

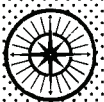
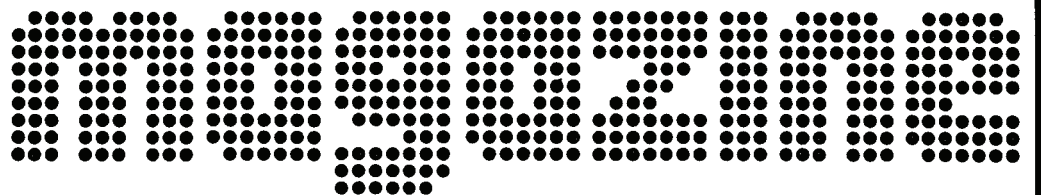
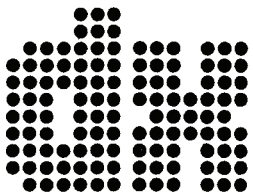
10 - 2019 € 1,50



ISSN 0175-6877



9 770175 687009



WORLD WIDE DX CLUB



Staff of WORLDWIDE DX CLUB:

- PRESIDENT AND CHIEF EDITOR** . . . ✉ WWDXC Headquarters, Michael Bethge, Postfach 12 14, D-61282 Bad Homburg, Germany ● E-Mail: mail@wwdxc.de
☎ +49-6172-123118 ● ☎ +49-6172-123117
- BROADCASTING NEWS EDITOR** . . . ✉ Walter Eibl, Postfach 15 45, D-91005 Erlangen, Germany
E-Mail: news@wwdxc.de
- LOGBOOK EDITOR** ✉ Ashok Kumar Bose, 106 Aspermont Crescent, Brampton, Ontario, L6P 3Z3, Canada ● E-Mail: logbook@wwdxc.de
- QSL CORNER EDITOR** ✉ Dario Gabrielli, Viale della Resistenza 33b, I-30031 Dolo (Ve), Italy
E-Mail: qsl@wwdxc.de
- TOP NEWS EDITOR (Internet)** ✉ Wolfgang Büschel, Hoffeld, Sprollstrasse 87, D-70597 Stuttgart, Germany ● E-Mail: topnews@wwdxc.de
- TREASURER & SECRETARY** ✉ Karin Bethge, Urseler Strasse 18, D-61348 Bad Homburg, Germany
- NEWCOMER SERVICE OF AGDX** . . . ✉ Hobby-Beratung, c/o AGDX, Postfach 12 14, D-61282 Bad Homburg, Germany (please enclose return postage)

Each of the editors mentioned above is self-responsible for the contents of his composed column. Furthermore, we cannot be responsible for the contents of advertisements published in DX MAGAZINE.

We have no fixed deadlines. Contributions may be sent either to WWDXC Headquarters or directly to our editors at any time. If you send your contributions to WWDXC Headquarters, please do not forget to write all contributions for the different sections on separate sheets of paper, so that we are able to distribute them to the competent section editors.

- WORLDWIDE DX CLUB homepage in the Internet: <<http://www.wwdxc.de>>
- Weekly "TopNews" by Wolfgang Büschel: <<http://topnews.wwdxc.de>> (available free of charge by eMail to our members on request)
- Archive copies of DX MAGAZINE (PDF) since the year 2000: <<http://online.wwdxc.de>>

WORLD RADIO TV HANDBOOK 2020

Prices for orders from WORLDWIDE DX CLUB ■ Preise bei Bestellung beim WORLDWIDE DX CLUB:

Pre-publication price: €39.00 until November 30th, 2019 - afterwards €42.00, including postage and packing inside Europe.

Delivery against advance payment by PayPal, cheque in € drawn on a German bank (otherwise please add € 5.00 for bank charges), cash in any convertible currency, or transfer to our bank accounts: Raiffeisenbank Graevenwiesbach (IBAN: DE75 5006 9345 0100 0199 84 - BIC/SWIFT-Code: GENODE51GWB) or ING/Netherlands (IBAN: NL08 INGB 0003 8228 40 - BIC/SWIFT-Code: INGBNL2A).

Der obige Preis enthält Porto und Verpackung. Lieferung gegen Vorauszahlung durch Überweisung, Scheck in € (gezogen auf eine deutsche Bank, sonst € 5,00 zusätzlich für Bankgebühren). Konten: Raiffeisenbank Grävenwiesbach (IBAN: DE75 5006 9345 0100 0199 84 - BIC/SWIFT-Code: GENODE51GWB) und ING/Niederlande (IBAN: NL08 INGB 0003 8228 40 - BIC/SWIFT-Code: INGBNL2A).

DX MAGAZINE is the monthly publication of WORLDWIDE DX CLUB, Postfach 12 14, D-61282 Bad Homburg, Germany. Price for a single copy: € 1.50 or 2 International Reply Coupons (IRC's); annual subscription rate: € 18.00. Other currencies and air mail rates on request. Cover: Peter Pohle + Jürgen Kauer (KAVOP)



DX MAGAZINE No. 10

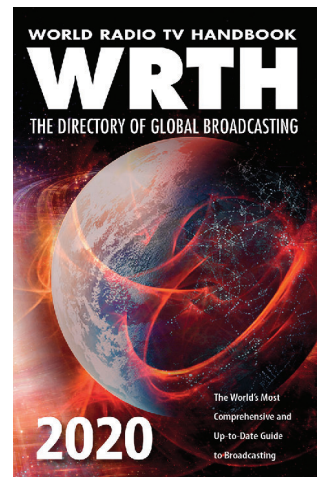
Vol. LIV

October 2019

Hello again,

Here we are back again after our usual summer break. I hope that you have enjoyed your summer holidays, if you had any, and that you have had also some time for DX'ing. If so, please do not forget to send your news and loggings to our editors.

On page 2 please find the prices and conditions for ordering the new **WORLD RADIO TV HANDBOOK 2020**, which will be available in Germany in the beginning or middle of December. In this 74th edition for the year 2020 WRTH Publications Limited have again devoted their resources to the all-important task of obtaining and providing the most up-to-date information on mediumwave, shortwave and FM broadcasts and broadcasters available in any publication. The book will have 672 pages, including 64 pages in full colour (more information: <<http://www.wwdxc.de/archive/wrth2020.pdf>>).



Auch in diesem Jahr können Sie das neue **WORLD RADIO TV HANDBOOK 2020** wieder bei uns bestellen. Der Subskriptionspreis bis zum 30. November beträgt für unsere Mitglieder € 39,00 (bei einem Ladenverkaufspreis von € 45,00) - ab 1. Dezember dann € 42,00. Das Buch soll wieder Anfang/Mitte Dezember erscheinen und wird dann von uns gleich an die Besteller ausgeliefert werden. Der obige Preis enthält Porto und Verpackung. Lieferung gegen Vorauszahlung durch Überweisung oder Scheck in € (gezogen auf eine deutsche Bank, sonst € 5,00 zusätzlich für Bankgebühren). Konten: Raiffeisenbank Grävenwiesbach (IBAN: DE75 5006 9345 0100 0199 84 - BIC/SWIFT-Code: GENODE51GWB) und ING/Niederlande (IBAN: NL08 INGB 0003 8228 40 - BIC/SWIFT-Code: INGBNL2A).

Falls Sie bei dieser Gelegenheit gleich Ihren Mitgliedsbeitrag überweisen möchten: Hier die unveränderten Beitragssätze für 2020: RKwwh + DXM = € 74,00 (Ausland = € 85,00), *nur* DXM = € 18,00, *nur* RKwwh = € 59,00 (Ausland = € 70,00), RKwwh + DXM als PDF-Datei = € 41,00, *nur* DXM als PDF-Datei = € 9,00, *nur* RKwwh als PDF-Datei = € 35,00. Wann Ihr Mitgliedsbeitrag genau ausläuft, können Sie übrigens jeweils auf dem Adressenaufkleber Ihres DX MAGAZINES (oben rechts = letzter bezahlter Monat + Jahr) sehen, falls Sie die Papier-Ausgabe unseres DX MAGAZINES erhalten. Allen deutschen Mitgliedern legen wir einen SEPA-Überweisungs-/Zahlschein bei.

The **WRTH Editorial team** is pleased to announce that the third A19 update to the schedules in the International section of WRTH 2019 is available for free download from the WRTH website: <http://www.wrth.com/_shop/wp-content/uploads/WRTH2019IntRadioSuppl3_A19SchedulesUpdate_Amend.pdf>. The file is in PDF format and will require the free Adobe Acrobat reader. We hope you find this a useful accompaniment to your printed WRTH edition.

(Nicholas Hardyman, Publisher - World Radio TV Handbook)

And with this best wishes and good DX until next month from

NEWS ABOUT BROADCASTING (+other) STATIONS

Editor: **WALTER EIBL** ■ eMail: news@wwdxc.de

AFGHANISTAN - Weak / fair signal of Radio Afghanistan Ext. Sce, Sept 13:

1530-1616 6100 YAK 100 kW 125 deg to SoAS English / Urdu and off air:

1616-1730 6100 YAK 100 kW 125 deg to SoAS Urdu / Arab / Rus are not on air

(Ivo Ivanov-BUL, dxld via wwdxc BC-DX TopNews Sept 14)

ANGOLA - 4949.732v NOTHING FROM Radio Nacional Mulenvos Angola today Sept 13 around 17-18 UT. But at 23.45 UT on Friday Sept 13, weak and tiny. Also on this channel:

4949.996 IND AIR Srinagar Kashmir, S=9+5dB low modulation at 17.33 UT.

[selected SDR options, span 12.5 kHz RBW 15.3 Hertz](wb df5sx, wwdxc BC-DX TopNews Sept 13)

... Yes Arthur, it's correct now when checked at 23.45 UT Sept 13 on 4949.732 kHz Angola little unstable 2 - 3 Hz hopping, weak and tiny S=3-4 on threshold signal level, could only trace some Portuguese typical spoke shred at 00.08 UT on remote SDR in Athens Greece, Northern Italy, Switzerland and England units. Nothing heard otherwise on Doha Qatar nor in Delhi India units.

[selected SDR options, span 12.5 kHz RBW 15.3 Hertz](wb df5sx, wwdxc BC-DX TopNews Sept 13)

ANTARCTICA - 15476 kHz LRA 36, Radio Nacional Arcangel San Gabriel, Base Esperanza, 1410-1642 UT on Aug 24, on air today Saturday, the first time ever I hear it on Saturday, here in Lugo only extremely weak carrier, but via SDR Kiwi remote receiver in Pardinho, Sao Paulo, weak to fair signal, 15475.97 kHz, Latin American songs in Spanish. (Manuel Mendez-Lugo-ESP, hcdx wor dxld Aug 24)

15476 kHz, LRA 36, Radio Nacional Arcangel San Gabriel, Base Esperanza, at 1615-1655 UT on Aug 27, strong carrier and at times Latin American songs heard, best on USB. Signal probably improve in about two hours. The best time to hear LRA 26 here is at about 1900 UT and later.

(Manuel Mendez-ESP, hcdx Aug 27)

15476 kHz LRA 36, Radio Nacional Arcangel San Gabriel has been on the air since last week all days of the week, instead of only some days, mainly Tuesdays and Thursdays, but the program format has changed and now only non stop Latin American songs has been heard and not the program "Llevando Esperanza" with comments by two or three females and some male. The usual time is 1230 to 2000 UT, and the program "Llevando Esperanza" lasted about two hours, from about 1300 to 1500 and repeated from 1800 to 2000 UT. Now, 1910 UT, Aug 30, on air with non stop Latin American songs, like all past days of the weak, including last weekend.

(Manuel Mendez-Lugo-ESP, hcdx wor dxld Aug 30) 15475.975 on Aug 29, wb.

LRA36 Radio Nacional Arcangel San Gabriel has made a special broadcast 1300-1415 on 15476vSGB 010 kW / 180 deg to SAm Spanish on Saturday September 21 for the first day of spring and ahead of station's 40th anniversary on Sunday October 20. This special program has been repeated later in the evening on Saturday September 21. (a-dx)

67 minutes of this broadcast (recorded from the livestream) can be downloaded from our server <<http://download.wwdxc.de>> (Michael Bethge, WWDXC)

BANGLADESH - 4750 kHz Bangladesh Betar, from Shavar. Long talks in Bangla with occasional short music excerpts at 1920 UT. A Bangladeshi ballad at 1938 UT. Strong signal and also a strong transmitter hum on Aug 16.

However, this is better than on Aug 12 when there was a nasty transmitter buzzing sound and no audio! Voice of Indonesia was barely audible under Betar. In Jakarta, however, the KiwiSDR reveals a very strong Vol in Dutch, but also Bangladesh was easily heard (with its hummy transmitter) underneath.

(Rob Wagner-Vic-AUS, VK3BVW, Sept "ADXNews" magazine of ARDXC; direct and via dxld Sept 10)

BOLIVIA - 3310 kHz Radio Mosoj Chaski, Cochabamba 0000 UT; 0010 to 0017 UT noted weak in Quechua.

(Robert Wilkner-FL-USA, DXplorer via wwdxc BC-DX TopNews Sept 13)

BRAZIL - 4885 kHz Radio Clube do Para, Belem, at 0610-0640 UT on Sept 22, Brazilian songs, pop songs in English, "Clube da Madrugada", id. "Radio Clube do Para, ..., Emisoras da Rede Amazonia de Comunicacao, Belem, Para, Brasil". 35433.

4905 kHz Radio Relogio Federal, Rio de Janeiro, at 0701-0729 UT on Sept 21, comments and songs. Extremely weak, best on LSB. 15311.

4985 kHz Radio Brasil Central, Goiania, at 0618-0629 UT on Sept 22, Brazilian songs. Strong QRM from Teletype stations. 21431. (Manuel Mendez-ESP, hcdx Sept 22)

In our German TV and radio programs heard reports from Brazil, about cease all public radio organization services like Radio Nacional, and plans of President Bolsonaro to sell these national radio TV programs to the private Brazilian media corporations. And not line-loyal journalists in the state broadcasters to sack / dismiss soon.
(wb df5sx, wwdxc BC-DX TopNews Sept 3)

That could leave a vast (but sparsely populated) area without any news radio coverage at all, because it simply will not be commercially interesting to broadcast to that region. All they will have left there would be religious stations, which I guess suits Bolsonaro just fine. (Rik van Riel, hcdx wor Sept 3)

Re: Radio Nacional da Amazonia, 6180 kHz now on air. 6180 kHz puts a pretty decent signal into Wyoming on my Icom radio and big loop antenna. Its very listenable, but not quite as strong clean and clear as 11780 kHz is when its on. (Paul B. Walker-WY-USA, WOR DXLD Sept 4)

I also heard "Radio Nacional da Amazonas" last evening Sept 4th from 2209 to 0000 UT on 11780 kHz with good signals SINPO 45444 here in Pittsburgh PA-US state. About 0000 UT their signal dropped to 33533 with lots of flutter. I did not hear their transmissions on 6180 kHz, although I looked for it at times. I am assuming all transmissions were in Portuguese, although I do not understand Portuguese. I noted what appeared to be a lot of talking, occasional music, and some sports or sports call in show.

According to their web site " <<http://radios.ebc.com.br/nacionalamazonia>>

they operate from 0500 to 0000 BRST on 6180 kHz and 11780 kHz. Their time zone is (Brasilia) three hours behind UT. From what I noted on their web site they relay quite a bit of programming from the national AM and FM network, and from the Alto Solimoes National Radio network. Some programs that appear to not be on the Alto Solimoes National Network and are unique to weekend transmissions schedules.

RADIO NACIONAL DA AMAZONIA

Post Office Box 258, CAIXA POSTAL 258, Brasilia, 70.359-970 Brazil

e-mail: <centraldoouvinte -at- ebc.com.br>

I am not sure if any of this information is useful.

If you understand Portuguese it might make listening very enjoyable.

(Chuck W3ON, Gessner-USA, WOR DXLD Sept 5)

4875.02 R Roraima, Boa Vista, in Portuguese Sept 4th on 2246-2310 UT man /woman talk (no much clear w/ Braz. accent), w/ some music breaks, brief announcements over music, announcements, talk, women chorus jingle (clear ID on streaming only) lively ballad and slow song; better in ssb, fast qsb, strong qrn statics, poor/almost fair; in // <<http://www.radiororaima.com.br>> in streaming w/ many seconds of delay.

(Gianni Serra-ITA, via gh-ok wor Sept 7)

4885.02 kHz R.Clube do Para, Belem, in Portuguese Sept 06 at 0402-0414 UT men and women local political talk program, brief music break and man brief announcement at 0410 UT, continuing talk program; better in usb, ceaseless moderate fast qsb, moderate qrn, almost good.

(Gianni Serra-ITA, via gh, WOR Sept 7)

4885, Radio Clube do Pará, Belém, 0410-0630, 17-09, Portuguese, soccer comments, Brazilian songs, other comments, ID "Radio Clube". 35433.

4774.9, Radio Congonhas, Congonhas, 0359-0437, 17-09, Brazilian songs, Portuguese, comments. Very weak. At 0437 eclipsed by TWR Africa, Swaziland. 15321.

4905, Radio Relogio Federal, Rio de Janeiro, 0629-0640, 17-09, Portuguese, comments. Very weak. 15311.

4985, Radio Brasil Central, Goiania, 0402-4050, 17-09, Brazilian songs, Portuguese, comments. Strong teletype stations QRM. 21321.

6010, Radio Inconfidencia, Belo Horizonte, 0445-0457, 17-09, Brazilian songs. Very weak. 15311.

9515, Radio Marumby, Curitiba, 1935-1950, 16-09, Portuguese, religious comments. 15321.

6

9550.1, Radio Boa Vontade, Porto Alegre, 2015-2028, 16-09, Portuguese, religious comments. // 11895.1. 13311. (Méndez)

9630.4, Radio Aparecida, Aparecida, 2024-2035, 16-09, Portuguese, religious comments, ID "Radio Aparecida". 34433.

9664.9, Voz Missionaria, Camboriú, 1937-1950, 16-09, Portuguese, religious comments. 15321.

11815, Radio Brasil Central, Goiania, 2010-2018, 16-09, Brazilian songs, Portuguese, comments, ID "Radio Brasil Central". 32432. QRM on 11810.

11895.1, Radio Boa Vontade, Porto Alegre, 2013-2021, 16-09, Portuguese, religious comments. 24322 (Manuel Méndez, Lugo, Spain, Logs in Friol, Tecsun S-8800, cable antenna, 8 meters, WOR iog via DXLD)

5939.6, Voz Missionária – Camboriú, 0046, 9/11/19 in Portuguese. Program of nice mellow Brazilian instrumental and vocal music with man announcer. Poor. // 9664.8, fair. Not often I hear both outlets at once. (Mark Taylor, Madison, Wisconsin. Equipment: Perseus, Elad FDM-S2, Airspy HF+ & HF+ Discovery, Tecsun PL 880, and various other portables; 42 meters dipole, 100' long wire, W6LVP loop, NASWA Flashsheet Sept 15 via DXLD)

ECUADOR - 6050 HCJB Quito, Pico Pichincha. At Sept 29, at 0250 UT, Spanish with nice music (relaying HCJB FM it appears), time pips at the hour, ancmts by woman, some religious music selections in English "You Are Good", "Believe It or Not, There is a God", ID at 0310 UT "HCJB", Spanish selections including jazz, fading as the quarter hour hits, HCJB jingle at 0326 UT; 34333. (Bob Butterfield-MD-USA, WOR Oct 2)

ERITREA - 7180 kHz, Voice of Broad Masses, Asmara, at 1725-1738 UT on Sept 19, East African songs, Vernacular comments. 25432. (Manuel Mendez-ESP, hcdx Sept 19)

7180.020 ERI VoBM Amharic sce via Asmara, Eritrea, S=6 in WeEUR, at 04.47 UT on Sept 25. Nothing traced on 7140 kHz channel. (wb df5sx, wwdxc BC-DX TopNews Sept 25)

GERMANY - New schedule of Shortwave Radio for Europe, September 16:

1400-2200 on 6160 WIS 001 kW / non-dir to NWEu English, ex 16-22UT
1600-2300 on 3975 WIS 001 kW / non-dir to NWEu English, unchanged.
(DX MIX 1049)

GUAM - 11955 kHz on Sept 6 at 2205 UT, nice hallelujah harmonies, 2217 UT Indonesian talk at S8 to S=9+10dB. KSDA scheduled this hour daily.

12040 kHz on Sept 6 at 2218 UT, slightly weaker SoEa Asian talk; must be Sundanese as scheduled from KSDA this semihour on days 2467 per Aoki/NDXC database list, as this is UT Friday day 6; otherwise English on 135 days.

I remain impressed by how well KSDA serves deep North America during its broadcasts supposedly aimed at SoEaAsia, both 100 kW at 255 degrees.

(gh, WOR DXLD HCDX Sept 7; did insert by wb for TopNews website: 'kHz and UT' for the clarity and clarification)

GUINEA CONAKRY - 9650 kHz Radio Guinea, Conakry, at *0630-0645 UT on Sept 20, open with African songs, at 0633 UT id. "Radio Guinee, 24 heures sur 24, Radio Guinee le grande maison, Radio Guinee le plus grand du monde", more African songs. 35433. (Manuel Mendez-ESP, hcdx Sept 23)

INDIA - List of AIR Stations {left ? wb.} on SW. It is for kind information that 15 AIR stations are still operating on SW, although many others were discontinued last month. The detailed list of currently active stations of AIR on SW is attached. (Jose Jacob-IND VU2JOS, <<http://www.qsl.net/vu2jos>> DXIndia Sept 6)

List of All India Radio shortwave transmitters de-commissioned :

On 30 July, 2019

1. HPT Khampur, Delhi - D-11 (250 kW), D-12 (250 kW), D-14 (250 kW), D-15 (250 kW), D-16 (250 kW).
2. Aligarh - A-3 (250 kW), A-4 (250 kW)
3. Gorakhpur (50 kW)
4. Jammu (50 kW)
5. Lucknow (50 kW)
6. Shimla (50 kW)

7. Panaji - P-2 (250 kW)
8. Mumbai (50 kW)
9. Guwahati - G-2 (50 kW), G-3 (50 kW)
10. Imphal (50 kW)
11. Itanagar (50 kW)
12. Kohima (50 kW)
13. Kurseong (50 kW)
14. Kolkata (50 kW)
15. Ranchi (50 kW)

On 23rd Aug, 2019

1. HPT Khampur, Delhi - D-13 (250 kW)
2. SPT Bangalore - BL-4 (500 kW)
3. HPT Malad, Mumbai (100 kW)
4. Port Blair (10 kW)
5. Shillong (50 kW)

(Alokesh Gupta-IND, DXindia Sept 6)

Very recently 21 SW transmitters of All India Radio has been shut down permanently

These include

AIR KURESONG 50 kW 4895 7230
 AIR MUMBAI 100 kW 7340 11935 (External services)
 AIR PORT BLAIR 10 kW 4760 7390
 AIR SHILLONG 50 kW 7315 4970

Latest SW schedule of AIR can be seen in:

<<https://qsl.net/vu2jos/sw/freq.htm>>

(Jose Jacob-IND VU2JOS <<http://www.niar.org>> DXindia Sept 5)

It seems, AIR Port Blair is still working on 4760 kHz. In this video (05 Sept) OM comments, music, YL at the end, and transmitter switch off at 2:18 (17:00 UT).

<<https://youtu.be/GWduuPUXNQE>>

(Eduard, dxld Sept 6)

{noted at 16.20 UT on Sept 8 in Doha Qatar: 4759.998 kHz, S=6-7 weak signal, wb.}

I have contacted the Station Engineer of AIR Leh just now. He confirmed that they are signing off at 1700 UT now a days (ie 1030 pm IST). In winter they sign off at 1630 UT.

Last night at around 1300-1430 UT I checked 4760 kHz and got their programs clearly (but weak). Earlier they used to be blocked by AIR Port Blair at my location.

Latest SW schedule of AIR can be seen in: <<https://qsl.net/vu2jos/sw/freq.htm>>

(Jose Jacob-IND VU2JOS, <<http://www.niar.org>> DXindia Sept 5)

AIR External changes - latest changes.

Due to shutting down of AIR Mumbai SW 100 kW transmitter, the following Services of AIR External Services are deleted.

0025-0430 7340 Urdu
 0830-1130 7340 Urdu
 1230-1500 7340 Sindhi
 1500-1600 7340 Baluchi
 1745-1945 11935 English (E.Africa)

Latest schedule is in: External Services

(Jose Jacob-IND VU2JOS, <<http://www.niar.org>> DXindia / direct Sept 6)

checked AIR outlets at 15 - 16 UT on Sept 12 on remote SDRs in Delhi, Qatar, Athen, Germany, Akitakata Japan.

4750even BGD S=9+25dB but unclear audio modulation sound.

4760even IND {yes, yes, I know the recent discussion about whether AIR from Ladakh or Pt. Blair discussion} S=9+10dB in Delhi, likely Ladakh ? who knows?

4765even TJK yes, real Yangi Yul Tjk R1 is back on even fq, S=9 signal.

4799.998 IND AIR Hyderabad S=9+10dB, QRM CNR1 Geermu ahead 4800 kHz.

4810.008 IND AIR Bhopal at 15.22 UT, S=9+20dB

4835even IND AIR Gangtok, weak and tiny S=5-6, at 15.23 UT.

4910.003 IND AIR Jaipur, S=9+35dB strong carrier, very low modulation though.
 4920 - two outlet strings visible on this channel 18 Hertz apart
 4919.982 and 4920.000 kHz equal signal power level, S=9+15dB of IND AIR Chennai, CHN Lhasa Tibet,
 15.24 UT.
 4949.996 IND AIR Srinagar Kashmir, S=9+15dB at 15.27 UT.
 5010v IND AIR Thiruvananthapuram. NOT ON AIR.
 5040.004 IND AIR Jeypore, S=9+5dB, 15.37 UT.
 6140even IND AIR Bangalore S=9+10dB at 15.39 UT.
 9380.005 IND AIR Aligarh, Hindi, poor S=6 local groundwave at 15.41 UT
 9620.014 IND AIR Aligarh, S=8 groundwave locally, low modulation
 9865.002 IND AIR Bangalore, S=9+10dB in Delhi, 15.45 UT.
 9950even IND AIR Bangalore, Swahili, S=6-7 poor signal in Delhi 15.46
 15175 or 15185 IND AIR Goa Panaji, NOT on AIR today at 15.50 UT.
 [selected SDR options, span 12.5 kHz RBW 15.3 Hertz] (wb df5sx, wwdxc BC-DX TopNews Sept 12)

IRAN - IRIB Tehran tentative schedule in B-19 season from Oct 27, 2019, til 29 March, 2020. Time sorted.

7230	2320	0050	12-16	SIR	500	240	-30	218	Spa	IRN	IRB	SPANISH
6090	0020	0220	12-16	SIR	500	298	-15	218	Spa	IRN	IRB	SPANISH
5950	0050	0220	30-31,40-42	SIR	500	65	-15	156	Tgk	IRN	IRB	TAJIK
7360	0050	0220	30-31,40-42	SIR	500	46	-30	206	Tgk	IRN	IRB	TAJIK
6055	0130	0330	39	SIR	500	215	0	211	Ara	IRN	IRB	ARABIC-S
6075	0220	0320	40E,41W	SIR	500	65	-15	156	Pus	IRN	IRB	PUSHTO-
6160	0220	0320	40E,41W	SIR	500	59	0	211	Pus	IRN	IRB	PUSHTO-
<i>delete Pashto 7230 & 7390 0220 0320 40E,41W AHW 250 84 PUSHTO in B18-</i>												
7380	0230	0530	38,39	ZAH	500	289	0	145	Ara	IRN	IRB	ARABIC-W
6070	0320	0420	38E,39W	SIR	500	285	15	156	Ara	IRN	IRB	PALESTI or ?
6085	0320	0420	38E,39W	SIR	500	288	-25	218	Ara	IRN	IRB	PALESTI
9550	0320	0420	30,31	SIR	500	18	0	146	Rus	IRN	IRB	RUSSIAN <i>addit</i>
7370	0330	0600	39	SIR	500	198	0	146	Ara	IRN	IRB	ARABIC-S
9755	0420	0450	38E,39W	SIR	500	293	30	218	Heb	IRN	IRB	HEBREW-
11780	0420	0450	38E,39W	SIR	500	287	0	218	Heb	IRN	IRB	HEBREW-
11875	0420	0550	29S,39N	SIR	500	310	0	211	Tur	IRN	IRB	TURKISH
13680	0450	0550	39,47,48,52	SIR	500	211	5	216	Swa	IRN	IRB	SWAHILI or ?
15140	0450	0550	39,47,48,52	SIR	500	216	0	216	Swa	IRN	IRB	SWAHILI
13820	0530	0730	38,39	ZAH	500	289	0	145	Ara	IRN	IRB	ARABIC-W
13710	0550	0650	46,47	SIR	500	255	-15	218	Hau	IRN	IRB	HAUSA- or ?
15360	0550	0650	46,47	SIR	500	263	0	218	Hau	IRN	IRB	HAUSA-
12035	0550	0820	30S,31S,40E	SIR	500	65	15	156	Prs	IRN	IRB	DARI <i>exAHW</i>
13790	0600	0830	39	SIR	500	216		216	Ara	IRN	IRB	ARABIC-S
15440	0650	0720	38E,39W	SIR	500	295	0	211	Heb	IRN	IRB	HEBREW-
17540	0720	0820	27,28,37,38	SIR	500	298	-15	218	Spa	IRN	IRB	SPANISH or ?
17545	0720	0820	27,28,37,38	SIR	500	293	30	218	Spa	IRN	IRB	SPANISH
13820	0830	1030	38,39	SIR	500	282	0	146	Ara	IRN	IRB	ARABIC-W <i>exZAH</i>
11930	0920	1150	30S,31S,40E	SIR	500	65	0	156	Prs	IRN	IRB	DARI--- <i>exAHW</i>
9495	0920	1220	30S,31S,40E	SIR	500	53	30	218	Prs	IRN	IRB	DARI--- <i>addit</i>
<i>delete Kazakh 15235 & 17660 0920 1020 30,31 IR 500 18 KAZAK in B18</i>												
15130	0930	1130	39	SIR	500	198	0	146	Ara	IRN	IRB	ARABIC-S
9440	1030	1430	38,39	ZAH	500	289	0	145	Ara	IRN	IRB	ARABIC-W
<i>delete Japanese 13830 1050 1150 45 SIR 500 60 JAPANESE in B18</i>												
15130	1130	1430	39	SIR	500	198	0	146	Ara	IRN	IRB	ARABIC-S
11930	1150	1250	30S,31S,40E	SIR	500	65	0	156	Prs	IRN	IRB	DARI--- <i>addit</i>
15240	1150	1220	38E,39W	SIR	500	270	-25	156	Heb	IRN	IRB	HEBREW-
<i>delete 13630 13830 13855 1150 1250 42-44 SIR 500 68 -15 218 CHINESE in B18</i>												
17595	1220	1250	46,47	SIR	500	248	-15	218	Hau	IRN	IRB	HAUSA-
<i>delete 15180 15720 17570 17715 1220 1320 49,54 SIR 500 115 MALAY/INS in B18</i>												
7360	1220	1320	30S,31S,40E	ZAH	500	nondir		935	Pus	IRN	IRB	PUSHTO- <i>addit</i>
7435	1220	1320	30S,31S,40E	SIR	500	60	-30	218	Pus	IRN	IRB	PUSHTO- <i>addit</i>
9510	1220	1320	30S,31S,40E	AHW	500	nondir		935	Pus	IRN	IRB	PUSHTO-
6000	1250	1420	40E,41N	SIR	500	83		218	Urd	IRN	IRB	URDU-
7355	1320	1420	39	SIR	500	313	0	218	Kur	IRN	IRB	KURD-SH
9835	1320	1420	28E,29,30	SIR	500	336	0	146	Rus	IRN	IRB	RUSSIAN
6010	1420	1520	41	SIR	500	100	-15	218	Hin	IRN	IRB	HINDI-
7300	1420	1520	41	SIR	500	102	0	146	Hin	IRN	IRB	HINDI-
6150	1420	1520	41NE	SIR	500	90	0	218	Ben	IRN	IRB	BENGALI
9870	1420	1520	41NE	AHW	500	nondir		935	Ben	IRN	IRB	BENGALI <i>exSIR</i>
7310	1430	1730	37,38,39	ZAH	500	289	0	145	Ara	IRN	IRB	ARABIC-W

9800	1430	1730	39	SIR 500	216	0	216	Ara	IRN	IRB	ARABIC-S
<i>delete 7445 9810 1450 1550 30, 31, 40 SIR 500 18UZBEK in B18</i>											
6000	1520	1620	40E,41N	SIR 500	90	0	145	Urd	IRN	IRB	URDU-
7315	1520	1620	41,49,54	SIR 500	105	5	218	Eng	IRN	IRB	ENGLISH
5925	1550	1720	29S,39N	SIR 500	298	-15	218	Tur	IRN	IRB	TURKISH
5935	1620	1720	40E,41W	ZAH 500	nondir	935	Pus	IRN	IRB	PUSHTO-	<i>exAHW</i>
6150	1620	1650	41NE	SIR 500	90	0	218	Ben	IRN	IRB	BENGALI
7375	1620	1650	41NE	SIR 500	90	0	145	Ben	IRN	IRB	BENGALI
7430	1620	1720	29,39,40NW	SIR 500	320	0	146	Axm	IRN	IRB	ARMENIAN
6055	1720	1820	27,28	SIR 500	320	25	156	Deu	IRN	IRB	GERMAN <i>single</i>
6110	1720	1820	28S	SIR 500	300	30	218	Bos	IRN	IRB	BOSNIAN
6060	1730	0230	37-39	ZAH 500	289	0	145	Ara	IRN	IRB	ARABIC-W
6135	1820	1920	27,28	SIR 250	313	0	218	Fra	IRN	IRB	FRENCH-
7305	1820	1920	28S	SIR 500	320	0	146	Sqi	IRN	IRB	ALBANIA <i>single</i>
7435	1820	1920	46,47	SIR 500	255	-15	218	Hau	IRN	IRB	HAUSA-
6135	1920	1950	28S	SIR 500	295	0	156	Ita	IRN	IRB	ITALIAN
6190	1920	1950	28S	SIR 500	300	30	218	Ita	IRN	IRB	ITALIAN
6040	1920	2020	27,28	SIR 500	313	0	218	Eng	IRN	IRB	ENGLISH
11880	1920	2020	52,53,57	SIR 500	211	15	216	Eng	IRN	IRB	ENGLISH
7360	2020	2120	27,28,37,38	SIR 500	298	-15	218	Spa	IRN	IRB	SPANISH
11870	2020	2120	12-16	SIR 500	238	-15	218	Spa	IRN	IRB	SPANISH
<i>delete 5955 6145 7425 2050 2150 45 SIR 500 53 JAPANESE in B18</i>											
7225	2220	2320	46,47	SIR 500	255	-15	218	Hau	IRN	IRB	HAUSA- or ?
7280	2220	2320	46,47	SIR 500	255	-25	156	Hau	IRN	IRB	HAUSA- <i>new</i>
<i>delete 5935 6010 7420 2220 2320 49,54 SIR 500 115 MALAY/INDONES in B18</i>											
<i>delete 5990 6110 9490 2320 0020 42-44 SIR 500 68 CHINESE in B18</i>											
7260	2320	0020	46,47	SIR 500	255	-15	218	Fra	IRN	IRB	FRENCH- <i>new or?</i>
9660	2320	0020	46,47	SIR 500	263	0	218	Fra	IRN	IRB	FRENCH- <i>new</i>
7230	2320	0050	12-16	SIR 500	240	-30	218	Spa	IRN	IRB	SPANISH
6090	2320	0220	12-16	SIR 500	298	-15	218	Spa	IRN	IRB	SPANISH

(hfcc B-19 IRIB entries, time sorted via wwdxc BC-DX TopNews Oct 4)

KOREA REP. - Monitored 22.45 UT Oct 4, 2019 in Hiroshima, mostly coming from Kyonggi do Koyang KOR:

3474.988 VoP (3464 bis 3485 jamming)
 3904.966 VoP (3890 to 3940 jamming)
 3929.991 VoP (3920 to 3940 jamming)
 3980.014 VoH Hwaseong (3981 to 3988 jamming)
 4450even VoP kein Jamming ab 23.00 UT
 4885.005 EoH Seoul kein Jamming
 5990.030 EoH Hwaseong (5991 to 6018 kHz jamming)
 6249.996 EoH Seoul (6216 to 6365 kHz jamming)
 6348.032 EoH Hwaseong (6216 to 6365 kHz jamming)
 6519.970 VoP no jamming
 6595.006 VoP no jamming
 9099.996 EoH Seoul (9089 to 9108 kHz jamming)

Some QRGs are jammed on an unregular basis, you may guess why: save energy, energy break down, different security organizations, or else ...

Nach Informationen von northkoreatech.org haben zwei südkoreanische Radiosender einige ihrer Sendefrequenzen geringfügig verschoben, um nordkoreanischen Störsendern zu entgehen.

Stimme des Volkes: 3.475 kHz (ex 3.480); 3.905 (ex 3.910); 6.595 (ex 6.600) und unverändert 3.390, 4.450 und 6.520;
 Echo der Hoffnung: 3.980 kHz (ex 3.985); 5.990 (ex 5.995); 6.348 (ex 6.350) und unverändert 4.885, 6.250 und 9.100 kHz.

Nordkorea hat noch nicht auf die Änderungen reagiert und setzt den Betrieb seiner Störsender auf ihren alten Frequenzen fort. Die nordkoreanischen Behörden haben jahrelang versucht, ihre Bürger daran zu hindern, die Sender zu hören, indem sie ihren Empfang störten. Obwohl das Kurzwellenradio von einem Großteil der Welt zugunsten des Satelliten- und Internet-Rundfunks aufgegeben wird, bleibt es eine wichtige Technologie für Gruppen, die unzensurierte Informationen nach Nordkorea bringen möchten. Eine Handvoll Sender, darunter Voice of America, Radio Free Asia, KBS und die BBC, richten sich an Nordkorea. Nachts sind inländische südkoreanische AM-Radiosender auch in Nordkorea zu hören.

Quelle:

<<https://www.northkoreatech.org/2019/10/02/south-korea-adjusts-some-radio-frequencies-to-escape-jamming/>>

KUWAIT - MOI Radio Kuwait in Filipino on two frequency in // on September 19:

1055-1200 on 9749.8 KBD 250 kW / 286 deg to NEAf Filipino, instead Arabic GS
 1000-1200 on 17760.0 KBD 250 kW / 084 deg to SEAs Filipino, as scheduled A-19
 1200-1330 on 9749.8 KBD 250 kW / 286 deg to NEAf Arabic GS as scheduled A-19
 1200-1205 on 17760.0 KBD 250 kW / 084 deg to SEAs Arabic GS, unscheduled A-19
 (DX MIX 1049)

KYRGYZ REPUBLIC - 4010.112 kHz Birinchi Radio Krasnaya Rechka Bishkek, just heard Kyrgyz National Hymn played at 00.01 UT on Aug 25. S=9+20dB signal noted in Delhi India.

[selected SDR options, span 12.5 kHz RBW 15.3 Hertz](wb df5sx, DXplorer wwdxc BC-DX TopNews Aug 25)

LIBERIA - 6050 kHz ELWA Radio, Monrovia, at 0620-0641 UT on Sept 19, religious songs and comments, English. 25432. (Manuel Mendez-ESP, hcdx Sept 23)

MADAGASCAR - 5009.94 R. Madagasikara, Ambohidrano. Music programming and Malagasy anncts in 1848 UT. News reports, commentaries and interviews from 1900 UT. Back into selections of pleasant local music programming from 1945 UT. Monitored to well past 2030 UT. Although the carrier was fairly strong, the audio level was often down throughout the transmission, Aug 12. But on Aug 16 at 1940 UT, no sign of Madagasikara here or on the ZS6A KiwiSDR in Jo'berg. Sp this operation would seem to be irregular.

(Rob Wagner-Vic-AUS VK3BVW, Sept "ADXNews" magazine of ARDXC; direct and via dxld Sept 10)

see trace on Sept 13:

5009.926 MDG Radio Madagasikara, Antananarivo, Malagasy, S=6 in Japan at 17.42 UT.

5009.998 IND AIR Thiruvananthapuram. S=8 only, not as strong as usual 17.36 UT on Sept 13 in Delhi India.

[selected SDR options, span 12.5 kHz RBW 15.3 Hertz](wb df5sx, wwdxc BC-DX TopNews Sept 13)

MALI - 5995 kHz R. Mali domestic, Bamako in Bambara Aug 29 at 1823-1845 UT local humdrum chant w/ instrumental music, man talk, local instrumental sound at 1830 UT w/ man ID (Radio Mali), other man talk (ment. Bambara, Mali, Sudan - poss. news till 1835 UT), brief local humdrum chant w/ instrumental music, same man talk (w/ two coughs), continuing long local humdrum chant; better in ssb, ceaseless fast qsb, moderate qrn rustle in increasing, fair/almost good.

9635 kHz RTV du Mali, Bamako, in French on Aug 17 at 0803-0820 UT local strings sound and singsong chant w/ instrumental music till 0808 UT, woman brief announcement, two non stop long local choral singsong chants w/ strings and percussions sound (very boring); ceaseless moderate fast qsb w/ qrn moderate rustle, almost good.

(Gianni Serra-ITA, via gh-ok wor Sept 7)

MONGOLIA - 4895 kHz Mongolian Radio 3 {from Murun site, wb.} (presumed), on Sept 8 noted 1110UT, with decent level carrier, but no audio detected. The only good thing about AIR Kurseong no longer being here, is that Mongolia is now in the clear. Signal is much stronger than the AIR signal ever was; still on at last check at 1210 UT. (Ron Howard-CA-USA, direct via wwdxc BC-DX TopNews Sept 8)

Yes, seems to be on every now and then. It carries first programme as given on:

<http://www.wrth.com/_shop/?p=5220>

7260 kHz {Ulan Bataar site} is on the air fairly regularly carrying 3rd prgr between 2300-0500 & 0700-1500 UT.

(for 7260 also see Vanuatu. we)

4895 kHz has been on the air occasionally since the beginning of 2019 during local daytime, but carrying now 1st prgr. instead, starting at 2300 UT unlike longwave frequencies at 2200 UT.

4830 kHz {Altay site} has been off the air completely lately.

Today it signed off at 1350 UT. Again nothing on 4830 kHz. Let's see, if it is gone forever.

(Mauno Ritola-FIN, direct via wwdxc BC-DX TopNews Sept 8)

MONGOLIA / KOREA D.P.R. - 12015 Mongolia & D.P.R.Korea. Two stations here.

12014.89 kHz approx is VoMongolia, Ulaanbaatar at 1415 UT in Mandarin to Asia. A few Hertz up on 12014.98 kHz is VoKorea, Kujang in Russian to Europe. Both were weak signals here at Mount Evelyn on Aug 11.

12015 kHz China & D.P.R. Korea. CRI, Beijing in English to EUR at 1700-1758 UT. Plus VoK, Kujang in Russian also to EUR at 1700-1800 UT a few Hertz off-frequency. CRI is the dominant station here, Aug 12

12018.98 kHz VoVTN from Son Tay. English to EaAS at 1135 to 1200 UT, then into Japanese. The English service again at 1230-1300 UT. A fair signal, Aug 11.

(Rob Wagner-Vic-AUS VK3BVW, Sept "ADXNews" magazine of ARDXC; direct and via dxld Sept 10)

NEW ZEALAND - 6170 kHz on September 5 at 0543 UT, surprised to find RNZI good on here at unsked time, so replacing 9700? kHz - NO, // very good 9700 kHz is still on too and stronger, so both transmitters are running in AM. This may be another Thursday-maintenance test anomaly. BTW, 6170 kHz is much stronger than adjacent 6165 kHz RHC. By 0558 UT, 6170 kHz is off; at 0602 UT both 5945 kHz and 9700 kHz are on, and 9700 does not go off until late at 0603* UT, unusual.

(gh, hcdx wor dxld Sept 5; did insert by wb for TopNews website: 'kHz and UT' for the clarity and clarification)

NIGERIA - 11770 kHz on Sept 3, at 1903-1914 UT, Voice of Nigeria, Abuja-NIG, in Fulfulde. Man announcer talks news, presumably; 1913 UT man voice, ID. Good reception to this fulfulde program at this time (Not in french!), 45544.

11770 kHz on Sept 7, at 2028-2050 UT, Voice of Nigeria, Abuja-NIG, in Hausa. Man announcer in conversation with a Nigerian citizen; 2031 UT ID and men talk news about Nigeria, presumably; 2047 UT A local song. ID. Fair reception with slight fades, 45433. (JRX_Jose Ronaldo Xavier-BRA, hcdx Sept 3 / 7)

7254.9 kHz on Sept 5 at 0548 UT, VON is on at S=9+20dB with African music, drumming prelude to 0600 UT Hausa. One never know whether this will be on or AWOL.

(Glenn Hauser-OK-USA, hcdx, wor and dxld Sept 5)

OMAN - Radio Sultanate of Oman again with English prgr, Sept 6:

1400-1500 9620 THU 100 kW 315 deg to WeEUR English, good signal

from 1500 9620 THU 100 kW 315 deg to WeEUR Arabic, good signal.

(gh, hcdx, wor and dxld Sept 6)

PERU - [tentative] Station on 4940 kHz? I'm hearing a weak station on 4940 kHz right now (2305 UT) with music. SAL-12 antenna favors a southerly direction. Could it be Radio SanAntonio, making one of its occasional appearances? [later] Language is definitely Spanish, but I haven't yet been able to pick out an ID. Lots of QRN!

Re: Station on 4940 kHz?

Station seems to have dropped off the air at 0000 UT hours. I'll have to check the recording to see if I can find an ID. (Arthur Delibert, North Bethesda-ML-USA, hcdx Sept 14-15)

DBS #20 by Anker Petersen has this comment: 4940 PRU Radio San Antonio, Villa Atalaya, Ucayali last heard JULY15 (wb df5sx)

4939.964 kHz May 22 2224 UT R San Antonio, Atalaya, quiet religious songs and music, weak signal. (TN)

You can listen to Karel Honzik's recording here: <<http://dx-kh.cz/2019/05/15/radio-san-antonio-4940-khz-peru/>> (TN)

4940 May29 Radio Brazil Central? Checking the possible reactivation of Radio San Antonio acc. to information from Karel Honzik via RealDX at BCLNews. I find to my surprise that it is the frequency of Radio Brasil Central from Goiania. I do not have any records of this station operating on this frequency since the Brazilian stations in tropical band transmits with a spacing of 5 kHz (eg 4885, 4895, 4845 kHz, etc).

Despite the low audio, songs and talks in Portuguese and mentioning the ABC Agencia Brasil Central and with TC UTC-3hrs.

(Rafael Rodriguez via WRTH F_B) TN, Thomas Nilsson, Aengelholm-SWE. (SW Bulletin June 2 via dxld)

PHILIPPINES - 9794.976 kHz FEBC Manila via Iba site, Mongolian sce, religious chorus theme heard, S=9+5dB at 23.24 UT on Aug 30. Male prayer sermon at 23.31 UT.

12069.969 kHz FEBC Manila via Iba site, Chinese sce. S=9+5dB at 23.45 UT on Aug 30.

Heard on remote access at SDR unit in Hiroshima Akitakata and Tokyo Japan.

[selected SDR options, span 12.5 kHz RBW 15.3 Hertz](wb df5sx, DXplorer wwdxc BC-DX TopNews Aug 30)

ROMANIA - Interradio Romania (Radio Romania International) Stays Shortwave --- The management of Interradio Romania does not plan to refuse short-wave broadcasting in order to save the budget. This was written to me by the Russian editorial staff, answering my question about the possible closure of short-wave broadcasting.

"The Board of Directors of the Romanian Radio did not approve the proposal to close the broadcasting of short-wave IRR. This was one of the suggestions made by management in view of cost reduction. At the moment, our broadcasting

is not threatened with termination, even negotiations were held on new frequencies for the winter of 2019-2020. This is not the first such attempt to switch to Internet broadcasting and we hope that in our work there will be changes only for the better."

At the end of August, some media reported on the possible refusal of Interradio Romania to broadcast on short waves. The proposal was made by the General Director of SRR ("Romanian Public Radio") Georgica Severin <<https://kolkeradio.blogspot.com/>> (Rus DX 8 Sept via WOR 1999, DXLD)

RUSSIA - Mystery Russian shortwave DRM test throughout Chukotka, August 31:

2000-1000 on 11615 K/A 250 kW 34 deg to FERUS Russian PROPAGATION TEST AM
 2000-1000 on 12025*K/A 100 kW 34 deg to FERUS Russian Mystery Russian DRM
 *alternative 15735 K/A 100 kW 34 deg to FERUS Russian Mystery Russian DRM

Changes of Mystery Russian DRM transmissions eff. from September 5:

2000-0300 on 12025 K/A 100 kW 34 deg to FERUS Russian DRM, ex 2000-1000UT
 0300-1000 on 15735 K/A 100 kW 34 deg to FERUS Russian DRM, ex alternative
 2000-1000 on 11615 K/A 250 kW 34 deg to FERUS PROPAGATION TEST, unchanged
 (Ivo Ivanov-BUL, hcdx & dxld via wwdxc BC-DX TopNews Sept 2 / 5)

SOLOMON ISLANDS - 9545 kHz, SIBC Honiara, at 0449 UT till cut off at 0459* UT, Sept 26. Finally strong enough to be able to ID one of their songs, with distinctive "Shallow," by Lady Gaga & Bradley Cooper; cut off time is via timer (always the same time).

(Ron Howard-CA-USA, direct and wor dxld via wwdxc BC-DX TopNews Sept 28)

TAIWAN - 6229.953 kHz SOH from Taiwan, Chinese, S=6-7, at 23.14 UT and //

6230even co-channel CNR1 powerhouse jamming from China mainland.
 7650.312 SOH from Taiwan, Chinese, S=5-6 -96dBm, at 23.10 UT.
 9280.023 SOH from Taiwan, Chinese, S=5-6 -96dBm, at 23.18 UT.
 9970.200 SOH from Taiwan, Chinese, S=4-5 poor, at 23.30 UT.
 11500.086 SOH from Taiwan, Chinese, S=7-8, at 23.35 UT.
 11529.972 SOH from Taiwan, Chinese, S=9+5dB, at 23.37 UT. and //
 11530even CNR1 powerhouse jamming from China mainland.
 11580.121 SOH from Taiwan, Chinese, S=7-8, at 23.39 UT.
 11715.012 SOH from Taiwan, Chinese, S=9+5dB, at 23.40 UT.
 13530.223 SOH from Taiwan, Chinese, S=9+5dB, at 23.51 UT. and //
 13530even CNR1 powerhouse jamming from China mainland.
 13550even CNR1 powerhouse jamming from China mainland, S=9+30dB, against whom ? -
 nothing underneath traced. 16 kHz wideband signal at 23.53 UT.
 13775even CNR1 powerhouse jamming from China mainland, S=9+30dB, against whom ? -
 nothing underneath traced. 16 kHz wideband signal at 23.56 UT.
 13820.185 SOH from Taiwan, Chinese, S=8-9, at 23.58 UT on Aug 30.
 Heard on remote access at SDR unit in Hiroshima Akitakata and Tokyo Japan.
 [selected SDR options, span 12.5 kHz RBW 15.3 Hertz](wb df5sx, DXplorer wwdxc BC-DX TopNews Aug 30)

UNITED KINGDOM [non] - A-19 S-19 schedule of BBC Farsi from Sept 20:

0330-0430 9825 SCB 100 kW 090 deg to WAS Farsi unchanged
 0330-0430 11875 SLA 250 kW 340 deg to WAS Farsi unchanged
 0330-0430 13825 TAC 100 kW 219 deg to WAS Farsi unchanged
 0430-0530 9480 DHA 250 kW 045 deg to WAS Farsi from Sept.20
 0430-0530 11875 SLA 250 kW 340 deg to WAS Farsi from Sept.20
 0430-0530 13825 TAC 100 kW 236 deg to WAS Farsi from Sept.20
 1600-1700 5875 TAC 100 kW 236 deg to WAS Farsi from Sept.20
 1600-1700 6195 SLA 250 kW 335 deg to WAS Farsi from Sept.20
 (Ivo Ivanov-BUL, hcdx dxld via wwdxc BC-DX TopNews Aug 22)

{IRAN IRDT } called 'Iran Daylight Time' or IRDT.

2019 Fri, March 22, 00:00 LT til Sun, Sept 22, 00:00 LT Daylight Saving Time transitions.

The dates of DST transitions in Iran are based on the Solar Hijri calendar, the official calendar of Iran, which is in turn based on the March equinox (Nowruz) as determined by astronomical calculation at the meridian for Iran Standard Time (52.5 deg E or UTC+3.5h). This results in the unusual situation wherein the dates of DST transitions don't fall on the same weekday each year as they do in most other countries.

DST starts in Iran at 24:00 on 1 Farvardin, which corresponds to either 20 or 21 March in the Gregorian calendar, depending on the precise timing of the equinox. (This is equivalent to 00:00 on 2 Farvardin, either 21 or 22 March.)

Clocks move forward at that time to 01:00 on 2 Farvardin (21 or 22 March). This spring change takes place at the end of the day of Nowruz, which is the Iranian New Year's Day and the most important festival in Iranian culture.

DST likewise ends in Iran at 24:00 on 30 Shahrivar, which corresponds to either 20 or 21 September. (Equivalently, at 00:00 on 31 Shahrivar, either 21 or 22 September). Clocks move backward to 23:00 on 30 Shahrivar (20 or 21 September).

<https://en.wikipedia.org/wiki/Iran_Standard_Time>

U.S.A. - 17775 I was planning to catch Wavescan here in Indian Wells, CA, via KVOH on Saturday (24 Aug), the only day they broadcast in English on SW. But they signed on, on 17775 kHz, at about 15:06 UT Aug 26, six minutes late. However, the signal and the rest of the program were great. Guess I'll go on line to hear the beginning of the show. (Richard Langley-NB-CAN, wor Aug 26)

Actually, I too was surprised the signal was good in Indian Wells. However, Indian Wells is directly in front of the beam of the antenna, and the ground wave obviously travels further in that direction. I wouldn't have expected it to be good at 90 miles, however. I live approximately 15 miles off the side of the antenna, and can barely hear it at my house, even with an external longwire.

From past reports we have received for 17775 kHz, it seems the daytime skip zone for that frequency starts right around where Richard was located, and stretches all the way over to eastern New Mexico / west Texas, and the Oklahoma panhandle.

Ray Robinson
Voice of Hope World Radio Network Americas/Africa/Middle East
<<http://www.voiceofhope.com>> (wor Aug 28)

Re: KVOH Late Sign On. - FWIW -
At my QTH in Studio City, the KVOH signal on 17775 kHz is consistently s9+.
(David Alpert-USA, wor Aug 29)

17775 kHz According to a programme schedule of 1 Sept, KVOH now has the following schedule:
1400-1905 UT Monday,
1400-2100 UT Tuesday,
1400-1900 UT Wednesday,
1400-2100 UT Thursday,
1400-1900 UT Friday,
1500-2000 UT Saturday.

The Saturday programmes are in English, all other programmes are in Spanish.
<http://www.voiceofhope.com/schedule/kvoh_program_grid.pdf>
(via Prof. Dr. Hansjoerg Biener-D, via wwdxc BC-DX TopNews Sept 12)

Next week WBCQ-6 Super Station will be testing on 3 new frequencies 12120, 15705 and 17735 kHz at various times starting at 50 kW, then 100, 150, 200, 250, 500 kW.

0900-1157 15705 BCQ 500 kW 60 deg to NE/ME Arabic
1200-1957 17735 BCQ 500 kW 60 deg to NE/ME Arabic
2000-0857 12120 BCQ 500 kW 60 deg to NE/ME Arabic

This corresponds to the latest HFCC registration Arabic only as 500 kW 60 deg only, so who needs a rotatable antenna? Oblivious of the continuous RTTY 12120 kHz, who won't be too happy about being blasted by 500 kW of broadcast.

Per UDXF Logs, it's the US Navy's ubiquitous NAU in Isabela, Puerto Rico.

So WBCQ must have got the needed documentation how to tune up other frequencies than 9330. But are there any ex-Ampegon engineers back at WBCQ by now?
(gh, dxld wor August 31)

Test of WBCQ-6 Super Power Station on 9330 kHz, September 24:
from 0600^on 9330*BCQ 500 kW / 060 deg to N/ME Music & En ID, fair
* instead of 12120 BCQ 500 kW / 060 deg to N/ME Arabic in A-19 HFCC
from 0900 on 9330#BCQ 500 kW / 060 deg to N/ME Music & En ID, good

from 1100 on 9330#BCQ 500 kW / 060 deg to N/ME - WBCQ 94.7 KIXX FM
 # instead of 15705 BCQ 500 kW / 060 deg to N/ME Arabic in A-19 HFCC
 from 1200 on 9330!BCQ 500 kW / 060 deg to N/ME Music & En ID, good
 ! instead of 17735 BCQ 500 kW / 060 deg to N/ME Arabic in A-19 HFCC
 ^0655-0750 on 9330 Sun/Mon/Wed/Fri Spanish - Cuban Spy Numbers HM01
 BUT frequency 9330 kHz is unregistered/deleted in A19 HFCC Database
 2000-0857 on 12120 BCQ 500 kW / 060 deg to N/ME Arabic from July 11
 0900-1157 on 15705 BCQ 500 kW / 060 deg to N/ME Arabic from July 11
 1200-1957 on 17735 BCQ 500 kW / 060 deg to N/ME Arabic from July 11
 (DX MIX 1049)

9330.13v kHz, Friday Sept 6 at 2151 UT, WBCQ is on here at S8 with hard rock music instead of NOAA Weather Radio relay. Must be gearing up for AAAXWW. At 2222 UT the modulation is cutting off and on.

7490.21v kHz Friday Sept 6 at 2153 UT, 'Behaviour Night' music, but too much noise here to enjoy Sir Scratchy and his ancient tunes.

(7490 kHz), UT Sat Sept 7 from 0000 UT, WBCQ webcast of 'Allan and Angela Weiner WorldWide', since I am busy editing on computer, don't even try to hear it on SW. Ramsey calls in almost immediately, and I keep listening since there is hardly and politix this week, just about the SuperStation and technology, such as railing against computer dependence keep it out of our transmitters!

But first at 2359 UT on Sept 6, I notice that previous program wrapping up, radiosermontime.org thinx he will be on WINB 9625 [sic] tomorrow, and also on WWRB 5050 kHz. Clunk, hangs up phone. That weblink does not work.

First, AW makes it clear that he does *not* want to be stuffed post-mortem, note that Angela! Even if it's legal in strange Canada.

6160 kHz has been retubed by TimTron, at a cost of tens of thousands of dollars; and blew 800-amp fuses.

Lack of equipment support: Ampegon that went bankrupt are dicks. Continental people are dickish.

One guy formerly with Ampegon, RF engineer named Norbert is now here working on the antenna. Antenna tuning unit is in the tubular sexion. 50 and 100 ohms have to be matched for different frequencies. The ATU has four caps which cost \$18K each. Two coils are ganged together by a chain, which broke. A special 8-mm chain, hard to replace, but Angela located one which was shipped in from NC, arrived today. It's like a bicycle chain, and lubricated like one. AW went up 40 feet to install it, and now that is working. Tonight's show is "quinta-casting" on 3265, 5130, 6160, 7490, 9330kHz=backup not Spanish.

At 0055 UT looks thru the new issue of Free Radio Weekly, just published, mentions pirates logged and frequencies, but no dates, times or credit; including YHWH by me which he thinx is religious - hee hee, yeah, anti-Christ, as I often denominate it but not this time. Then to e-mail.

Confirms that 9330 kHz has been relaying NOAA Weather Radio, from FL, SC, NC, and would do that again if needed. Thinx that Our Father is responsible for steering Dorian away from US mainland. Prayer until 0104 UT, then plugs 6160 kHz available 24hrs/7d at \$35 an hour; or would like to lease it out full-time.

5130 kHz is a "loss-leader" subsidized partially by Larry Will and AW, now offering a fall pirate special at \$10/hour for a minimum of two hours avoid getting busted with a 10-megadollar fine. Some time also available on 7490 kHz, but not 9330 or 3265 kHz; finally ends at 0107 UT.

Here's John Carver's version: "Tonight's show started on time on 7490 kHz. Allan and Angela in the studio. Opening talk concerned a statement about wanting to stuff Allan when he died. Allan said no. First phone call at 0005 UT from Ramsey, pointing out to Allan that Roy Rogers had Trigger stuffed when he died. Discussion about having people stuffed and then one on preserving people's heads after they died.

There has been some support from the old Ampegon company starting to trickle through. They've sent an engineer from Germany who has been helping them adjust the antenna. A chain that is used during the antenna change broke. [...] Long discussion about how poorly digital and computerized things work and how Allan wishes they would be built the old way. Reading of emails at 0054 UT beginning with the Free Radio Weekly.

Closing prayer at 0101 UT. It was announced that they have a special on airtime on 5130 kHz. Two hour minimum time slot at ten dollars per hour. Program was off the air at 0106 UT and then into Brother Stair. Despite the signal reports this evening I had a poor signal or no signal on the frequencies I tried. John, Mid-North Indiana".
 (gh, hcdx wor dxld Sept 7; did insert by wb for TopNews website: 'kHz and UT' for the clarity and clarification)

5800 kHz on the air even when the other transmitters are down and even if there is a power outage ! (Aug 30)

Ich weiss zwar nicht wie die Bedingungen aus NAM ueber den Atlantik hinweg heute frueh waren, aber die exact 5800 kHz als zusaetzlicher Reservesender bei WRMI Okeechobee Florida USA war in den letzten circa 6 Wochen schon oeffters in West Europa zu hoeren.

Und dies meist mit Musikprogrammen. Viel staerker als die 5950 kHz transmission von dort. (wb df5sx)

Bei WRMI Okeechobee ist ja vieles auch eine Frage der Richtung. 5950 kHz => 285 degr TX #5 Richtung SWUSA / Mexico)

5800 / 5010 kHz => 181 degr TX #14 towards Caribbean, zones 10-12.
27 27 03.12 N 80 56 18.27 W zoom in at <<https://goo.gl/maps/rVUYrEhECa3WTjBz6>> dimmly at BING maps
<<https://binged.it/2LeBmuy>>

antenna ITU type #805, log-periodic horizontal LPH 18/36.5/32.2/16.7/1.4/13.2/200

Horizontal log-periodic antenna

Designation: LPH N / L / h1 / hN / l1 / lN / Z, where N : number of elements.

L : distance between the centres of the shortest and the longest element (m).

h1 : height of the shortest element (m).

hN : height of the longest element (m).

l1 : half-length of the shortest element (m).

lN : half-length of the longest element (m).

Z : impedance of the antenna internal feeder line ().

WRMI Radio Miami International, NW 240th St, Okeechobee, FL 34972, USA
(Roger Thauer-D, A-DX Aug 30)

5800 kHz WRMI on Aug 28 at 0610 UT, trace of music, could be // 9395 kHz, not 5950 kHz; the strange WRMI "test frequency" they hope to keep on the air even if all the other transmitters have to close down during high winds from Dorian, even power outage.

This further raises the question, is 5800 kHz really somewhere else than Okeechobee? Like maybe the abandoned 9955 kHz site Hialeah? WRMI has been very mum about this; altho in Jeff's HFCC 100 kW at Okeechobee is also claimed for 5800 since "RMI" means Okeechobee, only; but would not be the only imaginary info in HFCC. ... (gh, hcdx Aug 30; did insert by wb for TopNews website: 'kHz and UT' for the clarity and clarification)

WRMI Florida posted this update re approaching Hurricane 'Dorian':

Thanks to those who have sent messages of concern about Hurricane Dorian, which is currently headed almost right toward our Okeechobee transmitter site. We are of course watching the situation and making all of our preparations. Please note that when the high winds begin to affect our area, our transmission lines will probably flap around and hit together, causing arcing which could damage the transmitters.

So at that point we will probably have to shut all transmitters down until the hurricane passes in order to minimize damage. This could begin on Sunday evening, as we see it right now. We may be able to maintain our test frequency of 5800 kHz on the air even when the other transmitters are down and even if there is a power outage. We will keep you updated.

(WRMI F_B page, via Alan Pennington_UK BrDXC-UK newsgroup 30 Aug)

Hurricane Dorian and WRMI installations. As of right now, the track for Hurricane Dorian may pass somewhere close to the WRMI transmitter facility north of Okeechobee, FL. As that area is extremely rural, a storm of the magnitude of Dorian could be devastating. The many antennas on the 900+ acres could suffer damage, as well as the many open feed transmission lines. Because WRMI is at the "end of the line" for both power and the Internet, even if the site survives with less than anticipated damage, it still may be off the air for an extended time.

Generators for such a facility are prohibitively expensive (unless you are the Federal Government) and not really practical. It will be interesting to see which direction this storm tracks, as it has changed often during the past week. (Bob Biermann-USA, wor Aug 30)

WRMI Radio Miami International 1 hr +Hurricane Dorian Update - It seems that the eye of the hurricane is not going to hit the coast of Florida. But there will still be high winds in Okeechobee and we hope that the power will not go out. One of our Internet services has been shut down due to the hurricane (they are based in Vero Beach on the coast), so some of our clients cannot upload programs to us temporarily (especially to 9395 kHz), and our live stream on wrmi.net is down for the moment. We hope this service will be back within the next 24 hours if the hurricane continues

on its present course. Thanks for all of your messages of concern and prayers.
(gh wor via dxld Sept 3)

{RAE Buenos Aires relay via WRMI Okeechobee-FL US state bcast}

On September 2, 2019, the RAE adjusted the broadcast frequency of the short-wave program launched by WRMI for the fifth time in 2019. The specific adjustment was: the German program frequency was adjusted from 7780 kHz to 9395 kHz, and the broadcast time remained unchanged: 22.00-23.00 UT.

Frequency list from September 2, 2019 (time defaults to UT):

0100-0130	9395 kHz	Tue-Sa	English	NAmEast Coast
0800-0900	5950 kHz	Tue-Sa	Japanese	NAmWest Coast, Asia Direction
0900-1000	5950 kHz	Tue-Sa	Chinese	NAmWest Coast, Asian Directions
1100-1200	9955 kHz	Mo-Fr	Portuguese	C&SAm(Latin America) Direction
1300-1330	15770 kHz	Mo-Wed	French	NAm East Coast, Eu, ME, NAF Direction
2100-2200	9395 kHz	Mo-Fr	Italian	NAmEast Coast Direction
2200-2300	5010 kHz	Mo-Fr	Spanish	C&SAm (Latin America) Direction
2200-2300	9395 kHz	Mo-Fr	German	NAm East Coast Direction
2330-0000	7780 kHz	Mo-Fr	French	NAm, European Direction.

Japanese and Chinese programs are actually broadcast from Tue-Sa.
(via <<http://cahcn.github.io>>, Sept 3)

WRNO - Glenn Hauser recently praised regular bandscanning as an opportunity to note anomalies. Given the past, it might be noteworthy that WRNO Worldwide was noted on the air on 7505 kHz at different times of their usual time span (including sign of at 0400 hrs UT) from 20 to 26 August (22 August not checked).

All programmes noted were in English. As for their Chinese broadcasts, I seemed to remember that the owners of WRNO had an own library of Chinese programming. So these broadcasts would have not been paid for. This would have made sense given the somewhat wild scheduling. But looking through my archive, I found out that this applied to the Arabic programmes they had some years ago.

(Prof. Dr. Hansjoerg Biener-D, via wwdxc BC-DX TopNews Aug 27)

VANUATU - Neue Sender fuer Radio Vanuatu. ... aus mehreren Informationsquellen ist zu erfahren, dass Radio Vanuatu seine KW-, MW- und TV-Sender modernisieren will, z.B. hier:

Radio Vanuatu: New shortwave and mediumwave service through infrastructure upgrade

<<https://swling.com/blog/2019/09/radio-vanuatu-new-shortwave-and-mediumwave-service-through-infrastructure-upgrade/>>

{via Richard Langley-NB-CAN, Sept 25 }

Im ersten Schritt sollen der MW- und KW-Sender in Port Vila ersetzt werden und zum Jahresende einsatzbereit sein.

Man sollte also 3945 und 7260 kHz oeffter mal "abklopfen", wenn die Bedingungen gegeben sind.
(Uwe Volk-D, A-DX newsgroup Oct 2)

{R Vanuatu - They hope to go to air testing at least in November. wb.}

ZAMBIA - 5915 kHz R. One / ZNBC1, started sometime between 0315-0322 UT, on Oct 3.

African pop music; 0331-1359 UT, call-in show in vernacular; 0359-0403 UT, series of commercial announcements; ID for "Radio One"; followed by announcers chatting; 0413-0420 UT, long promo for the often heard GOtv, starting and ending in English, but mostly in vernacular; "GOtv, entertaining Zambia"; 0420 UT, African Fish Eagle and music before the news; last checked at 0445 UT to find them off the air; a day with decent reception and another day operating less than 24 hours. Always enjoy hearing the fun GOtv promo, as it's partly in English. (Ron Howard-CA-USA, Oct 3)

CLANDESTINE - Updated A19 schedule of clandestine broadcasts as of September 30

Voice of The People

0000-2400	on	3480	K-S	050	kW	/	non-dir	to	NEAs	Korean
0000-2400	on	3910	K-S	050	kW	/	non-dir	to	NEAs	Korean
0000-2400	on	3930	K-S	050	kW	/	non-dir	to	NEAs	Korean
0000-2400	on	4450	K-S	050	kW	/	non-dir	to	NEAs	Korean

0000-2400 on 6520 K-S 050 kW / non-dir to NEAs Korean
 0000-2400 on 6600 K-S 050 kW / non-dir to NEAs Korean

Republic of Yemen Radio

0000-2400 on 11860 JED or RIY / unknown to N/ME Arabic

Radio Republica

0100-0300 on 9490 ISS 150 kW / 285 deg to Cuba Spanish

Echo of Hope

0100-0500 on 4885 SEO 100 kW / non-dir to NEAs Korean

0100-0500 on 6250 SEO 010 kW / 010 deg to NEAs Korean

0100-0500 on 9100 SEO 010 kW / 010 deg to NEAs Korean

Voice of Kashmir

0230-0330 on 6030 DEL 100 kW / non-dir to SAs Kashmiri

Denge Welat

0230-0500 on 9525 ISS 250 kW / 090 deg to WAs Kurdish

Radio Republica

0300-0400 on 9490 ISS 150 kW / 285 deg to Cuba Spanish Sun/Mon

Voice of Freedom

0300-0800 on 5920 HWA 010 kW / non-dir to NEAs Korean

Radio Tamazuj

0329-0427 on 7315 ISS 250 kW / 139 deg to Eaf Juba Arabic

0329-0427 on 11650 MDC 250 kW / 335 deg to Eaf Juba Arabic

English news 0414-0424UTC Wed/Sa

Eye Radio

1600-1700 on 15410 ISS 250 kW / 139 deg to Eaf Juba Arabic* Mo-Fr

* including other langs English / Dinka / Nuer / Shilluk / Bari / Zande / Lutoho

Echo of Unification

0400-0600 on 3966vCNG 005 kW / non-dir to NEAs Korean

0400-0600 on 5905 PYO 100 kW / non-dir to NEAs Korean

0400-0600 on 6250 PYO 100 kW / non-dir to NEAs Korean

1200-1400 on 3966vCNG 005 kW / non-dir to NEAs Korean

1200-1400 on 5905 PYO 100 kW / non-dir to NEAs Korean

1200-1400 on 6250 PYO 100 kW / non-dir to NEAs Korean

2200-2400 on 3966vCNG 005 kW / non-dir to NEAs Korean

2200-2400 on 5905 PYO 100 kW / non-dir to NEAs Korean

2200-2400 on 6250 PYO 100 kW / non-dir to NEAs Korean

Radio Dabanga

0429-0457 on 7315 SMG 250 kW / 150 deg to Eaf Darfur Arabic

0429-0457 on 11650 MDC 250 kW / 335 deg to Eaf Darfur Arabic

Echo of Hope

0500-0900 on 3985 HWA 100 kW / non-dir to NEAs Korean

0500-0900 on 5995 HWA 100 kW / non-dir to NEAs Korean

0500-0900 on 6350 HWA 100 kW / non-dir to NEAs Korean

Radio Ndarason International

0500-0600 on 5960 ASC 250 kW / 055 deg to Waf Kanuri

Denge Welat

0500-0600 on 11530 ISS 250 kW / 090 deg to WAs Kurdish

Radio Sinit Eritrea

0500-0600 on 11660 ISS 250 kW / 123 deg to Eaf Tigrinya/Arabic Sat

Radio Ndarason International

0600-0700 on 7415 ASC 250 kW / 065 deg to Waf Kanuri

Denge Welat

0600-1600 on 11530 KCH 300 kW / 130 deg to WAs Kurdish

Radio Ndarason International

0700-0800 on 12050 ASC 250 kW / 065 deg to Waf Kanuri

Dandal Kura Radio International

0700-0800 on 13590 NAU 125 kW / 185 deg to CAf Kanuri

Manara Radio International

0700-0800 on 13840 ISS 150 kW / 170 deg to Waf Hausa

Voice of Kashmir

0730-0830 on 6100 DEL 250 kW / 134 deg to SAs Kashmiri

Echo of Hope

0900-0100 on 3985 HWA 100 kW / non-dir to NEAs Korean

0900-0100 on 4885 SEO 100 kW / non-dir to NEAs Korean

0900-0100 on 5995 HWA 100 kW / non-dir to NEAs Korean

0900-0100 on 6250 SEO 010 kW / 010 deg to NEAs Korean

0900-0100 on 6350 HWA 100 kW / non-dir to NEAs Korean

0900-0100 on 9100 SEO 010 kW / 010 deg to NEAs Korean

Voice of Freedom

0900-1400 on 5920 HWA 010 kW / non-dir to NEAs Korean

Al-Azm Radio

0858-0656 on 11745 JED or RIY / unknown to N/ME Arabic

Radio ERGO

1200-1300 on 17845 DHA 250 kW / 225 deg to EAf Somali

Radio Free North Korea

1200-1430 on 11510 TAC 100 kW / 076 deg to NEAs Korean

National Unity Radio

1200-1500 on 6045 DB 100 kW / 071 deg to NEAs Korean

Radio Dap Loi Song Nui Radio DLSN Vietnam Democracy Radio

1230-1300 on 9670 PA0 100 kW / 205 deg to SEAs Vietnamese

Voice of Tibet, frequencies varies

1230-1235 on 9875 DB 100 kW / 131 deg to CAs Tibetan

1235-1242 on 9886 DB 100 kW / 131 deg to CAs Tibetan

1242-1306 on 9896 DB 100 kW / 131 deg to CAs Tibetan

JSR Shiokaze Sea Breeze

1300-1330 on 5980 YAM 300 kW / 280 deg to NEAs English Thu

1300-1330 on 6070 YAM 300 kW / 280 deg to NEAs English Thu

1300-1330 on 5980 YAM 300 kW / 280 deg to NEAs Japanese Sa-Tue

1300-1330 on 6070 YAM 300 kW / 280 deg to NEAs Japanese Sa-Tue

1300-1330 on 5980 YAM 300 kW / 280 deg to NEAs Korean Wed/Fr

1300-1330 on 6070 YAM 300 kW / 280 deg to NEAs Korean Wed/Fr

Nippon no Kaze

1300-1330 on 9465 TSH 300 kW / 002 deg to NEAs Korean

1300-1330 on 9940 TSH 100 kW / 002 deg to NEAs Korean

1300-1330 on 9965 HBN 100 kW / 345 deg to NEAs Korean

JSR Shiokaze Sea Breeze

1330-1400 on 5980 YAM 300 kW / 280 deg to NEAs English Thu

1330-1400 on 6070 YAM 300 kW / 280 deg to NEAs English Thu

1330-1400 on 5980 YAM 300 kW / 280 deg to NEAs Japanese Mo/Tue

1330-1400 on 6070 YAM 300 kW / 280 deg to NEAs Japanese Mo/Tue
 1330-1400 on 5980 YAM 300 kW / 280 deg to NEAs Korean Wed/Fr-Su
 1330-1400 on 6070 YAM 300 kW / 280 deg to NEAs Korean Wed/Fr-Su

Voice of Tibet, frequencies varies

1305-1311 on 9834 DB 100 kW / 131 deg to CAs Tibetan
 1311-1335 on 9825 DB 100 kW / 131 deg to CAs Tibetan

Furusato no Kaze

1330-1400 on 9705 TSH 300 kW / 002 deg to NEAs Japanese
 1330-1400 on 9455 TSH 300 kW / 352 deg to NEAs Japanese
 1330-1400 on 9965 HBN 100 kW / 345 deg to NEAs Japanese

Voice of Tibet, frequencies varies

1330-1334 on 9876 DB 100 kW / 131 deg to CAs Tibetan
 1334-1400 on 9896 DB 100 kW / 131 deg to CAs Tibetan
 1335-1342 on 9834 DB 100 kW / 131 deg to CAs Tibetan
 1342-1400 on 9814 DB 100 kW / 131 deg to CAs Tibetan

Voice of Wilderness

1400-1500 on 7615 TAC 100 kW / 070 deg to NEAs Korean

Furusato no Kaze

1405-1435 on 5920 YAM 300 kW / 280 deg to NEAs Japanese
 1405-1435 on 5980 YAM 300 kW / 280 deg to NEAs Japanese

Voice of Kashmir

1430-1530 on 6030 DEL 100 kW / non-dir to SAs Kashmiri

Furusato no Kaze

1430-1500 on 9450 TSH 300 kW / 352 deg to NEAs Japanese
 1430-1500 on 9560 TSH 300 kW / 002 deg to NEAs Japanese
 1430-1500 on 9960 HBN 100 kW / 345 deg to NEAs Japanese

North Korea Reform Radio

1430-1530 on 11565 TAC 100 kW / 076 deg to NEAs Korean

Radio Tamazuj

1459-1557 on 15150 MDC 250 kW / 340 deg to EAf Juba / Arabic
 1459-1557 on 15400 ISS 250 kW / 139 deg to EAf Juba / Arabic
 English news: 1544-1554UTC Tue/Fri

Nippon no Kaze

1500-1530 on 7335 TSH 300 kW / 352 deg to NEAs Korean
 1500-1530 on 9685 TSH 300 kW / 002 deg to NEAs Korean
 1500-1530 on 9975 HBN 100 kW / 345 deg to NEAs Korean

Voice of Freedom

1500-2000 on 5920 HWA 010 kW / non-dir to NEAs Korean

Living Water Ministry Broadcasting

1516-1616 on 6055 TWR 200 kW / 320 deg to NEAs Korean Tue-Fr

Radio Dabanga

1529-1557 on 13745 ISS 250 kW / 139 deg to EAf Darfur Arabic
 1529-1557 on 15550 SMG 250 kW / 150 deg to EAf Darfur Arabic

Voice of Martyrs

1530-1600 on 7530 TAC 100 kW / 076 deg to NEAs Korean

Nippon no Kaze

1530-1600 on 7335 TSH 300 kW / 352 deg to NEAs Korean
 1530-1600 on 9685 TSH 300 kW / 002 deg to NEAs Korean
 1530-1600 on 9965 HBN 100 kW / 345 deg to NEAs Korean

JSR Shiokaze Sea Breeze

1600-1630 on 6090 YAM 300 kW / 280 deg to NEAs English Thu
 1600-1630 on 6165 YAM 300 kW / 280 deg to NEAs English Thu
 1600-1630 on 6090 YAM 300 kW / 280 deg to NEAs Japanese Sa-Tue
 1600-1630 on 6165 YAM 300 kW / 280 deg to NEAs Japanese Sa-Tue
 1600-1630 on 6090 YAM 300 kW / 280 deg to NEAs Korean Wed/Fr
 1600-1630 on 6165 YAM 300 kW / 280 deg to NEAs Korean Wed/Fr

Furusato no Kaze

1600-1630 on 7335 TSH 300 kW / 352 deg to NEAs Japanese
 1600-1630 on 9470 TSH 300 kW / 002 deg to NEAs Japanese
 1600-1630 on 9960 HBN 100 kW / 345 deg to NEAs Japanese

Manara Radio International

1600-1700 on 15285 ISS 150 kW / 170 deg to WAF Hausa

Eye Radio

1600-1700 on 15410 ISS 250 kW / 139 deg to EAF Juba / Arabic* Mo-Fr
 * including English / Dinka / Nuer / Shilluk / Bari / Zande / Lutoho

Denge Welat

1600-2100 on 11530 ISS 250 kW / 090 deg to WAs Kurdish

JSR Shiokaze Sea Breeze

1630-1700 on 6090 YAM 300 kW / 280 deg to NEAs English Thu
 1630-1700 on 6165 YAM 300 kW / 280 deg to NEAs English Thu
 1630-1700 on 6090 YAM 300 kW / 280 deg to NEAs Japanese Mo/Tue
 1630-1700 on 6165 YAM 300 kW / 280 deg to NEAs Japanese Mo/Tue
 1630-1700 on 6090 YAM 300 kW / 280 deg to NEAs Korean Wed/Fr-Su
 1630-1700 on 6165 YAM 300 kW / 280 deg to NEAs Korean Wed/Fr-Su

Nippon no Kaze

1630-1700 on 7335 TSH 300 kW / 352 deg to NEAs Korean

Dimtse Radio Erena

1700-1730 on 9720 SCB 050 kW / 195 deg to EAF Tigrinya Daily

Furusato no Kaze

1700-1730 on 6155 TSH 300 kW / 352 deg to NEAs Japanese

Voice of Eritrean Lowlands

1700-1730 on 15390 ISS 100 kW / 123 deg to EAF Arabic Sa

Voice of Oromo Liberation

1700-1800 on 15420 NAU 100 kW / 144 deg to EAF Afan Oromo Wed
 1700-1730 on 15420 NAU 100 kW / 144 deg to EAF Afan Oromo Fr/Su

Radio Ranginkaman/Rainbow, inactive from September 22

1730-1800 on 7580 unknown kW / unknown to WAs Farsi

1630-1700 on 7580 unknown kW / unknown to WAs Farsi

Dimtse Radio Erena

1730-1800 on 9720 SCB 050 kW / 195 deg to EAF Arabic Wed/Fr
 1730-1800 on 9720 SCB 050 kW / 195 deg to EAF Tigrinya Tue/Thu/Sa-Mo

Dandal Kura Radio International

1800-1900 on 11830 ISS 100 kW / 167 deg to CAF Kanuri

Radio Ndarason International

1800-1900 on 9775 WOF 200 kW / 158 deg to WAF Kanuri

Radio Itahuka

1800-1900 on 15420 MDC 250 kW / 320 deg to SAF Kirundi Sa

Sawtu Linjiila Voice of Gospel

1830-1900 on 15315 ISS 500 kW / 180 deg to WCAf Fulfulde Mo-Thu

Koode Radio International

1900-1930 on 9810 ISS 100 kW / 175 deg to WCAf Nigerian Fulfulde

Radio Ndarason International

1900-2100 on 12050 WOF 300 kW / 152 deg to WAF Kanuri

Radio Free North Korea

1900-2130 on 7550 TAC 100 kW / 076 deg to NEAs Korean

North Korea Reform Radio

2030-2130 on 7505 TAC 100 kW / 076 deg to NEAs Korean

Voice of Freedom

2100-0200 on 5920 HWA 010 kW / non-dir to NEAs Korean

Suab Xaa Moo Zoo, Voice of Hope

2230-2300 on 7530 TSH 100 kW / 250 deg to SEAs Hmong

Voice of Tibet, frequencies varies

2300-2304 on 7494 DB 100 kW / 131 deg to CAs Tibetan

2304-2335 on 7486 DB 100 kW / 131 deg to CAs Tibetan

2335-2400 on 7496 DB 100 kW / 131 deg to CAs Tibetan

(DX MIX 1050)

Editor's info desk was closed for this edition on October 6th, 2019, at 10:00 hours UTC.

Please also see the "List of Broadcasts in German" (Hörfahrplan Deutsch) updated regularly on the WWDXC website.

Sources & Contributors:

A-DX - e-mail exchange - Austria

BCDX - News Bulletin by Wolfgang Bueschel (**wb**) - Stuttgart - Germany.

DXLD - Glenn Hauser's DX LISTENING DIGEST (**gh**) - U.S.A.

Dr. Hansjörg Biener (hjb) - Nuremberg - Germany

Others as stated at contribution.

Any items from Glenn Hauser, DX LISTENING DIGEST, and/or World of Radio may be reproduced or broadcast only if full credit be maintained at all stages, from the original source through DXLD/WOR, and publications quoting are made available to gh in exchange.

Items from this file may be reproduced or re-reproduced only if full credit is maintained at all stages.

Abbreviations:

with name of station:

BC / bc = Broadcaster, Int. = International, R = Radio, tx = Transmitter, Vo = Voice of, QRG = frequency

Location of transmitters with frequency:

Al = Aligarh/India, ALB = Albania, Ban = Bangalore, Be = Beijing /China, Bib = Biblis /DL, BOT = Botswana, CHN = China, CLN-TRM = Sri Lanka Trincomalee, Du = Dushanbe /TJK, ERV = Erivan

/Armenia, F = Issoudun /France, Fl = Florida/USA, HAB = Habana /Cuba, Ho = Hohhot /CHN, HRI= WHRI Cypress Creek /USA, Jin = Jinhua, Kash = Kashgar/CHN, Ka = Kingsway (Delhi), Kh = Khampur (Delhi), KII – Kall /DL, KOR = (South) Korea, Ku = Kununurra /Aus, Kun = Kunming /CHN, KWT = Kuwait, Lam = Lampertheim /DL, MDA = Moldavia, MDG = Madagascar, MNG = Mongolia, MRA = Northern Marianas, N = Nauen /DL, Nn = Nanning/CHN, OM = Oman, Pan = Panaji /India, Row = Rohrbach Waal /DL, RUS = Russia incl. Sibiria, SAI = Saipan (MRA), SNG = Singapur, STP = Sao Tomé, SWZ = Swaziland, SZG = Shijazhuang /CHN, TH = (NAK) Nakhon Sawan / Thailand, TIN = Tinian (MRA), TJK = Tajikistan, TWN = Taiwan, UAE = Al Dubbaya / United Arab Emirates, Ur = Urumchi /CHN, Wil = Winsen/Luhe (/DL, Wof = Woofferton /GB, Xi = Xian /CHN, Ya = Yamata/Japan, YAK = Yakul, Afghanistan.

Mostly within round brackets target areas as known:

Af = Africa, Am == America, As = Asien, Aus = Australien; Eu = Europe, FE = Far East, ME = Middle East, OC / Pac = Pacific Region; C = Central, E = East, N = North, S = South, W = West

Languages:

Ar Arabic - Ch Chinese - Du Dutch - E, En English - F French - G, Ge German - Gr Greek - I Italian - J Japanese - K Korean - P Portuguese - R Russian - Sp, Spa Spanish - Turk Turkish - VN Vernacular

Technical hint with frequency (QRG):

(*) = Digital Radio broadcast (DRM) v = variable irr / # = irregular / technical problems /USB = upper sideband, /LSB = lower sideband, alt.: (QRG) = alternative frequency

Editor:

Walter Eibl (we)

Email: <we@wwdx.de> or <we@kwrs.de>

Used equipment:

Receiver: ICOM IC-R70 communications receiver (no modification)

Antennas: Hamtronic HT504 selective active antenna, in roof window ca. 15 m above ground

Situation: Herzogenaurach / Germany; 49.567/10.917; 310 m NN

also monitoring via WORLD WIDE WEB.

Historic Woofferton Boasts a Modern Twist by Neale Bateman · Sep 23, 2019

At 75, U.K.'s last public shortwave site provides essential info to listeners globally via analog and digital broadcasts

WOOFFERTON, England — Nestled in the beautiful Shropshire countryside, just a few miles from England's border with Wales, is the tiny village of Woofferton. That name is synonymous with shortwave radio for millions of listeners around the world as just a short distance from the village itself, lays the United Kingdom's last remaining public service shortwave transmitting station.

Antenna switches in the field feed the HF curtain arrays.

Now owned and operated by Encompass Digital Media, Woofferton recently celebrated its 75th birthday. Built in 1943, the station has a fascinating history; originally designed to bolster the BBC's General Overseas Service (now the World Service) during the latter years of World War II, it was later partly funded by the United States and was used extensively by the Voice of America to broadcast into Eastern Europe and the former Soviet Union during the cold war years. Today, Woofferton transmits programs for the BBC and a number of other international broadcasters, reaching audiences across Europe, North Africa and the Middle East.

OPERATIONS

There are 10 high-power HF transmitters at Woofferton. They range from Marconi senders of various vintages, including two BD272 250 kW units that date back to the 1960s, to the more recent 300 kW B6124 solid-state transmitters, and four of the most modern RIZ 250K01 wideband systems, which are also capable of operating in Digital Radio Mondiale (DRM) mode. In fact, the BBC's daily DRM transmission for Europe is broadcast from here.

Outside in the antenna field, there are 35 shortwave curtain arrays (aerials) supported by 25 masts. Most of the antennas can be operated in full or half-curtain mode, depending on the coverage required, and can be electronically steered

(slewed) to beam transmissions in a variety of directions. This is done by varying the phase of the signal and feed points to the antenna, rather than by physical movement.

The Woofferton team numbers some 14 staff, comprising of broadcast engineers, maintenance technicians, mechanical and electrical engineers, riggers (antenna specialists) as well as providing an outpost for Encompass' International Operations team. The station's facilities and location make it an excellent logistical base for the testing, servicing and deployment of a wide range of satellite receivers and FM radio transmission systems which are installed at hundreds of BBC FM relays and partners around the world.

Woofferton has one of most modern and flexible transmission control systems in the world, allowing the entire facility to be remotely controlled and monitored by Encompass' MCR in London, over 150 miles away. At around 5 p.m. each evening, the Woofferton engineers handover control to the nightshift in London and until 8 a.m. the next morning, the whole operation is fully automated.

MCR engineers in London can take control at any time however and remotely power up and tune the transmitters and then switch the output to any of the available antennas in just a few minutes. This capability is particularly useful if another transmitter fails and an alternative resource is required at very short notice. This flexibility means that scheduled broadcasts from other international sites, such as from Ascension Island, the Middle East and even Singapore, can be "covered" from Woofferton, minimizing the impact on listeners if a breakdown occurs.

MAINTENANCE

A shortwave transmitter station is a complex mix of engineering disciplines — from high-voltage electricity and radio frequency and traditional audio engineering, through to modern computer processors, which run the station's automation and control systems.

Throughout a typical day, the duty engineers coordinate any changes to the transmission schedule, which may be required to allow maintenance and repairs to be carried out.

Ensuring the safety of staff working inside the transmitter enclosures and outside on the antennas is essential: a safety lock out system is used to isolate the equipment to be worked on, with unique physical "keys" and interlocks needed to make sure systems cannot be used or become live until the engineers and riggers are safely clear of high voltages and radiating elements.

Surprisingly maybe, the middle part of the day is one of the "quietest" periods at the site, as most transmissions take place during the early morning and evening, due to the time differences between the U.K. and audiences in Africa and the Middle East. This is therefore the ideal time to carry out routine maintenance to the transmitters, some of which are still going strong after 40 years of service thanks to the skills and expertise of the Woofferton engineers.

They need a carefully planned regime of regular checks and preventative work to keep them on the air, as well as some tender loving care — something which is in no short supply at Woofferton. A myriad of maintenance tasks are carried out, which include checking the RF, modulator and water cooling systems, and testing individual components such as resistors and capacitors, and of course the valves themselves.

Any faulty components will be replaced with spares from stores, or as is sometimes required when items are obsolete, manufactured on-site by the station's workshop. The mechanical and electrical engineers can fabricate bespoke metalwork and fittings which are no longer available, as well as carry out maintenance to the stations "heavy" equipment such as HV transformers, fan units, gas compressors and pumps.

MISSION-CRITICAL ROLE

At around 3 p.m. GMT each day, the station comes alive as the evening transmissions for Africa and Middle East start to ramp up and by 6 p.m. almost every transmitter is on-air, broadcasting in languages such as Arabic, French, Hausa, Amharic, Kurdish, Dari, Pashto and Russian, as well as English.

In recent years, Woofferton has also taken on a new role in being one of a few sites around the world where satellite carrier monitoring is carried out, to check and report on the performance of quality of satellite distribution of the BBC's international TV and radio channels.

More than 75 years after its first broadcast to wartime occupied Europe, Woofferton continues to demonstrate the unique and enduring power of shortwave broadcasting — especially in parts of the world where media freedom and access to objective news is sometimes made deliberately difficult for international broadcasters to reach. And it's still proud of its critical role in informing, entertaining and educating millions of listeners around the world.

(Radio World, September 2019 -

<<https://www.radioworld.com/news-and-business/historic-woofferton-boasts-a-modern-twist>>)



DX LOGBOOK

Logs around the clock

by Ashok Kumar Bose, 106 Aspermont Crescent, Brampton, Ontario, L6P 3Z3, Canada
E-Mail: <logbook@wwdxc.de>

MEDIUMWAVE BAND

Frequency	UTC	SIO	ITU	Radio Station	Language	Programme Details	Date	Rep.
936.0	1800	222	G	XL Gold,Bath	English	Dover Ferry line	1609	MF
954.0	1800	211	G	XL New Hampshire	English	Baby Boom	1609	MF
999.0	1830	432	G	Red Rose	English	Our Boys on Cyprus	1609	MF
1107.0	1930	332	G	Jesus Gold,Dover	English	Luton & Jesus	2409	MF
1134.0	1940	333	G	Jesus Premier,Dover	English	Christmas not far away	2409	MF
1152.0	1810	333	G	Folk Gold,Mayfair	English	Folksonhs from Brighton	2609	MF
1170.0	1945	332	G	Israel Premier,Dover	English	Gunfire in West Bank	2409	MF
1179.0	1950	332	G	Moses Gold Dover	English	Gaza strip war danger	2409	MF
1179.0	1910	322	G	Class. Prem.,Boston	English	UTA Rindfleisch	1609	MF
1197.0	1840	322	G	R. Folk,Brighton	English	Folk Rock Radio	1609	MF
1242.0	1830	222	G	Classic Premier Reigate	English	Bikes	2509	MF
1242.0	2000	433	G	Premier Gold,Canterbury	English	Our Bishop	2409	MF
1296.0	1840	222	G	Class. Premier,Southend	English	Jesus in Dover	1409	MF
1296.0	2005	332	G	Class. Prem.,Canterbbury	English	Cathedral	2409	MF
1305.0	2020	333	G	Class, Gold,Farnborough	English	Advertisements	2409	MF
1305.0	1805	333	G	Classic Prem. Portsmouth	English	Southampton in football	2509	MF
1314.0	1830	333	G	Premier Portsmouth	English	Casting	2609	MF
1314.0	1850	232	G	Class. Prem.,Bournemouth	English	Yesterday Hit Box	1409	MF
1359.0	1820	232	G	Folk Gold,Brighton	English	Casting	2609	MF
1359.0	2030	332	G	Prem. Gold,Farnborough	English	Music casting	2409	MF
1413.0	1915	322	G	Pre. Gold,Bournemouth	English	Jesu Premier in Dover	1409	MF
1431.0	1920	222	G	Israel Hits, Bournemouth	English	Hits from Israel	1409	MF
1505.0	1910	222	G	Class. Prem. Plymouth	English	Casting Hitbox	1409	MF

Here are the loggings from Richard A. D'Angelo of Wyomissing, PA, USA:

- 5995.0 MALI Radio TV du Mali – Bamako, 2346-0002* Aug 26, lively highlife vocal selection followed by a woman announcer with French language talk. Another male vocal selection accompanied by drums. Nice announcements at 2359 by the woman announcer followed by male vocal selection with plug pulled mid-song. Fair to good reception.
- 6040.0 ROMANIA Radio Romania International – Tiganesti, 0032-0103 Sep 11, Romanian vocal selections followed by station ID and DX Mailbag program. Mix of music and other features before close-down and IS before opening in French at 0100. Fair to good signal but very noisy conditions.
- 6185.0 MEXICO XEPPM – Radio Educacion, 0156-0215 Aug 27, Tune in to nice instrumental music before a man and woman announcers engaged in a long discussion in the Spanish language. Fair signal.
- 9655.0 FRANCE Radio Algerienne – Issoudun, 2111-2152 Sep 12, man announcer speaking in the Arabic language prior to commencement of recitations. At 2142 another man spoke alternating with vocal selections. Good signal.

- 9775.0 UK Radio Ndarason International – Woofferton (presumed), 1836-1859* Sep 17, a man announcer speaking in the listed Kanuri language. Brief segments of tribal vocals and drums music between further talks. Closed at 1855 with a vocal selection that continued until the carrier was terminated. Poor.
- 11770.0 NIGERIA Voice of Nigeria – Abuja, 2016-2058* Sep 18, two men leading a discussion in the listed Hausa language (seemed to be some sort of public affairs program). Bottom of the hour mainly music with some short talks by various male announcers. Close-down with a National Anthem. Good signal.
- 11780.0 BRAZIL Radio Nacional da Amazonia, 2348-0032 Sep 10, man announcer talking in the Portuguese language followed by nice station ID and frequency announcements at 2359. Brief music interlude followed by another station ID. Nice program of pop vocals beginning at 0012. Fair to good.
- 12050.0 UK Radio Ndarason International – Woofferton, 1902-1928 Sep 17, in the clear at tune in with discussion in the Kanuri language with occasional tribal vocals and instrumental music mixing with presumed WEWN was in the Spanish language. It was nice while it lasted! Fair to good at tune in but slowly deteriorating.
- 13710.0 SAUDI ARABIA BSKSA – Riyadh, 1710-1745 Sep 17, a man announcer with Arabic language talk (introducing the next program segment?) followed by recitations from the Holy Quran. Very good signal.
- 15420.0 GERMANY Voice of Oromo Liberation – Nauen, 1718-1800* Sep 11, program of Oromo language talks but some music between segments. Program cut at 1800 in mid-sentence while man announcer was talking. Poor to fair.
- 15670.0 FRANCE Radio France International – Issoudun, 1619-1643 Sep 17, a man announcer spoke in the Hausa language with very brief musical interludes between items. Generally poor with some fair peaks.

Here are the loggings from Rudolf Grimm, São Bernardo, SP, Brazil:

- 530.0 ARGENTINA: Somos Radio, Buenos Aires, Spanish, 08/09 0152. Male and female communication, 'Somos Radio'. 35553.
- 610.0 BRAZIL: Radio Indio Condá, Chapecó SC, Portuguese, 19/09 2255. News abt FC Chapecoense, Avaí, Restaurante Barril, id 'Radio Indio Condá'. 24342. QRM Radio Rural, Uruguay and Radio Itatiaia, Belo Horizonte (both on 610 kHz).
- 670.0 ARGENTINA: Radio Mar del Plata, Mar del Plata, Spanish, 13/09 2345. Male communication, news abt car racing in Argentina, advs '...concesionaria em Mar del Pata...'. 34433.
- 760.0 ARGENTINA: Radio Atlantica, Mar del Plata, SS, 27/08 0242. A traditional tango song. Id '760 amplitude modulada, Radio Emisora Atlantica...'. 34543.
- 800.0 BONAIRE: Trans World Radio, SS, 27/08 0146. The traditional Bible Study from TWR, by male voice. With the reception system, not the strong signal from Radio MEC 800 Rio de Janeiro. 25442.
- 830.0 BRAZIL: Radio Tropical, Nova Iguaçu RJ, PP, 27/08 0216. Brazilian song, id (jingle) 'Tropical...'. 24332.
- 850.0 URUGUAY: Radio Carve, Montevideo, Spanish, 19/09 2250. Football (soccer) transmission 'por Radio Carve...'. 35543.
- 864.0 EGYPT: ERTU Al-Quran al-Karin, Santah, Arabic, 07/09 0126. Al-Quran song (male voice), male voice announcer. 15421. Station that is often heard at this time in southeastern Brazil.
- 880.0 BRAZIL: Radio Inconfidência, Belo Horizonte MG, Portuguese, 13/09 2040. Talk by YL, '...aprendizado, treinamento, SEBRAE, campo, árvores plantadas...'. // 6010 kHz. 35553.
- 890.0 BRAZIL: Radio Santa Catarina, Florianópolis SC, Portuguese, 13/09 1220. Px 'Igreja Pentecostal Deus é Amor'. Addr. 'Avenida Mauro Ramos 184, Centro...'. Christian song by YL. 25442.
- 930.0 BRAZIL: Radio Clube, Itapira SP, Portuguese, 10/09 2335. Information about deaths in the city, ann: Velório Municipal da Saudade. '...comunidade itapireense, Radio Clube de Itapira...'. 35543.
- 950.0 ARGENTINA: CNN Radio Argentina, Buenos Aires, SS, 27/08 0152. A popular song in SS. Id, male voice: 'CNN Radio'. Sport news. 34543.
- 1080.0 PARAGUAY: Radio Monumental, Asunción, SS, 27/08 0140. Male communication, 'Sintonia del hoy'. Advs 'Automobil Club Paraguayo, Royal Seguros'. Id: 'Radio Monumental'. 35553.
- 1180.0 BRAZIL: Radio Atenas (ex-Radio Cultura?), Alfenas MG, Portuguese, 13/09 1120. Advs Madeireira Minas - Alfenas, phone nr. 35 3299-3130. Id: 'Radio Atenas', jingle 'Atenas'. 35443.
- 1270.0 ARGENTINA: Radio Provincia de Buenos Aires, La Plata, SS, 27/08 0104. Talk by male voice, 'Radio Provincia de Buenos Aires AM, La Plata,... 15 grados'. 34543.
- 1270.0 BRAZIL: Radio Independencia, Cascavel PR, PP, 27/08 0118. Brazilian songs, and jingle 'Radio Independencia' by male voice. 34543.
- 1280.0 URUGUAY: Radio Tacuarembó, Tacuarembó, SS, 27/08 0057. Sport News, 'Ruta del Fútbol... por Emisora Tacuarembó'. 25542.
- 1290.0 BRAZIL: Radio Difusora, São José do Rio Pardo SP, Portuguese, 13/09 1135. Advs Flora 14 Bis, Calçados Elvis 'em São José...'. 35443.
- 1340.0 BRAZIL: Radio Canoa Grande, Igaráçu do Tietê SP, Portuguese, 13/09 1140. Announcer: '...daqui a pouco mais uma bonita música pela Canoa Grande...'. 'ZYK738 Radio Canoa Grande...'. Jingle 'Canoa'. 34433.
- 1413.0 MOLDOVA: Vesti FM, via Grigoriopol, Russian, 27/09 2115. Male slow communication in Russian language, 'Vesti FM', interview,

- instrumental mx.14531 / 24532.
- 1430.0 BRAZIL: Radio Serra Negra, Serra Negra SP, Portuguese, 20/09 1118. Brazilian songs. Id '... aqui pela Radio Serra Negra, 1430 kHz'. 34543. QRM Radio Imaculada, Cotia SP 1430 kHz.
- 1467.0 FRANCE: TWR Europe, via Roumoules, Polish (?), 27/09 2100. Christian communication, songs. 25432.
- 1470.0 BRAZIL: Radio Primavera, Porto Ferreira SP, Portuguese, 20/09 1110. Px 'Bom dia Primavera', time checking '8 e 12'. Brazilian song. 35443. No signal from Radio Jornal, Indaiatuba SP 1470 kHz.
- 1476.0 UAE: Radio Asia, Ras al Khaimah, Malayalam, 26/09 2305. Songs by male and female voices. 'Dubai. Asia...'. 25442.
- 1500.0 BRAZIL: Radio Cidade das Árvores (ex-Radio Fraternidade, tks Adriano Mansette), Araras SP, Portuguese, 20/09 1053. Advs, id 'Cidade...', ZYK549 Radio Cidade das Árvores, Araras SP, operando em 1500 kHz'. Px 'Manhã legal'. 35443. No signal from Radio Cumbica 1500 kHz Guarulhos SP.
- 1530.0 BRAZIL: Radio Progresso, Monte Santo de Minas MG, Portuguese, 20/09 1059. Id 'ZYL262 Radio Progresso AM, 1530 kHz, Monte Santo de Minas, Progresso AM, 75 anos em nossa cidade...'. 34433.
- 1530.0 BRAZIL: Radio Progresso, Portuguese, Monte Santo de Minas MG, 10/09 2110. Male communication, id: 'Radio Progresso de Monte Santo'. 33443.
- 1550.0 BRAZIL: Radio Clube, Itararé SP, Portuguese, 10/09 2132. Ann: Estúdio de gravação, 'ZYK501, 1550 kHz, Radio Clube de Itararé, Itararé SP...'. 35543.
- 4134.0us ARGENTINA: Comodoro Rivadavia Coast Guard (?). Several external radio contacts with a base. 35553.
- 4800.0 CHINA: China National Radio 1, Golmud, Chinese, 24/09 2035. Male and female communication. A slow Chinese instrumental music by piano. Announcements by male voice. 35543.
- 4885.0 BRAZIL: Radio Clube do Para, Belém PA, Portuguese, 24/09 2045. Announcements by male voice, 'Radio Clube'. 25542.
- 4940.0 CHINA: Voice of Strait (t), Fuzhou, Chinese, 13/09 1057. A Chinese song by female voice, 1100 time pips, TC (?), instrumental mx, news bulletin (?). 25442.
- 4949.81 ANGOLA: Radio Nacional Angola 1, Mulenvos, Portuguese, 24/09 2102. Male voice: '... para os jovens angolanos, Angola... África...'. 35533.
- 4979.0us RUSSIA: Russian Naval Air, Astrakhan, Caspian Sea, CW, 10/09 0113. CW Marker 'V V V V V...' 569. Tks LA6LU for the excellent support! On 10/09 2312 again the same CW signals.
- 5010.0 USA: Family Radio, via WRMI, Okeechobee, SS, 26/08 2335. 'La Biblia habla... Family Radio', Christian song, male and female communication, instrumental mx. 25542 (RG). Tx w/181° Az to Central America.
- 5890.0 SINGAPORE: BBC, via Kranji, EE, 26/08 2342. Male and female voices, 'America, economic situation, trading, financial building,...'. 25542. Tx w/13° Az to China.
- 5890.0 SINGAPORE: BBC, via Kranji, English, 19/09 2231. News bulletin by female voice. 'BBC World Service...'. 35543. Tx w/13° Az from Kranji to China.
- 5955.0 UAE: BBC, via Al-Dhabbiya, English, 19/09 2237. 2 male voices communication abt international politic. 35543. Tx w/85° Az from Al-Dhabbiya to Southern Asia.
- 5980.0 USA: Radio Marti, Greenville, SS, 26/08 2349. Instrumental mx, communication by male and female voices, and a child voice. A Cuban song. 35543 (RG). Tx w/184° Az to Central America.
- 5995.0 MALI: Radio Mali, Bamako, French, 19/09 2220. Male communication, African songs, id: '... Radio National du Mali, ... Bamako'. News bulletin on 2130. 35553. A fantastic signal quality!!!!
- 5995.0 MALI: Radio Mali (t), Bamako, FF, 26/08 2354. African songs. 25542. A regional tx.
- 6010.0 BRAZIL: Radio Inconfidencia, Belo Horizonte MG, Portuguese, 24/09 2110. Advs: '...Campeonato Brasileiro é na Inconfidencia, nesta quarta-feira a bola rola na Inconfidencia, Ceará x Cruzeiro, equipe de esportes da Inconfidencia...'. 35553. // w/880 kHz.
- 6035.0 CHINA: PBS Yunnan "Voice of Shangri-La" (t), via Kunming Chinese, 26/09 0045. Male communication, typical slow Chinese music. 25542.
- 6155.0 IRAN: VOIRI, Zahedan, Arabic, 24/09 2120. A speech by male voice in a public place (it seems so!). 35443. Tx w/289° Az to Europe.
- 6180.0 BRAZIL: Radio Nacional da Amazônia, Brasília DF, PP, 03/09 1230. News bulletin, 'Amazonas, governo Federal, Ministério Público do Pará...'. 35553. No signal on 11780 kHz.
- 6190.0 CHINA: China National Radio 2, via Golmud, Chinese, 19/09 2244. Male and female communication, instrumental music. 35433.
- 9265.0 USA: WINB, Red Lion PA, Spanish / English, 13/09 2310. Preaching by male voice in SS and EE, it seemed to be in a public place (church ??). 35543. Tx w/242° Az to Southern USA + Mexico.
- 9350.0 USA: WWCW, Nashville TN, English, 13/09 2317. Male communication, blues... 35553. Tx w/85° Az to NE USA.
- 9650.0 GUINEA: Radio Guinea, Conakry, FF, 03/09 1235. Male communication, song in African style, instrumental mx, female communication. 35333.
- 11815.0 BRAZIL: Radio Brasil Central, Goiania GO, PP, 03/09 1200. News bulletin 'Radio Brasil Central', announcement 'TV Brasil Central', time checking. 34543. QRM 11815 kHz NHK Radio Japan in Japanese language.
- 11990.0 TURKEY: Voice of Turkey, Emirler, Turkmen, 03/09 1210. Typical instrumental mx, male communication, song by male voice. Talk 'Bolsanara (?), Great Britain...'. 35443. Tx w/62° Az to Central Asian region.

- 13635.0 TURKEY: Voice of Turkey, Emirler, Turkish, 03/09 1240. Communication by 2 female voices. Typical instrumental mx. 1256: sign-off. 35333. Tx w/310° z to Northern Europe.
- 13680.0 ZAMBIA: Voice of Hope, Lusaka, EE, 03/09 1300. Id 'Voice of Hope', male communication, Christian song. 35433. Tx w/0° Az, to Africa.
- 15195.0 FRANCE: Deutsche Welle, via Issoudun, Hausa, 24/08 1502. Sport tx, soccer, a play in Germany, Bremen, 'Gooool (Tor)'. Male communication. 35553 (RG). Tx w/170° Az via Issoudun to Southwest Africa.
- 15205.0 SAUDI ARABIA: Radio Saudi, Riyadh, Arabic, 05/09 1750. Al-Quran songs, male communication. 25332. Tx w/320° Az to Southwestern Asia.
- 15215.0 GERMANY: Adventist World Radio, via Nauen, Hindi, 24/08 1553. Religious px, male communication, on 1600 UTC the end of the tx. 25542. Tx w/90° Az to Central Asia region.
- 15245.0 CHINA: China Radio International, via Kashi, 24/08 1545. Male communication, talk in studio. 35553 (RG). Tx w/308° Az to Northern Europe.
- 15260.0 UNITED KINGDOM: IBRA Media (Radio Sama), via Woofferton, Arabic, 05/09 1742. Male voice preacher, songs in Arabic language. TX w/107° Az to Asia.
- 15275.0 FRANCE: Deutsche Welle, via Issoudun, Amharic, 24/08 1604. Female communication, news bulletin, international nx. 25542. Tx w/130° Az via Issoudun to Eastern Africa.
- 15285.0 FRANCE: Manara Radio International, via Issoudun, Hausa, 05/09 1625. Male communication. 35443. Tx w/170° Az to Africa.
- 15400.0 ASCENSION ISLAND: BBC, via Georgetown, English, 05/09 1630. Male and female communication. Interview w/Boris Johnson, 'Brexit...' (off course!). 35543. Tx w/114° Az to Africa.
- 15410.0 AUSTRALIA: Reach Beyond (HCJB), Kununurra, Japanese, 06/07 2240. Male communication (Message?), instrumental mx. Sign-off 2300. 25542. Tx w/5° Az to Japan.
- 15476.0 ANTARCTICA: Radio Nacional San Gabriel Arcangel, Base Esperanza, Spanish, 05/09 1640. Songs in SS, Female communication. 15321.
- 15670.0 FRANCE: Radio France International, Issoudun, Hausa, 05/09 1650. Male communication, news, instrumental mx. 35543. Tx w/170° Az to Africa.
- 15685.0 ASCENSION ISL.: BBC, via Georgetown, 24/08 1612. Male communication on studio. Interview. 35553 (RG). Tx w/55° Az to Northwest Africa.

Thanks a lot to our club members for their contributions:

- MF : Michael Frese, Osnabrueck, Germany. Grundig Yatchboy with telescopic aerial.
- RG : Rudolf Grimm, São Bernardo, SP, Brazil. Kiwi SDR with mini whip-PA0RDT Standard, ETON Grundig + C. Crane Twin Coil Ferrite AM Antenna.
- RAD : Richard A. D'Angelo, Wyomissing, PA, USA. Ten-Tec RX-340, Drake R-8B, Eton E1/E5, Alpha Delta DX Sloper, Mini Windom Datong FL3 JPS ANC-4

Dear Friends,

Welcome to the October 2019 edition of Logbook.

My thanks to all our regular contributors.

Till our next edition.

Yours,

Ashok Kumar Bose

	<h2 style="margin: 0;">QSL CORNER</h2> <p style="margin: 0;">Editor: Dario Gabrielli, Viale della Resistenza 33b, 30031 Dolo (Ve), ITALY eMail: <qsl@wwdxc.de></p>	
---	--	---

China: China Radio International 7325 kHz. Japanese Service. Partial data QSL card "Parade of the International Gardening Exposition" received in 48 days for report to Japanese Section: China Radio International, 16 Shijingshan Road, Shijingshan, Beijing, 100040 CHINA. (HT)

Taiwan: Radio Taipei Internationa/RTI 9540 kHz via Tamsui. German Service. QSL received in 16 days for reception report sent to <deutsch@rti.org.tw> (PG)



Radio Taipei International/RTI 11990 kHz via Tamsui. German Service. QSL received in 16 days for reception report sent to <deutsch@rti.org.tw> (PG)

Radio Taiwan International 11990 kHz via Tamsui (Taiwan). German Service. Full data colour QSL card in German (National Radiomuseum Minxiong/Design Yumei Wang). Received in 33 days (13 days for air mail delivery) for e-mail report to: <deutsch@rti.org.tw> (HB)

The reporters of this edition of QSL CORNER have been:

HB = Hansjoerg Biener, Nuremberg, Germany

HT = Hironori Takeuchi, Chiba, Japan

PG = Paul Gager, Vienna, Austria

Unfortunately also this edition is very small of contributions, so we hope that in the next issue the subscribers can obtain many confirmations and communicate to us so we can improve this page

Please remember to send a .jpg scan of your QSLs if you can, so that we can show them here. Also please always include the postal or e-mail address which you sent your reception report to.

I would like to remind all contributors to please **include the Service and not Programme section** where you sent your report to, also the postal or email addresses you sent your report to. And please also say if you sent any return postage e.g. IRC or money. Please remember to send a jpg scan of your QSL if you can, so that we can show them here. The typical format should be:

Country & Name of radio station & Frequency in kHz

Service and NOT Programme that you wrote to

Type of QSL received e.g. QSL or e- QSL (**NOT just QSL Card**), letter, Time for the reply in days

The postal or email address that your report was sent to. Any return postage (IRCs, stamps, dollars etc.) Any other details that might be useful.

I remember that the next deadline to contribute to this page in on **9 November 2019**.

Dario