
9850	1820	1920	46,47	SIR	500	253	0	218	HAUSA--
9900	1420	1520	41	SIR	500	90	0	145	HINDI--

11780	0420	0450	38E,39W	SIR	500	287	0	218	HEBREW-
11875	0420	0550	29S,39N	SIR	500	310	0	211	TURKISH
11880	1920	2020	52,53,57	SIR	500	211	15	216	ENGLISH
12035	0550	0820	30S,31S,40E	SIR	500	65	-15	156	DARI---
12085	1150	1250	42-44	SIR	500	46	-30	216	CHINA--
13680	0450	0550	39S,47,48,52,53	SIR	500	211	15	216	SWAHILI
13740	0920	1150	30S,31S,40E	SIR	500	80	0	156	DARI---
13780	0600	0830	39	SIR	500	216	0	216	ARABICSouth
13790	0600	0830	39	SIR	500	216	0	216	ARABICSouth
13820	0530	0730	38,39	ZAH	500	289	0	145	ARABIC-West
13820	0830	1030	38,39	SIR	500	282	0	146	ARABIC-West
13830	1050	1150	45	SIR	500	60	-30	218	JAPANESE
13830	1150	1250	42-44	SIR	500	68	-15	218	CHINA--
15130	0930	1130	39	SIR	500	198	0	146	ARABICSouth
15130	1130	1430	39	SIR	500	198	0	146	ARABICSouth
15140	0450	0550	39S,47,48,52,53	SIR	500	216	0	216	SWAHILI
15180	1220	1320	49,54	SIR	500	115	0	218	MALAY_INS
15200	0720	0820	27S,28S,37,38	SIR	500	300	30	218	SPANISH
15235	0920	1020	30,31	SIR	500	18	0	146	KAZAKH-
15240	1150	1220	38E,39W	SIR	500	288	-25	218	HEBREW-
15240	1150	1220	38E,39W	SIR	500	293	30	218	HEBREW_
15360	0550	0650	46,47	SIR	500	263	0	218	HAUSA--
17540	0720	0820	27S,28S,37,38	SIR	500	298	-15	218	SPANISH
17570	1220	1320	49,54	SIR	500	107	0	216	MALAY_INS
17660	0920	1020	30,31	SIR	500	31	15	218	KAZAKH_

(via wb df5sx, wwdxc BC-DX TopNews Oct 21, BC-DX 1 Nov; aligned laboriously by gh for DX LISTENING DIGEST)

Dear friends, from IRIB Tehran I have got the following valid Email addresses:

<english@parstoday.com>  
 <french@parstoday.com>  
 <italian@parstoday.com>  
 <spanish@parstoday.com>  
 <russian@parstoday.com>  
 <indonesian@parstoday.com>  
 <german@parstoday.com>

(Volker Willschrey-D, via wwdxc BC-DX TopNews Oct 28, BC-DX 1 Nov via DXLD)

**IRELAND**

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

7290 - ITALY - IRRS in English with FSN News, a jazz piano/vocal piece and program "Between the Lines" from tune-in at 1933. Fair to good signal with moderate QRN. SINPO - 35333. (HFCC has this at 300 kW from Milano. Is that so, or is this via Bulgaria?)  
(John Figliozzi, Halfmoon, NY, ICOM IC-7300, Alpha-Delta DX Sloper, Nov 2, WOR iog via DXLD)

I could not say for sure where it is, but for sure where it is NOT --- no 300 kW or any kW SW transmitter site at Milano. HFCC has perpetuated this fixation for years and years, fooling whom. and whym? Let`s just say IRELAND [non]. Where IRRS is also located  
(Glenn Hauser, ibid.)

Bulgaria --- no transmitter in Italy  
(Roberto Scaglione, Sicilia, WOR iog via DXLD)

List source: userlistEIBISKED.txt, file date 2018/11/02 22:42

kHz: 7290  
UTC/PSN: 1900-2000  
Days/PI: 567 (Fr-Su)  
Language: English  
Station: IRRS Milano  
Country: BGR (Bulgaria)  
Transmitter: Sofia-Kostinbrod  
Latitude: 42.8167 (42N49'00")  
Longitude: 23.2167 (23E13'00")  
Modulation: AM  
Power (kW): (150 kW ?)  
Target: Eu (Europe)  
Distance: 1290 km  
Bearing: 135°  
Notes: Org: ITA/Italy  
Details: 41 m from Bulgaria to Europe  
QTH locator: KN12ot66aa

A recent review with TDoA confirms this information. Using KIWI SDRs in the Netherlands, Germany and Russia, there was a hit @ 42.38 / 23.30 in the western part of Bulgaria. This correlates with the information from the Eibi list. Combined reference station was a long-wave transmitter in Hungary. Here is the result on a map:

[https://www.dropbox.com/s/09sdeqqxphycqy/2018-11-03\\_7290\\_IRRS\\_TDoA\\_Eibi.png?dl=0](https://www.dropbox.com/s/09sdeqqxphycqy/2018-11-03_7290_IRRS_TDoA_Eibi.png?dl=0)

(roger, germany, WOR iog via DXLD)

7290 is NOT from Bulgaria  
(Ivo Ivanov, Nov 5, DX LISTENING DIGEST)

Not sure whether Ivo had seen the above TDoA ``confirmation`` or not. Would he still deny it? A later report claims Saftica, Romania  
(gh)

## ISRAEL

\*\* [ISRAEL \[non\]](#).

5950, Nov 2 at 0535-0540+, S9+10 but undermod, WRMI with WRN relay; expecting to hear RFI, but all the discussion concerns Israel, Pittsburgh. Yes, advance timeshift has now put Israel Radio in the 05-06 hour instead of 04-05, with RFI back to 06-07, same time as on their own SW which per B-18 HFCC has moved way down to 7245, but from 3 Feb back up to 9735. And DW should now be at 07-08 on 5950 WRMI. Complete WRN B-18 sked including other times for Israel et al., partly also via 5950:

<http://babcock.media/world-radio-network/schedules/Schedule-English-North-America.pdf> (Glenn Hauser, OK, WORLD OF RADIO 1955, DX LISTENING DIGEST) See also UNID 17850!

## ITALY

\*\* [ITALY \[non\]](#). IRRS: See [IRELAND \[non\]](#)

## JAPAN

\*\* [JAPAN](#).

Hello everyone, I picked a good morning to drag myself out of bed before dawn. The band was full of carriers, some of which turned into remarkably strong signals. All loggings were made between 1030 and 1230 UT from Luther, Iowa using a SAL-30 antenna and a Perseus receiver. Here's a rundown of the highlights:

NHK 2, 774 kHz. I have never heard Japan on MW before now, and I may never hear it this well again. They were giving an English lesson with a Halloween theme that peaked at just under S9. || to 693. I have 747 kHz down in my notes, but I am not sure if it was parallel or not.

774 kHz:

<https://youtu.be/QOfVVdXwypU>

693 kHz:

<https://youtu.be/Er7qoMjylws>

774 kHz (made about an hour after the first clip):

<https://youtu.be/fITMaUhyTms>

CNR 11 (?), 1098 kHz: I have caught a trace of this one before, but I've never heard it this well. I think it is China, but I am not positive on this one as I couldn't find an audible parallel station, or an accessible online feed. If anyone can provide any insight into this one I'd appreciate it.

<https://youtu.be/w7jO9duu7Zs>

(-Tim Rahto, Luther, IA, Oct 30, WOR iog via DXLD)

Excellent loggings Tim. 747 is parallel to 774, 828, 693 etc at the time we hear them, so easy to check them off  
(Nick Hall-Patch, BC, IRCA via DXLD)

**\*\* JAPAN.**

3945, R Nikkei 2 at 1330. M presenter in English, music from Hawaiian Islands. Noted RN-1 on, but 3925 signal not nearly as strong as RN-2 today. Good ID by woman, then man, both in Japanese at top of the hour - Very Good Nov 2 - I went from DXer to listener for this program - this was GOOD - ! (Rick Barton, Arizona SW Logs, Grundig Satellit 205(T.5000) & 750; HQ-180A & HQ-200; RS SW-2000629, & ATS-909X with various outdoor wires, WOR iog via WORLD OF RADIO 1955, DXLD)

[and non]. 3945, RN2. 1230+ 1 Nov. Possibly Echo of Unification (NK) pushing some audio through normally dominant RN2 this morning -- checking listed EoU //s was fruitless -- 6250 covered by SK jammer & 3970 apparently off today (Dan Sheedy, Moonlight Beach, CA, Eton-Grundig 'Executive Satellit'/6m X wire, DX LISTENING DIGEST)

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

Full NHK Radio Japan MW & SW schedule will follow in next wwdxc TopNews

<[https://www3.nhk.or.jp/nhkworld/resources/brochure/pdf/rj\\_frequency.pdf](https://www3.nhk.or.jp/nhkworld/resources/brochure/pdf/rj_frequency.pdf)>

**English**

0500-0530 EUR 6155mos-AUT

0500-0530 AF/EaAF/SoAF 7410iss-F\_\_

0500-0530 AF/EaAF/SoAF 9860smg-VAT

1100-1130 SoEaAS 11825sng-SNG

1400-1430 SoWeAS 6165tac-UZB

1400-1430 SoEaAS 11925pal-PAL KHBN site

[WORLD OF RADIO 1955]

Via MRTV Myanmar Radio Yangon Yaegu, Myanmar.

1540-1600 Thurs and Fris

SoWeAS SW 5985 MW 576 Myanma Radio, Yangon Yaegu

SoWeAS MW 594 Myanma Radio, Nay Pyi Taw

<[http://www3.nhk.or.jp/nhkworld/en/radio/howto/#shortwave\\_radio](http://www3.nhk.or.jp/nhkworld/en/radio/howto/#shortwave_radio)>

<[http://www3.nhk.or.jp/nhkworld/resources/brochure/pdf/rj\\_en.pdf](http://www3.nhk.or.jp/nhkworld/resources/brochure/pdf/rj_en.pdf)>

<<http://www3.nhk.or.jp/nhkworld/en/radio/>>

<<http://www3.nhk.or.jp/nhkworld/en/chronology/index.html>>

(wb df5sx, wwdxc BC-DX TopNews Oct 21)

(via Wolfgang Bueschel, Oct 30, DXLD)

Glenn, some question marks set by Y.T. What's about NHK Portuguese 17540 WHRI ? anymore? what's about DRM Mode 9760 kHz via Woofferton? A lot of FM channels changed in Tanzania ... Indonesia. vy73 wolfie

[I meant to check 17540 at 2130 but kept forgetting; however, it was dropped many months ago and I would not expect it back, nor have I run across it --- gh]

JAPAN [AFGHANISTAN/AUSTRIA/BANGLADESH/France/GERMANY/INDIA/INDONESIA/IRAQ/KURDISTAN/LITHUANIA/MADAGASCAR/MYANMAR/PALAU/PALESTINE/RUSSIA/SINGAPORE/SOUTH-AFRICA/TAJIKISTAN/TANZANIA/THAILAND/U.A.E./USA/UZBEKISTAN/VATICAN STATE/WEST BANK]

NHK World - Radio Japan Tokyo - October 28, 2018 - March 25, 2019.

B-18 winter season file, according NHK World Radio Japan leaflet.

Foreign language and Japanese Services

<[https://www3.nhk.or.jp/nhkworld/resources/brochure/pdf/rj\\_frequency.pdf](https://www3.nhk.or.jp/nhkworld/resources/brochure/pdf/rj_frequency.pdf)>

### Arabic

0600-0630 ME/NoAF 6165iss

2000-2030 ME FM via Radio Dijla, Baghdad-IRQ 88.3, Suleymania 93.0, Basra 88.5, Kirkuk Erbil 95.7, Mosul 93.1 MHz in Iraq on FM.

2000-2030 ME FM via Reehan FM, Ramallah 87.8, Jerico 95.6, in Palestine on FM.

for details please access URL

<[http://www3.nhk.or.jp/nhkworld/ar/radio/howto/#shortwave\\_radio](http://www3.nhk.or.jp/nhkworld/ar/radio/howto/#shortwave_radio)>

### Bengali

1300-1345 SoWeAS 11685sng

1500-1545 SoWeAS FM via Bangladesh Betar, Dhaka 104.0, Chittagong 88.8, Comilla 101.2, Khulna 88.8, Rajshahi 88.8, Rangpur 105.6, Sylhet 105.2 MHz in Bangladesh on FM.

<[http://www3.nhk.or.jp/nhkworld/bn/radio/howto/#shortwave\\_radio](http://www3.nhk.or.jp/nhkworld/bn/radio/howto/#shortwave_radio)>

### Burmese

1030-1100 SoEaAS 11740sng

1430-1500 SoEaAS 11740sng

Via MRTV Myanmar Radio Yangon Yaegu, Myanmar.

1445-1500 Mon-Wed, 1445-1505 UT on Sat/Sun

SoEaAS SW 5985 MW 576 Myanma Radio, Yangon Yaegu

SoEaAS MW 594 Myanma Radio, Nay Pyi Taw

2340-2400 SoEaAS 13650yam

<[http://www3.nhk.or.jp/nhkworld/my/radio/howto/#shortwave\\_radio](http://www3.nhk.or.jp/nhkworld/my/radio/howto/#shortwave_radio)>

<<http://www3.nhk.or.jp/nhkworld/my/radio/howto/#radio-howto-idx-time>>

Chinese - time schedule reshuffled.

0430-0500 AS 11825yam

1130-1200 AS 6090yam

1230-1300 AS 6190yam

1330-1400 AS 6190yam

1430-1500 AS 6190yam

2230-2250 AS 9560yam

<[http://www3.nhk.or.jp/nhkworld/zh/radio/howto/#shortwave\\_radio](http://www3.nhk.or.jp/nhkworld/zh/radio/howto/#shortwave_radio)>

### English

0500-0530 EUR 6155mos-AUT

0500-0530 AF/EaAF/SoAF 7410iss-F\_\_

0500-0530 AF/EaAF/SoAF 9860smg-VAT

1100-1130 SoEaAS 11825sng-SNG

1400-1430 SoWeAS 6165tac-UZB

1400-1430 SoEaAS 11925pal-PAL KHBN site

Via MRTV Myanmar Radio Yangon Yaegu, Myanmar.

1540-1600 Thurs and Fris

SoWeAS SW 5985 MW 576 Myanma Radio, Yangon Yaegu

SoWeAS MW 594 Myanma Radio, Nay Pyi Taw

<[http://www3.nhk.or.jp/nhkworld/en/radio/howto/#shortwave\\_radio](http://www3.nhk.or.jp/nhkworld/en/radio/howto/#shortwave_radio)>

<[http://www3.nhk.or.jp/nhkworld/resources/brochure/pdf/rj\\_en.pdf](http://www3.nhk.or.jp/nhkworld/resources/brochure/pdf/rj_en.pdf)>

<<http://www3.nhk.or.jp/nhkworld/en/radio/>>

<<http://www3.nhk.or.jp/nhkworld/en/chronology/index.html>>

**French**

0530-0600 WeAF 11730iss

0530-0600 CeAF 13840mdg

2030-2100 WeAF 9855mdg

<<http://www3.nhk.or.jp/nhkworld/fr/radio/howto/#radio-howto-idx-time>>**Hindi**

1830-1900 SoWeAS FM via Big FM. 92.7 MHz New Delhi, Mumbai, Kolkata, Bangalore, Hyderabad.

0059-0120 SoWeAS 6155tac

1430-1500 SoWeAS 15720mdg

1530-1600 SoWeAS 7565tac

<[http://www3.nhk.or.jp/nhkworld/hi/radio/howto/#shortwave\\_radio](http://www3.nhk.or.jp/nhkworld/hi/radio/howto/#shortwave_radio)>**Indonesian**

1115-1200 SoEaAS 9625pal

1205-1220 SoEaAS FM Elshinta &amp;

1405-1435 SoEaAS FM Elshinta

Jakarta 90.0, Bandung 89.3, Tegal 99.0, Surabaya 97.6, Medan 93.2, Semarang 91.0, Lampung 99.6, Sekayu 103.7, Palembang 96.7 MHz.

1400-1445 SoEaAS FM Indonesia

90.9 MHz FM Ambom - Duta, 105.5 Bandung - Garuda, 100.0 Bandar Lampung SAI, 91.7 Bandar Lampung - R.Heartline, 88.5 Banjarmasin - Chandra, 103.1 Banyuwangi - GBS FM, 105.9 Bengkulu - Flamboyan, 102.6 Cirebon - Maritim, 103.5 Kupang - DMWS, 104.1 Malang - Senaputra, 96.7 Mataran - Global Lombok, 92.1 Mojokerto - Satriya FM, 101.8 Palangkaraya - RCA, 101.0 Palu - Nebula, 95.9 Pontianak - DIA FM, 106.8 Semarang - Thomson, 104.7 Surabaya - Sindo Trijaya(!new), 106.2 Tarakan - Grass, 103.5 Jambi - Jambi FM, 107.2 Yogyakarta - KR, 106.0 Banda Aceh - Nikoya, 106.9 Bantul - Global, 102.3 Batam - Kei FM, 103.6 Biak - Perkasa, 96.5 Denpasar - Global Bali, 90.4 Kediri - Jayabaya FM, 92.5 Makassar - RAM, 89.3 Makassar - Radio Fajar, 102.0 Manado - ROM2 FM, 106.6 Medan - Sonya, 102.6 Padang - Padang FM, 103.4 Palembang - LCBS, 96.7 Pekanbaru - Green Radio, 105.1 Samarinda - Gema Nirwana, 98.1 Serang - Harmony, 107.3 Solo - Karavan, 94.6 Taskmalaya - Style Radio, 92.5 Muaro Jambi, 93.9 Maros - ZIP, 94.6 Aceh Tenggara - Lauser, 92.6 Batulicin - DongLay Nusantara, 101.2 Pematangsintar - Cek Radio, 96.9 Waingapu - Max, 98.8 MHz FM Wonosobo - Citra. MW 1170 kHz Simalungun - Radio Rasita.

1315-1400 SoEaAS 11925pal

2130-2200 SoEaAS 6075yam

<[http://www3.nhk.or.jp/nhkworld/id/radio/howto/#shortwave\\_radio](http://www3.nhk.or.jp/nhkworld/id/radio/howto/#shortwave_radio)><<http://www3.nhk.or.jp/nhkworld/id/radio/howto/#radio-howto-idx-time>>**Japanese**

0300-0400 AS FE 11790yam

0200-0500 AS 15195yam

0700-0800 AS 11825yam

0800-1600 AS 9750yam

2100-2400 AS 11910yam

2000-2100 OCE/Hawaii 9625yam

0200-0500 SoEaAS 17810yam  
 0700-0900 SoEaAS 15280yam  
 0900-1500 SoEaAS 11815yam  
 2100-2300 SoEaAS 11665yam

0200-0400 SoWeAS 15590yam  
 0900-1000 SoWeAS 15325yam  
 1500-1700 AF/SoWeAS/SoAS 9680yam

0800-1000 SoWeEUR/WeAF 15290iss  
 1700-1900 SoEUR/ceAF/soAF 11945iss  
 1900-2100 CeAF 15130iss

0300-0500 SoEaEUR/NE/ME/NoEaAF 9620nau  
 1700-1900 SoEaEUR/NE/ME/NoEaAF 9765nau  
 1900-2100 CeAS/ME/NE/NoAF 9670yam

0300-0500(!) SoAM 5960iss  
 [I believe above is still on 6105 --- gh]  
 1700-1900 SoAM 13720yam

<<http://www3.nhk.or.jp/nhkworld/ja/radio/shortwave/>>

<<http://www3.nhk.or.jp/nhkworld/ja/radio/howto/#short-wave-contr>>

#### Korean

0415-0445 AS 13720yam  
 1100-1130 AS 6090yam  
 1200-1230 AS 6090yam  
 1300-1330 AS 6190yam  
 1400-1430 AS 6190yam  
 2209-2230 AS 9560yam

<<http://www3.nhk.or.jp/nhkworld/ko/radio/howto/#short-wave-contr>>

#### Persian

0400-0430 ME 11730tac  
 1430-1500 ME 13725iss  
 FM Radio Killid in Kabul/Herat 88.0 MHz  
 1630-1700 ME MW927tjk

<<http://www3.nhk.or.jp/nhkworld/fa/>>

<[http://www3.nhk.or.jp/nhkworld/fa/radio/howto/#shortwave\\_radio](http://www3.nhk.or.jp/nhkworld/fa/radio/howto/#shortwave_radio)>

#### Portuguese

0900-0930 SoAM 6195hri

2130-2200 SoAM 17540hri ( ? )

(back in PDF file, but not appear on HFCC request file anymore!)

<<http://www3.nhk.or.jp/nhkworld/pt/radio/howto/#radio-howto-idx-time>>

#### Russian

0330-0400 EU MW 738msk MW 1386lit

0430-0500 EU 6165nau

0530-0600 EaAS FE 11790yam

1100-1130 EaAS FE 5985yam

1600-1630 EU MW 738msk MW 927tjk

1730-1800 EU MW 1386lit

<<http://www3.nhk.or.jp/nhkworld/ru/radio/howto/#radio-howto-idx-time>>

<<http://www3.nhk.or.jp/nhkworld/ru/radio/howto/#short-wave-contr>>

**Spanish**

0400-0430 CeAM 6195hri

0400-0430 CeSoAM 5985rmi

0930-1000 CeSoAM 6195hri

<<http://www3.nhk.or.jp/nhkworld/es/>><<http://www3.nhk.or.jp/nhkworld/es/radio/howto/#radio-howto-idx-time>>**Swahili**

0315-0400 EaAF 9560mdg

1729-1800 EaAF 13730mdg

1730-1800 EaAF TZA FM TBC FM

90.0 MHz Dar es Salaam, 88.1! Tanga-Mnyusi, 98.0 Arusha - Themí, 104.4 Mara - Mkendo, 93.3 Mwanza - Nyashana, 105.7 Kagera - Kiziru, 98.0 Kigoma, 88.5 Tabora - Kazeh, 90.4! Dodoma - Imagi, 100.4 Mbeya - Kawetere, 93.5! Lindí - Kipehe, 105.9 Masasi Town, 97.4 Newala, 102.2! Tunduru, 103.0! Songea, 102.2! S/wanga, 94.1! Mpanda, 88.3! Morogoro, 96.2! Iringa, 104.3 Moshi, 96.7! Babati, 94.6! Singida, 102.3 Shinyanga, 89.7 Geita, 94.1! Katavi, 92.5 MHz Tanzania (FM), Hits FM - Zanzibar.

{a lot of FM frequencies re-shuffled now, wb.}

<<http://www3.nhk.or.jp/nhkworld/sw/radio/howto/#radio-howto-idx-time>>**Thai**0100-0130 SoEaAS Mon-Fri FM Naresuan University Phitsanulok \*)  
Maha Sarakham 107.25 MHz

\*) transmission temporarily suspended.

{0530-0545 SoEaAS FM Maejo Univ., Chiang Rai 95.5 MHz deleted, wb}

1130-1200 SoEaAS 11740sng

1230-1300 SoEaAs 11740sng

1230-1300 SoEaAS Mon - Fri

MW Thammasat University Radio, Bangkok MW 981 kHz

FM Mahasarakham University, Maha Sarakham

102.25 MHz

1230-1300 SoEaAS FM Khon Kaen University, Khon Kaen 103.0 MHz

{1230-1245 SoEaAS FM Maejo Univ., Chiang Rai 95.5 MHz deleted, wb}

2259-2320 SoEaAS 13650yam

<[http://www3.nhk.or.jp/nhkworld/th/radio/howto/#shortwave\\_radio](http://www3.nhk.or.jp/nhkworld/th/radio/howto/#shortwave_radio)>

Urdu (time extended now back, again by 15 mins, to 45 mins)

1515-1600 SoWeAS 11775uae

1700-1745 SoWeAS MW927tjk

<[http://www3.nhk.or.jp/nhkworld/ur/radio/howto/#shortwave\\_radio](http://www3.nhk.or.jp/nhkworld/ur/radio/howto/#shortwave_radio)>**Vietnamese**

1100-1130 SoEaAS 11740sng

1300-1315 Tues-Fris

1300-1320 Mon

1330-1345 Sat

1330-1350 Sun

SoEaAS FM VoVTN Giao Thong

91.0 MHz Hanoi, HCMC, Can Tho, Quang Binh.

1300-1330 SoEaAS 11740sng

2320-2340 SoEaAS 13650yam

<[http://www3.nhk.or.jp/nhkworld/vi/radio/howto/#shortwave\\_radio](http://www3.nhk.or.jp/nhkworld/vi/radio/howto/#shortwave_radio)>

**SW / MW relays:**

**hri** HRI Furman-SC, South Carolina, USA  
**iss** TDF Issoudun, France  
**mdg** MDC MGLOBAL Madagascar  
**mey** SenTec Meyerton, South Africa  
**mos** ORS Moosbrunn, Austria  
**msk** Moscow, Russia  
**nau** MBR Nauen, Germany  
**pal** KHBN Palau  
**rmi** WRMI Okeechobee-FL, Florida USA  
**lit** RRT Lithuania  
**smg** VR Santa Maria di Galeria, Vatican State.  
**sng** Babcock Kranji, Singapore  
**tac** RRTM Tashkent, Uzbekistan  
**tjk** Teleradiokom Dushanbe, Tajikistan  
**uae** Babcock Al Dhabayya, UAE

MW/SW relay on MRTV Myanmar Radio, Yangon Yaegu and Nay Pyi Taw sites; FM/MW relay in Thailand; and FM relays in Palestine West Bank, Afghanistan, Bangladesh, India, Indonesia, Iraq, Tanzania, and Vietnam.

Not anymore included in RJ printed leaflet, and not anymore on HFCC B-18 database contain Fridays only DRM mode via 9760wof Babcock Woofferton U.K. test transmission in RJ English 1100-1130 UT, and RJ Russian 1130-1200 UT, which this transmission mode is ceased now for ever on NHK administration.

<[https://www3.nhk.or.jp/nhkworld/resources/brochure/pdf/rj\\_frequency.pdf](https://www3.nhk.or.jp/nhkworld/resources/brochure/pdf/rj_frequency.pdf)>

(transformed by wb at wwdxc BC-DX TopNews Oct 21, 2018 via wb Oct 31, DXLD)

## KOREA NORTH

\*\* **KOREA NORTH**. Transmitter site of Chongjin

Greetings everyone, Finally after some months, I have found one of the Voice of Korea/PBS Pyongyang Pangsong transmitters, located in Chongjin and currently in a state of inactivity in shortwave. Since this one was on the list of wanted tx sites on the website, I thought you might be interested in it. The exact coordinates are 41°45'33.3"N 129°42'22.1"E Google Maps link: <https://goo.gl/maps/ZAoMadWsfHr>

In the site, you can see a big curtain antenna with two masts, which is the probably the only antenna suitable for shortwave (as far as I can see with the satellite pictures). There's also another antenna mast, located northeast of the other one and separated a bit from the main building. I assume this one is used for MW or as a backup/low power antenna.

I found out this site in Wikimapia, it appears that someone discovered that before us. I have also checked older satellite pics of the area and it appears that the site hasn't changed much since 2003.

I am still working on other North Korea sites, such as Kanggye and Pyongyang, but TDoA analysis (which I'm currently using) isn't giving good results due to the lack of good receivers. I will post more when I find them. 73s,  
(Quim Suárez from Girona, Spain, Nov 5, shortwavesites iog via DXLD)

**\*\* KOREA NORTH.**

9665, 11/2/18. KCBS 2011 tune-in. Fair to good signals with flutter. Martial choral pieces. No rumbling het from Brazil noted. Classical piano piece at 2020; sounded almost like a nocturne, after all it's just after 5 am there. Brief announcement in Korean, then narration with a classical music bed; reader was expressive  
(Steve Zimmerman in wildlife refuge near Big Bend, WI. ICF2010 and active whip in tree, WOR iog via DXLD)

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

7245, Shiokaze/Sea Breeze (Yamata).  
\*1300-1310 31 Oct. Ex-6165 & mostly buried under CNR2 (Beijing) with the NK jammer adding its bit to the confusion. AACI from 7255 (CRI-Shijiazhan) in Russian, as well; my ears still ring a little (Dan Sheedy, Moonlight Beach, CA, Eton-Grundig 'Executive Satellit'/6m X wire, WORLD OF RADIO 1955, DX LISTENING DIGEST)

7245 (ex-6165), JAPAN, Shiokaze/Sea Breeze at 1320 with familiar music, W in (probable) Korean. Rough copy on channel with some amateur traffic, noise, and DPRK jammer. Fair / 32222, Oct 31  
(Rick Barton, AZ, WOR iog via DX LISTENING DIGEST)

7245, JAPAN, Shiokaze/ea Breeze at 1300. Opening in big collision with China/CNR, an UnID, and a jamming station (likely DPRK jammer). Monologue and familiar electronic notes, W in Korean. Also noted some occasional splash from 7255 (China Radio in Russian) - Fair Nov 2 (Rick Barton, Arizona SW Logs, Grundig Satellit 205(T.5000) & 750; HQ-180A & HQ-200; RS SW-2000629, & ATS-909X with various outdoor wires, WOR iog via WORLD OF RADIO 1955, DXLD)

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

5920, Voice of Freedom (Hwaseong) 1300+ 23 Oct. Ex-6145 & in the clear, but the NK jammer showed on the 24th to disturb the peace (Dan Sheedy, Moonlight Beach, CA, Eton-Grundig 'Executive Satellit'/6m X wire, DX LISTENING DIGEST)

## KOREA SOUTH

**\*\* KOREA SOUTH.**

KBS World Radio --- Unexpectedly received a large envelope from the Russian edition of KBS World Radio with souvenirs (a folder for documents, a notebook with a pen), a sticker and several booklets. Such attention to the listeners from the station is very nice. Souvenirs can be viewed here  
<http://freerutube.info/2018/07/03/qs1-kbs-world-radio-yuzhnaya-koreya-iyun-2018-goda/>  
(Dmitry Elagin, Saratov, Russia / "deneb-radio-dx", QSL World, Rus-DX Nov 4 via DXLD)

## KUWAIT

### \*\* KUWAIT.

13645-13650-13655, Oct 31 at 1353, S9 DRM noise, still at 1438. I can only assume another SNAFU at R. Kuwait which is not supposed to be here until 1700-2000 in Arabic DRM, according to HFCC and Aoki/NDXC. In fact, at 1300-1400 the other Kuwaiti site is scheduled on 13650-AM, IBB in Tibetan! That would be the JBA carrier I can barely hear amid on 13650.

Furthermore, I hear narrowband DRM noise about 13690-13695. This could be a spur from the 13650 transmitter. After all, everything else can go wrong, so why not DRM spurs just like we can get AM spurs?? (Glenn Hauser, OK, DX LISTENING DIGEST) no: 13690 is WINB now, q.v.

11629.760, Nov 1 at 1431, R. Kuwait is S9+10/S9 with Qur`an. Seems this one is consistently off-frequency unlike Turkey.

11629.757, Nov 2 at 1430, R. Kuwait with Qur`an --- but also slightly weaker audio of something else in Arabic talk, music; presumably a different RK program, obviously mixed into single off-frequency transmitter modulation. Something`s always wrong ---  
(Glenn Hauser, OK, WORLD OF RADIO 1955, DX LISTENING DIGEST)

11630, R. Kuwait at 1515 UT man in Arabic with another male voice in background. Is one translating for the other or is it just poor soundproofing between studios? Goes on for a while. SINPO - 45344 (John Figliozzi, Halfmoon, NY, ICOM IC-7300, Alpha Delta DX Sloper, Nov 3, WOR iog via DXLD) I also heard this, crosstalk  
(gh)

Around 16 UT, R Kuwait 11630 kHz was OFF. 73 wb df5sx  
(Wolfgang Bueschel, Nov 3, DX LISTENING DIGEST)

11629.758 kHz much ODD frequency. R Kuwait Arabic HQ prayer at 1415 UT, scheduled 13-16 UT. S=9-10dB or -60dBm signal strength on sidelobe in Bavaria, southern Germany. 12 kHz wideband audio transmission [selected SDR options, span 12.5 kHz RBW 15.3 Hertz]  
(Wolfgang Bueschel, df5sx, wwdxc BC-DX TopNews Nov 4, DX LISTENING DIGEST)

## LATVIA

### \*\* LATVIA.

A letter from Andrei Nekrasov, coordinator of Radio Center.

Good afternoon, Anatoly! I was very glad to receive a letter from you with a question! This year, on March 22, Radio Center received permission for daily and round-the-clock broadcasting from Riga (Latvia) in Russian. At present, trial transmissions are being conducted on the old and legendary broadcasting frequency of our AM 1485 kHz station in order to determine the antenna tuning and radio signal passing towards Moscow and St. Petersburg. The last test program was held on October 24th. Next week it will be clear about the new tests.

In the future, for the implementation of regular round-the-clock broadcasting, we will use the frequency AM 1602 kHz. After that, due to various kinds of restrictions in Russia, we will completely stop our broadcasting in Moscow, leaving only one broadcasting studio behind us. You can also listen to us on the Internet. If you have any questions, I will try to answer them quickly. I apologize if there will be delays due to high employment. With respect and blessings, Andrew <http://www.radiocenter.net> (Rus-DX Nov 4 via DXLD) ``Off-Tsentr`` now

## LIBERIA

### \*\* LIBERIA.

6049.98 kHz – ELWA presumed to be the one here from 2042 tune-in to 2203 tune-out, with Christian sermons in African-accented English and gospel music. Initially poor, but grew to good by the end. There were announcements just past the top of each hour, but if there were IDs in there, I didn't pick them out (My ears aren't what they used to be) (Art Delibert, North Bethesda, MD, Ten-Tec RX-340, SAL-12 antenna, Nov 4, HCDX via WORLD OF RADIO 1955, DXLD)

Radio ELWA 6050 kHz (Africa Shortwave 49 meters band) Musics local and Men speak. 0806 UT 23 October 2018 <https://youtu.be/iCSNc5P7Uq8> RX: Yaesu FRG 8800 Antena: Dipolo Assimetric 42 Meters + Balun + 15 Meters coaxial

(Daniel Wyllyans, Sítio Estrela do Araguaia, Nova Xavantina MT, Brazil, Nov 5! Hard-Core-DX mailing list via WORLD OF RADIO 1955, DXLD)

## MADAGASCAR

### \*\* MADAGASCAR.

MADAGÁSCAR, 5010, R. TV Madagasikara, Ambohidrano, 1745-1758, 28/10. Francês; texto, música; 25331. 73, (Carlos L R de Assunção Gonçalves, Portugal, (efectuadas na costa sudoeste), DX LISTENING DIGEST)

### \*\* MADAGASCAR.

11965, Nov 3 at 2048, MWV APR in English hour is also VG here ex-17640, like 13670 ex-17640 has been at 18-19. 11965 continues on air for next broadcast in Portuguese, aimed souther and weaker at 2128 check, ending at 2157, then some dead air (Glenn Hauser, OK, WORLD OF RADIO 1955, DX LISTENING DIGEST)

## MALI

### \*\* MALI.

5995 e 9635 R. Mali, Kati, ausente, no período da observação 26 Oct to 01 Nov. 73, (Carlos L R de Assunção Gonçalves, Portugal, (efectuadas na costa sudoeste), 3 Nov, DX LISTENING DIGEST)

## MEXICO

**\*\* MEXICO.**

540, Nov 1 at 0046, ``La Ranchera de Paquimé`` on AM & FM, i.e. XETX with FM on 90.5, from Nuevo Casas Grandes, Chihuahua. I get this one more than XEWA or CBK!

550, Nov 1 at 0045, ``91.3, La Súper-Estación``, loops WSW. Of course it`s XEPL, Ciudad Cuauhtémoc, Chihuahua. Axually, I thought they said ``101.3`` which sounds rather similar in Spanish.

709.875, Nov 1 at 0048, tell-tale het against KCMO or KGNC, from the sometimes off-frequency alternate transmitter of XEDP, La Ranchera de Cuauhtémoc, Chihuahua. Still there at 0612 when I measure, 709.875? Yes, mwoffsets has it on 709.87 as of 2017-03-08.

870, Nov 1 at 0052 UT, XETAR music and YL DJ with 5:52 TC, about to close down daytimer at 6:00. La Voz de la Sierra Tarahumara, Guachochi, Chihuahua, at first atop WWL, then making fast SAH with it. I`m accustomed to hearing this around sunrise.

BTW, the UT-7 TC confirms Mexico beyond the US economic-influenced border cities, has sensibly now ended DST a week before USA; it would be even more sensible for both countries to abolish it.

These XEs logged following Kaz`s advisory instead to seek US daytimers to the west on the best night of the year before they must sign off much earlier from tomorrow

(Glenn Hauser, OK, DX LISTENING DIGEST)

**\*\* MEXICO.**

570, Nov 3 at 0251, ranchera music dominates, ``en BJB, tu música regional mexicana``, easily overcoming KLIF, DFW, which goes out every which way but north; i.e. XEBJB, Monterrey NL, non- direxional and looks like it will not abandon AM. ``Regional`` could mean anything, depending on what region

(Glenn Hauser, OK, DX LISTENING DIGEST)

**\*\* MEXICO.**

690, XEN Radio Centro, México, DF. 1130 November 1, 2018. Tune-in to truncated choral anthem at this weird time, male at 1132 ""... 690 AM... Radio Centro..." then he and female chattering and laughing, into a Mexi-tune. The former "La 69" and WRTVH lists the real transmitter site as at Tlalnepantla, Estado de México, not the DF (Terry Krueger, Clearwater, FL, IC-R75, NRD-535, longwires, active loop, DX LISTENING DIGEST) There is no more DF, anyway  
(gh)

**\*\* MEXICO.**

I suppose we cannot be sure of WRTH info. I find errors and omissions in it often, such as no 730 Ensenada BCN, Mexico station (XEESD? can't recall), yet they are fine here nightly --- now that KCBS has shut off their obnoxious hash carriers and now (alas) has presently adopted that phasey, tinny/echoey "megaphone modulation mode" like so many other news-talk stations that have dropped the hash sidebands and seemingly morphed into the "megaphone modulation mode" Thanks again, (Steve McGreevy, <http://www.auroralchorus.com> Natural VLF Radio and Travel, Nov 4, DX LISTENING DIGEST) 730 Ensenada XEEBC per 2015 IRCA Mexican Log

(gh)

**\*\* MEXICO.**

820, Nov 1 at 1241 UT, romantic music in Spanish over WBAP which a few minutes earlier had been dominant; 1242 canned YL ID as ``Canal ochocientos veinte, ABC Radio``, i.e. XEABCA, Mexicali BCN and back to more romx, a title starting with ``Amor ---``. Now I measure its SAH separation from WBAP at less than 1 Hz, 48 per minute or 0.8 Hz. My sunrise today 1255 UT  
(Glenn Hauser, OK, DX LISTENING DIGEST)

**\*\* MEXICO [and non].**

860, Nov 1 at 1247 UT, KKOW Pittsburg KS C&W is getting CCI in Spanish, but cannot mutually null them, i.e. close to opposite direxion. They both null at the same position, audiblizing French from CBKF-2 Saskatoon; see [CANADA](#). 1301 Mexican NA, short choral version, and 1303 ``XEMO, La Poderosa 860, música de recuerdo``, non-sign-on info with street address, website, and then prayer to María. XEMO is 10/7.5 kW from Tijuana BCN, which in fact is almost exactly opposite to here from KKOW, but six times further  
(Glenn Hauser, Enid OK, DX LISTENING DIGEST)

**\*\* MEXICO.**

Here is a list of 152 Mexican stations that have informed me (via Facebook message or email) that they have turned off their AMs. I believe the actual number of Mexican stations that have left AM is close to 600, but the 152 listed here have specifically told me that they have finished migrating to FM and turned off their AM.

It's possible that one or two individual stations may have answered my question incorrectly, but I believe this list is extremely close to 100% accurate. In a handful of cases, these old AM frequencies have been auctioned off to new licensees, so it is likely we will see new stations on a few of these channels in the years ahead. 73 Tim (Tim is currently updating our Mexican Log database – updated log will be available soon – pb) [we had his 150 station list a few months ago]

550 XEHL-0AX XEKL-VER  
 560 XEIN-CHIA XEQAA-QR00  
 570 XEUK-SON XEVX-TAB  
 580 XEUE-CHIA XEUAQ-QTRO  
 590 XEZZZ-CHIA XECJU-NAY XEBH-SON XEOM-VER  
 600 XEZ-YUC  
 610 XEEL-ZAC  
 620 XEBU-CHIH XECK-DUR  
 630 XEJR-GUER XEOPE-SIN  
 640 XEWM-CHIA XEHHI-CHIH XEYQ-ZAC  
 650 XERCG-COAH XECHH-GUER XEZM-MICH XEVSS-SON  
 660 XEYG-0AX  
 670 XEIS-JAL XEQG-QTRO XESIC-VER  
 680 XECHG-GUER XEORO-SIN  
 690 XECS-COL XEXL-MICH XEST-SIN XEAFA-VER  
 700 XERV-TAB XEVC-VER  
 710 XELZ-COAH XERK-NAY XEPS-SON  
 720 XEQZ-JAL XEVU-SIN XEAVR-VER  
 730 XEVF-CHIA  
 740 XECW-SIN  
 760 XEEB-SON  
 770 XEREV-SIN XEQRV-VER  
 780 XEZN-GJTO  
 790 XEBI-AGUA XEVA-TAB XEUP-YUC  
 800 XEUI-CHIA

810 XESB-CHIH XEMAX-COL XEHT-TLAX XEZC-ZAC  
820 XEYN-OAX  
830 XEIK-COAH  
850 XERTM-TAB XETQ-VER  
860 XEPLA-AGUA XEDB-CHIA XEHX-SON  
870 XEAMO-GJTO XELY-MICH  
880 XETC-COAH XERTP-PUEB  
890 XEFRT-CHIA XEPC-ZAC  
900 XEDT-CHIH  
910 XEACN-GJTO  
920 XEQD-CHIH XEHQ-SON  
930 XEU-VER XEQS-ZAC  
950 XECAA-AGUA XETUG-CHIA  
950 XECEL-GJTO  
960 XEUQ-GUER XEGB-VER  
970 XEMF-COAH XEEZ-SON  
980 XEJK-CHIH XENR-COAH XEXT-NAY XEQO-VER  
990 XEID-VER XEFP-ZAC  
1000 XEHPC-CHIH XEGQ-MICH XEMIL-SIN  
1010 XEKD-COAH XEVK-DUR  
1020 XE0U-OAX XEKH-QTRO  
1030 XELJ-JAL XETEK-A-OAX XEMPM-SIN  
1050 XEDC-AGUA XEVUC-COAH XETAB-TAB  
1080 XECN-GJTO XEXK-VER  
1090 XELB-JAL  
1100 XECAN-QR00 XEHTY-VER  
1110 XELE0-GJTO  
1120 XEGV-QTRO  
1130 XEMOS-SIN  
1140 XELIA-MICH  
1150 XEJS-CHIH XEXP-OAX XEQUE-QTRO  
1160 XEVW-GJTO  
1170 XEJTF-JAL XEZZ-VER  
1180 XEYA-GJTO  
1190 XESOL-MICH  
1200 XEAGA-AGUA  
1210 XEITC-GJTO  
1230 XEEX-SIN  
1240 XELM-CHIA XEBN-CHIH XEBQ-SON  
1250 XEJX-QTRO XETF-VER  
1260 XEJY-JAL XEQL-MICH XER-NL  
1260 XESA-SIN  
1290 XEFAC-GJTO  
1310 XEFH-SON  
1320 XENM-AGUA  
1330 XEBO-GJTO  
1340 XECI-GUER XEQE-SIN  
1370 XEUAA-AGUA XESV-MICH  
1390 XERW-GJTO  
1400 XEAC-AGUA XEOJ-MICH XEAB-SON  
1410 XEZHO-GUER  
1420 XEWE-GJTO XEAFQ-VER  
1430 XEOX-SON  
1460 XEJH-VER  
1480 XEXU-COAH  
1490 XESK-NAY  
1540 XENC-GJTO  
1580 XELI-GUER  
(IRCA DX Monitor Nov 10, published Nov 6, via DXLD)

**\*\* MEXICO. RAYMIE`S MEXICO BEAT this week --- including DTV = TDT**

There's a channel 9 in Tabasco again, and wouldn't you know it, it's Nu9ve.

The subchannel of XHVIZ jumped from 2.2 to 9.1 over the weekend, along with a bunch of stations that had Nu9ve on subchannels.

Worth noting here is that the move isn't complete and is, unusually, preempted by most of the local stations. On channel 9 are CORTV, XHSLS, XHUJED and XHY, all preempting the use of the channel in their areas. In Chiapas, the San Cristóbal and Comitán transmitters did not move to 9.1, though Tuxtla and Tapachula did.

In Culiacán, XHCUI now has 4, 5 and 9 major virtual channels (some FOR0tv feeds moved to 4.1).

An updated IFT virtual channel list would be useful right about now... (Raymie Humbert, Phoenix AZ, Oct 30, WTFDA Forum via DXLD)

There are two items of note in this list of HD Radio-authorized stations from the IFT, dated August 1:

<http://www.ift.org.mx/sites/default/files/contenidogeneral/industria/iboc010818.pdf>

-XHYZ Aguascalientes was cleared for HD on January 15. I do not believe it is on the air yet, but it would join Radiogrupo sisters XHUNO and XHUZ in the format. It was the first non-migrant, non-IFT-4 new HD approval in more than two years, preceding XHMSL Los Mochis (March 1) and XHQRT Querétaro (not listed here).

-The last two AM-FM migrants have confirmed callsigns.

As was reported here earlier this year, the allotment in Salamanca, Guanajuato is indeed 92.5, and the callsign is indeed XHSAG-FM.

The other station with no confirmed callsign was 95.5 in Puebla, which may become one half of Mexico's 28th duplicated callsign pair as XHHIT-FM.

(No, not XHHIT/Baja California, which is ALSO HD-cleared but does not use it!)

It is worth noting here that XHEMW-FM shows as "XHMW-FM", so this could be an omission

(Raymie, Oct 31, *ibid.*)

The IFT also decided today was a good day to scare up new VC and multiprogramming lists. There are some notable industry headlines:

-Telsusa will be mostly on 13. Six of their twelve stations were assigned the channel. Of the other six, two may not be able to use it right away (more on that later).

-The Garza Limón commercial stations in Durango were assigned channel 15. XHRTTS Tepic, however, left that virtual channel for 8. The last IFT-6 stations not associated with Telsusa (six more) or another IFT-6 station (read: XHRTNA) and lacking a VC assignment are XHCOSL Matehuala and XHFAMX Mexico City.

-The aforementioned Nu9ve changes. Worth noting: XHCUI with FOR0tv on 4 is unique nationally. Nu9ve is now considered a regional network in the VC list.

-There were no changes to the SPR callsigns. At least not yet.

One note is that XHCLV did not move to 9. The footnote saying the channel "isn't available" is almost identical to the one used for international coordination cases; the result is that XHCLV is stuck on 13 instead of 9 (affecting the Veracruz and Xalapa Telsusa stations). It sounds like something is blocking XHCLV from using 9.

XHCLV, like most Las Lajas stations, has a large service area. While its signal is shaded in Misantla, it can be received in most of the rest of coastal Veracruz from Tamiahua to Tlacotalpan. Its signal area, however, extends most deeply inland in the south. The primary conflict, and probably the one that blocks 9, is probably with CORTV, as the station's signal contour extends into Oaxaca in Tuxtepec, where CORTV has one of its 16 transmitters (XHJBT-TDT, more than 190 km away!). The IFT could conceivably change XHCLV's virtual channel to allow Telsusa to use its 13, however. The station had previously been broadcasting on virtual channel 16 prior to 13, and that assignment is not in use outside of Michoacán  
(Raymie, Nov 1, *ibid.*)

The IFT meeting on October 17 produced just one broadcasting-related item, but it's a good one if you like university radio in Guerrero. XHUTG-FM in Iguala succumbed to permit limbo before it even went on air in 2016, but the Universidad Tecnológica de la Región Norte de Guerrero has a shiny new public concession.

Additionally, with transcripts from October 3, we now know of another Article 90 clear. It is XHTVR-FM Tuxpan, Veracruz, which will move from 106.9 to 99.5.

The fines against the two Televisa stations (XHDE and XHMH) were for failure to publish their infrastructure information. XHDE didn't have it on its website or place a public notice in two national newspapers as required, while XHMH had the newspaper ads but failed to put the 2018-2019 OPI up on their site.

Televisora Potosina had already been fined in 2016, so it will pay 1,608,881.22 pesos (\$80,020). The fine for XHMH is 910,372.74 pesos, or \$45,280. Last edited by Raymie; 11-02-2018 at 02:06 AM  
(Raymie, originally Nov 1, *ibid.*)

It appears there was more substantial news on October 31, when according to reporting by Expansión,  
<https://expansion.mx/empresas/2018/10/31/ift-renueva-concesion-a-tv-azteca-por-20-anos> the IFT approved for the first time ever renewal of TV stations whose concessions expire on December 31, 2021.

The 12/31/21 date is the legacy of the original 2004 TDT policy, which had fixed that as the date of final shutoff. All television stations that agreed to the TDT Policy had their concessions extended to that date.

As a result, 555 TV stations have 12/31/21 dates. Among them are 450 commercial stations, representing all but five of the pre-IFT total\*; 101 public stations; and four social stations.

The renewal conducted (seemingly) yesterday is that of Televisión Azteca and Televisora del Valle de México, for a total of 178 concession renewals. The concessionaires represent the entirety of TV Azteca's national networks and XHTVM-TDT, respectively. The price is steep: 3.879 billion pesos, or nearly \$193 million, for a 20-year renewal taking effect on January 1, 2022.

In the next three years, the renewals of 377 stations will remain from the 2021 end date, including 272 commercial stations.

\*The exceptions are XEWH, XHKG, XHRCG, XHSDD and XHST. These stations must never have accepted the TDT Policy while it was active. Except for XHST (2031), they do not come up for renewal until 2029.

Edit 11/2: Televisa has announced it, too, secured its renewals on Wednesday.

<https://www.eleconomista.com.mx/empresas/Televisa-consigue-la-renovacion-por-20-anos-de-los-canales-2-4-5-y-9-de-la-CDMX-20181102-0044.html>

Last edited by Raymie; 11-02-2018 at 06:19 PM  
(Raymie, Nov 2, ibid.)

On November 1, some TV viewers in Nuevo León had to do a rescán. [https://twitter.com/jera\\_suarez/status/1058173907776217089](https://twitter.com/jera_suarez/status/1058173907776217089) The reason appears to be what I first mentioned two months ago: TV Azteca in Guadalupe, Nuevo León is now on high-VHF.

This might also explain why Televisa Querétaro had repack advisories dated for October 26 even though its main transmitters had already moved—remember, they have three V shadows  
(Raymie, Nov 3, ibid.)

You will rarely see me immediately go to have an article corrected after reading it, but there's a glaring mistake in an otherwise good article on pirate radio stations operating in Hidalgo. <https://www.jornada.com.mx/2018/11/05/estados/027n1est>

There are three in Zimapán: Vanadium La Minerita (101.5), La Picosita (103.1) and La Poderosa de Zimapán (105.5). Ixmiquilpan has one, Christian station La Luz del Valle on 105.9. Edificación Radio 103.1 began operating in Pachuca a year ago with religious programming. In Tizayuca, as has been mentioned here before, is Énfasis 98.3, which has been accused of being used to support a proposed incinerator to be built in town.

Unfortunately, despite getting its (community!) concession awarded earlier this year, La Brillante (107.7) incorrectly falls on this list. Somehow, the reporter couldn't find XHIXMI-FM (an actual callsign!). It might have made it on there because it was the subject of some criticism in 2015, along with the other Christian station in Ixmiquilpan, La Luz del Valle. At that time, a group of Catholic priests from the region made pleas to the IFT to have the stations dismantled, while the state's deputy secretary for religious matters said it didn't have the power to shut them down.

[tagline:] Este programa es público, ajeno a cualquier partido político. Queda prohibido el uso para fines distintos a los establecidos en el programa  
(Raymie, Nov 5, ibid.)

**\*\* MEXICO.**

6185, Nov 3 at 0201, NO signal from XEPPM; oh-oh. Already on standard time, should now be running until s/off circa 0600\*

(Glenn Hauser, OK, DX LISTENING DIGEST)

6185.002, XEPPM Mexico City is on air noted 2355 UT during 'walk' on 49 mb, S=4-5 here across the Atlantic in Germany. Oct 3rd [sic; Nov?] [selected SDR options, span 12.5 kHz RBW 15.3 Hertz]

(Wolfgang Bueschel, df5sx, wwdxc BC-DX TopNews Oct 21 [sic], sent Nov 4, DX LISTENING DIGEST)

6185, Nov 5 at 2356, something poor but S9 in Spanish, presumably XEPPM still active, and my previous note of no signal on 6185 an anomaly. Wolfgang Bueschel says he's also heard them

(Glenn Hauser, OK, DX LISTENING DIGEST)

## MONGOLIA

**\*\* MONGOLIA.**

Another target was 1431-Mongolia's BBC service at 1630, but with no signal received at all in the good propagation it seemed pretty odd. Only a few presumed peaks of 693-Bangladesh music eeked through horrible 690-KHNR splatter around 1645, and any hope of receiving 657-AIR (like in the Cook Islands) was smothered by a wicked combination of Pyongyang BS, a presumed Henan, and 650-KPRP splatter

(Gary DeBock, HI, Nov 4, IRCA via DXLD)

I think the last time I could monitor Mongolia 1431 kHz was in June, I don't think it has been operating since

(Mauno Ritola, Finland, Nov 5, IRCA via DXLD)

Thanks, Mauno, I remember seeing a post from Hiroyuki on DXing Info (Facebook) that the station seemed to be off the air, so expectations were not high. It's too bad that they decided to quit -- I think that during the recent enhanced conditions their signal could have made it to the west coast ocean beaches just before propagation dropped off

(Gary DeBock, IRCA via DXLD)

Gary, The 1431 transmitter may be off the air. I've tried for it several times on the KiwiSDR receivers at Daegu, Seoul, Cangzhou, Khabarovsk, and a couple Japanese sites, with no sign of it. The Seoul receiver seems to be picking up a jammer, Cangzhou has an unid Chinese station dominating, and the others only receive the Japanese stations. I'd expect to hear it at most, if not all, of those sites if it was on the air

(Bruce Portzer, WA, Nov 5, *ibid.*)

Bruce and Mauno, Thanks very much for the information about 1431-Mongolia apparently going dark. From the first DXing session here I knew that something was wrong, since they were a regular S9 signal around 1630 in the Cooks. Right now here in Poipu the frequency is a furball (as John B. would say) at the same time, even in great Asian propagation

(Gary DeBock, visiting HI, *ibid.*)

## MYANMAR

### \*\* MYANMAR.

5985, Myanmar Radio, 1241-1254, Oct 31. The Wednesday edition of "Say It In English" language lesson; a repeat of the same program I heard Oct 18, 2017 (Wed.); "Tom" bought a car privately three months ago, with no guarantee, etc. Reception last year was much better than today. Last year's clear audio <http://goo.gl/pnna8L>  
(Ron Howard, Calif., Etón E1, antenna: 100' long wire, WOR iog via DXLD)

## NETHERLANDS

### \*\* NETHERLANDS [non].

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" then general silliness and into DJ Dave Mason with oldies music and KBC Imports ads – Very Good Nov 4  
(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.

15720.10, Oct 31 at 2111, RNZI back on this band, only poor now. Most of their frequencies are slightly off  
(Glenn Hauser, OK, DX LISTENING DIGEST)

## NICARAGUA (non)

### \*\* NICARAGUA (non).

8989 usb. 11/2/18 2220z The El Pescador Preacher was nowhere to be heard, but the channel was alive with Spanish usb chatter. Many stations had good level sigs  
(Steve Zimmerman in wildlife refuge near Big Bend, WI. ICF2010 and active whip in tree, WOR iog via DXLD)

## NIGERIA

### \*\* NIGERIA.

9690, Voice of Nigeria; 1817-1830+, 11/1; M&W "VoN" news cmtrys. 1820+ "Here is a political tid-bit", re People's Democratic Party. 1828+ Nigeria promo & VoN ID with flute & drum. 1829+ "Today in History". All in English, some heavily accented. SI0=3+43 with brief pulse burst QRM  
(Harold Frodge, Midland MI, USA, Drake R8B + 185' RW, ----- All logged by my ears, on my receiver, in real time & without the aid of a computer! -----, DX LISTENING DIGEST)

9690, Voice of Nigeria, Ikorodu, 1800-1820, 02-11, English, ID "Voice of Nigeria", news, comments. 1807. 32322

(Manuel Méndez, Lugo, Spain, Logs in Lugo, Tecsun S-8800, cable antenna, 8 meters, WOR iog via DXLD)

I=2 QRM from what? That was Friday, so Spain should not have been on that early

(gh, DXLD)

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

11580, Friday November 2 at 1350, WRMI with dead air instead of Radio Nigeria, Kaduna, just when last week it was Qur`aning. Monitored straight thru until 1500\*, nothing but dead air, except for truncated 10-second ToH WRMI Rudy legal IDs in English, auto-firing just before 1400 and 1500. They were made as brief as possible, since RNK allowed no time for US IDs to be inserted (Glenn Hauser, OK, DX LISTENING DIGEST) See also [USA](#): WRMI; by Nov 9, all 11580 RN,K entries on WRMI schedule deleted

(gh)

## NORTH AMERICA

\*\* **NORTH AMERICA**.

6975 (AM mode), UNITED STATES (Pirate), X-FM at 0215

(at tune-in) with Warren Zevon/Werewolves London. 0220: D.F. the Reaper (with light cowbell). Edgar Winter/Frankenstein, 0230: 80s Heavy metal band (Sounded like Scorpions but not). 0235: M announcer thanking listeners for tuning in, long list of shoutouts, call-in clips. 0239: Song with man talking over repetitive piano music (reminiscent of Color my World/Chicago if done by Lou Reed - but was not). Went on until sudden shutdown at 0243. SIO 444 mostly, but Murphy's Law had the signal up during music more than when the announcer was speaking - Good Nov. 1 (Rick Barton, Arizona SW Logs, Grundig Satellit 205(T.5000) & 750; HQ-180A & HQ-200; RS SW-2000629, & ATS-909X with various outdoor wires. Use of portables noted where relevant for perspective on signal strength comments, WOR iog via DXLD)

## NORTHERN MARIANA ISLANDS

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

Will and all, Thanks for your replies last week. Have any replacement transmissions been arranged? Here`s one report I got which I assume must really be from somewhere else, if it`s really RFA:

``MARIANAS: 9455 Radio Free Asia (p); 2109, 10/31; M&W in CC well over crash & bang jammer. New for B18 (Frodge-MI)``

Can you send some more photos showing the damage? Has there been any press release from USAGM about this? Not that I have seen. Thanks, (Glenn Hauser, via DXLD)

Glenn, The two sites are still off line. NCC has already started placing broadcasts where they can per released op memos. Needless to say, our hands are quite full and we will progress through recovery as soon as we are able (William S. Martin, USAGM (formerly BBG), Station Manager, Philippines & CNMI, Nov 2, DX LISTENING DIGEST)

OK, would appreciate details of replacement transmissions, at least with frequency, time, service, language, new site (Glenn to Martin, Nov 2, via DXLD) No reply from him or anyone USAGM (gh) See [ASIA](#) [non]

## OKLAHOMA

\*\* [OKLAHOMA](#).

930, UT Sat Nov 3 at 0242 UT, silly ballgame in English; on the E-W longwire, I wonder if it's not WKY, until they mention HS teams Irish vs Carl Albert, the latter being an Okie. Then DF on the DX-398 confirms it's merely WKY OKC, which is supposed to be ESPN-D in Spanish. But these guys speak English without an accent (other than Okie)! WKY doesn't hesitate to run ads in English either, amid Spanish programming. So don't be fooled if you hear English on 930.

I remain amused by the coincidental fact that all three call letters are the least-Spanish in the alfabet. Fortunately they are retaining the legacy call rather than replacing it. E. K. Gaylord could never have imagined how his pioneer station would wind up (Glenn Hauser, Enid, DX LISTENING DIGEST)

\*\* [OKLAHOMA](#). Periodic update on Enid stations as of November 1:

530, `K530AM` Vance AFB TIS remains off the air for months now, altho sometimes I think I have a very weak carrier.

1390, KCRC, 1/1 kW, continues to put big spurs causing hets circa 30 and 60 kHz above and below: 1330, 1360, 1420, 1450. The two closer ones have plenty of modulation, all messing up KS and OK legit stations.

88.3, Family Radio satellator K202BY, remains on the air for months now with dead air.

RF 17, K17JN-D, Three Angels satellator continues with activity on 17-1, 17-3, and 17-5, black/silence on 17-2, 17-4, 17-6 (Glenn Hauser, OK, DX LISTENING DIGEST)

\*\* [OKLAHOMA](#).

KWTV must be getting close to repack QSY from RF 39 to RF 25. At 0350 UT Oct 31, glimpsed a promo for <http://rescanoklahoma.com>

Altho obviously sponsored by KWTV-9, site provides only generic info about the need to rescan, no explanation of what is really going on! It's not that simple. Depending on tropo conditions when you do it, you could gain unexpected channels, or lose old channels due to CCI! What you need is a DTV/STB that lets you manually add and delete channels --- one of my TVs does not, requires autoscanning only, to my chagrin.

25 is always on but too weak to decode whether it's still color bars or KWTV programming already. IIRC, not allowed to // program both at once. They better get up to full power on 25 before abandoning 39, lest they lose a lot of viewers in the fringe area!

RF 25, Nov 1 after 0335 UT during Colbert, on a different antenna, I am now getting KWTV OKC duplicating 9.1 and 9.2 on new channel, as well as old RF 39. Apparently there is another month before they must close down 39; and duplication is OK contrary to my previous IIRC.

RF 39, Nov 4 at 1607 UT, KWTV during `Face the Nation` is running a crawler saying that Nov 27 is the deadline for rescanning to avoid losing KWTV and CBS programming. Not running it later during Joel Osteen gospel huxter and NFL when there is plenty of other clutter abottom.

But KWTV repack channel, RF 25, now displays this notice, snapped at 1640 UT November 4, but which flashes on for a few seconds at a time, otherwise NO SIGNAL, even tho meter is steady on the BAD side:  
<http://www.w4uvh.net/KWTV25TEST1.jpg>

``IF YOU HAVE RESCANNED AND ARE ABLE TO READ THIS, YOU HAVE SUCCESSFULLY RESCANNED / DUE TO FCC CONSTRAINTS KWTV 9.1 AND 9.2 PROGRAMMING WILL BEGIN NOVEMBER 19TH ON THIS CHANNEL``

Why don't the dates match? Will there in fact be duplication Nov 19-27 before 39 is finally QRT?

PSIP now labels RF 25 as 9-3, and 9-4 is also transmitting with same screen. On both my external antennas, the RF25 signal remains markedly weaker than RF 39, boding ill for the future of KWTV reception here in the fringe, unless they still have upgrades to complete.

Replies to my previous post about this, Nov 1/2 on the WTFDA gg:

- Trip Ericson of <http://www.rabbitears.info> says about <http://rescanoklahoma.com> -

``That page looks like it was set up to encourage people to rescan when KSBI added 52-2 through 52-5 [when was that?? gh]. I've been told the simulcast on 25 is temporary as a part of testing, and will revert to the color bars in another day or two until the transition date at the end of November.``

Jim Thomas, Springfield MO: ``The idea about NOT simulcasting programming on the repack channel is a BIG JOKE. KRBK 49 Springfield Missouri just repacked to RF 22 on Wednesday of this week. The RF 22 transmitter had been on since Tuesday of last week. They turned off the RF 49 transmitter at noon on Wednesday. The entire time both channels were running live Fox programming. A color bars screen was NEVER observed on RF 22. What is the FCC going to do about stations doing this? Nothing, IMHO. I think the FCC has bigger things to \*worry\* about``

(Glenn Hauser, Enid, DX LISTENING DIGEST)

Glen[n], Local stations have been carrying the same programming on two channels at the same time when they are changing to another channel. This was done by both WLVT 39 and WFMZ 46(69) Allentown when they were moving to channel 9 with WBPH Bethlehem, PA. Also WFMZ had purchased KJWP 2 Wilmington, DE/Philadelphia and they had some of their subchannels on 46, 9 & 2 at the same time. WVIA 41(44) Scranton was on 41 and the WNEP transmitter on channel 50 at the same time as well. WVIA moved to 50 and turned off the 41 transmitter. I suspect that there isn't any FCC requirement to not have the same programming on two channels at the same time

(Bob Seaman, Hazleton, PA, Nov 3, WTFDA gg via DXLD)

Of course this was common during the original DTV transition with temporary channels, but I thought the rule is different now  
(gh)

Glen[n], I just re-read Doug Smith's message that was sent Sept.25, 2018 and apparently the FCC doesn't want stations to have the same programming on two channels at the same time. I don't see why they have a problem with that. The viewers have to be able to rescan their TVs or tuners to be able to receive the "new" channel. What difference does it make if they have the same programming on two different channels at the same time? I think the FCC should worry about a lot of other issues like channels from "different markets" that are on the same channel that interfere with each other and FM translators that are interfering with the full power station's signal on the same frequency, etc.

(Bob Seaman, Nov 4, WTFDA gg viaDXLD)

\*\* **OKLAHOMA.**

Enid 33 KUOC-LD Requests STA for this channel, 750 watts vs. authorized 5kw

(FCC TV News by Doug Smith, Nov WTFDA VHF-UHF Digest via DXLD)

Hi Doug, From your Nov column, another ``impossible`` (or ``implausible``) CP/APP, for channel 33 in Enid. Even if it's really somewhere else, that's out with KOCB OKC full power on 33 and staying there. Nor has KUOC ever been seen on channel 48 where licensed.

Speaking of 48, haven't seen KOCY-LP OKC in several months now even when area tropo is up, so suspect the last NTSC around here is gone.  
73,

(Glenn to Doug, via DXLD)

The authorized site for KUOC-LD is 36-07-52N/96-04-14W (that's both their most recently licensed site for channel 48 and their granted displacement site for channel 33). It's still listed as Enid but the coordinates are between Sand Springs and Tulsa. [which is far enough away from KOCB-33 OKC]

KOCY-LP has a permit to convert to digital on channel 14. 15 kW and the same site as is authorized for their analog operation on channel 48. I think that's the tower used by FM stations KOMA (92.5) & KJY0. (102.7)

(Doug Smith, TN, DX LISTENING DIGEST)

## PAKISTAN

**\*\* PAKISTAN. Pakistan's diplomacy in a post-broadcast era**

Implicit in the discussion of revamping PTV is the idea that broadcast transmission model will remain relevant in today's day and age

Umar Farooq Khan  
November 2, 2018

<https://dailytimes.com.pk/317552/pakistans-diplomacy-in-a-post-broadcast-era/>

In one of his recent press conferences, Information Minister Fawad Chaudhry laid out his vision of how he wanted to utilise government media for building a positive image of Pakistan abroad.

Along with structural and capacity building reforms, he expressed his desire to bring Pakistan Television (PTV) upto international standards of news channels with the likes of British Broadcasting Channel (BBC). This discussion comes at a very opportune time. Now more than ever, Pakistan needs to reach out to regional and international audiences and convey its point of views on important issues. And for this to happen, effective mediums for reaching target audiences is a daunting task.

Implicit in this discussion of revamping PTV is the idea that broadcast transmission model will remain relevant in today's day and age. Many scholars believe that this simplistic shortwave transmission model may not be viable for a digitalised, post-broadcast era we are living in.

For starters, shortwave faces intentional disruption from receiving countries for censorship purposes. The signal also faces disruptions from battery powered bikes which are ubiquitous in urban spaces in many countries.

While there is no denying the fact that public diplomacy through international broadcasting has been taking place for decades such as BBC or CNN but it is not feasible in today's digital age. For Pakistan's public diplomacy efforts to be effective, it needs to come up with a more flexible, interactive and diffusive model which would be more adept at finding solutions to challenges facing public diplomacy.

Advancement in technology is one of the reasons for the need for such an unprecedented shift. The world has truly entered the post-broadcasting era. While many countries still do not enjoy extensive internet coverage but for the most part, majority of the countries are highly digitalized. Majority of the people in these countries access audio and visual content through online platforms which is directly delivered to their smartphones. The government needs to think beyond the traditional ways of content delivery to be truly effective. This would include mediums such as digital tv shows, podcasts, vodcasts etc.

Another reason for this change is social. The number of Pakistani migrants around the world has grown greatly. According to the Migration Policy Institute, around 453,000 Pakistani immigrants live in the United States alone, with high levels of education and household income on average than in the general US population. These people routinely travel back and forth to Pakistan. Their media consumption practices also vary. There is a high level of overlap and interface between what they consume in the US and Pakistan.

Advancement in technology is one of the reasons for the need for such an unprecedented shift. The world has truly entered the post-broadcasting era

This development increases the potential of diasporic ethnic-language media as an effective instrument of public diplomacy on behalf of Pakistan. The current government in Pakistan has made pledges to engage Pakistani diaspora around the world but so did the previous governments and very little was done towards this end. This is an untapped opportunity for Pakistan's public diplomacy which should be used properly. [INS: :INS]

As part of this changing transmission model, the government should also concentrate on narrowcasting, as the strategy for content development.

This means that while a country-specific approach will be increasingly used but the government should also think over how to use various approaches together to target one particular country/region. A one size fits all approach will no longer work.

Pakistan's public diplomacy initiatives have so far ignored this area. It is time that the Government takes full advantage of diasporic ethnic-language media as a gateway to tell Pakistan's story to all parts of the world. For this to happen, a paradigm shift in how we look at diplomacy is required. Public diplomacy is no longer a small subject in International Relations but a multi-faceted field of study which derives from other subjects such as communication studies, business studies, and cross-cultural studies.

Pakistan's exercise of public diplomacy and soft power have been used as mere buzzwords by scholars and practitioners but very little has been done to really delve into this area with all its nuances and intricacies. The new Government would be wise to utilize the required resources towards this goal.

The writer works for Islamabad Policy Research Institute (IPRI)  
Published in Daily Times, November 2<sup>nd</sup> 2018  
(via Mike Cooper, DXLD)

## PAPUA NEW GUINEA

### \*\* PAPUA NEW GUINEA.

3260, NBC Madang, Maus Blong Garamut (Voice of Indigenous Drums), 1008+, on Nov 3. Indigenous drums and chanting / singing (fairly rare to hear this type of music here); 1107, Jackson 5 "I'll Be There"; better than normal reception. My audio of indigenous drums/chanting - <http://goo.gl/nwGpWP> Sounded similar to music of native American Indians!

(Ron Howard, Calif., Etón E1, antenna: 100' long wire, WOR iog via DXLD)

## PERU

### \*\* PERU.

4940, Radio San Antonio - Peru (REATIVADO) Músicas e locutora local. A 2 dias escuto e hoje o ID 2337 UT Dia 26 Outubro 2018 <https://youtu.be/FgxPpA7ITVg> Video original ao vivo:

[https://m.facebook.com/groups/1153655714678249?](https://m.facebook.com/groups/1153655714678249?view=permalink&id=1991804277530051)

[view=permalink&id=1991804277530051](https://m.facebook.com/groups/1153655714678249?view=permalink&id=1991804277530051)

4940 Peru is ON 2213 UT Today and Day by day. Last days. Nov 2. RX: Yaesu FRG 8800 Antena: DS SWL DL Dipolo Assimétrica 42 metros + 15 metros Coaxial

(Daniel Wyllyans, Sítio Estrela do Araguaia, Nova Xavantina MT, Brasil, Hard-Core-DX mailing list via WORLD OF RADIO 1955, DXLD)

4940 kHz R. San Antonio (tentative), 02.Nov.18 2220 UT,C, songs in Spanish, OM: talk. 15321 (using a Tecsun E-805 phone). Rx: KiwiSDR + Mini Whip Antenna (PA0RDT Standard) - located in São Bernardo SP BRAZIL Tks, Daniel!!!! (Rudolf Grimm, São Bernardo SP, BRAZIL GG66rg <http://dxways-br.blogspot.com> Hard-Core-DX mailing list via WORLD OF RADIO 1955, DXLD) é dizer:

4940 kHz, Rádio San Antonio (tent.), Villa Atallaya, espanhol, 02/11 2220. Canções em espanhol e locução por OM. 15321. Sinal chegando aqui muito fraco, ouvido com o auxílio de um fone de ouvidos. A dica desta estação estar no ar agora veio do Daniel Willians [sic], Nova Xavantina MT, que, segundo ele, a ouve com melhores condições do que as que tenho por aqui

(Rudolf Grimm, SP, radioescutas yg via DXLD)

## ROMANIA

### \*\* ROMANIA.

11825, RRI (Tsiganeshti). 1215-1240 1 Nov. One of the better signals on 25 this morning in English with news, features.

11945, RRI (Galbeni). \*1257-1300+ 1 Nov. IS, opening announcements in Romanian all over the closing remarks from RBA, leaving RRI's Arabic programme in the clear

(Dan Sheedy, Moonlight Beach, CA, Eton-Grundig 'Executive Satellit'/6m X wire, DX LISTENING DIGEST)

9485-9490-9495, Nov 2 at 2205, DRM noise. HFCC shows RRI, 2200-2300 in Spanish, 90 kW, 247 degrees from Tsiganeshti to CIRAF 14. Not to be confused with Cuban overrun jamming caused by Radio República (Glenn Hauser, OK, DX LISTENING DIGEST)

## RUSSIA

### \*\* RUSSIA.

Russian Military Radio on CW --- Hi Glenn! In tuning on the Web SDR from the UTwente site, I ran across some morse code on 4438 kHz at 1440 GMT on 11-4; running it through a decoder netted a 5-letter code transmission apparently to station RIQ83 from RMAE. This page:

<https://planesandstuff.files.wordpress.com/2018/11/ciscallsigns.pdf> lists those calls as Russian Military, with RMAE in the Baltic Fleet. Heard a little audio up around 4440 a little later, but couldn't understand the language. Hope things are going well!

(Eric Loy, Danville IL, DX LISTENING DIGEST)

### \*\* RUSSIA.

On November 1, at 0415 UT, PRPs were transmitted at 5775 kHz in CW mode (coastal warnings) Novorossiysk communications center: "... ric de rcv ...". Previously this information Received at a frequency of 5854 kHz

(Pavel Ivanov, Belgorod, Russia / "deneb-radio-dx" & "open\_dx", Rus-DX Nov 4 via DXLD)

### \*\* RUSSIA [non].

DEPARTMENT OF JUSTICE SUED BY FLORIDA COMPANY THAT WANTS TO BROADCAST RUSSIA'S SPUTNIK RADIO

A middleman buys U.S. radio airtime and sells it to Russia.

<https://www.newsweek.com/florida-company-broadcasts-russias-sputnik-radio-sues-department-justice-1190138>

By Cristina Maza On 10/29/18 at 8:00 AM World International Affairs

A U.S. broadcasting company based in Florida is suing the Department of Justice for requiring that the media company register as a foreign agent under the Foreign Agents Registration Act (FARA).

According to the Department of Justice, RM Broadcasting LLC, a company operating out of Jupiter, Florida, is required to sign up as a foreign agent because it broadcasts the Russian radio program Sputnik.

**FARA requires that U.S. individuals or entities register with the government if they are doing political, public relations or financial work on behalf of foreign individuals or entities. The Department of Justice claimed that RM Broadcasting acted as a "publicity agent" and "information-service employee" for the Russian state-owned media company Rossiya Sevodnya. But RM Broadcasting argued that the arrangement was only a run-of-the-mill business deal that did not qualify as propaganda or promotion.**

**The dispute culminated in a lawsuit that was filed against the Department of Justice on October 19 in Florida's federal court.**

**"RM does not create, provide, or have any direct control over the content of the programming, and does not possess the authority to exercise editorial control over the programming," RM Broadcasting owner Arnold Ferolito's lawyer Nicole Waid argued in a letter to the Department of Justice.**

**"RM does not act as an agent, representative, employee, or servant of Radio Sputnik, Rossiya Segodnya. The contractual relationship between the two parties solely consists of the availability of radio airtime between Radio Sputnik and an FCC licensee," the letter continued.**

**gettyimages-873156498-594x594**

**The Moscow headquarters of Russia's Rossiya Segodnya state media group, which runs the Sputnik news agency RM Broadcasting, on November 12, 2017. A company operating out of Jupiter, Florida, is required to register as a foreign agent because it broadcasts the Russian radio program Sputnik, according to the Department of Justice. Kirill Kudryavtsev/AFP/Getty Images**

**In an email to Newsweek, Waid said that RM Broadcasting did not want to register as a foreign agent because the company "fundamentally disagrees with the government's interpretation of the definition of an agent of a foreign government." She also cited privacy concerns.**

**"There are consequences to registering as an agent of a foreign government. First, you relinquish your 4th Amendment rights. The government has the ability to inspect your books and records at any time (including financial statements, emails, etc.). Second, the confidential terms of your business contracts are no longer confidential. The service agreements are posted online with all financial information regarding the business transaction (except bank account information regarding wire transfers)," Waid wrote. "Thus, registering can have a significant detrimental impact on business operations."**

**Nevertheless, court documents revealed that the company was doing a type of public relations work for Sputnik International. In a letter addressed to Sputnik representative Anton Anisimov, Ferolito wrote that the company wanted to provide "proper PR and advertising opportunities" for the Russian media outlet.**

**The broadcasting company shared with the Department of Justice copies of its contract with Sputnik. However, it denied the government's request to provide copies of all communications with Radio Sputnik and its parent company Rossiya Segodnya, which is owned and operated by the Russian government.**

**"We respectfully submit that this request is overbroad, unduly burdensome, and unnecessary," the lawyer's letter read.**

Reston Translator, another U.S. company that broadcasts Sputnik, registered as a foreign agent last year. But unlike Reston Translator, which broadcasts radio programs, RM Broadcasting only buys airtime for radio stations and resells that airtime to companies like Sputnik. Legal experts said that subtle difference could be debated in court, because FARA law is not well defined.

The outcome of the case could have a significant impact on how FARA law is interpreted going forward, according to experts.

“The statute is so far-reaching and sweeping, and many terms are not well defined. This leaves room for interpretation. They are arguing about control, about whether there is agency and whether the Russian government can direct or control their activity. These inquiries are very fact-specific, and there is gray area, so it does give the parties an opportunity to argue their case,” Tessa Capeloto, a lawyer and expert on FARA law, told Newsweek. “Depending on what happens, it could impact how DOJ interprets control and agency, and it could impact future registrations and how DOJ applies the law.”

FARA was a little-known law until recently, when several high-profile cases snagged former Trump campaign officials for acting as unregistered foreign agents for Ukraine and Turkey. Earlier this year, President Donald Trump's former national security adviser Mike Flynn pleaded guilty to acting as an unregistered foreign agent for a Turkish company with ties to Turkey's government. In August, former Trump campaign chairman Paul Manafort and his associate Sam Patten were also charged for working on behalf of Ukraine.

Before 2018, only a handful of FARA violations had been prosecuted in the years since the law was enacted in 1938 to counter Nazi propaganda efforts. In 2016, an audit of FARA conducted by the Justice Department's Office of the Inspector General found “widespread delinquencies” in compliance rates.

gettyimages-995204464-594x594

Following a pre-sentencing hearing, Michael Flynn, former national security advisor to President Donald Trump, departs the E. Barrett Prettyman United States Courthouse in Washington, D.C., on July 10. Aaron P. Bernstein/Getty Images

But FARA law has gained a new lease on life ever since special counsel Robert Mueller opened his investigation into foreign election interference in the aftermath of the 2016 elections, and foreign media companies have been thrust into the spotlight. In November 2017, Russian media companies RT and Sputnik officially registered as foreign agents in response to a request from the Department of Justice. In September 2018, the department demanded that two Chinese media companies do the same.

Nevertheless, many legal experts and law enforcement agents are confused about what constitutes a FARA violation and when someone is obligated to sign up as a foreign agent. In the case of RM Broadcast, the company's lawyers argued that it was not acting as a foreign agent by simply honoring a contract with Sputnik.

RM Broadcasting is ultimately a one-man show run by 75-year-old Arnold Ferolito. According to documents submitted to the Department of Justice, Ferolito is originally from the Bronx, New York, and now lives in semiretirement in Florida. His wife, Olga, is a naturalized U.S. citizen originally from Russia.

"Mr. Ferolito travels to Russia to visit family and for business purposes, but he does not participate in any activity that promotes Russian interests or values," documents submitted by Ferolito's lawyer read.

Last year, Ferolito brokered a deal with the AM radio station WZHF that made Sputnik the only program available on the Washington, D.C.-area station. That likely caught the attention of federal investigators who were looking to curb foreign influence through FARA enforcement.

But the U.S. government had its eye on RM Broadcasting for years before the deal with WZHF. In 2013, the Justice Department's counterintelligence unit asked the company to describe all services it provided from Kremlin-linked entities. In that case, the government was interested in the company's ties to the outlet Voice of Russia. RM Broadcasting's relationship with Voice of Russia was terminated in 2014.

Update (10/29): This story was updated to include comments from Ferolito's lawyer (via Benn Kobb, WOR iog via DXLD) see also [LATVIA](#)

## SAUDI ARABIA

### \*\* SAUDI ARABIA.

9650.037, Oct 31 at 1817, JBA carrier off-frequency. Aoki has nothing but Guinea at this hour, but never noted them that far off. HFCC has no Guinea, but Riyadh, 100 kW ND at 1400-1800 in Arabic, so likely that extended. IIRC there was also a 9650 radio war with Iran in A-18 at some hour, but VIRI not scheduled in B-18.

9675, Oct 31 at 1819, Turkish at S9-S7, the SS0B! except for 9475 WTWW. This one is definitely Riyadh as scheduled 1800-2057, 500 kW, 340 degrees Turkward and also USward. I bet the Saudis have a few things to say to the Turx

(Glenn Hauser, OK, WORLD OF RADIO 1955, DX LISTENING DIGEST)

### \*\* SAUDI ARABIA [and non].

New channel (for me) for Holy Qur'an service on 7425, 4 Nov 2018 / 2000 UT. Registered 1900-2300. Strong, with Bible Voice from Moosbrunn weak in the background (until 2015) and some splatter from 16 kHz wide CRI on 7415. // 11915(fair), 11820(strong). Still going on at 2210 UTC with HQ.

New channel (for me) for General Service on 9650, 4 Nov 2018 / 2037 UT. Registered only 1400-1800, but still active. Call-in program in Arabic, strong with Conakry weak in the background. // 9555(very strong), 9870(strong). Gone at re-check at 2206. 73,

(Eike Bierwirth, Wiesbaden / Germany, Perseus SDR, DX-10 pro active antenna on balcony, WOR iog via DXLD)

### \*\* SAUDI ARABIA.

11745, Al-Azm Radio at 1928 in Arabic with Islamic Call to Prayer – Fair Nov 1 – Operated by the Ministry of Culture and Information using Saudi Broadcasting Authority transmitters beamed to Yemen and southern Saudi Arabia for military personnel serving there

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

## SOLOMON ISLANDS

### \*\* SOLOMON ISLANDS.

5020, 1923 UT ID, commercials, English. ID as "SiBC, Voice of the Nation". SINPO 34334. Receiver QTH Brisbane, Australia (KiwisDR) (Richard Cuff / Allentown PA, Nov 2, ODXA YG via DXLD)

## SOMALILAND

### \*\* SOMALILAND [non].

7120-LSB, Oct 31 at 0334, unID SS ham benefits from R. Hargeisa still silenced; couldn't they just go to a proper SWBC frequency? (Glenn Hauser, OK, DX LISTENING DIGEST)

## SOUTH CAROLINA

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

7490.19, WBCQ Monticello ME (presumed); 2204, 11/1; Blow-Hard Bro. HyStairical, "If you don't repent you will go to Hell." (I have to pent again? I've been to Hell. It's just south of Pinckney, where it's always been.) SI0=4+54-

(Harold Frodge, Midland MI, USA, Drake R8B + 185' RW, ----- All logged by my ears, on my receiver, in real time & without the aid of a computer! -----, DX LISTENING DIGEST)

## SPAIN

### \*\* SPAIN.

9690, REE with their FIRST reactivated English service -- Spanish intro and ID at beginning, 1/2 hour English "Panorama" programme, with news about the Brazilian Presidential election, the Airline crash in Indonesia killing all 189 on board, and Angela Merkel announced she will resign as party leader in Germany. Then longer item re the Tree Of Life Synagogue shooting in Pittsburgh PA and the mail bombs and shooting in Louisville KY. [WHY can't we all just get along?] Intro/ID attached in .mp3 format.

Into French at BoH but it was starting to fade by then. At first, it was 4+4+444 but down to 3+4443+ by BoH. They might need to consider a lower frequency! BUT, it was GREAT to hear them in English again! This is three days a week only M W and F. 2300-2335 29/Oct SDRplay +SDRuno +ANC-4 +randomwire

(Kenneth Vito Zichi, Williamston MI, WOR iog via DXLD)

9690, Tue Oct 30 at 2313, REE S9+10 with rock music, 2315 Castilian announcement --- NOT in English like debut yesterday at 2300. 2330 timesignal and into French, YL and music; by 2352 fading down with flutter, S9 to S5. At 0000 UT Wed Oct 31 I can barely tell it has switched to Portuguese. By 0333 I can't hear anything on 9690, so can't confirm whether it's really on until 0400 including an English repeat at 0300. REE needs a better understanding of basic propagation, like using a lower band to us on winter nights!

Turns out that unlike other languages, English is scheduled on M/W/F only. Dave Kenny, BDXC-UK, also heard the first one saying that it repeats at 0300 following UT days (altho 2300 UT is already the next day locally in Spain with its wacky advanced timezoning). Dave:

``This is confirmed by the online programme schedule which also give the times of some of the other languages

<http://www.rtve.es/radio/radio-exterior/programacion/>

(NB this schedule is in Spanish time - subtract one hour for UT)

The repeat English broadcast at 0300 needs confirming as according to REE's earlier frequency announcement shortwave broadcasts stop at 0300, although HFCC shows 9690 continuing until 0400.

The English programme can be downloaded at

<http://www.rtve.es/alaharta/audios/emision-en-ingles/>

This confusingly states "English Language Broadcast Martes, jueves y sábadó da las 23.00 horas UTC y las 03.00 horas UTC"``

Note that the full schedule does not give any program titles for English; despite my monitoring confirmation of Russian at 1800 UT, it claims Portuguese instead of Russian at 19h HOE; and Sefardi is weekly, only Sundays at 2230 UT.

The English archive briefly gives the topic of each one; note that all are a bit over 30 minutes long, a few much over, like 34, 37, 41. This may be inconvenient to fit into SW slots

(Glenn Hauser, OK, WORLD OF RADIO 1955, DX LISTENING DIGEST)

I was surprised to read Russian reported on Monday, October 29 at 1800. I have spent several hours to check the new programme line up on that day, and I still think I had Portuguese.

181029 12030 1615 2910 E REE Sp Africa hoy 45444 überwiegend Wort, afrikanische Musik als Rausschmeißer

16.30 Uhr: Asia Hoy Klimawandel in Mongolia als einziges Thema

17.00 Uhr: RNE Servicios Informativos. 1705 En clave turismo

17.30 Uhr: Radio España.com en Radio Exterior de Espana

1730+1800 11685 nichts. 12030 nur noch schwach

18.00 Uhr: Emissão em Português/Brasilianisch

18.30 Uhr: Europa abierta

Merkel als opener, Wahlen in Brasilien, Sommerzeit. Merkel eigentlich Thema der ganzen Sendung.

Today, 5 November, I was busy with other things, but when I checked the online stream for some minutes, it was in Portuguese as well.

The programme line up monitored complies with the line up given at <http://www.rtve.es/radio/radio-exterior/programacion/> although this schedule is in Madrid time (CET/UTC+1),

(Dr Hansjoerg Biener, 5 November 2018, DX LISTENING DIGEST)

9690, REE Spanish intro and into English Panorama Plus show with lots of news & features re the Middle East, Yemen etc. Well done with some 'out of the ordinary' perspectives. Started out really good, 4+4+4+4+4+ but by 2315 it had started to fade, & by the BoH when they switched to French it was down to 33+3+43 and it just kept getting worse. 2255-2335 31/Oct SDRplay +SDRuno +ANC-4 +randomwire  
(Kenneth Vito Zichi, Williamston MI, WOR iog via DXLD)

**Re: REE resumes foreign languages on SW --- Nothing here in Yorkshire from REE on 9690 or 12030, no short skip today perhaps?**

**(Chris Sentance, UK, 2317 UT Oct 31, BDXC 2178, BDXC iog via DXLD)**

**9690, Nov 1 at 0010, REE fair in Portuguese to North America. Presumably also to S America on 11940, inaudible**

**(Glenn Hauser, OK, DX LISTENING DIGEST)**

**9690, Radio Exterior Espana; 0256-0305\*, 11/1; Tune-in to SS vocal; ToH pips/tone/IS, brief SS announcement & IS continued to s/off; no English program. S6+ peaks above QRN.**

**9690, Radio Exterior Espana; 1902, 11/1; M&W w/news in Spanish. Well over two co-channel sigs, one music, one talk; Nigeria in English supposedly still on; no others listed at this time in 10/31 Aoki**

**+++ [same], 2147-2203+, 11/1; SS interview re coastal fishing to 2150 music with brief announcements, ID, addy, etc. ToH pips/tone over music & Spanish continued (per sked for Thursdays) S30! peaks**

**(Harold Frodge, Midland MI, USA, Drake R8B + 185' RW, ----- All logged by my ears, on my receiver, in real time & without the aid of a computer! -----, DX LISTENING DIGEST)**

**9690 kHz, REE Noblejas heard in Spanish at 02-03 UT, in NY - MI US states at 0220 UT on Nov 2nd. 11 kHz wideband signal towards Latin America. S=9+15dB also in remote Perseus at Moscow, Russia backlobe signal. Interval signal played over and over again at around 0300-0304 UT, before talk and TX OFF switch OFF at 0305:15 UT. Tiny string visible on 11940 kHz channel, but couldn't trace and confirm a REE outlet towards eastern South America signal now. 73 wb**

**(Wolfgang Bueschel, Nov 1 / 2, DX LISTENING DIGEST)**

**ESPANHA, 9690. Nov 2, 2018. 0136-0220, Radio Exterior de España, Noblejas-E, em Espanhol. Programa "America Hoy": temas diversos do acontecer nas Américas; 0200 Time pips; Programa "Artesfera": Hoje, uma reportagem especial em homenagem ao Dia de Finados, através de uma visita ao Cemitério de São Isidro e as tumbas de defuntos importantes e esquisitos, na Espanha, em locuções feminina e masculina. REE com boa recepção em Cabedelo, 45444. Frequência de 11940 kHz, fora do ar!**

**11685. Nov 2, 2018. 1832-1900, Radio Exterior de España, Noblejas-E, em Espanhol. Apresentadores fazem uma entrevista com um Professor de Sociologia e abordam temas como o aborto e o casamento entre pessoas do mesmo sexo: O que pensam a UE e os conservadores? 1850 A possessão francesa da Nova Caledônia, no Oceano pacífico, e o Referendum neste próximo domingo, rumo à Independência; As conversações com a França; 1858 Um breve espaço dedicado a banda Dire Straits e uma canção de sucesso. Todos esses assuntos dentro do programa "Europa Abierta". REE tem boa recepção nesta frequência, em Cabedelo, 45544 (José Ronaldo Xavier (JRX) - PR7036SWL. Cabedelo-PB, Brasil, Receptor (es): Degen DE1103 & Sony ICF-SW100. WOR iog via DX LISTENING DIGEST)**

**9690 // 11940, Fri Nov 2 at 2210, REE to the Americas, S9+30 and S9 resp., with Castilian discussion about sports. I keep missing the M/W/F 2300 English broadcast, inconvenient time for me, and Richard Langley confirms it signs off at 0300 before English can repeat. Virtually inaudible by then, anyway.**

11685 // 12030, Fri Nov 2 at 2210, REE to ME/Africa, S1 and S6-7 resp., \*separate\* non-// talk from the other two frequencies, 2212 this about ``lo que suthede en África``, story about bendithión, Jesús, reporting from Guinea Ecuatorial (ex-colony of Spain), on `África Hoy`

(Glenn Hauser, OK, WORLD OF RADIO 1955, DX LISTENING DIGEST)

Strong signal on 9690 kHz at 0300 UT here in NB this evening (2 November UT) even on portable indoors with whip antenna. Spanish sign-off announcement followed by several minutes of IS until 0305 and then transmitter off some 10s of seconds later

(- Richard Langley, NB, WOR iog via DX LISTENING DIGEST)

Spain is back on SW in ENGLISH (French & Russian, etc.) Really! 2300 M, W & F plus supposedly 0300 on Tu Th & Sat on 9690 11685 11940 & 12030. I didn't check //s but 9690 was booming in Monday & indeed it was in English!

Log 'em & SEND REE an email or letter THANKING them for returning to SW. These stations need to know we're actually out here listening, because the 'experts' claim nobody listens to SW any more. They need to hear that the 'experts' are all wet! On facebook: <https://www.facebook.com/RadioExterior/> via email: ree@rtve.es for their 'hq' englishbroadcast@rtve.es for the English staff

This is the NEW (as of 22/August this year) Director of Radio Exterior de Espana, Antonio Buitrago, who (apparently pretty much single handedly) twisted arms, and pushed for reintroduction of foreign language services on Shortwave. Apparently, he moves quickly if he's only been on the job for two months. [REE Director.jpg]

HE deserves some huzzahs too! ;) See

[https://translate.google.com/translate?](https://translate.google.com/translate?hl=en&sl=es&u=http://guiadelaradio.com/antonio-buitrago-nuevo-director-de-radio-exterior-de-espana&prev=search)

[hl=en&sl=es&u=http://guiadelaradio.com/antonio-buitrago-nuevo-director-de-radio-exterior-de-espana&prev=search](https://translate.google.com/translate?hl=en&sl=es&u=http://guiadelaradio.com/antonio-buitrago-nuevo-director-de-radio-exterior-de-espana&prev=search)

for more details about him

(Ken Zichi, MARE Tipsheet via WORLD OF RADIO 1955, DXLD)

Not hearing anything on 9690 kHz this evening (4 November UT) at 0210 UT here in NB and nothing via the U. Twente SDR receiver either.

(- Richard Langley, WOR iog via DXLD)

Yes right about REE outlets tonight; I don't know what happened on their weekend program. Even when checked Mexico 6185.002 kHz around 2345 - 0015 UT all REE transmission channels WERE OFF AIR. 73 wolfie df5sx wwdxc

(Wolfgang Bueschel, Nov 4, DX LISTENING DIGEST)

Nothing observed from Noblejas now on shortwave, Nov 3rd and 4th [selected SDR options, span 12.5 kHz RBW 15.3 Hertz]

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

Yes, I think the problem is short skip; both frequencies are too high for reliable reception in the UK in the winter, they are beamed to the Americas. It was audible on 9690 on Monday at 2300 albeit weak, so it's worth trying again as it might be OK some days. 73s

(Dave Kenny, 1516 UT Nov 1, bdx-news iog via DXLD)

All four frequencies (9690, 11685, 11940, 12030 kHz) coming thru loud and clear in Middlesex at 1545 UT, 4th Nov, with 11685 sounding the best. Football reports in Spanish, with occasional noise, but fully intelligible

(Gabby Simmonds, *ibid.*)

9690, Sunday Nov 4 at 1557, REE with silly ballgame, // 12030 about equal despite opposite direxions. Some had reported REE missing the day before

(Glenn Hauser, OK, DX LISTENING DIGEST)

All 4 frequencies active with football commentary, 4 Nov 2018 / 2029 UT: 9690(strong, with het by Nigeria), 11685(weak), 11940(very strong), 12030(fair). 73,

(Eike Bierwirth, Wiesbaden / Germany, Perseus SDR, DX-10 pro active antenna on balcony, WOR iog via DXLD)

9690, REE at 2300 with time pips and a man with "Radio Exterior de Espana" and a woman with "English Language Service" then a woman with a report on Donald Trump sending the military to the Mexican border to stop the caravan – Very Good Nov 5

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

9690, Monday November 5 at 2327, tune-in just in time to hear tail of REE`s revived English at 2300 M/W/F; 2328 cut to strange bits of music repeating; 2329 ``thanks for tuning in``, timesignal and presumably on to next language. 9690 is good enough; at 2353 I can also hear much weaker // to S America 11940 during music

(Glenn Hauser, OK, DX LISTENING DIGEST)

## SUDAN SOUTH

\*\* SUDAN SOUTH [non].

15410, FRANCE, Eye Radio relay heard at 1518 on 10/30/18. News headlines and detail in English for Africa. At 1525, "You are tuned to Eye Radio." News ended at 1535, and the broadcast continued in listed Sudanese. Mostly fair (Bob Brossell Pewaukee, WI, JRC NRD-545 (Godar DXR-1000 antenna); KENWOOD R-2000 (Grove Flex wire); DRAKE DSR-2 (Long wire); SONY ICF 6700W; ETON E1; SONY ICF SW77, NASWA Flashsheet via DXLD)

## SWAZILAND

\*\* SWAZILAND.

11659.976 odd fq of TWR Africa from Manzini Swaziland, hopping +/- 2 Hertz up and down. At 1648 UT on Sats 1645-1700 UT in Hadiyya language. 12.8 kHz wideband audio signal. 73 wb df5sx (Wolfgang Bueschel, Nov 3, DX LISTENING DIGEST)

## TAIWAN

### \*\* TAIWAN.

7810.040, SOH Chinese at S=5 level in Canada remote. 0806  
[selected SDR options, span 12.5 kHz RBW 15.3 Hertz]  
(Wolfgang Bueschel, df5sx, wwdxc BC-DX TopNews Nov 4, DX LISTENING DIGEST)

## THAILAND

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

9940, Oct 30 at 1428, presumed HSK9 in English is VP, closing 1429 with bells and off 1429.5\*, succeeded by even weaker signal which is FEBC Philippines opening Uighur. At least 9940 has no ACI problems. Ex-9390 abutting 9395 WRMI.

R. Thailand full usage of 9940 per HFCC is: 1200-1215 Malay, 1230-1300 English, 1300-1315 Japanese, 1315-1330 Mandarin, 1330-1400 Thai, 1400-1430 English; switching azimuths for each from Udorn. Englishes are both 132 degrees, no good for us, while the intervening Asian languages are at 30 or 54 degrees which should carry on USward much better

(Glenn Hauser, OK, DX LISTENING DIGEST)

5875, Radio Thailand. This frequency noted now with language schedule anomalies. Recently had been hearing English (not the scheduled Japanese or German) during 1130-1159\*, but Nov 2 & 3, had Burmese or Thai (not sure which) from 1115 till 1159\* (not in Chinese, nor Japanese, nor German, nor English), with the usual brief breaks in transmission at 1129 and 1144, for their change of beam direction; 1115-1129, fair; 1130-1144, good to very good and 1145-1159\*, much poorer. Interesting that they have not settled on a permanent language schedule here

(Ron Howard, Calif., Etón E1, antenna: 100' long wire, WOR iog via WORLD OF RADIO 1955 DXLD)

## TURKEY

**\*\* TURKEY.**

12035.005, Oct 30 at 1355, VOT English back almost on- frequency after jump to 12035.707, 24 hours ago.

11815, Oct 30 at 1359, ME music with flutter atop NHK in Japanese, making fast SAH a few Hz apart but unmeasured; 5+1 TS at ToH, and YL Turkish talk, of course, since TRT has just moved here from 15350 which I also heard a few minutes earlier. These two now overlap an hour 14-15 per HFCC, but acceptable to them since targets are far apart, neither for North America, altho Emirler is axually aimed USward 310 degrees beyond W Europe, and this would probably be our best frequency to hear NHK music at this time; or Turkish music if it were in the clear.

11815.707, Oct 31 at 1359, VG S9+10 signal from TRT Turkish which just moved from 15350, way atop NHK JAPAN on 11815.0 producing only a weak het. Yesterday TRT was within a few Hz of 11815.00. Note that today`s offset is exactly the same as I measured yesterday at same time on English, 12035.707! Today the latter is back close to 12035.00. Do they have one transmitter which is always way off, and swap it around, or what? A time signal at 1400 is about a semi-second early compared to WWV

(Glenn Hauser, OK, DX LISTENING DIGEST)

[and non]. 15270v, Nov 1 at 1324, VOT sign-off in German, mentioning 49 mb for a later broadcast, i.e. 5945 at 1830, bit of IS and off; only slightly off-frequency but no time to measure it. Yes, the German broadcast at 1230 is now here on 310 degree antenna from Emirler, so I retune to 12035 for next broadcast from same in English.

12035, finally \*1329 with VOT IS and sign-on in English, now with correct time and frequency! But \*1329 at same time on 12035 is a weaker signal with AWR theme and then in Thai, making a fast SAH, i.e. KSDA due west from GUAM at 1330-1400. Both are in HFCC, but I was hearing \*no\* sign of KSDA the previous few days of B-18 season. This can ruin the first half of VOT, still CCI at 1355, but off by 1359.

Note: if you don`t hear VOT English on 12035 promptly from no later than 1330, check 15270 where the sloppyrators at Emirler may have let it run late into the next language on the feed.

11815, Nov 1 at 1429, VOT Turkish music is VG way over JBA Japan, and not +0.7 kHz off-frequency today, nor is 12035!

15270, Nov 2 at 1324-1325.5\*, IS ending VOT German almost on-frequency, and today it takes only a minute for 12035 to come up by \*1326.5, also near-frequency with IS and English IDs. Turkish service continues on, close to 15350 at 1348 check, while 11815.0 is still clear for NHK in Japanese. At 1400, TRT has QSYed and now the transmitter is way off, 11815.7, S9+10 with R. Japan making a considerable het. So was it really the same transmitter which just closed 15350 without being 0.7 kHz away?

(Glenn Hauser, OK, DX LISTENING DIGEST)

12035.702, Nov 4 at 1331, VOT English news, S8/S9+10, having decided to go way-off-frequency today, lite het de 12035.0 KSDA Guam in Thai.

15350.0, Nov 4 at 1332, VOT Turkish remains on frequency, S5-S7.  
11815.0, Nov 4 at 1422, VOT Turkish next frequency also remains not  
offset, covering JBA Japan  
(Glenn Hauser, OK, WORLD OF RADIO 1955, DX LISTENING DIGEST)

The offset continues in B18, heard in French on 9625.7, 4 Nov 2018 /  
2035 UT. Info about the trio infernale - Trump, Putin, Erdogan. ID as  
"TRT La Voix de Turquie". Strong with slight hum. 73,  
(Eike Bierwirth, Wiesbaden / Germany, Perseus SDR, DX-10 pro active  
antenna on balcony, WOR iog via DXLD)

At 1430-1440 UT Nov 4: 9410even kHz exact fq, TRT Emirler in Russian,  
S=9+15dB strength. Scheduled 1400-1456 UT.

9785.019 kHz TRT Voice of Turkey, Emirler site, in Kazakh language  
scheduled 1430-1456 UT

11815.007 kHz TRT Voice of Turkey in Turkish via Emirler, football  
soccer live coverage transmission. 1437 UT on Nov 4. S=8-9 reception  
here in Germany [selected SDR options, span 12.5 kHz RBW 15.3 Hertz]  
(Wolfgang Bueschel, df5sx, wwdxc BC-DX TopNews Nov 4, DX LISTENING  
DIGEST)

5960, Voice of Turkey at 2247 in German with multilingual IDs and a  
man and woman with contact info then male folk vocals from 2249 to  
brief closing announcements at 2253 and into IS and ID loop – Fair to  
Good Nov 4 – Once again, the Voice of Turkey has screwed up. They are  
not supposed to be broadcasting on this frequency at this hour. They  
do come on in English at 2300 but what part of “You are complete  
incompetent idiots” do you not understand?  
(Mark Coady, Selwyn, Ontario, Kenwood TS440S or Ten-Tec Argonaut II  
and 40 and 80 meter off centre-fed dipoles, ODXA iog via DXLD)

Hello Glenn, Was tuning around tonight and noticed that Voice of  
Turkey on the 0400 UT broadcast is off frequency. I first thought my  
SDR might have been off; but then switched on the Icom IC R8500 and  
noticed the same thing. It was on 6125.6 Khz tonight Nov 5th 2018 at  
0434 UT. First time I noticed Turkey off frequency  
(Gilles Letourneau, Montreal, Canada, dxldyg via WORLD OF RADIO 1955,  
DX LISTENING DIGEST)

## U K

**\*\* U K.**

From the Publisher: We have received word that Professor John Arthur Campbell, a longtime NRC member in England, passed away in April 2018. Our condolences to his family and DX friends  
(NRC DX News Nov 12, published Nov 3, via DXLD)

OBIT --- This may be the same John Campbell who IIRC was a regular contributor to Media Network; about clandestines  
(gh, DXLD)

**\*\* U K.**

"Talking House" on 1610 kHz --- I know what a talking house transmitter is. Its an item that can be purchased on ebay.

Looks much like a old 80s/90s style radio tape alarm clock but has a small am transmitter within. The idea being to broadcast within the confines of the home and immediate area from the machine`s tape deck on medium wave. They are designed and intended for the US market where such low power AM devices are legal.

If you just search am transmitter on ebay you will find plenty of them. There are a few American retailers selling and exporting them from there and they often come up for sale on ebay from within the UK also.

It`s clear that the reason it`s heard after dark is that of propagation at this time of year. It`s probably only a few hundred yards away in someone else home. The owner may just be listening to cassette tapes on the machine and may be unaware that it`s also a micro transmitter. Thanks  
(Steven Overall, Nov 2, bdx-news iog via DXLD)

Glenn Hauser reported on "talking house" radios some years ago, after he heard one (or more) in his town. My recollection is that they were being used as marketing tools by estate agents (realtors). A micro-transmitter in a house for sale plays a looped recording that gives details of the property.

The range is sufficient to catch drivers passing through the neighbourhood. I guess that if you were looking to buy a house in a particular area, you could tune your car radio to 1610 (or whatever) and see what you heard as you drove around.

The model being advertised at <http://www.talkinghouse.com> says it can transmit in the band 520-1700. There's a more expensive model called an i A.M. Radio that offers better audio (though presumably not higher power). They are FCC Part 15 compliant, so no licence required.

All reception would be very local. This one is being heard after dark presumably because that's when the operator is putting it on, rather than for any reasons of propagation  
(Chris Greenway, bdx-news iog via DXLD)

It has been on 24/7 according to the operator. He's been advised to switch-off as it is attracting adverse attention. Whether it has been I have no idea  
(Stuart Heathcock, ibid.)

**\*\* U K.**

5975, Nov 2 at 0549, bits of English voiced-over into Hausa, mentions Ghana, Exxon-Mobil, etc. S9+10 causing ACI to weaker 5970 WEWN. HFCC shows this is BBC at 0529-0600, 300 kW, 160 degrees from Woofferton, and ``G BBC ENC 16148`` --- So BBC is the broadcaster, and ENC is the Frequency Management Organisation --- what does that mean? Encompass Digital Media Services, replacing Babcock --- tsk2, no more fun embedding BBC into BaBcoCk (Glenn Hauser, OK, DX LISTENING DIGEST)

**\*\* U K [non].** BBC new bureau in Nairobi

Dear Friends, You have heard me long-time ago. Now I'd like to call your attention to the article below about the expansion of the BBC's correspondence post to a more robust bureau employing not only a few people. I have no idea how it will affect the broadcasts technically since their radio transmitting facilities will remain intact.

I think, maximum satellite monitors can catch the workchannels between the bureau and the center of the BBC (if it is not encoded). In the analogue era I were able to hear the BBC World TV Channel's workchannel (or maybe workfeed?) on an audio subcarrier of a satellite channel on which the BBC World TV broadcasted its English language programme for the general public. The workfeed wasn't coded at all. I could hear the conversations between the staff in the studio and the reporters on the site before and after a live broadcast. Of course I hadn't understood a lot of it since I had no idea about the special jargons used by the main studio to instruct the staff on the site. (Tibor Gaal, Budapest, Hungary, Nov 5, WOR iog via DX LISTENING DIGEST)

Now, the article:

<https://www.bbc.co.uk/news/world-africa-46096218>

**BBC Nairobi: The largest bureau outside UK  
5 November 2018**

The BBC has today launched its largest bureau outside of the UK in Kenya's capital, Nairobi. Close to 300 of the 600 BBC journalists working across Africa are based in the new, state-of-the-art facility.

"Our most important investment will be in training the next generation of African reporters and producers to world-class standards," Francesca Unsworth, Director of BBC News, said.

The expansion is being funded by \$376m (-L-289m) from the UK government.

The production facilities at the bureau include a TV studio and two further live broadcast positions, two radio studios, two radio workspaces and five TV edit suites.

Earlier this year another major hub was opened in Nigeria's commercial city of Lagos, where three new language services are based, while there was also an expansion of the French service based in Senegal's capital, Dakar.

The BBC World Service opened its Nairobi bureau in 1998. It now broadcasts in a total of 12 African languages - plus English.

"We are celebrating the African journalists and programme makers here today who will carry the torch of BBC professionalism, accuracy and impartiality into the future," Rachael Akidi Okwir, Head of East Africa Languages for the BBC World Service said.

**Nairobi-based services:**

- \* Afaan Oromo: Language of Ethiopia's biggest ethnic group
- \* Amharic: Ethiopia's official language
- \* Tigrinya: The main working language of Eritrea, along with Arabic. Also spoken in Ethiopia

**Lagos-based services:**

- \* Igbo: An official Nigerian language. Also spoken in Equatorial Guinea
- \* Yoruba: Spoken in south-western Nigeria and some other parts of West Africa, especially Benin and Togo
- \* Pidgin: A creole version of English widely spoken in southern Nigeria, Ghana, Cameroon and Equatorial Guinea

The official opening of the new bureau coincides with the launch of Money Daily, a new business TV programme. It is one of several new shows being produced in Nairobi.

One of the new services, BBC's new investigative unit, Africa Eye, has already made a global impact.

Its report on corruption in football involving a referee bound for the 2018 World Cup, led the Confederation of African Football (Caf) to open an investigation and sanctions against the Kenyan official.

It September, Africa Eye released a report after extensive forensic analysis to uncover identities of Cameroonian soldiers who executed two women and two children - the graphic details had been captured in a video that was widely shared on social media.

**BBC World Service expansion:**

-L-289m

**investment:**

**11 new languages:**

- \* 12 new or expanded daily TV and digital bulletins
- \* 40 languages covered after expansion
- \* 500m people reached by 2022 - double the current number
- \* 1,300 new jobs, mostly non-UK

Source: BBC

(via Tibor Gaal, *ibid.*)

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

382 kHz, Oct 30 at 0602, NDB ID as SP. This is 25 watts at Springfield IL; I was tuned to 380.

BTW, no sign of EN around 194 tonight, Kenosha/2, nor 388  
(Glenn Hauser, OK, DX LISTENING DIGEST)

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

The weather broadcasts (storm information) were still there at 8, 9, and 10 minutes past 0000 UTC on 1 November on WWV as monitored here in NB. Haven't had a chance to check them since. Are they actually gone? If so, when were the last ones broadcast. The warning at the 4-minute mark hadn't been heard for days. I'm wondering if the decision to terminate the broadcasts was reversed  
(-- Richard Langley, WOR iog via DXLD)

Yes, still there at 1508-9-10 Nov 2 audible here on 2500, 5000  
(Glenn, OK, ibid.)

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

Santa Net 2018 ----- Every year on 3916, we give good little boys and girls a chance to talk to Santa Claus at the North Pole! It is indeed a magical experience to experience kids talking with Santa through the magic of Amateur Radio! The Santa Net is on the air every night, November 23rd through December 24th at 7:30 PM Central [0130 UT]. To participate in The Santa Net, just have your kids prepared to tell Santa their top 2-3 gift wishes.

Prenet Check Ins Welcome --- Reserve a spot with Santa by making a pre-net check in. You can check in either on the air starting at 7 PM (Central) or by emailing KE5GGY@gmail.com Ho Ho Ho and Merry Christmas from The 3916 Nets!!!

(Pete Thomson / <https://www.facebook.com/groups/SWRLAG/> via Rus-DX Nov 4 via DXLD)

**\*\* U S A. Re: [WOR] Huge Scandal re Marti/OCB**

Senator Flake was rather outspoken in the interview

<http://kjzz.org/content/718802/arizona-sen-jeff-flake-we-cant-change-presidents-behavior-we-can-change-our-own>

"Now, many of these programs including Cuba Broadcasting Service has had new employees basically put in from the new administration and some of them are drawn from organizations like Breitbart that have kind of a history of pushing kind of be alt-right into programs. So this is not surprising to me at all."

Still USAGM headquarters were reportedly struck by the breaking news completely unprepared:

<https://www.thedailybeast.com/us-funded-broadcaster-to-suspend-employees-behind-multimillionaire-jew-soros-report>

This is, I fear, a document of helplessness:

<https://www.usagm.gov/2018/10/29/ceo-statement-on-office-of-cuba-broadcasting-piece-on-george-soros/>

The statement that he is "personally and professionally offended" makes me wonder if he lives in a bubble and was, as The Daily Beast suggests, indeed not aware of what's going on outside. And the claim that Regalado "is taking this issue just as seriously as I am" is not really congruent with the quotation from Mother Jones, unless the Pittsburgh attack suddenly changed his mind.

I fear the size of the problem is still much larger when noting how The Heritage Foundation is still considered, or at least was until recently, a serious participant of the debate about US international broadcasting. One member of its Board of Trustees is Rebekah Mercer, and

<https://www.arte.tv/de/videos/082806-000-A/fake-america-great-again/> reveals that Heritage Foundation received between 2012 and 2015 alone 1.5 million dollars from Mercer. Which did not surprise me, considering how some months ago an esteemed senior fellow there had put its commentary on the VOA Chinese scandal on a Breitbart-like website, full of Alt-right agitation.

Reminds me of a scene from the East German TV movie Geschlossene Gesellschaft which after a single, very late alibi airing was locked away for eleven years, until its first real airing in autumn 1989. Armin Müller-Stahl: Archaeologists found at Pompej remains of people who had been caught while eating. Caught during their endless twaddle. They did not realize the danger at all. Jutta Hoffmann: No, I don't believe this. They suffocated, they got no fresh air anymore.

Well: Good luck!!

(Kai Ludwig, Germany, Oct 31, WOR iog via DXLD)

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

15580, Oct 31 at 2112, VOA with rock music at S9, the SS0B, much stronger than [originally I wrote that with two right-facing arrows, but on the psw iog they disappeared, and threw off the alignment!] 15610 WEWN, 15720 RNZI.

For B-18, Greenville-B has been resumed on this frequency but for only one hour at 2100-2200. We expect to be able to hear `Music Time in Africa` L&C on Fridays. 250 kW at 94 degrees, but we are directly off the back at ideal skip distance 1846 km = 1147 statute miles. VOA: see also WRMI

9335, Nov 2 at 2202, Cambodian talk, 2203 VOA jingle at S9-S5, i.e. 2200-2230, 250 kW due west from Tinang, PHILIPPINES

15600, Nov 3 at 1431, S9+10 song, 1432 talk about America, i.e. VOA Kurdish via Woofferton, 250 kW at 102 degrees. Except for Cuba 15700, 15230, one of the SS0B along with 15300 VOA Vatican relay.

15300, Sat Nov 3 at 1432, S9+10 VG song with heavy beat, 1435 YL mixes English and French for lesson about how ``next`` is translated by a number of different words into French depending on context, on `Word of the Day`. This is the Sat & Sun-only VOA relay hour via VATICAN supposedly in Kirundi, as also heard with VOA-Afrique rock music last Sunday. Except for Cuba 15700 & 15230, along with 15600 via WOF, one of the SS0B via SMG`s excellent off-beam reach.

(Glenn Hauser, OK, DX LISTENING DIGEST)

15580, Sat Nov 3 at 2158, VOA rock music is VG, backward from Greenville, chopped off midsong at 2159:53\* without any announcement, sign off or Yankee Doodle. After publicizing it twice in advance, I completely forgot to check this hour on Friday Nov 2 for `Music Time in Africa`, hearing instead `Behaviour Night` on WBCQ 7490v.

9975, Nov 3 at 2027, ``Blue Velvet``, another Oldies channel? No, 2034 Korean announcement, so it`s VOA via THAILAND at 19 -21, 38 degrees from Udorn, also USward  
(Glenn Hauser, OK, DX LISTENING DIGEST)

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

WORLD OF RADIO 1954 monitoring: confirmed Tuesday October 30 after 2030 on WRMI 7780, very poor/JBA in daytime noise level off side of the beam. How is it in Europe? Also confirmed Wednesday October 31 at 1050, the 1030 on WRMI 5950, fairly sufficient. Next:

2100 UT Wednesday	WRMI	9955 to SSE
2100 UT Wednesday	WBCQ	7490v to WSW
0729 UT Saturday	HLR	6190-CUSB Germany to WSW
1231 UT Saturday	Unique	9265V via WINB to WSW
1531 UT Saturday	HLR	9485-CUSB Germany to WSW
1700 UT Saturday	WRN	5950 via WRMI to WNW
1930vUT Saturday	WA0RCR	1860-AM non-direxional
0300vUT Sunday	WA0RCR	1860-AM non-direxional [nominal 0315-]
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	WRN	5950 via WRMI to WNW [? not last week]
0400vUT Monday	Area 51	5130v via WBCQ to WSW
0430 UT Monday	WRMI	9955 to SSE

(Glenn Hauser, OK, DX LISTENING DIGEST)

WORLD OF RADIO, all times on US SW stations reviewed for B-18  
(WORLD OF RADIO 1955)

9955, WRMI Radio Miami Int'l (presumed); 2126-2130+, 10/31; Glenn Hauser's World of Radio #1954 to 2129 music fill tune, Proud to be a Bahamian; 2130 right into religihuxter program without ID; Reality in Jesus with the McChord family from Denver PA. S10+ peaks  
(Harold Frodge, Midland MI, USA, Drake R8B + 185' RW, ----- All logged by my ears, on my receiver, in real time & without the aid of a computer! -----, DX LISTENING DIGEST)

WORLD OF RADIO 1954 monitoring: NOT confirmed, Wednesday Oct 31 at 2100 on WRMI, since 9955 is OFF the air! Still nothing at 2113 check while 9395 Oldies is S9+20. Final recheck at 2129 just as WOR is ending, 9955 has come on sometime since 2113 with WOR in progress. Simul on WBCQ 7490.14 confirmed, fair since 2105 tune-in, vs high local line noise level of S9+35! Next:

0729 UT Saturday HLR 6190-CUSB Germany to WSW  
 1231 UT Saturday Unique 9265V via WINB to WSW  
 1531 UT Saturday HLR 9485-CUSB Germany to WSW  
 1700 UT Saturday WRN 5950 via WRMI to WNW  
 1930vUT Saturday WA0RCR 1860-AM non-direxional  
 0300vUT Sunday WA0RCR 1860-AM non-direxional [nominal 0315-]  
 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 WRN 5950 via WRMI to WNW [? not last week]  
 0400vUT Monday Area 51 5130v via WBCQ to WSW  
 0430 UT Monday WRMI 9955 to SSE

WORLD OF RADIO 1954 monitoring: confirmed Saturday November 3 at 1239 tune-in, the 1231 on Unique Radio via WINB, 9265V, not too much wobble, S9-S6.

Barely confirmed Sat Nov 3 at new time 1531 on Hamburger Lokalradio, 9485-CUSB via UTwente SDR: huge splash from 9490 CRI, but recognizable WOR theme with narrow 1.63 kHz bandwidth; no better toward the end at 1558. Alan Gale, NW England, reports: ``Hi Glenn, Annoyingly it faded right out after about 5 minutes, I think the skip must have gone longer, it would have been fine if it had been on at 1430. It will be interesting to see if it does the same again next week. I actually managed to get a recording of the fade out as it happened, copy attached. Alan``.

Next airing confirmed at 1700 UT Sat Nov 3 on WRN North America webcast, ex-1600, supposedly also via WRMI 5950, a JBA carrier here. Next:

1930vUT Saturday WA0RCR 1860-AM non-direxional  
 0300vUT Sunday WA0RCR 1860-AM non-direxional [nominal 0315-]  
 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 WRN 5950 via WRMI to WNW [? not last week]  
 0400vUT Monday Area 51 5130v via WBCQ to WSW  
 0430 UT Monday WRMI 9955 to SSE

WORLD OF RADIO 1954 monitoring: confirmed UT Sunday November 4 at 0327 on WA0RCR, 1860-AM, M0, fair-poor with considerable storm noise level from somewhere, about 9 minutes into show, so started circa 0318.

Manuel Méndez, Lugo, Spain, Tecsun S-8800, cable antenna, 8 meters, reports: ``GERMANY, 7265, Hambuerger LokalRadio, Goehren, 1130-1200, 04-11, English, Glenn Hauser's program "World of Radio". 15321`` Next:

2130 UT Sunday WRMI 7780 to NE  
 2230 UT Sunday WRMI 9955 to SSE [ex-2130]  
 0230 UT Monday WRN 5950 via WRMI to WNW [? not last week]  
 0400vUT Monday Area 51 5130v via WBCQ to WSW [ex-0300v]  
 0430 UT Monday WRMI 9955 to SSE [ex-0330]

WORLD OF RADIO 1954 monitoring: Manuel Méndez, Spain reports: ``GERMANY, 7265, Hambuerger LokalRadio, Goehren, 1130-1200, 04-11, English, Glenn Hauser's program "World of Radio". 15321``

Also confirmed Sunday Nov 4 at 2130 on WRMI 7780, fair signal which is quite an improvement with the sun a bit lower and less absorption.

Also confirmed Sun Nov 4 at 2230 on WRMI 9955, good with no jamming, shifted one UT hour later like all programming on this frequency (and remember it's the only WRMI one with a webcast, even during its hours silent on SW).

Also confirmed UT Monday November 5 from 0230:40 on WRN via WRMI 5950 but vs some heavy pulse jamming --- since last week at this time, Radio Martí was being programmed instead. I knew 5950 would get overjammed once WRMI started putting RM on it. Will they keep doing so unpredictably?

Also confirmed UT Monday November 5 starting early at 0359 on Area 51 webcast, and 5129.83 WBCQ S9, just as WOR has ended at 0428:15 and Hobart Radio International is starting. Back on the webcast, I notice that HRI music is in stereo, as was the JL wrapup just before 0359. I don't think A51 was in stereo before (WOR is totally mono, even the opening theme).

Also confirmed UT Monday Nov 5 after 0430 on WRMI webcast, while 9955 has faded to a JBA carrier.

WORLD OF RADIO 1955 contents: Alaska, Andaman Islands, Australia, Bhutan, Bulgaria, China, Cuba, Egypt, France non, Germany and non, Guinea and non, Israel non, Japan non, Korea North non, Kuwait, Liberia, Madagascar, Perú, Sa`udi Arabia, Spain, Thailand, Turkey, USA, Yemen non, and the propagation outlook

WOR 1955 ready for first airing UT Tuesday November 6  
[note more un-DST changes, final version]:

0030 UT Tuesday	WRMI	7730 to WNW [confirmed]
0200 UT Tuesday	WRMI	9955 to SSE
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
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	WRN	5950 via WRMI to WNW
0400vUT Monday	WBCQ	5130v Area 51 to WSW
0430 UT Monday	WRMI	9955 to SSE

(Glenn Hauser, OK, DX LISTENING DIGEST)

**WRMI WRMI WRMI:**

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

Monitored WRMI Sunday Evening / Monday Morning (UT) 7780 --- From my recording last Sunday evening, 28-29 October UT:

- 2015 Viva Miami (in Spanish talking about the trip to Bratislava for the HFCC meeting; repeat)
  - 2030 Reserve Military Retirement
  - 2100 Wavescan (#505)
  - 2130 World of Radio (#1953)
  - 2200 Your Weekend Show (Bob Biermann bashes CNN about its pipe bomb coverage and then has an extensive interview with Steve Huggins of Praise FM, 99.3 MHz on Nevis, which Biermann continues to mispronounce even as his guest says it as it is: "N-e-e-vis")
  - 2300 Full Gospel Radio Broadcast (program name used this week)
  - 2330 Shortwave Radiogram (#71)
  - 0000 Radio Slovakia International in Slovak
  - 0030 Radio Slovakia International in English
  - 0100 Wavescan (#505)
  - 0130 Through the Cross Ministry with Pastor Chuck
  - 0200 Radio Prague in English (special program on 100th anniversary of founding of Czechoslovakia; unfortunately, audio dropout after a couple of minutes and then replaced with World Music including the hip-hop version of the European Anthem)
- (-- Richard Langley, NB, Nov 1, WOR iog via DX LISTENING DIGEST)

5850, WRMI with BSR Radiogram #22 a new show with a half hour of audio about the "Oklahoma Objector Church" which James B is now a pastor and apparently this church is now going to support the broadcast and thus the political stuff is going to go away. Instead they had an 'online meet-up' recorded on 'facebook live'. This is apparently an 'offshoot' of a California "Church of Conscious Objection" ... I'm not sure how a church that advocates resisting the draft can be 'non political' but .... hey, John Oliver created the Church of Perpetual Deductions' to point out how silly the whole 'religious' organizations tax thing is.

The digital half hour included a bunch of photos of fall vistas from around Oklahoma, including: [illustrated on the WOR iog] and []

At 0800 they aired edition #71 of Kim Elliott's "SW Radiogram" with the usual mix of digital text and images including stories about: A laser system that could create a "quantum internet" in Thor22 along with a Thor22 image []: and first images from BepiColombo Mercury Probe (above) and more 'fun images' including paper cuttings from Hans Christian Anderson, and a tornado from Sandwich, MA []:

At 0830 into ANOTHER replay of the Business Growth Radio from 24/Sept (and others) mentioning the trip to Fed Ex and how to get your business from the 80% to the 15%. Again, off abruptly mid sentence at the ToH. 4+4+4+44 0655-0930 29/Oct  
(Kenneth Vito Zichi, Williamston MI, WOR iog via DXLD)

Jamming on 5950 Pretty bad here in the evening  
(Lou Johnson, Atlanta, Nov 1, DX LISTENING DIGEST)

11580, Sunday Nov 4 at 1336, WRMI with ``Bye, Bye, Love`` Oldies music instead of dead air Friday for at least a sesquihour, instead of Radio Nigeria, Kaduna; 1358 song ``Cherish`` and Oldies-style ID, but 1400 switch to another of three dozen weekly airings of `Wavescan`! (meanwhile, 9395 is BS); 11580 off by 1500.

RN,K was still being heard on the afternoon/evening broadcast circa 2130 Nov 3 on 11580. All three are still alleged on the skedgrid, 05-09, 11-15, 20-23. As usual, VG signal here in the daytime off the back, JBA carrier at night.

9955, Sunday Nov 4 at 1401, WRMI with the Japo-Mississippian gospel huxtress; 1504 still on with Blalock the Blaster, who some refer to as a Cajun. Skedgrid now shows 9955 extension on Sat/Sun is at 1500-1700; and all programming on it has shifted one UT hour later to seem to stay at the same local Eastern time.

9955, UT Thu Nov 1 at 0006, AWR Wavescan on WRMI as one of three dozen airtimes, but hit now by heavy wall-of-noise jamming. There is no exile programming in Spanish at 0000, but two other Spanish shows on UT Fri & Mon; however, Radio Libertad must be jammed at 2315-2400 M-F, and the sloppyraters at the DCJC certainly don't care about causing collateral damage to enemy RMI.

Note that from Nov 4, all programming on 9955 shifts one UT hour later to stay at the same ET. Jeff White notifies that this also applies to 9395 and 9455, but all other frequencies stay at the same UT. See also UNID 7730

9395, Nov 2 at 0534, VOA news via Oldies via WRMI, and now the SSOB! You never know: sometimes this frequency is a JBA carrier overnight.

5950, UT Sat Nov 3 at 0205, WRMI with alternate Radio Martí programming, YL promo, not // regular RM via Greenville on 6030, 7355, 7435. 5950 has some intermittent ute-blapp burst QRM; or are they in the feed? not like jamming this time. See also [GERMANY](#) [non]

15770, Nov 3, I have been meaning to recheck this WRMI frequency reactivated a few weeks ago at midday, but the skedgrid now shows all hours blank, for XMTR 9 at 44 degrees (Glenn Hauser, OK, DX LISTENING DIGEST)

Monitored WRMI Sunday Evening / Monday Morning (UTC) 7780 kHz Schedule From my recording last Sunday evening, 4-5 November UT:

2015 Viva Miami (in Spanish talking about the trip to Bratislava for the HFCC meeting; repeat)  
2030 Reserve Military Retirement  
2100 Wavescan (#506)  
2130 World of Radio (#1954)  
2200 Oldies (Your Weekend Show NOT aired; Bob Biermann incorrectly IDs the frequency as 9395 kHz and later has an ad for this weekend's Your Weekend Show, which didn't air at this time on this frequency!)  
2300 Full Gospel Hour Broadcast (program name used this week)  
2330 Shortwave Radiogram (#72)  
0000 Radio Slovakia International in Slovak  
0030 Radio Slovakia International in English  
0100 Wavescan (#506)  
0130 Through the Cross Ministry with Pastor Chuck  
0200 Radio Prague in English  
0230 Viva Miami (in Spanish talking about the trip to Bratislava for the HFCC meeting; repeat)  
0245 Living Water  
0302 S/off (or thereabouts)  
(-- Richard Langley, NB, WOR iog via DX LISTENING DIGEST)

5850 // 7730, Monday Nov 5 at 0708, WRMI beepery, presumably Broad Spectrum Radio. I checked the website <http://broadpectrumradio.com> circa Nov 2 and found it had not been updated since June! No info about newer programs which have continued to air altho with many repeats and mostly beepery. Webpage also autolaunches without permission audio of an old show about Oklahoma matters I heard long ago  
(Glenn Hauser, DX LISTENING DIGEST)

5950, Nov 5 at 0709, English newscast, presumably Deutsche Welle on relayed WRN, item about New Caledonia independence referendum --- but no, it's really Radio France International as per 0710 ID. WRN sked shows RFI at 0600, and DW at 0700; mistake, or change? (Glenn Hauser, OK, WORLD OF RADIO 1955, DX LISTENING DIGEST) see [UNIDENTIFIED](#) 17850

WBCQ WBCQ:

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

7490.1+, Fri Nov 2 at 2130-2200, enjoyed the last half of `Behaviour Night` on WBCQ, really old music recordings; reminder that from now until early March, will be one UT hour later and one hour more of improved nightish propagation, 2200-2300 Fridays, just like allied show `Marion`s Attic` at same time Sundays.

(7490), Nov 3 at 00-01, I miss hearing Allan Weiner Worldwide on WBCQ, but John Carver reports:

``Tonight's show started on time this evening but there was no sign of 7490 at all so listening on 5130. Allan and Angela in the studio. Opening talk about the upcoming election. It seems that Allan is still in FLA although he stated last week that he would be back in Maine at the end of the month. All of the early talk is political drivel and then morphs into a talk about religion.

First phone call is at 0025 from Freddie who chimes in with support of Allan's opinions about politics and religion albeit peppered with four letter words. Freddie calls back at 0035 to talk about Angela. Ramsey calls at 0038 with his opinion about the caravan of people making their way North to our border. Phone call at 0044 with another person talking about the caravan of people and why they should be stopped.

Allan then comments about an article in the current online edition of Spectrum Monitor about the new superstation entitled WBCQ rises from the ashes or some such. Wasn't aware that it had burned down. He then answers an email from Larry Will about Radio Sputnik. A scan of emails begins at 0058. Program was cut off in the middle of a sentence as it was last week at 0059 and a half by my clock. Didn't even get to the closing prayer. John, Mid-North Indiana``.

9330.1v, Nov 4 at 1512, NO signal from WBCQ, all-BS-all-the-time. This had been running reliably 24/7. Not prop, as nearest other SW, 9265v WINB is quite audible. At some point, surely not yet, old 9330 programming will have to go when the 500 kW superstation start testing, if it really be only on 9330 as already registered 24h. Surely the transmitter will be frequency-agile and potentially much more effective propagationally  
(Glenn Hauser, OK, DX LISTENING DIGEST)

7490, WBCQ at 2221 with Marion Webster assisted by Kristina spinning really old and obscure recordings on "Marion's Attic" - Very Good Nov 4 - This has become one of my favourite shows on shortwave. The music and the chemistry between Marion and Kristina is beautiful to behold (Mark Coady, Selwyn, Ontario, Kenwood TS440S or Ten-Tec Argonaut II and 40 and 80 meter off centre-fed dipoles, ODXA iog via DXLD)

9330.17, Nov 5 at 0705, TOM via WBCQ confirmed back on the air, right now with Scourby Bibleciting. No Cuban numbers QRM now; must be one of the alternate nights it`s absent  
(Glenn Hauser, OK, DX LISTENING DIGEST)

Universe Radio, November 10, 5130 kHz Live from Monticello via WBCQ

**Im Programm von Universe Radio gerade gehört: Ankündigung einer 4h-Ausstrahlung via WBCQ: siehe dazu hier:**

<http://www.universeradio.nl/index.php/shortwave/>

"On November 10 we will be doing a live broadcast for the USA. On 5130, provided by our friends from WBCQ, we will broadcasting from 1800~2200 UT

(19.00 ~ 23.00 CET or 01.00 ~ 05.00 pm EST)

1800-1900 Hello America by Michiel Bouwmeester

1900-2000 Universe Rocks by Fred Setters

2000-2200 Panic Show classics by Michiel Bouwmeester & Bennito Mol

~~~~~  
Das wäre dann nächstes Wochenende / Samstag

Ansonsten, der Macher:

<https://www.bndestem.nl/etten-leur/ettenaar-michiel-bouwmeester-viert-eerste-lustrum-met-universe-radio~ac2c2f4a/>

Relativ aktuelle Bilder vom September diesen Jahres:

<http://www.wbcq.com/?p=1028>

(roger, Nov 4, WOR iog via WORLD OF RADIO 1955, DXLD)

Full daytime on 5 MHz? Means very limited range

(gh, ibid.)

**WINB WINB WINB:**

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

15665-15670-15675, Oct 31 at 1354 & 1435 chex, no sign of DRM today as scheduled from WINB; making up for that with extra DRM on 13650 is KUWAIT, q.v.

13685-13690-13695, Nov 1 at 1332, assymetrical DRM noise, just like we used to hear on 15665-15670-15675 from WINB, which has been missing: `Normal` DRM on hi side, `rough` on lower side. So now I bet it's WINB. Seems that for latest WINB info one must check their twitting, not the winb.com website, but which at least refers to twits:

`winb?@SWWINB Oct 29

<https://twitter.com/@SWWINB>

Here is our fall DRM schedule: Mon-Fri only:

7315 kHz 062 deg. 0700-0900 UT

9265 kHz 062 deg. 0900-1100 UT

13690 kHz 062 deg. 1100-1700 UT

On weekdays, time between 1700 and first scheduled AM broadcast is occasionally used for transmitter testing on 9265 kHz, often DRM`

I've yet to hear or see any reports of DRM on 7315 or 9265, but could easily be missed overnight. HFCC B-18 indeed no longer has WINB on 15670, but 13690, however as ``D`` which means NOT DRM! This defective 13690 DRM still going at 1428 check.

BTW, no DRM on 13645-13650-13690 today (as in previous report I wondered if 13690 could be spur out of KUWAIT), but here is another twit about that, from who knows where:

``DRMNA.INFO Retweeted

Benjamin @Benjami51372632 Oct 31

[https://twitter.com/drmna\\_info](https://twitter.com/drmna_info)

2018-31-10 1400z DRM radio\_Kuwait is on 13650khz in arabic for last 5 hrs. Loud and clear. The show goes on! #drmlog 0 replies 2 retweets 4 likes``

(Glenn Hauser, OK, WORLD OF RADIO 1955, DX LISTENING DIGEST)

**OTHERSW OTHERSW OTHERSW OTHERSW OTHERSW OTHERSW OTHERSW OTHERSW OTHER:****\*\* U S A.**

9475, WTWW Lebanon TN (presumed); 2104, 10/31; Patently Perverse, Pill-Popping Paster Pete Peters talking about taking collagen tablets & how some people use that to question his credibility. (Apparently this is important.) S20+ peaks

(Harold Frodge, Midland MI, USA, Drake R8B + 185' RW, ----- All logged by my ears, on my receiver, in real time & without the aid of a computer! -----, DX LISTENING DIGEST)

5085, S9+30 and parasite JBA spur carriers 5072.1 & 5097.9, Nov 3 at 1242, WTWW-2 is on at this odd hour with ``Blue Velvet`` --- has it been classic rock all night?

(Glenn Hauser, OK, DX LISTENING DIGEST)

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

[non-log]. 7505v, WRN0, on Nov 3, not heard for several days now; 1000+

(Ron Howard, Calif., Etón E1, antenna: 100' long wire, WOR iog via DXLD)

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

9370 kHz, 01/11 1854 UT - Rádio Munansi (Clandestina), via Manchester / Morrison, TN (WWRB), em Luganda, para Uganda. Locução masculina, Talks, me parecendo difusão de algum assuntos. 35433 (FJS)

(Francisco Jacson dos Santos, Iguaba Grande, Região dos Lagos, RJ, RX Yaesu FRG-7 ICON 718 DEGEN: 1103 ICOM 718 Antena: LogWire/3x5/8 21 99731-9633 c/WhatsApp/SWL, PY1PDF/PY1346SWL, radioescutas yg via DXLD)

[non] I doubt this was Radio Munansi unless you heard a definite ID. It's been off the air for many months, and so has 9370 WWRB altho still registered as available all day. Munansi used to be only on Saturday and Sunday, not Thursday. Current Aoki/NDXC schedule shows:

9370 VOA DEEWA RADIO 1300-1900 1234567 Pashto 250 300 Udon Thani  
THA 1725N10245E VOA/IBB Deewa R b18

73,

(Guilherme Glenn Hauser, ibid.)

**\*\* U S A [non]. AWR broadcasts in B-18, requested by MBR Media**

Broadcast FM0. fq sorted

|      |           |        |   |     |     |     |     |         |           |
|------|-----------|--------|---|-----|-----|-----|-----|---------|-----------|
| 5975 | 0400-0430 | 28SE   | F | ISS | 125 | 95  | 206 | 1234567 | Bulgarian |
| 6045 | 0430-0500 | 37,38W | D | NAU | 100 | 210 | 216 | 1234567 | French    |
| 6120 | 1900-2000 | 37,38W | D | NAU | 250 | 210 | 216 | 1234567 | Arabic    |

|      |           |        |   |     |     |     |     |         |           |
|------|-----------|--------|---|-----|-----|-----|-----|---------|-----------|
| 7205 | 1930-2000 | 37,38W | D | NAU | 125 | 210 | 216 | 1234567 | Tachelhit |
| 7220 | 0600-0630 | 46S    | F | ISS | 250 | 200 | 216 | 1234567 | French    |
| 7350 | 0300-0330 | 48     | D | NAU | 250 | 140 | 216 | 1234567 | Tigrinya  |
| 7375 | 0600-0630 | 46S    | F | ISS | 250 | 162 | 196 | 1234567 | French    |

|      |           |        |     |     |     |     |     |         |           |
|------|-----------|--------|-----|-----|-----|-----|-----|---------|-----------|
| 9610 | 1000-1100 | 28W    | D   | NAU | 100 | 180 | 216 | 1       | Italian   |
| 9770 | 1600-1630 | 41S    | BUL | SOF | 250 | 105 | 616 | 1234567 | English   |
| 9800 | 1730-1800 | 37,38W | F   | ISS | 125 | 180 | 196 | 1234567 | Kabyle    |
| 9830 | 1530-1600 | 41N    | BUL | SOF | 250 | 90  | 616 | 1234567 | Hindi     |
| 9830 | 1600-1630 | 28SE   | D   | NAU | 125 | 135 | 216 | 1234567 | Bulgarian |
| 9855 | 1530-1600 | 41E    | TJK | DB  | 100 | 137 | 418 | 1234567 | Oriya     |
| 9895 | 1900-1930 | 46W    | D   | NAU | 250 | 218 | 216 | 1234567 | Wolof     |
| 9905 | 1530-1600 | 41S    | ARM | ERV | 100 | 125 | 218 | 1234567 | Kannada   |

|       |           |        |     |     |     |     |     |         |           |
|-------|-----------|--------|-----|-----|-----|-----|-----|---------|-----------|
| 11730 | 1300-1330 | 42,43W | BUL | SOF | 250 | 75  | 616 | .23456. | Mandarin  |
| 11730 | 1300-1330 | 42,43W | BUL | SOF | 250 | 75  | 616 | 1.....7 | Uighur    |
| 11730 | 1330-1400 | 42,43W | BUL | SOF | 250 | 75  | 616 | 1234567 | Mandarin  |
| 11730 | 1400-1500 | 42,43W | D   | NAU | 250 | 75  | 216 | 1234567 | Mandarin  |
| 11870 | 1730-1800 | 48     | F   | ISS | 250 | 126 | 216 | 1234567 | Oromo     |
| 11880 | 0700-0730 | 46S    | F   | ISS | 250 | 170 | 196 | 1234567 | French    |
| 11945 | 1500-1530 | 41S    | BUL | SOF | 250 | 111 | 616 | 1234567 | Tamil     |
| 11945 | 1530-1600 | 41W    | BUL | SOF | 250 | 111 | 616 | 1234567 | Gujarati  |
| 11955 | 1630-1700 | 48     | D   | NAU | 250 | 139 | 216 | 1234567 | Tigrinya  |
| 11980 | 0700-0800 | 37,38W | D   | NAU | 125 | 210 | 218 | 1234567 | Arabic    |
| 11985 | 1500-1530 | 41S    | BUL | SOF | 250 | 105 | 616 | 1234567 | Telugu    |
| 12035 | 1630-1700 | 48     | D   | NAU | 250 | 141 | 216 | 1234567 | Amharic   |
| 15145 | 0830-0900 | 37,38W | D   | NAU | 100 | 210 | 218 | 1234567 | Tachelhit |
| 15160 | 0800-0830 | 37,38W | D   | NAU | 250 | 210 | 218 | 1234567 | Kabyle    |
| 15490 | 1630-1700 | 48     | F   | ISS | 250 | 122 | 211 | 1234567 | Somali    |

## time sorted

|       |           |        |     |     |     |     |     |         |           |
|-------|-----------|--------|-----|-----|-----|-----|-----|---------|-----------|
| 7350  | 0300-0330 | 48     | D   | NAU | 250 | 140 | 216 | 1234567 | Tigrinya  |
| 5975  | 0400-0430 | 28SE   | F   | ISS | 125 | 95  | 206 | 1234567 | Bulgarian |
| 6045  | 0430-0500 | 37,38W | D   | NAU | 100 | 210 | 216 | 1234567 | French    |
| 7220  | 0600-0630 | 46S    | F   | ISS | 250 | 200 | 216 | 1234567 | French    |
| 7375  | 0600-0630 | 46S    | F   | ISS | 250 | 162 | 196 | 1234567 | French    |
| 11880 | 0700-0730 | 46S    | F   | ISS | 250 | 170 | 196 | 1234567 | French    |
| 11980 | 0700-0800 | 37,38W | D   | NAU | 125 | 210 | 218 | 1234567 | Arabic    |
| 15160 | 0800-0830 | 37,38W | D   | NAU | 250 | 210 | 218 | 1234567 | Kabyle    |
| 15145 | 0830-0900 | 37,38W | D   | NAU | 100 | 210 | 218 | 1234567 | Tachelhit |
| 9610  | 1000-1100 | 28W    | D   | NAU | 100 | 180 | 216 | 1       | Italian   |
| 11730 | 1300-1330 | 42,43W | BUL | SOF | 250 | 75  | 616 | .23456. | Mandarin  |
| 11730 | 1300-1330 | 42,43W | BUL | SOF | 250 | 75  | 616 | 1.....7 | Uighur    |
| 11730 | 1330-1400 | 42,43W | BUL | SOF | 250 | 75  | 616 | 1234567 | Mandarin  |
| 11730 | 1400-1500 | 42,43W | D   | NAU | 250 | 75  | 216 | 1234567 | Mandarin  |
| 11945 | 1500-1530 | 41S    | BUL | SOF | 250 | 111 | 616 | 1234567 | Tamil     |
| 11985 | 1500-1530 | 41S    | BUL | SOF | 250 | 105 | 616 | 1234567 | Telugu    |
| 9830  | 1530-1600 | 41N    | BUL | SOF | 250 | 90  | 616 | 1234567 | Hindi     |
| 9855  | 1530-1600 | 41E    | TJK | DB  | 100 | 137 | 418 | 1234567 | Oriya     |
| 9905  | 1530-1600 | 41S    | ARM | ERV | 100 | 125 | 218 | 1234567 | Kannada   |
| 11945 | 1530-1600 | 41W    | BUL | SOF | 250 | 111 | 616 | 1234567 | Gujarati  |
| 9770  | 1600-1630 | 41S    | BUL | SOF | 250 | 105 | 616 | 1234567 | English   |
| 9830  | 1600-1630 | 28SE   | D   | NAU | 125 | 135 | 216 | 1234567 | Bulgarian |
| 11955 | 1630-1700 | 48     | D   | NAU | 250 | 139 | 216 | 1234567 | Tigrinya  |
| 12035 | 1630-1700 | 48     | D   | NAU | 250 | 141 | 216 | 1234567 | Amharic   |
| 15490 | 1630-1700 | 48     | F   | ISS | 250 | 122 | 211 | 1234567 | Somali    |
| 9800  | 1730-1800 | 37,38W | F   | ISS | 125 | 180 | 196 | 1234567 | Kabyle    |
| 11870 | 1730-1800 | 48     | F   | ISS | 250 | 126 | 216 | 1234567 | Oromo     |
| 9895  | 1900-1930 | 46W    | D   | NAU | 250 | 218 | 216 | 1234567 | Wolof     |
| 6120  | 1900-2000 | 37,38W | D   | NAU | 250 | 210 | 216 | 1234567 | Arabic    |
| 7205  | 1930-2000 | 37,38W | D   | NAU | 125 | 210 | 216 | 1234567 | Tachelhit |

**HFCC B-18 requests by AWR**

|      |      |      |               |     |     |     |     |     |         |     |       |
|------|------|------|---------------|-----|-----|-----|-----|-----|---------|-----|-------|
| 5970 | 0200 | 0230 | 40E,41NW      | MOS | 300 | 94  | 0   | 211 | 1234567 | Urd | AUT   |
| 5975 | 0230 | 0300 | 40E,41NW      | MOS | 300 | 94  | 0   | 211 | 1234567 | Pan | AUT   |
| 5975 | 0400 | 0430 | 28SE          | ISS | 125 | 95  | 0   | 206 | 1234567 | Bu1 | F     |
| 6045 | 0430 | 0500 | 37,38W        | NAU | 100 | 210 | 0   | 216 | 1234567 | Fra | D     |
| 6055 | 1400 | 1500 | 53            | MDC | 100 | 20  | 0   | 700 | 1234567 | Mlg | MDG   |
| 6065 | 0300 | 0400 | 53            | MDC | 100 | 20  | 0   | 700 | 1234567 | Mlg | MDG   |
| 6070 | 1900 | 2000 | 37,38W        | NAU | 250 | 210 | 0   | 216 | 1234567 | Ara | D     |
| 6070 | 2000 | 2030 | 46            | MOS | 300 | 210 | 0   | 211 | 1234567 | Dyu | AUT   |
| 6170 | 0330 | 0400 | 40            | MOS | 300 | 100 | 0   | 211 | 1234567 | Fas | AUT   |
| 6185 | 0400 | 0430 | 29S,39N,40W   | MOS | 300 | 115 | 0   | 211 | 1234567 | Tur | AUT   |
| 7205 | 1930 | 2000 | 37,38W        | NAU | 125 | 210 | 0   | 216 | 1234567 | Shi | D     |
| 7220 | 0600 | 0630 | 46S           | ISS | 250 | 200 | 15  | 216 | 1234567 | Fra | F     |
| 7225 | 1800 | 1900 | 38            | MOS | 300 | 175 | 0   | 211 | 1234567 | Ara | AUT   |
| 7270 | 2030 | 2100 | 46            | MOS | 300 | 205 | 0   | 211 | 1234567 | Fra | AUT   |
| 7270 | 2100 | 2130 | 46            | MOS | 300 | 205 | 0   | 211 | 1234567 | Eng | AUT   |
| 7275 | 1900 | 1930 | 46SE,47W      | MOS | 300 | 190 | 0   | 211 | 1234567 | Hau | AUT   |
| 7350 | 0300 | 0330 | 48            | NAU | 250 | 140 | 0   | 216 | 1234567 | Tir | D     |
| 7375 | 0600 | 0630 | 46S           | ISS | 250 | 162 | 0   | 196 | 1234567 | Fra | F     |
| 9445 | 1600 | 1630 | 40E,41NW      | MOS | 300 | 95  | 0   | 211 | 1234567 | Urd | AUT   |
| 9510 | 0000 | 0030 | 49E           | TRM | 125 | 75  | -15 | 216 | 1234567 | Tha | CLN   |
| 9515 | 2000 | 2030 | 37,38W        | MDC | 125 | 320 | 0   | 158 | 1234567 | Fra | MDG   |
| 9540 | 2100 | 2200 | 33S,43N,44N   | TRM | 125 | 15  | 0   | 146 | 1234567 | Cmn | CLN   |
| 9610 | 1000 | 1100 | 28W           | NAU | 100 | 180 | 0   | 216 | 1       | Ita | D     |
| 9630 | 0500 | 0530 | 46SE,47W      | MOS | 300 | 190 | 0   | 217 | 1234567 | Hau | AUT   |
| 9730 | 1500 | 1530 | 41S           | TRM | 125 | 345 | 0   | 146 | 1234567 | Tam | CLN   |
| 9740 | 1500 | 1530 | 41N           | TRM | 125 | 15  | 0   | 146 | 1234567 | Nep | CLN   |
| 9770 | 1600 | 1630 | 41S           | SOF | 250 | 105 | 15  | 616 | 1234567 | Eng | BUL   |
| 9770 | 1630 | 1700 | 40            | MOS | 300 | 115 | 30  | 218 | 1234567 | Fas | AUT   |
| 9780 | 1930 | 2000 | 47,48W,52,53W | MOS | 300 | 170 | 0   | 211 | 1234567 | Fra | AUT   |
| 9780 | 2000 | 2030 | 46E,47W       | MEY | 250 | 330 | -15 | 216 | 1234567 | Fra | AFS   |
| 9780 | 2030 | 2100 | 46SE          | MEY | 250 | 330 | -15 | 216 | 1234567 | Yor | AFS   |
| 9800 | 1730 | 1800 | 37,38W        | ISS | 125 | 180 | 18  | 196 | 1234567 | Kab | F     |
| 9830 | 1530 | 1600 | 41N           | SOF | 250 | 90  | 0   | 616 | 1234567 | Hin | BUL   |
| 9830 | 1600 | 1630 | 28SE          | NAU | 125 | 135 | 0   | 216 | 1234567 | Bu1 | Dx301 |
| 9850 | 1930 | 2000 | 46SE          | MEY | 250 | 330 | -15 | 216 | 1234567 | Ibo | AFS   |
| 9855 | 1530 | 1600 | 41E           | DB  | 100 | 137 | 0   | 418 | 1234567 | Ori | TJK   |
| 9895 | 1900 | 1930 | 46W           | NAU | 250 | 218 | 0   | 216 | 1234567 | Wo1 | D     |
| 9905 | 1530 | 1600 | 41S           | ERV | 100 | 125 | 0   | 218 | 1234567 | Kan | ARM   |

|       |      |      |                    |     |     |     |     |     |         |     |     |
|-------|------|------|--------------------|-----|-----|-----|-----|-----|---------|-----|-----|
| 11035 | 1630 | 1700 | 48 [FQ SIC! gh]    | NAU | 250 | 139 | 0   | 216 | 1234567 | Tir | D   |
| 11720 | 1700 | 1728 | 48SW, 53NW         | MDC | 250 | 330 | 10  | 158 | 1234567 | Swa | MDG |
| 11730 | 1330 | 1500 | 42, 43W            | NAU | 250 | 75  | 0   | 216 | 1234567 | Cmn | D   |
| 11790 | 1930 | 2000 | 46S                | MEY | 250 | 320 | -30 | 216 | 1234567 | FuL | AFS |
| 11800 | 1700 | 1730 | 48SW, 53NW         | MEY | 250 | 19  | 12  | 411 | 1234567 | Swa | AFS |
| 11825 | 1200 | 1300 | 44NE, 45NW         | TRM | 125 | 45  | -30 | 217 | 1234567 | Kor | CLN |
| 11870 | 1730 | 1800 | 48                 | ISS | 250 | 126 | 0   | 216 | 1234567 | Orm | F   |
| 11880 | 0600 | 0700 | 38                 | MOS | 300 | 175 | 0   | 217 | 1234567 | Ara | AUT |
| 11880 | 0700 | 0730 | 46S                | ISS | 250 | 170 | 8   | 196 | 1234567 | Fra | F   |
| 11935 | 1300 | 1400 | 43N, 44N           | TRM | 125 | 45  | -30 | 217 | 1234567 | Cmn | CLN |
| 11945 | 1330 | 1400 | 41NE               | TRM | 125 | 25  | 10  | 206 | 1 4     | Asm | CLN |
| 11945 | 1330 | 1400 | 41NE               | TRM | 125 | 25  | 10  | 206 | 56      | Hmn | CLN |
| 11945 | 1330 | 1400 | 54N                | TRM | 125 | 90  | 0   | 217 | 23 7    | Ind | CLN |
| 11955 | 1500 | 1530 | 29S, 39N, 40W      | MOS | 300 | 115 | 0   | 217 | 1234567 | Tur | AUT |
| 11955 | 1530 | 1600 | 40E, 41NW          | MOS | 300 | 95  | 10  | 218 | 1234567 | Pan | AUT |
| 11980 | 0700 | 0800 | 37, 38W            | NAU | 125 | 210 | 0   | 218 | 1234567 | Ara | D   |
| 11985 | 1500 | 1530 | 41S                | SOF | 250 | 105 | 15  | 616 | 1234567 | TeL | BUL |
| 11985 | 1530 | 1600 | 41N, 42S           | TRM | 125 | 25  | 10  | 206 | 56      | Bod | CLN |
| 11985 | 1530 | 1600 | 41N, 42S           | TRM | 125 | 25  | 10  | 206 | 1234 7  | Eng | CLN |
| 11985 | 1600 | 1630 | 41N                | TRM | 125 | 345 | 0   | 146 | 1234567 | Urd | CLN |
| 11985 | 1900 | 2000 | 38E, 39, 47N, 48N  | MDC | 250 | 340 | -10 | 157 | 1234567 | Ara | MDG |
| 12025 | 1400 | 1430 | 40E, 41NW          | MOS | 300 | 95  | 0   | 217 | 1234567 | Urd | AUT |
| 12035 | 1530 | 1600 | 41                 | TRM | 125 | 345 | 0   | 146 | 1234567 | Mar | CLN |
| 12035 | 1630 | 1700 | 48                 | NAU | 250 | 141 | 0   | 216 | 1234567 | Amh | D   |
| 15145 | 0800 | 0830 | 37, 38W            | MOS | 300 | 225 | 0   | 217 | 1234567 | Fra | AUT |
| 15145 | 0830 | 0900 | 37, 38W            | NAU | 100 | 210 | 0   | 218 | 1234567 | Shi | D   |
| 15150 | 1500 | 1530 | 41N                | MDC | 250 | 40  | -10 | 158 | 1234567 | Pan | MDG |
| 15155 | 1830 | 1900 | 48SW, 52E, 53NW    | TRM | 125 | 255 | -15 | 216 | 1234567 | Eng | CLN |
| 15160 | 0800 | 0830 | 37, 38W            | NAU | 250 | 210 | 0   | 218 | 1234567 | Kab | D   |
| 15180 | 1430 | 1500 | 49NW               | TRM | 125 | 45  | -30 | 217 | 1234567 | Kxf | CLN |
| 15215 | 1430 | 1500 | 49NW               | TRM | 125 | 60  | -30 | 217 | 1234567 | Mya | CLN |
| 15250 | 1500 | 1530 | 41NE               | TRM | 125 | 25  | 10  | 206 | 1234567 | Lus | CLN |
| 15255 | 1400 | 1430 | 41S                | MDC | 250 | 55  | 5   | 158 | 1234567 | Sin | MDG |
| 15360 | 1630 | 1700 | 41N                | TRM | 125 | 345 | 0   | 206 | 2 4 6   | Pus | CLN |
| 15360 | 1630 | 1700 | 41NW               | TRM | 125 | 335 | -10 | 206 | 1 3 5 7 | Snd | CLN |
| 15400 | 1200 | 1230 | 49                 | TRM | 125 | 60  | -30 | 216 | 1234567 | Mnw | CLN |
| 15430 | 1230 | 1300 | 41NE               | TRM | 125 | 25  | 10  | 206 | 23 5 7  | Ben | CLN |
| 15430 | 1230 | 1300 | 41NE               | TRM | 125 | 25  | 10  | 206 | 1 4 6   | Mni | CLN |
| 15430 | 1300 | 1330 | 41NE               | TRM | 125 | 25  | 10  | 206 | 1234567 | Nep | CLN |
| 15480 | 1300 | 1330 | 42, 43W            | SOF | 250 | 75  | -15 | 616 | 23456   | Cmn | BUL |
| 15480 | 1300 | 1330 | 42, 43W            | SOF | 250 | 75  | -15 | 616 | 1 7     | Uig | BUL |
| 15490 | 1630 | 1700 | 48                 | ISS | 250 | 122 | 0   | 211 | 1234567 | Som | F   |
| 15490 | 1730 | 1800 | 48SW, 53NW         | MEY | 250 | 20  | 30  | 216 | 1234567 | Mas | AFS |
| 15500 | 0300 | 0330 | 48                 | TRM | 125 | 270 | 0   | 216 | 1234567 | Orm | CLN |
| 15500 | 0400 | 0430 | 48                 | TRM | 125 | 270 | 0   | 216 | 1234567 | Amh | CLN |
| 15525 | 1530 | 1600 | 41W                | TRM | 125 | 335 | -10 | 206 | 1234567 | Guj | CLN |
| 15610 | 1130 | 1200 | 49N                | TRM | 125 | 45  | -30 | 217 | 1234567 | Shn | CLN |
| 15625 | 0100 | 0130 | 32S, 33S, 43N, 44N | TRM | 125 | 25  | 10  | 206 | 67      | Cmn | CLN |
| 15625 | 0100 | 0130 | 32S, 33S, 43N, 44N | TRM | 125 | 25  | 10  | 206 | 12345   | Nan | CLN |
| 15625 | 0130 | 0200 | 32S, 33S, 43N, 44N | TRM | 125 | 25  | 10  | 206 | 7       | Cmn | CLN |
| 15625 | 0130 | 0200 | 32S, 33S, 43N, 44N | TRM | 125 | 25  | 10  | 206 | 123456  | Yue | CLN |
| 15680 | 1530 | 1600 | 41S                | MDC | 250 | 35  | -15 | 158 | 1234567 | MaL | MDG |

|       |      |      |                |     |     |     |     |     |         |     |     |
|-------|------|------|----------------|-----|-----|-----|-----|-----|---------|-----|-----|
| 17570 | 2000 | 2030 | 46SW           | MDC | 250 | 295 | 15  | 158 | 1234567 | Mos | MDG |
| 17605 | 1430 | 1500 | 48             | MOS | 300 | 140 | 0   | 217 | 1234567 | Aar | AUT |
| 17670 | 1300 | 1400 | 43S,49         | MDC | 250 | 65  | 15  | 158 | 1234567 | Vie | MDG |
| 17730 | 1530 | 1600 | 41             | MDC | 250 | 45  | -20 | 157 | 1234567 | Hin | MDG |
| 17730 | 1600 | 1630 | 41             | MDC | 250 | 35  | -15 | 158 | 1234567 | Eng | MDG |
| 17780 | 0500 | 0600 | 38E,39,47N,48N | TRM | 250 | 300 | 30  | 216 | 1234567 | Ara | CLN |

(wb df5sx, wwdxc BC-DX TopNews Oct 26)

(BC-DX 1 Nov laboriously realigned by Glenn Hauser for DX LISTENING DIGEST)

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

660, Nov 3 at 1253 UT, political ad in English with Navajo accent, then canned Ace Hardware jingle and ad, from KTNN Window Rock AZ. Usual suspicions about this 50 kW failing to protect NYC when I get it over night path; sunrise here 1257; FCC sunrise for KTNN in Nov, 1345 UT (December: 1415). Also, Arizonans have noticed KTNN missing sporadically, good for DX

(Glenn Hauser, OK, WORLD OF RADIO 1955, DX LISTENING DIGEST)

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

Before we get to the loggings this issue, I want to respond to four inquiries concerning my note in Issue 2 concerning WBBM 780's move to the WSCR 670 tower, and why WBBM has to decrease their power levels.

One of the inquiries came from Richard Clark, who wrote: "I suspect that the mathematical relationship would be something like 'X varies inversely with Y.' Thus if 35 kW equals .7 X 50 kW, this would be due to the WSCR tower being approx 1.43 times as tall as the WBBM tower?"

Not quite. According to FCC data, the current WBBM tower is 680 feet or 207.64 meters (electrical height: 194.1 degrees). WSCR's tower is 742 feet or 226.2 meters (electrical height for 780 kHz: 211.7 deg).

It's true that WSCR's tower is only about 60 feet taller (NOT 1.7 times taller, height nor electrical degrees), but other factors had to be taken into consideration. As I pointed out to Richard (and the others), that when any current station (whether Class A or D) applies for new facilities, they have to accommodate all current stations +/- 20, or maybe even +/- 30 kHz, just as if they were a new station.

After reading the application data on the FCC web site, I've seen that one of those factors was that if they kept the 50 kW on WSCR's tower, both day and night signals would increase to the point where other stations on co- and adjacent-channels would be affected. So, in order to avoid overlap, the WBBM engineers calculated the 35 kW daytime and 42 kW nighttime would be the maximum allowed so as not to interfere with other stations.

Since WBBM has been on 780 with 50 kW since 1941, they have enjoyed the privilege of having all other stations in that frequency range giving them protection. Now, it's their turn to wriggle a little bit.

Some of those stations that had to be considered were 750 in Portage, IN, 770 in St. Louis, 780 in Cookeville, Tennessee and Norfolk, Nebraska plus others on 790 and 800.

Many of those stations are daytimers, or during their night operation have had to protect WBBM all those years. The new WBBM power levels were, no doubt, figured to be the points at which they could 'accommodate' protection to them. If anyone else cares to join in, let's hear from you

(Bill Hale, NRC DX News Nov 12, published Nov 3, via DXLD)

**\*\* U S A [Re 18-44].**

Formerly silent stations informing the FCC that they are back on the air:

830 WUMY TN Memphis – Silent Sept. 30; back on the air Oct. 2.

(AM Switch, NRC DX News Nov 12, published Nov 3, via DXLD)

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

830, Nov 3 at 1255 UT, looping NW/SE, discussion of oil and water production, soon lapsing into creationism and plug for ICR, and more overt gospel-huxtering. DF and format make this have to be nothing but KUYO Evansville (Casper market) WY; no sign of MN, TN or LA 830s now at Enid sunrise. Trouble is, KUYO is supposed to be a 25 kW daytimer (CH: 9.2 kW) and no PSRA known. FCC shows not supposed to be on air until 1400 UT (December: 1430). God'll get'em for that? Yeah, sure (Glenn Hauser, OK, WORLD OF RADIO 1955, DX LISTENING DIGEST)

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

840, Nov 1 at 1245 UT, ``102.9, más música y variedad --- en español, el motivador``. Must be US station, as a Mexican would never need to say it's in Spanish! Loops E/W. NRC AM Log shows it's KJFA Belén, Nuevo México, 1800/30 watts U1, slogan as Éxitos 102.9. Yes, of course, it's way pre-sunrise there, so on day power? Official sunrise is not until an hour later, 1345 UT! (December: 1400). First time I've heard it here; KJFA-840 is successor to KARS-860 Belén. Now for Albuquerque market, address for the cluster at 4125 Carlisle NE, which I think used to host KHFM i.a.

I thought 102.9 would be a translator, even on Sandia Crest, but no, KJFA-FM is 3.7 kW ERP horizontal only, licensed to Pecos NM, on the other side of SC, so how does that get into ABQ? FCC coverage map shows it does not, and barely into Santa Fe and Las Vegas

(Glenn Hauser, OK, WORLD OF RADIO 1955, DX LISTENING DIGEST)

Hi Glenn, Thx for confirming for me that the SS I've heard under KTIC [Nebraska] and sometimes also having to make it past KMPH [California] on 840 is likely from NM. Now to go back over many recordings and see if I can ID it.

(Neil Kazaross, Nov 1, DX LISTENING DIGEST)

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

870, Nov 1 at 1225 UT, weather in the 20s and 30s, snow, mention northern Wisconsin, so this sure isn't WWL. First on R75, then switch to DX-398 to get a bearing. Yes, with WWL nulled. 1228 UT more such weather, highs in 40s. 1231 UT TC for 7:31 =CDT, now 25 degrees, mention Minnesota. This is certainly KPRM Park Rapids MN, 50/2.5 kW U2. Suspect on 50 kW ND day pattern as night nulls south. But official FCC November sunrise is not until 1315 UT! Even in October it was 1230 UT, so I should not have been hearing it already at 1225. December will be 1400 UT which they will probably also precede

(Glenn Hauser, OK, WORLD OF RADIO 1955, DX LISTENING DIGEST)

On 870 this morning per recording KPRM popped out of nowhere clobbering KLSQ [Nevada] at 1219 so day power came on early. 73 KAZ Barrington IL Perseus and DKAZ aimed due west (Neil Kazaross, Nov 1, DX LISTENING DIGEST)

\*\* U S A.

A reminder, should anyone want to QSL WBZ, that the station recently moved and has a new address and engineering team.

WBZ

1 Cabot Road, Suite 320 Medford MA 02155 781-663-2500

(and if you've known me for any length of time, you know how very hard it is for me to type anything other than "1170 Soldiers Field Road!") Attn: John Mullaney would probably get the QSL request to the right place. s

(Scott Fybush, ABDX? via DXLD)

\*\* U S A.

1040, Nov 3 at 1259 UT, super-hype voice-actor intones, ``live from studios in Colorado Springs, Colorado ---``, i.e. KCBR CoL Monument CO, 15 kW hip-hop daytimer. You guessed it, another cheater before official FCC November sunrise of 1345 (December: 1415). But even so, CH of only 2 kW for two hours after legal sunrise (Glenn Hauser, OK, DX LISTENING DIGEST) 0, it`s no longer hip-hop format; did not listen long enough to ascertain (gh) Viz.:

AM Log update:

1040 KCBR CO Monument – Format to CLR/Comedy (ex-HipHop); networks to TDC; Group to Grp=Hits & Giggles 98.5 & 95.7 (ex-Grp= Blazin' 98.5). (Wayne Heinen, NRC DX News Nov 12, published Nov 3, via DXLD)

\*\* U S A.

1360, WMOB, AL, Mobile - 10/28 1930 EDT [2330 UT Oct 29] - Cranking out the full 9 kW after sundown with Bible-teaching program. Confirmed by webstream. This station has literally been cheating for over 27 years now, at least, and has almost become as reliable an Alabama logging as WVNN-770 or WAPI-1070 (Rick Dau, DXing on the Muscatine, Iowa, KiwiSDR adding to the Davenport, Iowa logbook (452 domestics, 467 loggings overall), ABDX yg via DXLD)

\*\* U S A.

1540, 18.10 0601, KGBC Galveston TX has been around for quite some time this fall, but usually heavily interfered by the other stations on 1540. Its high offset (typically around .1145) helps a bit, but it has not been easy to ID with the shorter antennas.

However, on Loran is was quite easy and I realized that it IDs quite regularly – like this one: “This is KGBC Galveston Houston 15-40 AM ... 101.7 FM – 24/7 on your radio, this is Puro Tejano 101.7 FM and 15-40 AM” and after the next song: “You wanted it, now you got it – Houston’s only 24 hour Tejano and ... Puro Tejano 101.7 FM and 15-40 AM” (Odd-Jørgen Sagdahl, Trondheim, 1000 meters @ 305 degrees at the old Loran C site in Berlevåg ARC mv-eko 5 November via DXLD)

This is only one of hundreds of USA MW logs reported by him and others in Scandinavia; I pick it out because of the frequency offset; any night, at least the het KGBC produces can be heard here (gh, DXLD)

\*\* U S A. NYT: My Love Affair With AM Radio

Great opinion piece in the NY Times today. It echoes my own feelings in much the same way.

<https://www.nytimes.com/2018/11/01/opinion/am-radio-coast-to-coast.html> 73, (Les Rayburn, N1LF, AL, Nov 1, WTFDA via DXLD) viz.:

Opinion --- My Love Affair With AM Radio

I hate that it has been so completely taken over by loud angry white guys. And yet late at night, I still listen.

By Erin Aubry Kaplan Contributing Opinion Writer Nov. 1, 2018

LOS ANGELES – Like many people who grew up in the 1970s, I came of age with AM radio. Everybody I knew – the black kids on my block, the white and Asian kids at my junior high school – followed the Top 40 and discussed the merits of the newest releases by Elton John and Eddie Kendricks.

It was not a perfectly integrated picture, Elton John and Eddie Kendricks notwithstanding. Soul radio – XPRS, KDAY – was the black counterpoint to the more mainstream Top 40 stations that were racially re-stratifying after the great pop music commingling of the '60s. Still, AM remained a common geography, its stations places we all visited. It was the campfire we sat around.

At home, the kitchen-counter radio was always tuned to KABC. It aired restaurant shows, call-in psychologist shows, news shows, all featuring sophisticated discussions of things I had only vague ideas about. My mother listened while she ironed or cooked or sat at the table paying bills. The radio was her company, and because I admired her (but didn't quite know how to talk to her), it became mine, too.

To my ears the hosts – people like Michael Jackson, Dr. Toni Grant, Geoff Witcher – sounded like my mother: impassioned but thoughtful, often witty, opinionated but not obnoxiously so. They were mostly white, I knew, but they still seemed knowable; if not exactly friends, then certainly kindred spirits. Since this was radio, color didn't intrude or intimidate the way it usually did. I could forge relationships with unlikely people in the same way Top 40 allowed me to forge relationships with unlikely music. Talk radio was a campfire, too, a community built on a shared understanding of the world shaped by regular listening.

I listened to everything – even Ray Briem, whose late-night show prefigured conservative talk radio and whom I barely comprehended – and I expected to be heard in return, even if I didn't agree with every point made and even though I never actually called in. There was always a back and forth, a sense that hosts and listeners were on the same plane. That was the pact I had with AM.

More than 40 years later I am still trying to hold AM to that pact. It's a fool's errand. The encompassing AM radio of my youth is long gone, sacrificed to the media infrastructure the hard right started building in earnest in the 1980s. Its talk shows have become synonymous with unrepentant conservatism and uncivil conversation mediated mostly by loud white guys, and no one is invited in who doesn't already subscribe. Even the music played on AM – from country to perfectly good jazz – feels tainted by association.

I am not in denial about AM; I've criticized its propagandizing, abetting of racism and outright lies plenty of times. The offenses of Rush Limbaugh and his ilk are as personal as they are political. How, or more important, why did a landscape that was once accessible to all become so toxically white?

The de-evolution of radio is of course the de-evolution of America, as the atmosphere has shifted from potentially inclusive to proudly noninclusive. The shift – or rather, the reassertion of racial isolation that has always been with us – has been angering, sometimes bewildering. I feel like someone cut me off from my own past without my permission.

Still, I listen.

I never stopped listening, because I refuse to give up my stake in a world that formed me. I hate how the relationship has deteriorated through the years, but I won't agree to the divorce. Not yet.

It has been years since I've been able to listen to the daytime loudmouths – they offend my sense of nostalgia too much. But I find a thread of hope at night, in the old Ray Briem time slot. Late night, with its expanding quiet, feels inscribed with possibility, maybe even a bit of magic. And so I turn on my old bedside clock radio and settle in for "Coast to Coast AM."

It is the last show of the day, and is four hours long – more chances for magic to happen. But not right away. The show's opening segments tend to be condemnations of climate-change science or warnings about the deep state, and they make me wince. But then come discussions of topics that fascinate and entertain me – ancient aliens, remote viewing, ghosts, monsters, life after death, shadow people, assassination conspiracies, the lost island of Atlantis.

Crazy, sure, but it's an imaginative crazy that I much prefer to the current political craziness that is bitter and mean and can imagine nothing outside of itself.

"Coast to Coast" first caught my ear in the '90s when its original host, Art Bell, was broadcasting out of a remote Nevada town called Pahrump that he liked to call the Kingdom of Nye. The epicness appealed to me, and though Mr. Bell certainly leaned conservative, he was mainly interested in big stories and mysteries that could keep you up all night listening. One of his obsessions was the harrowing effect of global warming, something that eventually got scrubbed from "Coast to Coast" as the show became more nakedly partisan. But the spirit of inquiry survives, enough for me to keep tuning in.

I always half expect that one night Trumpism will join the lineup of strange, negative-energy phenomena, to be debated right alongside curses and devil worship. On the other hand, any discussion of Donald Trump would break the magic. By the middle of the night the earthbound politics have fallen away. By 2 a.m., if I'm still awake, it feels as if George Noory, the main host of "Coast to Coast," and I are two circumspect but rapt listeners who are willing to consider each philosophy or theory being offered up every hour, even those that contradict each other, like Christianity and witchcraft. And I am buoyed to feel once again part of a community that, instead of prescribing a certain version of the world, is trying to figure out the world together.

Of course morning comes, drive time starts and divisions loudly reassert themselves. But I'm already looking – and listening – beyond the noise to the night and to the possibilities that loom, again.

Erin Aubry Kaplan, a contributing opinion writer, teaches writing at Antioch University, Los Angeles, and is the author of "Black Talk, Blue Thoughts and Walking the Color Line" and "I Heart Obama."

A version of this article appears in print on Nov. 2, 2018, on Page A27 of the New York edition with the headline: My Love Affair With AM Radio

(via David Cole, OK, DXLD)

Hi Les, Good article. A year ago here in and around Prescott AZ, we had a bad wildfire just before the Monsoon season (Goodwin Fire). We have 3 AMBC radio stations in the area. This fire grew rapidly due to wind and 40 years of brush growth. We made the national news.

The communities around here were in panic not knowing whether to evacuate or to be prepared to evacuate. The county authorities obviously failed to have any connections to these AM stations.

As the fire was raging and spreading, our 3 AMBC stations were playing Sean Hannity, Mark Levin and praising glory to Christ and send us money.

My neighborhood was under pre-evacuation orders, known once I got hold of the RACES/ARES operation at the county offices. Meanwhile a number of neighbors were in panic evacuating the neighborhood because they had incorrectly programmed their "Red Alert" app on their phones (set default of Post Office) that had instructed them to evacuate.

I should look into when these stations are to renew their licenses. A letter would be appropriate.

I was so pleased at 4 AM this morning to hear 1010 CBR in Calgary AB (1127 mi) broadcasting intelligent information about some place that did not matter. I will report later. I got a new Old toy and having fun. 73

(Art Jackson KA5DWI/7 near Prescott Valley AZ, Nov 3, ABDX yg via DXLD)

Art, your email about the difficult situation faced by those in the Prescott area last year brings to my mind -- and I'm sure this is well-known -- what happened a few years ago in Minot, North Dakota.

For those who DON'T know, 30 railcars that were carrying anhydrous ammonia derailed just to the west of Minot in the wee hours of January 18, 2002. Five of those ruptured and released toxic clouds of gas over the city. One person was killed and 11 were seriously injured. But the local radio stations -- all owned by Clear Channel (as it was called at the time), imagine THAT! -- had automated programming going and none of them issued any sort of emergency warnings to the public for several hours. Check out the Response section under "Minot train derailment" on Wikipedia for more of the details, and it'll make the hair stand up on the back of your neck.

**NOW --- contrast THAT with one of my locals, KMA 960 in Shenandoah, Iowa, which consistently gets gold stars from me during severe storm season for their coverage of bad weather. Two (sometimes three) guys, live in studio, giving radar updates, taking phone calls on air from the public regarding storm damage, etc. And they STAY with the severe storm coverage until the very last of the storms have exited the immediate area covered by their signal. An outstanding example of the type of service that only LOCAL radio can provide. 73, (Rick Dau, South Omaha, Nebraska, ibid.)**

**\*\* U S A. FCC Fines Amateur Radio Licensee \$25,000 for Operating Unlicensed FM Station --- ARRL 11/01/2018**

In an FCC Enforcement Bureau case going back to early 2015, a Paterson, New Jersey, Amateur Radio licensee has been penalized in the amount of \$25,000 for allegedly continuing to operate an unlicensed FM radio station. The FCC issued a Forfeiture Order <https://docs.fcc.gov/public/attachments/DA-18-1104A1.pdf> on October 30 to Winston A. Tulloch, KC2ALN, a General class licensee. The fine followed an April 2018 Notice of Apparent Liability for Forfeiture(NAL)

[https://apps.fcc.gov/edocs\\_public/attachmatch/DA-18-405A1.pdf](https://apps.fcc.gov/edocs_public/attachmatch/DA-18-405A1.pdf) issued to Tulloch for alleged "willful and repeated violation" of Section 301 of the Communications Act of 1934, as amended, by operating an unlicensed FM radio station on 90.9 MHz in Paterson. Tulloch did not respond to the NAL, the FCC indicated.

"Commission action in this area is essential because unlicensed radio stations do not broadcast Emergency Alert Service messages and therefore create a public safety hazard for their listener," the FCC said in the Forfeiture Order. "Moreover, unlicensed radio stations create a danger of interference to licensed communications and undermine the Commission's authority over broadcast radio operations."

Following up on February 2015 complaints regarding pirate radio operations in Paterson, FCC agents spotted a signal on 90.9 MHz that "appeared to be an unauthorized radio station." Agents determined the signal was emanating from a multi-family dwelling and noticed an FM antenna on the structure. The measured field strength exceeded the limits allowed for Part 15 unlicensed devices.

Through a solicitation broadcast on the station for advertisers and a vehicle parked outside the building, the FCC agents were able to determine that the telephone number in the announcement belonged to Tulloch, and the car was registered in his name. FCC agents made several visits to Paterson in late 2015 and early 2016. In October of 2016, agents returned to Paterson and determined that the signal source had relocated to another nearby multi-family structure. A Notice of Unlicensed Operation (NOUO) was posted on the door of the building and the following month, the FCC mailed an NOUO to Tulloch.

Subsequent visits revealed that the station was still in operation, and, at some point, had moved back to its prior location. Additional NOUOs were issued. Finally, on September 15, 2017, two agents returned to Paterson and determined that the station no longer was on the air.

In the Forfeiture Order, the FCC incorporated by reference the details of the investigation spelled out in the earlier NAL.

The Tulloch case is among dozens that the FCC Enforcement Bureau has initiated in the past couple of years in efforts to shut down pirate broadcasters across the US, the vast majority of which are not FCC amateur licensees

(via Mike Terry, WOR iog via DXLD)

## VATICAN

\*\* **VATICAN**.

7365, Nov 3 at 2139, VR IS and off at 2140\*. Scheduled only until 2130 for Portuguese, 234 degrees from SMG to CIRAF 46W where the only Portuguese-speaking country is Guinea-Bissau. Was there a dekaminute of IS, or additional programming?

(Glenn Hauser, OK, DX LISTENING DIGEST)

## YEMEN

\*\* **YEMEN [non]**.

Re: Updates from Syria and Yemen Radios - [VOICE OF THE REPUBLIC]

Congratulations and thanks to Rawad, David, Kai and Roger for their work on this story, which is something of a scoop! I think there can be little doubt that 1170 is from the 800 kW transmitter at the Al-Dhabbaya site in the UAE. I note that MWLIST says the station is on the air at 1400-0500 (i.e. hours of darkness for skywave coverage of Yemen):

[https://www.mwlist.org/mwlist\\_quick\\_and\\_easy.php?area=1&kHz=1170](https://www.mwlist.org/mwlist_quick_and_easy.php?area=1&kHz=1170)

The satellite feed is on Eutelsat 7 West A at 7.3 west, often (though incorrectly) referred to in the Middle East as "Nilesat", because it is in almost the same orbital position as Nilesat 201 at 7.0 west, and many satellite users say they have a "Nilesat dish" pointing at that position

(Chris Greenway, England, Nov 1, WOR iog via WORLD OF RADIO 1955, DX LISTENING DIGEST)

I can add that although the relay on 1170 doesn't appear to be active 24/7, the satellite feed (and presumably the FM relays) is

(Chris Greenway, WOR iog via WORLD OF RADIO 1955, DX LISTENING DIGEST)

Yes, thank you. In any case, the broadcast of this station started with a transmitter on FM 93.1 in May of this year. Here is the founder to see: Brigadier General Tariq Mohammed Abdullah Saleh (QTH: City of Al-Maha, at the western coast of Taiz province)

<http://www.sahafah24.net/show1439561.html>

(roger, germany, WOR iog via DXLD)

Yes, around 10th May also on 1170 kHz, I found the attached test ID on my May recordings: [linked] 73, (Mauno Ritola, Finland, WOR iog via DXLD) EZL music and ID in Arabic, audible on the WOR iog

(gh, DXLD)

MIDOMI-TREFFER auf der 1170 kHz:

<https://www.midomi.com/index.php?>

[action=main.track&track\\_id=100341638573445380&from=voice\\_search](https://www.midomi.com/index.php?action=main.track&track_id=100341638573445380&from=voice_search) Ayoub Tarash  
- "Das gastfreundliche Haus"

".....Ayoub Tarish Absi ist ein berühmter jemenitischer Sänger und Melodist aus der Gegend von Al-Aboos im Gouvernement Ta'izz. Tarisch komponierte United Republic, die Nationalhymne der Demokratischen Volksrepublik Jemen und der Republik Jemen nach der jemenitischen Wiedervereinigung." Wikipedia  
(Englisch)

Nicht weiter verwunderlich, denn die "Stimme der Republik" ist ein Sender der "Yemeni National Resistance".

[https://en.wikipedia.org/wiki/National\\_Resistance](https://en.wikipedia.org/wiki/National_Resistance)

[https://commons.wikimedia.org/wiki/File:Yemeni\\_Civil\\_War.svg](https://commons.wikimedia.org/wiki/File:Yemeni_Civil_War.svg)

[https://upload.wikimedia.org/wikipedia/commons/9/96/Yemeni\\_Civil\\_War.svg](https://upload.wikimedia.org/wikipedia/commons/9/96/Yemeni_Civil_War.svg)

(Gebiete unter Huthi-Kontrolle in Grün)

22.57z kurz vor der ID ein weiterer Song von Ayoub Tarash:

[https://www.midomi.com/index.php?](https://www.midomi.com/index.php?action=main.track&track_id=100874562846962362&from=voice_search)

[action=main.track&track\\_id=100874562846962362&from=voice\\_search](https://www.midomi.com/index.php?action=main.track&track_id=100874562846962362&from=voice_search)

Ein "Heimat"-verbundenes Lied mit "...al watan yemenia.."

(roger, germany, WOR iog via DXLD)

Re 1170: Thanks, Chris. I'm surprised VIRI/IRIB doesn't seem to have a specific Arabic broadcast for Yemen, in the way they have for Bahrain and Palestine. There's no mention of one in the frequency schedule on their website, although the Bahrain transmission is not specified there either, however Neda al-Bahrain does have its own website with time and frequency details

(David Kernick, Interval Signals Online, WOR iog via DXLD)

Hi, Dave. Yes, that is interesting. However, Iran has always denied or played down its backing for the rebels in Yemen, so that might explain why they haven't set up a special service. I can add that although the relay on 1170 doesn't appear to be active 24/7, the satellite feed (and presumably the FM relays) is

(Chris Greenway, *ibid.*)

Re: [WOR] Updates from Syria and Yemen Radios - [VOICE OF THE REPUBLIC] Am 02.11.2018 um 10:32 schrieb Wolfgang Bueschel: > Welche Richtung wird hier bedient ?

Die Schlüsselinformation steht hier:  
<http://www.sahafah24.net/show1439561.html> "...Brigadegeneral Tariq Mohammed Abdullah Saleh, welcher als "Wächter der Republik" bekannt geworden ist, hat an der Westküste einen Radiosender gegründet...."

Es ist eine Station der RNF, also pro-Hadi und anti-Houthi.  
[WORLD OF RADIO 1955]

Aktivitäten Dezember 2017-Mai 2018:

<https://www.acleddata.com/2018/05/10/tareq-salehs-national-resistance-forces/>

Sawt Al Jomhuria am 13. Mai 2018 dann auf 93.1 FM in Al Mukha.

Aktivitäten Dezember 2017 - Juli 2018:

<https://www.acleddata.com/2018/07/20/who-are-the-uae-backed-forces-fighting-on-the-western-front-in-yemen/>

Sawt Al Jomhuria am 5. Juni 2018 dann auf 104.1 FM in Hodeidah und // 1170 kHz aus UAE.

**Außerdem:**

[https://en.wikipedia.org/wiki/Template:Yemeni\\_Civil\\_War\\_detailed\\_map](https://en.wikipedia.org/wiki/Template:Yemeni_Civil_War_detailed_map)

Karte zu aktuellen Ereignissen in Yemen: <https://yemen.liveuamap.com/en>

Wer gegen wen? - Sehr ausführlich:

[https://de.wikipedia.org/wiki/Milit%C3%A4rintervention\\_im\\_Jemen\\_seit\\_2015](https://de.wikipedia.org/wiki/Milit%C3%A4rintervention_im_Jemen_seit_2015)

und als eigene Karten-Collage:

[https://www.dropbox.com/s/vjowgtjgdazvmem/2018-10\\_Sawt\\_Al-Joumhuria.png?dl=0](https://www.dropbox.com/s/vjowgtjgdazvmem/2018-10_Sawt_Al-Joumhuria.png?dl=0)

(roger, germany, Nov 2, WOR iog via DXLD)

In regard to IRIB it would be interesting how much airtime in its Arabic programs is devoted to Yemen. Presumably it already says something that Saudi-Arabia now jams their shortwave frequencies.

And just as a reminder: Radio is presumably no longer the primary scene here. Just consider what is reported about TRT stepping up Arabic broadcasts:

<http://broadcastprome.com/news/trt-begins-workplace-transformation-as-part-of-arabic-channel-revamp/>

(Kai Ludwig, Nov 2, ibid.)

Voice of the Republic was observed crash-starting on 1170 kHz at 1338 UT today (Saturday 3 Nov).

(David Kernick, Interval Signals Online, WOR iog via DX LISTENING DIGEST)

## UNIDENTIFIED

### UNIDENTIFIED.

Trans-Pacific JBA MW carrier search, Nov 1 at 1215-1221: 531, 558, 567, 585, 594, 702, 711, 738, 747, 756, 774, 828, 837, 855, 864, 873, 945, \*972, 1008, 1017, 1044, 1098(2), 1143, 1566. \*=strongest, no doubt Korea South; (2) = at least two carriers beating, Marshalls and what?

(Glenn Hauser, OK, DX LISTENING DIGEST)

### UNIDENTIFIED.

Trans-Pacific just-barely-audible mediumwave carrier search, Nov 2 at 1246-1304 UT, many from DU (WSW) and/or FE (NW). If there is no direxion appended, probably both or just too weak to tell on the DX-398: 558, 567-NW, 576-WSW, 585-NW, 594(2), 603-NW, 612(2), 657-NW, 675-NW, 693-NW, 702-WSW(2), 711-NW, 738(2), \*747-NW, 756(2), 774(2), 819-NW, 828-NW, 864-NW, 873-NW(2), 945-NNW, \*972-NW, 981, 1008, 1035-NW+(2), 1044-NW, 1053-NW, 1062-NW(2), 1071, 1098(2), 1134- NW, 1143-NW, 1332-NW, \*1566-NW.

Notes: \* means stronger ones; (2) means at least two carriers beating.

Above 890 kHz, local noise level degrades until it stops at 1305; a neighbor`s touch lamp? The 1300 UT mark comes by 1143 kHz. I switch back to 972 just before 1300, but cannot hear any time pips, tho on original scan at 1255 it was strong enough to push some audio, presumed South Korean.

A medium SAH on 702, not from the NW, points to the offset between 2BL Sydney and Magic, Auckland NZ, as Mauno Ritola and Neil Kazaross recently discussed, i.e. 6 Hz apart: ``701.993 ABC Sydney, 701.999 Magic, Auckland`` However, MWoffsets shows 701.9960 for 2BL as of last week, and 701.9991 for Magic as of 2017-02-26, i.e. only 3 Hz apart. There are also some weaker Au/NZ stations on ``702``.

945 bearing NNW is a puzzle. Frequency is very close, so unlikely a spur or birdie. That would put it at the longitude of western China, but the big`un with 400 kW is in the east, Jilin province  
(Glenn Hauser, Enid OK, DX LISTENING DIGEST)

Oh Glenn, as for your "NNW" 945 (I think) mystery station carrier catch: bear in mind that in 2013 during my trip to China, I found out that the Chinese station listings in the WRTH on SW and MW is not at all complete -- and this goes back to 2013 and still in 2018!

For instance (and one example of many): 981 kHz has at least FIVE or SIX CNR-1 "echoing stations" as I heard while in Xian in Nov. 2013, yet the WRTH only lists TWO of them on 981 in China.

Therefore, if you think you might have caught a carrier from a \*western Chinese\* station rather than the more "NW" signal from Jilin Province, you likely caught an unlisted transmitter not shown in WRTH. Thanks again,

(Steve McGreevy, <http://www.auroralchorus.com> Natural VLF Radio and Travel, Nov 4, DX LISTENING DIGEST)

I LOVE your JBA TP/TA carrier scans! I think it would be so cool to be in a place where you can catch both TAs and TPs, even if weak. Studying such carriers is as enlightening as the audio enjoyment of armchair signals. BCB-carrier observations tell a lot, and those that can measure BCB and SW station frequencies to 1 Hz really help, and thusly we gain this info. And the beat-frequencies of various SAHs (like 747!) .Thanks again,  
(Steve McGreevy, <http://www.auroralchorus.com> Natural VLF Radio and Travel, Nov 4, DX LISTENING DIGEST)

#### UNIDENTIFIED.

620, Nov 3 at 1249 UT, C&W music loops N/S, certainly not biztalker KEXB Metroplex, but which begins to show a minute later just in time to obscure an announcement from the other. Only possibilities seem to be KMNS Sioux City IA, 1/1 kW U4 not favoring the south, supposed to be sports; and CKCK [sic] Regina SK, with double format of C&W and sports, 10/10 kW U4.

[Later:] 620, the C&W station in Regina is CKRM, not CKCK --- altho it used to be CKCK until 2001y. I realised this after seeing CKRM recently reported from Europe  
(Glenn Hauser, DX LISTENING DIGEST)

#### UNIDENTIFIED.

702, Nov 3 at 1237 on the R75, two carriers making a 1 Hz beat, so that doesn't fit for 2BL NSW and Magic NZ, 3 or 6 Hz apart. MOffsets doesn't offer something likely 1 Hz away from 2BL  
(Glenn Hauser, OK, DX LISTENING DIGEST)

#### UNIDENTIFIED.

880, Nov 1 at 1304 UT, Spanish M&W with KRVN nulled; too late for Chihuahua (the 700s were big at 1235, but gone by our sunrise 1255). Too many US possibilities in NRC AM Log: WIJR Highland IL (St Louis mkt), WMDB Nashville TN, KJOZ Conroe TX  
(Glenn Hauser, OK, DX LISTENING DIGEST)

#### UNIDENTIFIED.

882, Nov 3 at 0230, some music detectable, presumably the 100+ kW BBC Wales synchros.

936, Nov 3 at 0230, two carriers beating, Morocco, and what? There are 3 x 20 kW Radio 5 in Spain. Much further there are hi-power ME stations. This time I have skipped a full TA carrier bandscan and honed in on some stronger ones into the R75  
(Glenn Hauser, OK, DX LISTENING DIGEST)

#### UNIDENTIFIED.

972, Nov 3 at 1242 UT, some talk modulation detectable on the DX-398, presumably the bigsig from sesquimegawatt HLCA of KBS, Korea South; 12 kHz from a local on 960  
(Glenn Hauser, OK, DX LISTENING DIGEST)

#### UNIDENTIFIED.

7340, Oct 30 at 1438, pop song, not // 7435 CRI Russian. Aoki/NDXC B-18 which is now available zipped via <http://www1.s2.starcat.ne.jp/ndxc/> shows it could be either: AIR in Sindhi, 100 kW, 10 degrees from Mumbai; or PBS Xinjiang in Kazakh, 100 kW ND from Urumqi, East Turkistan, where mega-Uighurs are being brainwashed. That must make for quite a collision in the area  
(Glenn Hauser, OK, DX LISTENING DIGEST)

**UNIDENTIFIED.**

7490.112, UNIDENTIFIED outlet, empty carrier S=8 at 0814 UT. WBCQ? [selected SDR options, span 12.5 kHz RBW 15.3 Hertz] (Wolfgang Bueschel, df5sx, wwdxc BC-DX TopNews Nov 4, DX LISTENING DIGEST) Such an offset is conceivable from WBCQ, if not more  
(gh)

**UNIDENTIFIED.**

7730, Oct 31 at 2113, weak DRM-like noise; could WRMI be testing it? Probably not but check further  
(Glenn Hauser, OK, DX LISTENING DIGEST)

**UNIDENTIFIED.**

15151.50-USB, Oct 30 at 1354, 2-way in colloquial Spanish, INTRUDERS. This is a longtime spot for such, like Dec 5, 2014 at 1455 on 15151.0  
(Glenn Hauser, OK, DX LISTENING DIGEST)

**UNIDENTIFIED.**

17750-USB, Oct 31 at 2109, 2-way INTRUDERS, probably in Spanish  
(Glenn Hauser, OK, DX LISTENING DIGEST)

**UNIDENTIFIED.**

17850-AM, Oct 31 at 2110, JBA carrier, and the OSOB to boot; but nothing scheduled now in HFCC or Aoki/NDXC  
(Glenn Hauser, OK, DX LISTENING DIGEST)

Light-bulb: could be third harmonic of 5950 WRMI! Harmonix from Okeechobee are rare; once we had one from 7 MHz on 15 MHz band, but generally well-suppressed and frequencies accurate  
(Glenn Hauser, OK, WORLD OF RADIO 1955, DX LISTENING DIGEST)

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# UNSOLICITED TESTIMONIALS

## ACKNOWLEDGED ON WORLD OF RADIO 1955:

I had little time to listen to shortwave while working. Now retired, I thought "I hope there is someone like my old buddy Glenn Hauser still doing a similar show." But imagine my happiness to hear your show again! Thanks for your tireless work (Karl Witsman, with a contribution via PayPal to woradio at yahoo.com)

## TO BE ACKNOWLEDGED FUTURELY:

Hello Glenn, Here is another donation for your longtime works-of-excellence for the radio DXing Community, esp. WOR & DXLD. Best 73 - (Steve - N6NKS McGreevy with a contribution via PayPal to woradio at yahoo.com)

Steve, thanks and welcome. Enjoyed your DX-Pedition report [below] gh

Hey Glenn! Thanks! Well, your enjoyment of the DXped. report mirrors my enthusiasm and wait for each DXLD to come out. What a lot of work. I love your "Glennisms" and cool word transpositions so stylistic of your reporting that makes me laugh too. "Something is always wrong at RHC." was a crack-up... 73 for now and keep on trucking. More PP donations coming where that one did, as my ELF rx. biz is booming...

Hiya Glenn, I think it hugely important for 'blogs' to have moderation to keep the standards HIGH - otherwise it does degenerate into flaming, etc. As such, I see your method and your standards of writing and WOR and DXLD, as far as I am concerned, \*far surpasses\* what is in any organized "DX club" today, Glenn. Thanks again, (Steve McGreevy, <http://www.auroralchorus.com> Natural VLF Radio and Travel, Nov 4, DX LISTENING DIGEST)

# PUBLICATIONS

**DX/SWL/MEDIA PROGRAMS massively updated for post-DST and B-18 season:**  
<http://www.worldofradio.com/dxpgms.html>

**WORLD OF RADIO schedule totally updated:**  
<http://www.worldofradio.com/radioskd.html>

**BRITISH DX CLUB WEB PUBLICATIONS UPDATED**

These comprehensive guides have also been updated for the new B18 season frequency schedules:

**The DX, Media, Mailbag programme guide:**  
<http://bdxc.org.uk/dxprog.htm>

**Africa on Mediumwave and Shortwave:**  
<http://bdxc.org.uk/africa.pdf>

**Broadcasting in Afghanistan:**  
<http://bdxc.org.uk/afghan.pdf>

**External Services on Mediumwave:**  
<http://bdxc.org.uk/mwext.pdf>

**Middle East & Caucasus on Mediumwave and Shortwave:**  
<http://bdxc.org.uk/mideast.pdf>

**South Asia on Mediumwave and Shortwave:**  
<http://bdxc.org.uk/southasia.pdf>

**UK on Shortwave:**  
<http://bdxc.org.uk/uksw.pdf> (thanks to Tony Rogers and Dave Kenny for regularly updating all these guides)

Also new on the website is a report on All India Radio Shillong courtesy of Dr Hansjoerg Biener:  
<http://bdxc.org.uk/shillong.pdf>

See the complete range of articles on the website via the Articles Index at <http://bdxc.org.uk/>  
(BDXC, WOR iog via DXLD)

Subject Matter Expert Needed for Boy Scouts Radio Merit Badge  
From: Jim Wilson Date: Fri, 02 Nov 2018 06:24:17 PDT

A small team is being formed to update the Boy Scouts of America's Radio Merit Badge. We are seeking to add a subject matter expert for the Shortwave and Medium-Wave Listening option.

The previous revision of requirements and pamphlet was completed in early 2017. This review and update will be completed in June 2019. You can find the current requirements at [https://filestore.scouting.org/filestore/Merit\\_Badge\\_ReqandRes/Radio.pdf](https://filestore.scouting.org/filestore/Merit_Badge_ReqandRes/Radio.pdf) along with an FAQ at <https://k2bsa.net/radio-merit-badge-2/> You can also find a history of the merit badge, established in 1918, at this link <https://k2bsa.net/radio-merit-badge/> Roughly 6,000 Scouts earn the badge each year.

If you're interested in bringing your shortwave listening expertise to this effort, thereby helping introduce this topic to the youth involved in Scouting, please respond to me at jim at k5nd.net with an expression of your interest and your qualifications. I'm also open for any questions you may have.

All the best, (Jim Wilson, K5ND, Chair, Boy Scouts Jamboree on the Air Task Force, SME, Radio Merit Badge, psw iog via DXLD)

# MUSEA

## WORLD OF RADIO, AUGUST 1987 --- Blast from the Past

<https://shortwavearchive.com/archive/world-of-radio-august-1987>

Do you remember the station, Glenn? 73 (-- Richard Langley, Nov 4, 2018, DX LISTENING DIGEST)

No, I don't, but I don't think WRNO ever used that frequency. Will have to see what WRTBs of the era listed (Glenn Hauser, *ibid.*)

### Viz.:

Many thanks to SRAA contributor, Bruce Atchison, for sharing the following recording and notes: This portion of Glenn Hauser's World of Radio show was taped in August of 1987 with my Sony ICF7600 receiver on 9850 kHz. It was on at 0200 UT but I can't remember the station it was on. Perhaps it was WRNO (via DXLD)

Ha, it's a 4+ minute clip about ``mind control by silent radio``, not exactly serious. Geez, I wish I still had my 1987 voice. I'll have to look up what station was on 9850 back then. I don't think it was ever WRNO. The 1990 PWBR I found handy showed KUSW and WCSN, stations I was not on (Glenn Hauser, DX LISTENING DIGEST)

### Building a Time Machine for Radio

The Radio Spectrum Archive will let you listen to old broadcasts as if they were live --- By Stephen Cass --- 26 Oct 2018 | 19:00 GMT

<https://spectrum.ieee.org/geek-life/profiles/building-a-time-machine-for-radio>

image of a a spectrum recording of the AM band, originally recorded on VHS tape in 1986 --- Image: The Radio Spectrum Archive

### Radio Rewind:

This is a spectrum recording of the AM band, originally recorded on VHS tape in 1986. Individual stations can be easily seen as spikes along this digitized sample.

Thomas Witherspoon is building a time machine, of sorts. With it, you'll be able to pick a date and tune through an entire broadcast band as if you had a radio that could pick up transmissions from the past. Sure, well-established shows already make past episodes available, but with Witherspoon's time machine you'll be able to hear not just that programming but everything else that was on the air as well: the local news, the commercials, the pirate stations, even the mysterious number stations that lurk on shortwave.

Witherspoon's time machine is The Radio Spectrum Archive. The technological advance that makes it possible is the proliferation in recent years of cheap software-defined radios (SDRs), which can digitize enormous swaths of radio spectrum. The SDR's software can be used to select individual transmissions and listen to them live. Or the swath of spectrum can be recorded and played back through the software later, letting listeners tune into broadcasts just as if they were live.

Shortwave listeners and amateur radio enthusiasts have been using SDRs mainly to find interesting signals, "but not a lot of people thought about saving the spectrum and archiving it. But there were those who had," says Witherspoon. Part of their motivation was to capture how radio has been evolving in the Internet era: "The AM broadcast band here in the States, the FM broadcast band, and...the shortwave broadcast band, are going through a lot of changes, especially the shortwave bands. A lot of stations are going off the air."

#### Witherspoon began collecting archive recordings from around the world:

For example, once a year he meets a friend visiting the United States from Australia. "We each take a 2- to 3-terabyte hard drive, fill it up with recordings before we meet each other, and then we exchange them."

It's the large size of the recordings that poses the biggest obstacle to Witherspoon's plan to gather more recordings and make them publicly accessible online. One way the team is tackling the problem is by focusing on preserving recordings associated with newsworthy events. For example, "when the North Korea talks were happening, we were doing AM broadcast-band recordings. But since the news didn't change a lot during the day, we chose to preserve only a 2-hour segment." Witherspoon estimates that they currently have about 150 terabytes of recordings "curated to the point that it's worth uploading them."

Some of these recordings go back a surprisingly long way. Typically in a radio, the received carrier wave is shifted to an intermediate frequency before the final tuning within a broadcast band happens. In the analog era, shortwave radio enthusiasts discovered that they could tap into their radio's circuitry and record the intermediate frequency signal directly to analog hi-fi VHS tapes (which were used because they had the bandwidth required to store the signal). The enthusiasts did this to help them hunt for distant radio stations. By making a spectrum recording, they could later play the recording back through the intermediate frequency tap point in their radios. They could then tune through the band as many times as they needed to hear all the station identifiers made at the top of each hour by broadcasters. A few of these tapes survived, such as one from Rhode Island that captured the AM band on 1 May 1986, just as news about the Chernobyl disaster was first filtering into the West.

The Radio Spectrum Archive is currently working with the nonprofit Internet Archive to host recordings and make them publicly available. One issue is the need to settle on a standardized spectrum-storage format. Once that is done, then it's hoped a Web-based interface can be created to browse and play back the recordings. Witherspoon is seeking volunteer developers to work on this interface.

Witherspoon believes the value of The Radio Spectrum Archive will become more and more evident over time: "That's the reason I play the recording from 1986. That gives us a little bit of that temporal distance, so that we can see the value in it." (via Benn Kobb, WOR iog via DXLD)

## WAR OF THE WORLDS

"The War of the Worlds" was the 17th episode of the CBS Radio series The Mercury Theatre on the Air, which was broadcast at 8 pm ET on Sunday, October 30, 1938. H. G. Wells' original novel tells the story of a Martian invasion of Earth.

[https://eu.app.com/story/entertainment/2018/10/30/war-worlds-radio-broadcast-80-years-later-when-martians-attacked-new-jersey/1816183002/?](https://eu.app.com/story/entertainment/2018/10/30/war-worlds-radio-broadcast-80-years-later-when-martians-attacked-new-jersey/1816183002/?fbclid=IwAR1W1DgFzxO8pJlwVJOVjEOyBdU5b3wdNxfwjTPDUsPc1mpRwpqzTJd38-M)

[fbclid=IwAR1W1DgFzxO8pJlwVJOVjEOyBdU5b3wdNxfwjTPDUsPc1mpRwpqzTJd38-M](https://eu.app.com/story/entertainment/2018/10/30/war-worlds-radio-broadcast-80-years-later-when-martians-attacked-new-jersey/1816183002/?fbclid=IwAR1W1DgFzxO8pJlwVJOVjEOyBdU5b3wdNxfwjTPDUsPc1mpRwpqzTJd38-M)  
(via Mike Terry, Oct 31, WOR iog via DXLD)

# CONVENTIONS & CONFERENCES

## EDXC CONFERENCE 2018

The two-part report on the EDXC conference held in Bratislava and Vienna has now been uploaded to the club website at:

Part 1 Bratislava <http://bdxc.org.uk/edxc18a.pdf>

Part 2 Vienna <http://bdxc.org.uk/edxc18b.pdf>

(as featured in 'Communication', but with some extra colour photos)  
(BDXC, WOR iog via DXLD)

Winter SWL Fest registration now available

The website has been updated, links have been freshened...registration is now available for the 32nd (!) Annual Winter SWL Fest in Plymouth Meeting, PA -- just outside of Philadelphia.

The 2019 SWL Fest will be held February 28th - March 2nd, 2019 at the Doubletree Suites Philadelphia West hotel in Plymouth Meeting, Pennsylvania. Even though the Fest has its roots in shortwave, our theme is now "Radio In All Its Forms." We believe we're the largest remaining gathering of radio enthusiasts left, and we hope you can join us!

We're sticking with the formula that's worked for the past two years: Formal events will begin roughly midday Thursday, February 28th, with the concluding banquet and raffle Saturday evening, March 2nd. It will be a while before the forum topics for the 32nd Fest are fleshed out, but the program for 2018 is available as a reference for you to see what to expect.

You can register online and pay via PayPal at the website, <http://swlfest.com> if you're "old school" you can download and print off a paper registration form at the site and send in via Postal mail.

Do try and have your hotel and event registrations finished by January 25th; the special rate for Fest hotel rooms expires about that date, and rooms will likely be more expensive or even unavailable after that. Event registration fees also increase as of that date.

Links to an e-mail discussion group and our Facebook group appear on the right of the Fest website, if you have any questions or want to learn more about the event from those who have been there before. Thank you for indulging this cross-promotion (Richard Cuff / Allentown, PA USA, Nov 2, dxldyg via DXLD)

# DX-PEDITIONS

189 Rás Iceland heard in  
California's Mojave Desert early Halloween morning

## Hello Glenn and the WOR Group:

I was just accepted into this group this morning. I should have applied earlier this year but I am always doing 20 things at once monkey-mindedly speaking, but then again I would not have accomplished so many radio pursuits if not... ;-)

Anyway, good to be here into your WOR Group, and I wish to report an interesting 4-hour mobile "DXpedition" on early-Halloween morning I made to a quiet location off-grid by 5 miles on the Saline Valley Road about one mile north of California St. Route 190 (mid-way between the Owens Valley and the Panamint Valley - I was just inside Death Valley National Park but at over 1 mile in elevation in pleasant temperatures and a near-last quarter moon. Perfect for DXing for a spell away from the buzz, birdies, and noise at home, and made even more perfect for long-haul MF and LF DX was a low K-index = 1 following spells of K=0 the past day.

Arriving at the Saline Valley Road, I drove south for 10 minutes just to get to a level spot with a very low eastern and north-eastern horizon (< 5 deg terrain/horizon blockage) compared to Keeler where I live.

I first, at about 0800 UT on 31 October 2018 spent about a half-hour recording the rumbly/hummy Schumann Resonances at ULF-ELF frequencies, then the wider ELF-VLF band in the audio-range with a second home-brew receiver, but hearing no whistlers and nothing but some static/sferics and some really big static bursts (also plaguing LF and MF a bit), I then connected my 1985 vintage Burhans J-310 based LF-lower MF active antenna to via BNC to a short 1 meter-length of RG-8mini coax going to a Fram three-magnet mag.mount of my 4Runner's roof, and screwed into that was a 9-foot-long "CB-whip." - the sensitivity is incredible to say the least, and fully non-directional. The output from the active antenna circuit is coax-patched to a two-turn loop that fits/slides over my both of my Sony-ICF7600GR portables (very world-traveled radios!) for excellent loop-stick coupling/sensitivity.

## I began listening to the NDBs between 515 and 529 kHz:

525 ICW Nenana, AK was doing fine, and the Cubans on 530 were solid and an interesting mixture of R. Rebelde and R. Enciclopedia, along with BOTH a 529 NDB heterodyne and 531(!) carrier-het. either from eastern Asia (likely Japan) and/or Western Europe (from 531 Faroe Isl. maybe? - heard once in the SF Bay Area back in '85 during very weird conditions when they were previously 100 kW).

Then on a whim, I went down to long-wave and began band-scanning, first tuning in the big power-line carrier mish-mash about 198 to 205 kHz. 200 UAB Anahim Lake, BC was a fine signal in the PLC mix; 305 YQ Churchill was also strong. As such, I noted how excellent propagation was from higher latitude signal sources.

On a whim, I began scanning the LW broadcast-sub-band. Upon tuning in 189 kHz, I noted a fair-carrier with modulation products superimposed on it, so I know instantly it was likely Iceland and NOT likely IMD from the AM-BCB which would have been on 190 kHz likely (none there). It faded-up a bit and in AM mode I could hear the faint but discernible Ras-1 Icelandic program from RUV/Ras in Vatnsendi, Reykjavik 9I enjoyed this very same station/transmitter during my 2-week stay in ISL Dec 2016.

This was a first for me, as the Inyo Mountains really block low-angle skip from Europe on LF into HF. This Saline Valley Road site was excellent, and as such I intend to return in a few nights back the the same location but I will also have 400m or wire on 3 spools, a termination ground rod and 1986 vintage (sold to me from Dr. Richard E. Wood in Hawaii!) Yaesu FRT-7700 preselector with a home-brew JFET preamp installed.

I am awaiting the K-index to drop to zero soon I hope, then I will roll-out a Bev. upon desert scrub and terminate it for uni-directionality to the north-east. Perhaps I will to obtain an even better recording/audio from Ras 189 ISL I hope...

Anyway, while driving back toward home, on a whim I turned left onto CA-190 that heads toward Olancho, CA. I have noticed many times that half-way between CA-136 and US-395 along the southern edges of Owens Lake - (a semi-dry alkaline/saline lakebed with extraordinary ground-conductivity), that the length of the Owens Valley past Bishop (55 miles to the north-northwest) pipe-lines (thus greatly-enhances) Vancouver, BC and Washington State AM stations in far-better than at home in Keeler (that Inyo Range blockage factor again at the home DX QTH).

I tried for 850 KICY Nome, but nulling KOA, the freq. was swamped by a strong unID station in Spanish, so I went on a whim to 970 and heard the HLCA 972 ROK power-house hugely hetting the frequency. Tuning up to 974, HLCA was "record strength" compared to its even pretty good S5-6 (loop) signal at home on many mornings of late. I tried for 774 but they were weak, but 828 JOBB Osaka - NHK-2 with the usual English lang. lessons was also HUGE just on the loop-stick, as 972 HLCA was. Evidently Asians are similarly "enhanced" at this desert-lake-edge location.

I will return to the same Saline Valley Road site to DX 189 ISL soon. After the fade-out of 189 ISL I will roll-up the wire and head afterwards 30 minutes away to a dirt road DX-site leading into the alluvial-slopes of the Coso Range south of Owens Lake, and I will then roll-out an "Asian Bev." antenna and scope out the AM band there. I always audio-record everything.

I have been experiencing here some extraordinary solar-minimum, long-haul TP (and now TA) receptions on LF and MF this past October, especially the easy to hear 774 JOUB, 828 JOBB and 972 HLCA signal-monsters. ON one morning recently there was even a weak audio mix of the 981 CNR-1 Chinese stations. As such, I urge everyone to do similar and go out on a DXped. and see how the real long-haul stuff is for you all as the sunspots are gone. 73 from (Steve McGreevy - N6NKS -- <http://www.auroralchorus.com> -- all of my DXing is done real-time with traditional (non-SDR) receivers -- Nov 2, WOR iog via DXLD)

Welcome, Steve! I enjoyed reading about your experiences. Isn't that half the fun of DXing. I kept thinking about rattlesnakes, though. Not an issue? Keep posting! 73, (Walt Salmaniw, *ibid.*)

Well hello Walt! Yeah, I enjoy your own pursuits in this amazing electromagnetic realm and it all adds to the ever enlightened knowledge-base we all are contributing to.

### Oh yes, rattlesnakes:

I've seen some really big and nasty honkers during my 1000s of km of desert walking since the early 80s. Fortunately they are all small in this area, and in the cold of the night they hide and slumber until warmth of the morning. I have been "buzzed" several times near Keeler (once on my mountain bike!) and once I almost stepped onto one coiled under a scrubby shrub. It can be bad in the hot Summer nights when the side-winders are out tracing zig-zaggy trails on the nearby sand dunes. A few days/nights without wind reveal all kinds of critter and snake tracks.

Locally too, I have been sleuthing out good barbed-wire fence "antennas" and have hit upon three excellent, Japan-pointing ones (or the opposite way - one points right at Mexico City!) the Mexico/Japan fence is just 15 minutes walk from here. I spent 1/2 hour two weeks ago "modifying" two of them by removing the wire away from any metal stakes (or insulating the wire from those) and the result is fab! Time soon to clip my long clip leads to them and try them out. So far just daytime DXing done placing my Sony's loop-stick close to the wire, while I take local walks out into snake-land. hi!

Catcha later here (BTW the 189 ISL recording -- I missed recording the strongest reception period - weak but identifiable to me anyway -- is on my "Best of Hawaii DX" page on archive.org -- linked from my website.

Best wishes from the desert Walt and WOR group! (Steve - N6NKS, *ibid.*)

I went out last night and attempted to do what I intended in my previous big posting. However, QRN was awful and sustained 5-second bursts of static on LW, and I think condx. were poorer, but I did hear a scrap (JBA audio) of 189 Iceland again but I gave-up by midnight PDT (early this morning) and drove home to be with my kitty and warm home. Thanks again, (Steve McGreevy, <http://www.auroralchorus.com> Natural VLF Radio and Travel, Nov 4, DX LISTENING DIGEST)

AIH88 DXpedition Report from Lapland now online!

The latest Aihkiniemi DXpedition report is now online! Come and see what Arctic AM DXing can be at its best. Here's a detailed journal of what we heard and did on DXpedition AIH88 in the Finnish Lapland. The Chinese do have it right, 88 is indeed a lucky number. The DXpedition began with a stunning opening to New Zealand. Several stations were heard from Dunedin (16,700 km from Aihkiniemi) and Invercargill (16,677 km away), which are the most distant AM stations from our QTH that exist. AIH88 continued with very good conditions to North America, so we have loads of recordings to go through.

Since this time we were not joined by any TV news group reporting about DXing, we made a couple of videos ourselves, and they are linked to the report. And even if you wouldn't be very interested in AM DXing, I've included a bunch of shots of aurora borealis: <http://www.dxing.info/dxpeditions/aih88rep.htm>

**Best regards, (Mika Makelainen Editor,  
<http://www.DXing.info>  
Nov 5, WOR iog via DX LISTENING DIGEST)**

**DIGITAL BROADCASTING --- DRM See [INDIA](#); [JAPAN](#); [ROMANIA](#); [USA](#);  
WINB; UNIDENTIFIED 7730**

**DIGITAL BROADCASTING --- DTV See also [MEXICO](#); [OKLAHOMA](#) [and non]**

**Rabbit Ears No More**

**Cordcutting jumpstarts market for over-the-air antennas Written for TV  
Technology by Gary Arlen [Sep 4, 2018]  
<https://www.tvtechnology.com/news/rabbit-ears-no-more> (via Nov WTFDA VHF-UHF  
Digest via DXLD)**

**DIGITAL BROADCASTING --- IBOC See REF just below**

# RADIO EQUIPMENT FORUM

## IBOC V2?

KCBS has shut off their obnoxious hash carriers and now (alas) has presently adopted that phasey, tinny/echoey "megaphone modulation mode" like so many other news-talk stations that have dropped the hash sidebands and seemingly morphed into the "megaphone modulation mode" I can't stand the AM-band audio-degradation now! 810 KGO ab-noxioum now with that weird phaser-audio, too! and OMG now 1000 KOMO Seattle has fallen victim!

### In all that I ask:

Glenn, what is that?? IBOC-V2? My friends want to know - even non-DXers hate the weird audio-quality on so many 50 kWers today. It is ruining a lot of AM! Does the FCC willingly wish the AM band in the States to destruct under its very overweight of band-cram and horrid audio qualities? I think I missed what this is. I think it began in mid-2016 from some complaints I have read. Thanks again, (Steve McGreevy, <http://www.auroralchorus.com> --- Natural VLF Radio and Travel, Nov 4, DX LISTENING DIGEST)

# PROPAGATION

## LWBC condx. like I never heard before

These are the highlights. 189 Iceland, 216 France, 252 Algeria also heard: U.K. 198 kHz BBC Radio 4. 11/3/18 2209z. ToH news with words and phrases actually audible; sounded like UK domestic news with female news reader. Unusually good condx. and sunset enhancement likely helped.

ROMANIA. 153 kHz. Antena Satelor. 11/3/18 2218. F vocalist sounding more Romanian than Arabic. Energetic intro into next piece @2222, then M vocalist; yes, definitely Romanian folk music. In spite of PLC carriers from local power company, the music was very listenable on peaks, and it was an enjoyable program; difficult to tune away from it.

POLAND. 225 kHz. Polskie R. 1. 11/3/18. 2237z. Eclectic music program, including folk ballads and reggae. Brief discussions between pieces. Good on peaks.

NDB station 227 SQ Connersville, IN audible on their LSB offset.

GERMANY. 183 kHz. Euro 1. 11/3/18, 2230z. Pop dance music, then what sounded like news in French on the half-hour. Also good on peaks; PLC carriers degraded intelligibility of presumed news segment in spite of good levels (Steve Zimmerman in state forest IC-746PRO and LF upconverter and active whip in tree, WOR iog via DX LISTENING DIGEST)

**Geomagnetic Indices --- Geomagnetic Summary October 2018****Via Phil Bytheway – Tabulated from online status daily (K = 0000 UTC).****Flux A K Space Weather**

|    |    |    |   |           |
|----|----|----|---|-----------|
| 1  | 70 | 9  | 2 | no storms |
| 2  | 67 | 8  | 0 | no storms |
| 3  | 68 | 6  | 3 | no storms |
| 4  | 67 | 4  | 1 | no storms |
| 5  | 69 | 9  | 2 | no storms |
| 6  | 69 | 6  | 0 | no storms |
| 7  | 68 | 24 | 5 | minor, G1 |
| 8  | 69 | 21 | 2 | minor, G1 |
| 9  | 70 | 17 | 3 | no storms |
| 10 | 70 | 18 | 3 | minor, G1 |
| 11 | 71 | 9  | 1 | no storms |
| 12 | 72 | 5  | 1 | no storms |
| 13 | 72 | 14 | 4 | minor, G1 |
| 14 | 72 | 6  | 2 | no storms |
| 15 | 70 | 10 | 3 | no storms |
| 16 | 70 | 5  | 1 | no storms |
| 17 | 70 | 3  | 1 | no storms |
| 18 | 70 | 2  | 0 | no storms |
| 19 | 70 | 2  | 1 | no storms |
| 20 | 70 | 2  | 0 | no storms |
| 21 | 71 | 4  | 1 | no storms |
| 22 | 71 | 6  | 1 | no storms |
| 23 | 72 | 4  | 0 | no storms |
| 24 | 70 | 3  | 1 | no storms |
| 25 | 69 | 6  | 2 | no storms |
| 26 | 69 | 6  | 2 | no storms |
| 27 | 69 | 4  | 0 | no storms |
| 28 | 68 | 4  | 0 | no storms |
| 29 | 69 | 3  | 0 | no storms |
| 30 | 67 | 4  | 1 | no storms |
| 31 | 68 | 4  | 2 | no storms |

**Sx – Solar Radiation Storm Level / Gx – Geomagnetic Storm Level / Rx – Radio Blackouts Level (NRC DX News Nov 12, published Nov 3, via DXLD)**

**:Product: Weekly Highlights and Forecasts****:Issued: 2018 Nov 05 0442 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****29 October-04 November 2018**

Solar activity was at very low levels. The solar disk remained spotless through the reporting period. No Earth-directed CMEs were observed.

No proton events were observed at geosynchronous orbit.

The greater than 2 MeV electron flux at geosynchronous orbit was at normal levels with a peak flux of 28 pfu observed at 30/2015 UTC.

Geomagnetic field activity ranged from quiet to G1 (Minor) storm levels during the period. The majority of the period was under nominal solar wind conditions with solar wind speeds between 285-365 km/s and total field at or below 6 nT. Total field began to increase at 04/0925 UTC and reached a maximum of 16 nT at 04/2225 UTC. The Bz component reached a maximum southward deflection of -12 nT at 04/2129 UTC. Solar wind speed began to increase at 04/1430 UTC to a maximum of 500 km/s at 04/2336 UTC as a positive polarity coronal hole high speed stream (CH HSS) became geoeffective. The geomagnetic field was quiet on 29 Oct - 03 Nov. G1 (Minor) storm levels were observed late on 04 Nov.

**Forecast of Solar and Geomagnetic Activity 5 November-1 December 2018**

Solar activity is expected to be at very low levels through the forecast period (05 Nov - 01 Dec).

No proton events are expected at geosynchronous orbit.

The greater than 2 MeV electron flux at geosynchronous orbit is expected to reach high levels on 07-16 Nov due to CH HSS influence.

Geomagnetic field activity is expected to be at unsettled to active levels on 05-07 Nov, 10-11 Nov, and again on 01 Dec with G1 (Minor) geomagnetic storm levels expected on 05 Nov due to recurrent CH HSS effects.

**:Product: 27-day Space Weather Outlook Table 27DO.txt****:Issued: 2018 Nov 05 0442 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 2018-11-05**

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| #    | UTC    | Radio Flux | Planetary | Largest  |
|------|--------|------------|-----------|----------|
| #    | Date   | 10.7 cm    | A Index   | Kp Index |
| 2018 | Nov 05 | 68         | 20        | 5        |
| 2018 | Nov 06 | 68         | 12        | 4        |
| 2018 | Nov 07 | 68         | 8         | 3        |
| 2018 | Nov 08 | 68         | 5         | 2        |
| 2018 | Nov 09 | 68         | 5         | 2        |
| 2018 | Nov 10 | 68         | 15        | 4        |
| 2018 | Nov 11 | 68         | 12        | 4        |
| 2018 | Nov 12 | 70         | 5         | 2        |
| 2018 | Nov 13 | 70         | 5         | 2        |
| 2018 | Nov 14 | 70         | 5         | 2        |
| 2018 | Nov 15 | 70         | 5         | 2        |
| 2018 | Nov 16 | 70         | 5         | 2        |
| 2018 | Nov 17 | 70         | 5         | 2        |
| 2018 | Nov 18 | 69         | 5         | 2        |
| 2018 | Nov 19 | 69         | 5         | 2        |
| 2018 | Nov 20 | 68         | 5         | 2        |
| 2018 | Nov 21 | 68         | 5         | 2        |
| 2018 | Nov 22 | 68         | 5         | 3        |
| 2018 | Nov 23 | 68         | 5         | 2        |
| 2018 | Nov 24 | 68         | 5         | 2        |
| 2018 | Nov 25 | 68         | 5         | 2        |
| 2018 | Nov 26 | 68         | 5         | 2        |
| 2018 | Nov 27 | 68         | 5         | 2        |
| 2018 | Nov 28 | 68         | 5         | 2        |
| 2018 | Nov 29 | 68         | 5         | 2        |
| 2018 | Nov 30 | 68         | 5         | 2        |
| 2018 | Dec 01 | 68         | 15        | 4        |

**(SWPC via WORLD OF RADIO 1955, DXLD) ###**