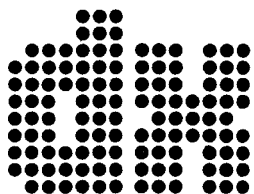


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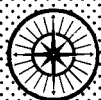
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NDR RAI TVR



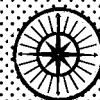
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WORLD WIDE DX CLUB



WORLD WIDE DX CLUB



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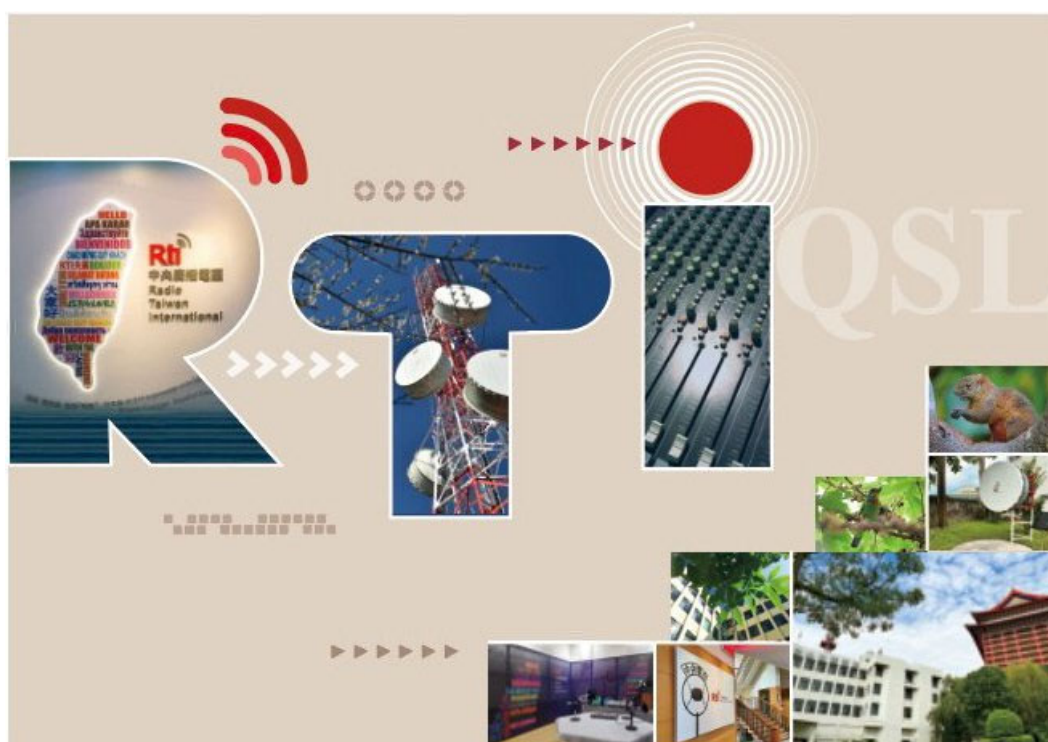
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We have no fixed deadlines. Contributions may be sent either to WWDXC Headquarters or directly to our editors at any time. If you send your contributions to WWDXC Headquarters, please do not forget to write all contributions for the different sections 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>>
- Podcasts in German and various livestreams of radio stations: <<http://podcast.wwdxc.de>>



Radio Taiwan International

Special QSL for RTI's direct broadcasts in German from Tamsui transmitter in July (see Taiwan)

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DX MAGAZINE No. 7

Vol. LVII

July 2022

Hello again,

Welcome to another issue of our DX MAGAZINE. Please remember that the next issue of our DX MAGAZINE will be our usual summer double edition No. 8/9, which will be mailed in the 35th calendar week (deadline: August 27th, 2022). Our editors will be very thankful for your contributions to this double edition.

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

NEWS ABOUT BROADCASTING (+other) STATIONS

Editor: WALTER EIBL ■ eMail: <news@wwdxc.de>

European Private Shortwave Stations - July 1st, 2022

Only legal stations are included. Most stations use low power, but a few use several kW. Note that UTC is used here - not CET nor CEST! Abbreviations used: D = Germany, DNK = Denmark, FIN = Finland, NL = Netherlands A.o. = and others, F.pl.: future plan, Int'l = International, Irr. = irregular, LT = Local time, 24/7 = twenty-four hours a day, seven days a week Mo = Monday, Tu = Tuesday, We = Wednesday, Th = Thursday, Fr = Friday, Sa = Saturday, Su = Sunday

3955	D	Radio Channel 292	Rohrbach Waal	Daily 0600-2000 & 2100-0500
3975	D	Shortwave Radio	Winsen	Daily 1800-2200
3985	D	Shortwaveservice	Kall-Krekel	Daily 1400-1930 ('Radio Popexpress' a.o.)
3995	D	HCJB	Weenermoor	24/7
5920	D	HCJB	Weenermoor	24/7
5930	DNK	World Music Radio	Bramming	24/7
5955	NL	Sunlite	Westdorpe	Daily 0400-1800
5970	DNK	Radio208	Hvidovre	24/7
5980	DNK	Radio OZ-Viola	Hillerød	We 2100-2200
5980	FIN	Scandinavian Weekend Radio	Virrat	1st Sa of the month 18-20
6005	D	Shortwaveservice	Kall-Krekel	Daily 0800-1600
6005	NL	Radio Delta International	Elburg	F.pl. (Fr or Sa 2100-0300)
6020	NL	Radio Delta International	Elburg	Irr. (Su 0600-1500)
6055	DNK	Radio OZ-Viola	Hillerød	Sa-Su 1100-1300
6070	D	Radio Channel 292	Rohrbach Waal	24/7
6085	D	Shortwaveservice	Kall-Krekel	Daily 0700-1700 ('Radio MiAmigo Int'l')
6115	D	Radio SE-TA 2	Gera	Irr. (1000-1200)
6130	NL	Radio Piepzender	Zwolle	Irr.
6140	NL	Radio Onda, Belgium	Borculo, NL	Irr. (weekends only)
6150	D	Europa 24	Datteln	Daily 0700-1605

6160	D	Shortwave Radio	Winsen	Daily 1600-2000
6170	FIN	Scandinavian Weekend Radio	Virrat	1st Sa LT of the month 21-18 & 20-21
6185	NL	Radio Piepzender	Zwolle	Irr.
7260	NL	Rockpower	Nijmegen	Daily 0730-1200
7270	NL	Rockpower	Nijmegen	Daily 1200-1600
7365	D	HCB	Weenermoor	24/7
7425	NL	Radio Piepzender	Zwolle	Irr.
7445	NL	Radio Piepzender	Zwolle	Irr. (0800-1800)
9670	D	Radio Channel 292	Rohrbach Waal	24/7
11690	FIN	Scandinavian Weekend Radio	Virrat	1st Sa LT of the month 21-15 & 20-21
11720	FIN	Scandinavian Weekend Radio	Virrat	1st Sa of the month 15-20
15700	DNK	World Music Radio	Randers	24/7
15785	D	BitExpress	Erlangen	24/7 DRM-modulation ('Funklust')
25800	DNK	World Music Radio	Mårslet, Aarhus	24/7

This list is published by Hartvig Media ApS each first day of the month – based on details supplied by the radio stations, the stations websites, monitoring observations, HFCC registrations, and some presumptions. The list is not copyrighted and may be published everywhere. Subscription by email is free of charge; write to <shn@wmr.dk>.

Just for the record: Radio Europe is not a legal station. It is a PIRATE, since it has no license from the Dutch Agentschap Telecom. ... Yet Radio Europe is a HFCC private request organization member. Strange situation but so it is.

(Stig Hartvig Nielsen, June 29)

AUSTRALIA - 5035 kHz {2310 / 4835 kHz} New Australian Shortwave Operation . - Wouldn't this be Unique Radio - they often use 4835 {or 5035 kHz} with pop music? Their nominal time is from 1800-2100 UT but I have heard them on several occasions in the 0800 UT time frame ...

(Bryan Clark-Mangawhai-NZL, WOR and NZDXT, wwdxc BC-DX TopNews July 6)

Re: Australian UNID 2325 kHz on now. Yep, that's the one. Nice signal here ... also hearing SW Australia on 2310 and 4835 kHz, Bay Islands on 5045 kHz, and 4KZ on 5055 kHz. And Unique Radio also on 5035 USB - making it 6 on air tonight! Busy Saturday night!

(Matt Francis, Bilgola Plateau, NSW-AUS, WOR July 9)

2368/5045 kHz Licences of Stefano Mollo in Perth, Australia, still valid. In May 2017 there was a test broadcast of Stefano Mollo in Perth (Western Australia) on 5045 kHz. I have never heard of more broadcasts since then. So it was of interest, that according to ACMA files the domestic HF licences of Stefano Mollo are still valid.

2368 kHz (28 January 2022 - 26. January 2027)

<https://web.acma.gov.au/rrl/licence_image.extract_pdf?pLICENCE_NO=10174010/1>

5045 kHz (14 January 2022 - 9 February 2027)

<https://web.acma.gov.au/rrl/licence_image.extract_pdf?pLICENCE_NO=10180588/1>

(hjb, WOR July 9)

BOLIVIA - 3310 kHz Radio Mosoj Chaski - Cochabamba, 0000 to 0023 UT, deep fades with om on the hour, some music, lost signal toward, then fade out. On June 17.

{3309.998 kHz measured June 29 at 00.50 UT, wb.}

(Robert Wilkner-FL-USA, via NASWA Electronic Flashsheet #1054 June 26)

BRAZIL - At 22.16 UT June 15 nothing noted on 6180v kHz which is empty in western Europe, but Radio Nacional da Amazonia, Brasilia was instead in BrasPort on 11780.007 kHz poor S=5-6 in central Europe.

11815.023 kHz R Bras Central, S=5 poor at 21.27 UT.

11895.271 kHz R Legiao da Boa Vontade, BrasPort at 21.29 UT, poor S=4 signal.

15189.949 kHz poor S=4 signal of Radio Inconfidencia at 22.02 UT.

9550.088 kHz R Boa Verdad, poor S=3-4 under threshold at 20.58 UT

Radio Voz Missionaria is now on its way much upwards, at 21.03 UT measured on 9669.490510 kHz - shift some 20 Hertz up and down. S=7-8 at 22.40 UT on 9669.492 kHz settled here around.

9818.855 kHz R 9 de Julho, Sao Paulo SP, poor S=4 signal,
9820even QRM of co-channel CNR2 from Xianyang RTC #594 bcast center

[selected SDR options, span 12.5 kHz RBW 15.3 Hertz] (wb df5sx, wwdxc BC-DX TopNews June 15)

6180 kHz Radio Nacional da Amazonia, Brasilia, 2031-2046 UT on 13 June, Portuguese, comments, Brazilian songs.
// 11780 kHz, 25322.

9550.1 kHz Radio Boa Vontade, Porto Alegre, 2021-2027 UT, 13 June, Portuguese, religious comments. 15321.

9818.8 kHz Radio 9 de Julho, Sao Paulo, 2014-2033 UT on 13 June, religious comments, Portuguese. 14321.

11815 kHz Radio Brasil Central, Goiania, 0905-0937 UT on June 14, Brazilian songs, id. "Radio Brasil Central", program "Brasil Sertanejo". 35433. Also heard at unusually early time 0403-0445 UT, June 15, Brazilian songs, program "Madrugada Musical". Strong signal. 45444.

11895.3 kHz Radio Boa Vontade, Porto Alegre, 2035-2050 UT on June 13, religious comments, Portuguese. // 9550.1 kHz 13421.

15189.9 kHz Radio Inconfidencia, Belo Horizonte, 1957-2029 UT on June 14, comments, id. "Rede Inconfidencia de Radio", at 2001 UT program "A Hora do Fazendeiro". 25322.
(Manuel Mendez-ESP, BrDXC-UK iogroups June 15)

4924.8 Radio Rural, Tefe relaying Radio Aparecida, 0440-0520 UT on June 18, religious songs and comments, Portuguese, id. "Rede Aparecida de Radio". "A Nossa Senhora Aparecida", program "Con A Mae Aparecida", "Voce esta ouvindo Com a Mae Aparecida, na Rede Aparecida de Radio", "... Frecuencia Modulada 95.4 MHz, ondas curtas de 25, 31 e 49 metros, onda tropical de 60 metros, Emisoras da Fundacao Nossa Senhora Rede Aparecida de Radio, Aparecida, Sao Paulo". 25422. Checked today from 0430 to 0510 UT on June 19, no audio, only strong carrier today. Checked its website

<<https://www.radoruraltefe.com.br/>>

streaming, relaying Radio Aparecida program "Com a Mae Aparecida". Checked at the same time, 20, 21, 22, 23 June, no audio, no carrier detected.

6010 kHz, Radio Inconfidencia, Belo Horizonte, 0509-0525 UT June 20, Brazilian songs. 15321.

{6010.023 at 00.58 UT on June 29, wb.}

6180 kHz, Radio Nacional da Amazonia, Brasilia, 2033-2047 UT June 18, soccer, live matches. // 11780 kHz. 35433.
{6180v Brasilia not on air on June 29, rather 6180.004 kHz IRIB Sirjan in Tajik language, 01.01 UT on June 29, wb.}

9669.9 kHz, Voz Missionaria, Camboriu, 2019-2024 UT June 19, religious songs. Strong QRM from 'Channel 292' on 9670 kHz. 31331. Also heard 0507-0523 UT on June 20, religious songs, ID. "Voce esta ouvindo Radio Voz Missionaria". 35433.

{ 9673.303313318 kHz Radio Voz Missionaria, Camboriu SC, in Portuguese on June 29 at 00.30 UT. wb df5sx June 29. }

9818.8 kHz, Radio 9 de Julho, Sao Paulo, 2033-2050 UT June 20, religious comments, Portuguese. 15321.

{ 9818.834 kHz measured at 01.08 UT on June 29, wb }

6

11780 kHz, Radio Nacional da Amazonia, Brasilia, 2005-2017 UT June 19, soccer, live matches. 35433.
{ 11780.008 kHz at 01.13 UT on June 29, wb df5sx}

11815 kHz, Radio Brasil Central, Goiania, 0615-0628 UT June 20, Brazilian songs, ID. "Radio Brasil Central". 35433.
{ strong S=8 signal in Germany on 11815.024 kHz, wb df5sx}

11895.3 kHz, Radio Boa Vontade, Porto Alegre, 2236-2251 UT June 20, Portuguese, religious comments. 13421.

15190 kHz, Radio Inconfidencia, Belo Horizonte, 2010-2021 UT June 19, soccer, live matches, "Campeonato Brasileiro".
25322. Also heard 2020-2033 UT June 22, program "A Hora do Fazendeiro". 25322.
{ 15189.951 kHz on June 29 at 01.21 UT, wb df5sx}
(Manuel Mendez-Lugo-ESP, hcdx & WOR / direct June 23)

9669.55v kHz ZYE890 Radio Voz Missionaria (pres); 2246-2251+UT, June 19; Port religihuxter on the verge of a
spasm; 2250 UT throat singer. SIO=3+53. Freq seems to have dropped back from recent peak near 9670 kHz
+++ 2116 UT June 21; presume them buried in QRN, centering about 9669.98.

9673.20v kHz 2253-2302+ UT on June 22; M&W in Port alternating news w/many mentions of Brasil; 2300 UT presume
ID spot mentioning onda corta; 2300:50 UT into Port rlg's pgm opening w/En hymn. SIO=3+53- till 2300 UT w/strong
het de 9675 kHz; Aoki shows CNR *2300 UT, but nothing copiable. 2130 UT on June 23; Very weak signal on about
9673.2v.
(Harold Frogge-MI-USA, WOR June 24)

CANADA - 6030 kHz Calgary - CFVP relaying CKMX (AM 1060 kHz), at 0820+ UT, June 25. Comedy by Brian Regan,
Howie Mandel, Dennis Regan, Todd Barry, Dennis Miller, etc.; commercial announcements; even with Cuban noise
jamming, was doing very well for 100 watt !
(Ron Howard-CA-USA, WOR June 25)

CHINA - China - Voice of Strait relaying CNR1 (4900 // 4940 kHz.). Voice of Strait with new schedule? On both July
8 & 9, from 1038 UT (tune-in) till 1100 UT; instead of the usual VOS programs, heard 4900 // 4940 kHz clearly with
relay of CNR1 (// 6125 kHz), all with fair signals; at 1100 UT, both VOS frequencies ended CNR1 coverage and went
to their individual VOS programming; both no longer // . Certainly this is a new development, but is it really a regular
segment now?
(Ron Howard-CA-USA, WOR July 9)

CUBA - 13680 kHz Monday June 13, at 2015-2025 UT, Radio Habana Cuba via Bauta-CUB site, in Portuguese.
Woman and man communication; 2020 UT Brief music and returns news. Poor reception: 35422.
(Jose Ronaldo Xavier-PA-BRA, HI22NX, hcdx June 13)

Seemingly A-22 season European sce moved from 15370 to 13680 kHz channel. Bauta TX #1, 100 kW from Bauta
site at 40 degrees azimuth, (10 degr plus 30degr slewed antenna. RHC antenna #2 towards Europe).
1930 Fr, 2000 Por, 2030 Ar, 2100-2300 Sp.

Bauta A-2 antenna 10degr +30degr slewed azimuth.

1930-2000	13680	BAU	100	40	WEu	French	Europe	ex15370
2000-2030	13680	BAU	100	40	WEu	Portuguese	Europe	ex15370
2030-2100	13680	BAU	100	40	WEu	Arabic	Europe	ex15370
2100-2300	13680	BAU	100	40	WEu	Spanish	Europe	ex15370

The RHC Bauta broadcast destined for EUR/North Africa on 13680 kHz in the A-22 season suffers tonight from an
VERY STRONG OTHR-like signal {or HAARP Alaska outlet?}, on frequencies between 13678 and 13701 kHz fq range
on the upper side band flank. At 21.10 UT on June 16. Reception in lower sideband 13675 to 13680 kHz recommended.
(wb df5sx, wwdxc BC-DX TopNews June 13 - 16)

Cuban radio this June 16 morning log:

5024.996 R Rebelde, Bauta, S=9 in Spanish at 05.45 UT

5039.999 RHC Bauta, S=9 in Spanish at 05.46 UT

6000even RHC Quivican, S=9+20dB English at 05.48 UT close-down after 06.00 UT varying TX off time.

6060even RHC Bauta, S=7 English at 05.56 UT, weakest signal

6165even RHC Bauta, S=9+10dB in En 05.58 UT.

not 6100 kHz, but 9700.007 kHz Bauta instead, S=9+10dB En

5980, 6030, 9805 kHz 6 kHz broad wideband scratch jamming of Cuban secret service command organization against R Marti opposite radio outlets of US AGM, jamming also on // 11845 and 11930 kHz.
(wb df5sx, wwdxc BC-DX TopNews June 16)

9650 kHz Radio Habana Cuba (t); 2303 UT on June 28; M in Sp w/jazz; mentioned Cuba. Aoki & EiBi lists both show them on at 0000 UT. SIO=453.
(Harold Frodge-MI-USA, WOR June 30)

13740 kHz Radio Habana Cuba; 1307-1318+ UT on June 30; M&W in Sp w/Cuba & LatAM news. SIO=353 (listed in Aoki & EiBi lists), // 13700 kHz SIO 3+53 (listed in EiBi only); spurs on 13565, 13630, 13635 & 13765 kHz.
(Harold Frodge-MI-USA, WOR June 30)

1300-1500	13700	BAU	100kW	310degr	to WNA	HRS 4/4/0.8	A8 antenna
1200-1500	13740	BEJ	50kW	135degr	to SAm	HRS 4/4/1	A27 antenna
2300-0400	9650	BEJ	50kW	110degr	to Antilles	Spanish HD 0.5/0.25	A31 antenna

(wb df5sx, via wwdxc BC-DX TopNews July 6)

EGYPT - Radio Cairo back on air. I listen out for them every day. The last broadcast in any language was on June 16. It's unusual for them to be off air for such a long period.

I sent an e-mail to their Propagation Department on Jun 21, asking whether they have abandoned short wave. I haven't received a reply yet, but I notice that today they are back again on 9410 kHz at 1600UT in Albanian. The distortion is still there accompanied by the usual loud hum. I will listen tonight to see if English reappears at 21:15 UT.

The second transmitter (no hum, but severe distortion) which was used for Turkish, Russian and French (9900, 9870 and 9810 kHz) has been off air for seven weeks. Recently, there were a number of consecutive days when the English programme was heard with perfect audio, but the transmitter hum made listening very tiring.

With nine transmitters on site, they must be able to fire up one of the others, or if not working, they could cannibalize them for spare parts for the two that are operational. It is likely that the technicians lack the expertise to undertake any serious repair work on their ageing transmitters.
(Alan Holder, G4ZBH; Isle of Wight-U.K. WOR and direct June 22)

GEORGIA [Abkhazia province occupied by Russia since 90ties] - Radio Apsua on 9534.8 kHz from 0628 to 0700 UT, today 28th June, with an Abkhasian program. Weak but easily understandable (SINPO 15333). Noted that no transmission after 0700 UT.
(Nico Philby-F, near Paris / France, WOR June 28)

Usual former USSR jamming SW transmitter type, with .8 or minus 200 Hertz frequency channel.
Sukhumi Abkhazia Georgia.

42 59 18.03 N 41 03 57.57 E

42 59 18.1 N 41 03 54.9 E

<<https://goo.gl/maps/5J9uiw9uyt8ofV8n7>>

(wb df5sx, wwdxc BC-DX TopNews June 28)

GUAM - 15625 kHz Monday June 13, at 2240-2250 UT, AWR Guam-KSDA, from Agat Guam, in Chinese. Woman preaching, presumed, in slow Chinese. Fair reception: 35433.
(Jose Ronaldo Xavier-PA-BRA, HI22NX, hcdx June 13)

On Monday June 13 noted same program on
15625.039 GUM AWR KSDA Agat Guam, Mandarin. S=9+20dB. 23.07 UT June 13.

15320even GUM AWR KSDA Agat in Javanese towards Indonesia, 22.30-23.00 UT S=9+10dB at 22.48 UT.

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

INDIA - The following are changes for All India Radio External Services from today 9 June 2022, and more frequency change to AIR External Service today June 17:

0100-0230 Tibetan 9910(D) (Ex 9875 kHz)
 0130-0200 Sindhi 7380(B)
 0145-0315 Nepali 11560(B) (Ex D)
 0315-0415 Burmese 11560(B) (Ex D)
 0400-0530 Farsi 15030(B) (Ex 0800-0830 UT 15030 kHz; ex 17560 kHz)
 0430-0600 Pashtu Add 15185(B)
 0530-0630 Arabic 15030(B) (Ex 0500-0600 UT)
 0900-1030 Nepali Add 9910(D), 15030(B)
 1030-1200 Chinese 15050(B) from June 17 (Ex 13795, ex 17560 kHz)
 1045-1200 Tibetan Add 9950(D) (Ex 9910 kHz) <<<<<
 1230-1400 Pashtu 11560(B) (Ex D)
 1330-1500 Dari 9950(B) (Ex 15030 kHz)
 1600-1730 Farsi 9620(B) (Ex 1615-1730 UT)

{yes at 16.07 UT June 10 noted Persian via Bangalore beast site, on even frequency, but amazingly very bad audio quality on its way path between bcasting house at Delhi and Bangalore site. Something's always wrong at AIR foreign service performance these days, wb.}

2345-0115 Chinese 15050(B) (Ex 13795 kHz)

All Times in UTC and Frequencies in kHz

B Bengaluru 500 kW D Delhi 100 kW

The updated schedule will be available very soon in <<https://qsl.net/vu2jos/es/time.htm>>
 (Jose Jacob-IND VU2JOS, Dxindia June 9 / update 17, via wwdxc BC-DX)

AIR increases duration of its Persian language service. The External Services Division of the All India Radio is expanding its transmission of Persian (Farsi) language service from existing 1 hour 45 minutes per day to 3 hours per day with effect from June 8, 2022. Programmes in Persian language will now be available to the listeners daily in the morning and evening, AIR said in a statement.

Updated time & frequencies :

Persian-1 Service 0400-0530 UT new 15030 kHz (Via Bengaluru, 500 kW)

Persian-2 Service 1600-1730 UT on 9620 kHz (Via Bengaluru, 500 kW)

AIR Persian Service will also be livestreamed on AIR World Service, YouTube channel, NewsOnAIR App and DD Free Dish. (Alokesh Gupta-IND, Dxindia June 8, via wwdxc BC-DX TopNews)

JAPAN - 6115 kHz JOZ5 R Nikkei #2, at 0930 UT on June 23. American and Asian (K-Pop style) music with Japanese and English sweepers and liners. Good signal but slightly fluttery even though the path is well south of the Arctic circle. Off at 1000 UT. This is from Nikkei's primary site at Nagara, about 30 miles ESE of Tokyo, with listed 50 kW at 50 degr.

No streetview image to confirm, but the antenna appears to be a single dipole with a tuned reflector. I don't get why they would use a reflector since half (or more) of the Japanese population are south and southwest of the transmitter site. Why not cover the south too. Nagara to central Texas is about 6500 miles at 46 degr. LSR 1125z.

(Jerry Lenamon-TX-USA, via NASWA Electronic Flashsheet #1054 June 26)

hfcc.org database show two request entries like 50 or 64 a n d 230 or 244 degrees azimuth. Four antennas visible on G.E. Pro : Only a single 31 mb antenna 64 degr at 35 27 58.25 N 140 12 12.37 E

<<https://goo.gl/maps/bdTsrZnggY9rSDKA>>

<<https://yandex.ru/maps/-/CCUNUOV40A>>

two 49 mb antennas 50 degr visible at
35 27 56.55 N 140 12 13.65 E
<<https://goo.gl/maps/ufU19FgWYDrx24M17>>

and 64 degr visible at 35 27 50.42 N 140 12 22.42 E
<<https://goo.gl/maps/g5D1Swveqa75CpsR7>>

and a single vertical mast antenna at 35 27 54.92 N 140 12 22.66 E
<<https://yandex.ru/maps/-/CCUNUOfusC>>
(wb)

KOREA (SOUTH) - Regarding 15575 kHz for North America - they will never change it. I was in contact with a technician back in 2001. According to him, the North American antenna they have (40 degrees azimuth *) is only able to operate on "15-16 MHz band". The only other antenna they could use for 9 or 11 MHz would be the one for South America 81 degrees - it can be slewed to 96 degr - maybe 66 degrees also ?.

It might provide a service in some parts of North / Central America in winter off the side of the main beam. They could be try some test transmissions - but can they be persuaded to do this by us listeners - of course not!
(Alan Holder, G4ZBH, Isle of Wight, U.K., WOR June 24)

* on Google Earth I see no any 40 degrees antenna at Kimjae broadcast center, rather only the 81degr azimuth South- / Latin-America antenna, via Alaska, Western Canada and Central America path southwards.

SW curtain, the only 81 degr azimuth requests of scheduled 15575, 9580, 11795, and 11810 kHz. The only 81 degr antenna location at

35 49 21.40 N 126 51 58.44 E <<https://goo.gl/maps/3AzHk5aDLBNizSEK8>>

<<https://www.bing.com/maps?osid=d4537e2a-b65e-4e38-89f8-f375b21dcbdf&cp=35.821808~126.863761&lvl=17&style=h&v=2&sV=2&form=S00027>>

Is a pity, that KBS refurbishing work in March 2019 of European Ampegon firm Made in Switzerland, was only cover on the new 250 kW transmitter REPLACED! replaced 100 kW part. But NOT deliver on a revolving RIGID / ALLISS antenna {like in Tamshui and Paochung Taiwan at same time} product to erect in Kimjae KOR center.

Then, - the use of a 28 degrees direction broadcast from Kimjae towards CAN / US central and eastern part would be easy. (wb, wwdxc BC-DX TopNews June 24)

MADAGASCAR - 6065 kHz AWR Malagasy, Antananarivo studio via Talata rental xmtr, May 30. fine signal but harsh summer static at 0320 UT with usual daily religious pgm, OM preaching in Malgache. This 0300-0400 UT transmission is usually a good chance to hear some local Malagasy mx, which to our ear is rather "Pacific-sounding" with island chorale and stringed instruments. This reflects presence on Central Plain of Malagasy of a large population group which, according to academics, is ethnically related to Indonesia / Melanesia, following migrations starting about 2,000 years ago. (Ralph Perry, Wheaton-IL-USA, Naswa Electronic Flashsheet #1051 June 5)

9765 kHz Madagascar World Voice listed in Portuguese to Brazil, 2130z, July 2. 100 kW at 265degr azimuth. Willis Conover lives !

Wonderful jazz music program just like Willis used to play. All that was missing was the voice of who I think was the most significant shortwave broadcaster ever. Other than an occasional website mention it was all music. If this is a regular thing, I need to set my alarm for next Saturday at 4 o'clock.

Not a bad signal although 11610 kHz at 325degr (not parallel) was better. MWV New Life Station, Mahajanga, Madagascar to central Texas is about 9900 miles at 302degr. UPDATE 2330 UT. Jazz is still going even though MWV is listed only until 2300 UT. Remarkably steady signal, no deep fades, S-7 to S-9 for the entire two hours. Off mid tune

10

at 2354 UT. Is this really MWV ?

(Jerry Lenamon-TX-USA, via NASWA Electronic Flashsheet #1055 July 3)

MALAYSIA - Sarawak FM 9835 kHz, reactivated with good signal. A quick reply from <khair -at- rtm.gov.my> to my email congratulating RTM on the reactivation of Sarawak FM on SW and asking if their good reception now was due to a new xmtr or just a repair of their old one? Asked the same question regarding the good reception on 11665 kHz (Wai FM) that I have had since about April.

"Thank you for your signal report. We manage to repair and up our transmitter on the air now since March 2022 due to a transmitter problem."

Ts. KHAIRUDDIN HJ OSMAN
Head of Assistant Director (Operation)
Seksyen Teknikal Rangkaian
Bahagian Perkhidmatan Teknikal
Jabatan Penyiaran Malaysia

So seems both frequencies are actually from their repaired transmitters.

(Ron Howard-CA-USA, via wb wwdxc BC-DX TopNews June 28)

MEXICO - 6185 kHz June 21 at 0636 UT, XEPPM reactivated with music, S=9+10dB. They had been awaiting a replacement part since last on air May 15 or 16. I had hoped they would build back better, but resumes undermodulation and slightly off-frequency at 6184.97 kHz.

Believe this is first time back as I have been checking every night. Manuel Mendez, Spain, and Eric Fetters-Walp, Washington were also hearing it earlier this evening. Resumes being the only remaining active SWBC station in Mexico or Central America: we must treasure it.

(gh, Naswa Electronic Flashsheet #1054 June 26)

Radio Educacion, Mexico D.F. on 6185 kHz back to the air. Apparently, if it's the same transmitter (of which I would assume), it is indeed 5 kW:

<<https://medxr.blogspot.com/2017/07/radio-educacion-mexico-transmitters-and.html?m=1>>

(Rodney Johnson-MN-USA, WOR June 23)

6185 kHz Radio Educacion, Ciudad de Mexico, 0435-0525 UT on June 21, songs in Spanish. Relaying the medium wave program . 25432. Also heard 0437-0502* UT on June 22, instrumental music, songs in English, at 0500 UT anthem ID. "Radio Educacion, la radio culturala de Mexico, 100.000 watts de potencia, desde la Ciudad de Mexico", and closed. Relaying the medium wave program. 24322.

Also 0436-0559* UT June 23, today first with its own short wave program (0436-0507 UT) instead of last days always relaying medium wave program, id. "Radio Educacion, Senal Internacional, 6185 kHz", Spanish, comments about culture and art in Mexico, program "Cronicas...", but checked later, and at that time relaying medium wave program, Latin American songs. Checked with its Internet streaming. At 0559 UT transmission cut off abruptly. 23422.

(Manuel Mendez-Lugo-ESP, hcdx & WOR / direct June 23)

NEW ZEALAND - RNZ Pacific frequency change 0600-0800 UT. Radio New Zealand Pacific will be on 9700 kHz from 0600 to 0800 UT starting today June 13. <<https://www.rnz.co.nz/international/listen>>

I was chatting via email with technical manager Adrian Sainsbury, who told me the transmission the other day/night (0600-0800 UT on June 11) was indeed a test for this switch.

(Ricky Leong-Alb-CAN, WOR & hcdx June 13)

Re: RNZ Pacific frequency change 0600-0800 UT. 0600-0627 UT strong co-channel mixture signals with Radio Romania International in German to WEu.

RNZ Pacific from Rangitaiki checked this Monday June 13 at 07.30 UT on WW Kiwi Net: nice signals much north-east

wards to US/CAN/NA

S=9+15 -58dBm Hawaii
 S=9+20 -52dBm Alberta CAN
 S=9+20 -52dBm CA USA
 S=7 -81dBm Bonaire Antilles
 S=5 -103dBm Tokyo JAP
 S=6 -93dBm Philippines
 S=9+5 -64dBm Adelaide
 S=8 -78dBm Tasmania
 S=9 -70dBm NSW AUS

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

PALAU - 9965 kHz Hope Radio 5 - from Medorn, Palau, at 0843 UT on June 10 in English. Woman finishing an evangelical message, program www address given, 0845 UT "WHRI / Hope Radio 5 from the island of Palau now signing off", contact at hoperadio.net, postal address in Morgantown, W.Va given, mellow Contemporary Christian song, 0850 UT off. Good S7 - 8 signal off the back of their antenna. Good.

(Mark Taylor, Madison-WI-USA, Naswa Electronic Flashsheet #1052 June 12)

TAIWAN - RTI German service will be broadcasting again this year several days in July direct from the Tamsui transmitter in northern Taiwan. Broadcast dates and frequencies:

<<https://de.rti.org.tw/radio/programMessageView/programId/2001/id/105704>>

[see the special QSL card from the German Service on page 2 of this DX MAGAZINE]

1700-1800 UT on 11995 kHz 1900-2000 UT on 9545 kHz

Friday 8 July / Saturday 9 July / Sunday 10 July
 Friday 15 July / Saturday 16 July / Sunday 17 July
 Friday 22 July / Saturday 23 July / Sunday 24 July
 Friday 29 July / Saturday 30 July / Sunday 31 July

Reports will be confirmed with a special QSL card. You can send reports using the webform on the RTI HP.

By email to <deutsch-at-rti.org.tw> or by post to
 Radio Taiwan International German Service
 P.O.Box 123-199
 Taipei 11199
 Taiwan, Far East Asia (RTI, July 2)

9940 kHz Nippon No Kaze via Paochung, Taiwan heard at 1319 UT on June 8; a song, then talks in Korean by a woman at 1321 UT. Mostly poor.

(Bob Brossell Pewaukee-WI-USA, Naswa Electronic Flashsheet #1052 June 12)

9685 kHz "Nippon no Kaze / Furusato no Kaze" Clandestine / opposition in Korean, June 10, at 1518-1525 UT. SIO 333. OM and YL in Korean with appeal, target is North Korea. MX. Broadcast is likely from Paochung, Taiwan. More POP MX. More MX with a YL Chorus follows.

(Vince Henley-WA-USA, via NASWA Electronic Flashsheet #1052 June 12)

THAILAND - Summer A-22 shortwave schedule of HSK9 Radio Thailand WS:

0000-0030 on 15590 UD0 English
 0030-0100 on 15590 UD0 Thai
 0200-0230 on 15590 UD0 English
 0500-0530 on 17640 UD0 English
 1000-1030 on 17850 UD0 Thai

1200-1230 on 9390 UD0 English
 1230-1245 on 9390 UD0 Vietnamese
 1245-1300 on 9390 UD0 Chinese
 1300-1315 on 9390 UD0 Japanese
 1315-1330 on 9390 UD0 Malaysian
 1330-1415 on 9390 UD0 Thai
 1800-1830 on 9920 UD0 Thai
 1830-1930 on 9920 UD0 English
 1930-1945 on 9920 UD0 Thai

(DX Mix-Bulgaria; via ARDXC ADXNews #658 of June 2022)

UNITED KINGDOM [to ANTARTICA] - 12065 kHz BBCWS Midwinter special, another test prior to the real thing on June 21: *2130 June 17 on 12065 kHz, JIP normal programming, into Buenos Aires SDR, S5/S7; nothing heard on other ENC Woofferton 9505 kHz vs noise level, nor 6035 kHz UAE at all; S6/S7 on 7305 kHz Ascension. At 2138 UT also checked RSA remote, which should capture 6035 kHz, but none of that nor any others. -

All set for the annual BBCWS Midwinter broadcast to Antarctica, June 21 at 2126 UT tune-in to Woofferton 12065 kHz via LU4AA remote near Buenos Aires. Cuts on at *2129 UT with tone S=9+10dB easily overcoming noise level, so I stay here and do not even check the other frequencies as I do not want to miss anything. Initially, all four RX at this Kiwi are tuned to one BBC frequency or another, but the rest go and come. {BBC finally decided not to use UAE 6035 kHz} 2130 UT opening by hostess Cerys Matthews - Welsh, pronounced Care-iss, Calling Antarctica, especially all 32 over-winterers at Rothera station on the Peninsula - pronounced Raw-dher-a. Interview woman formerly there, about strange dreams; acknowledging other nations' stations, notably Ukrainian.

2133 UT messages to South Georgia, bit of music, from family voices, at King Edward station and another one. 2135 UT greeting from an explorer. 2136 UT bit of Taylor Swift song for SG; greeting in French; limerick in English; heavy French accent in English; unison in English. 2139 UT Sir David Attenborough assures it's still sunny in Surrey; a new research ship has been named for him. 2140 UT ID, msg from Director of British Antarctic Survey, Prof. Jane Francis.

2142 UT greetings to the 32 at Rothera, from many family members. Details hard to understand over phone, accents, but no doubt the relatives recognize them. Ex-Rotheran tells about research there under ice, where one hears ice cracking, wails of Weddell seals. Ice cliffs are breaking and glaciers receding due to climate change. More family greetings including from kids; 2154 UT poem; 2157 UT final message; 2159 UT music and credits to 2200* UT.

Starting at 2145 UT and at least thrice I see on the waterfall a JBV diagonal trace upward from 10? to 26 MHz, i.e. an ionosonde. Tnx for another enjoyable special, which no doubt will soon be available online for those who missed it. (gh, via NASWA Electronic Flashsheet #1054 June 26)

U.S.A. - 9275 kHz WMLK - Bethel, 2252-2307 UT on June 22. finally returned to shortwave but the signal was pretty crappy considering a brand new transmitter with much higher power. Of course, I'm ground wave to maybe just skipping over me. Elder Meyer noted with religious talks as early as 1930 UT but I caught the end of a religious program followed by a station ID by a man announcer at 2300 UT.

(Rich D Angelo-PA-USA, via NASWA Electronic Flashsheet #1054 June 26)

9275 kHz WMLK - Bethel PA, 2115z, June 21. religious message via their new, high power Ampegon transmitter. Listed in HFCC with 300 kW at 53 degr using a {former} rhombic but when I look on Google Earth the array is {now} a curtain with two center fed, fat stacked dipoles with a screen reflector at an actual azimuth of about about 58degr. The target is listed as (27) Western Europe, (28) Central Europe and (39) the eastern Mediterranean and Asia Minor. Listeners in New England and the Maritimes might let us know how far the skip zone extends but I imagine that the more heavily populated parts of the northeastern US are too close for coverage.

For example, NYC is about 125 miles from Bethel, probably inside the skip zone. I don't know if WMLK's regular schedule is underway yet but I suspect that 31m is a bit low for good coverage of the listed targets at this time of day and year but it worked OK to central Texas. Bethel to Waco is about 1300 miles at 249 degr. LSS 0136z.

{comments by wb}

(Jerry Lenamon-TX-USA, via NASWA Electronic Flashsheet #1054 June 26)

6159.939 kHz measured WBCQ station at 00.44 UT on June 29. Seemingly religious program.
[selected SDR options, span 12.5 kHz RBW 15.3 Hertz] (wb df5sx, wwdxc BC-DX TopNews June 29)

5129.978 kHz UT Monday June 20 at 0335 UT, WBCQ Radio Angela, 'Concert Hall', for a while has some "bubbly" QRM every few seconds into Maryland SDR, then clears. Opera soon interrupted abruptly for some poetry and other classical music fill until hourtop. Sorry, but during first hour from 0200 UT, I needed to hear 'Encore' on WRMI 5950 kHz, unfortunately simulscheduled but it was then first. {nothing at 01.43 UT June 29, wb.}
(Glenn Hauser-OK-USA, Naswa Electronic Flashsheet #1054 June 26)

VANUATU - Superb reception on the 3x 3945 kHz frequency (11835 kHz) of Radio Vanuatu on 06:40 UT with Islands music and Bislama YL mentioning PNG. 3945 kHz itself is not heard, whereas 7890 and 15780 kHz are both heard at fair level via Masset-BC-CAN SDR unit. Mentioning police commissioner of PNG, Port Moresby, etc. at 06:42 UT. S=9+10dB signal. Then Solomon Island, and into music at 06:44 UT.

Interesting that I see an OTH radar signal just below between 11810 and 11825 kHz. Thankfully low enough not to interfere at all with the signal.
(Walt Salmaniw-BC-CAN, WOR June 24)

ZAMBIA - Voice of Hope new programme schedule:

Voice of Hope published a new programme schedule on 8 July 2022.
<https://www.voiceofhope.com/schedule/voh-africa_program_grid.pdf>
(Dr. Hansjoerg Biener-D, WOR July 9)

0400-0800	E	11680, 9680
1200-1400	Swahili	9680
1400-1600	E	9680, 6065
1600-2100	E	6065, 4965

(voh)

Editor's info desk was closed for this edition at 08:00 hours UTC on July 17th, 2022.

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

WOR (gh) - Glenn Hauser's WORLD OF RADIO - Oklahoma - USA

Prof. Dr. Hansjörg Biener (hjb) - Nuremberg - Germany

Others as stated at contribution.

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 (ARM) = 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), Kll - 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 (ESWATINI), 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.

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):

(* /drm) = 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

mostly monitoring via WORLD WIDE WEB.

Turkey cuts access to US & German public broadcasters

An Ankara court banned access to Deutsche Welle and Voice of America on Thursday night, after both failed to apply for local broadcasting licences required by regulations introduced this year. The two argued that a local licence issued by Turkey's RTUK media regulator would infringe on their independence and allow Ankara to censor their content.

Rights advocates said Turkey's decision underscores erosion to freedom of expression in the run up to next year's general election, the toughest of President Recep Tayyip Erdogan's two-decade rule.

It also threatens to spark new tensions in Turkey's relations with two of its most important Western allies and trading partners. The broadcasters went dark hours after a NATO summit at which Erdogan won praise from US President Joe Biden for lifting his objections to Sweden and Finland joining the Western defence alliance.

The US State Department criticised the new rules when they first went into force in February, stressing that a "free media is essential to a robust democracy".

The new media regulation applies to foreign providers of Turkish audio and video content. On Friday, both news portals were inaccessible in Turkey without the use of VPN technology that hides users' location. Both shared instructions on their social media accounts about using VPN to access their content.

Deutsche Welle Director General P.Limbourg said his agency refused to apply for a Turkish licence because it would harm independent broadcasting:

"In our extensive correspondence, as well as in personal conversations with the head of the media monitoring agency, we explained why DW cannot apply for such a licence," Limbourg said in a statement. "For example, licensed media in Turkey is obliged to delete online content that RTUK considers inappropriate. This is unacceptable for an independent media organisation," he added.

"DW will take legal action against the now imposed access ban."

'Criminal cases'. Press freedom advocates and the opposition are increasingly concerned about the perceived erosion of media freedoms in Turkey, where most news media are in the hands of government-friendly businessmen or controlled by the state.

Erol Onderoglu of Reporters Without Borders called the access cut a "problematic decision" aimed at helping Erdogan's ruling party ahead of the election. Ilhan Tasci, a member of the Turkish media regulator representing the main opposition CHP party, said the decision questions whether Turkey was still an "advanced democracy".

Turkey, where scores of journalists have been jailed since a failed 2016 coup, is ranked 149th among 180 countries in the Reporters Without Borders press freedom index. At a press conference Thursday after the NATO summit, Erdogan grew visibly upset at suggestions that he was muzzling the press.

"In my country at the moment, there are no journalists in prison because of their opinions. There are only criminal cases," Erdogan said.

Erdogan's ruling AKP party also wants to pass another law that could see people locked up for three years for spreading "disinformation" a bill protested by journalists' organisations. The government said it will debate the bill in October, giving up a previous attempt to rush it through the parliament. (AFP)

Agence France Presse: Turkey Cuts Access To US, German Public Broadcasters.

<<https://www.rfi.fr/en/international-news/20220701-turkey-cuts-access-to-us-german-public-broadcasters>>

Turkey Cuts Access To US, German Public Broadcasters; By Fulya OZERKAN
(via Mike Cooper-Atlanta-GA-USA, WOR July 1)

RADIO HISTORY

The two Shortwave Stations known as Radio Sada-e-Kashmir

In mid-January 2003, a new shortwave station called Radio Sada-e-Kashmir (Voice of Kashmir) hit the airwaves in Southern Asia. It was first noted broadcasting in the Kashmiri language at 0230-0310 UT, followed by programming in the Dogri language at 0310-0330 UT on 9890 kHz.

{Note: WRTH, e.g. in 2005, page 582, spelt this: Sedayee - gh}

In the initial era, the carrier and test tone were heard for about 20 minutes before the actual broadcast began. The program itself started with a long regional anthem, and the sign on announcement included station identification and the date of broadcast. This service was beamed to the Kashmir areas of Pakistan and India, and each program consisted of songs and political talks.

Interestingly, back more than half a century ago during the 1965 India-Pakistan conflict, an underground radio station with the same name, Radio Sada-e-Kashmir, began broadcasting on shortwave with also propagandist type programming. Although it claimed to be carrying out its broadcasts from the Kashmir valley itself, yet it was later established that those broadcasts were actually aired from elsewhere in Pakistan proper.

Now regarding the subsequent version of Radio Sada-e-Kashmir, in their second month on the air in February 2003 their frequency was moved down to the 49 metre band on 6130 kHz, and a second daily broadcast was noted at 1500-1600 UT, also on that same new frequency. Then during the following month March 2003, a third daily broadcast was noted at 0730-0830 UT on the original 31 metre band channel 9890 kHz.

From then onwards, there were three daily broadcasts; one in the morning, one in the afternoon, and one in the evening. The same program was broadcast three times each day, starting at 0230 UTC and repeated at 0730 UT and again at 1430 UTC. Note that Kashmir observes Indian Standard Time which is UTC+ 5 a half hours, making the local time for the broadcasts 6 am, 1 pm and 8 pm.

At least until the year 2008, the shortwave frequency 6100 kHz was used for the morning and evening broadcasts, though seven years later (2015), that was changed to 4870 kHz in the tropical 60 m band. Then around the year 2017 there was another change in scheduling with 6030 kHz in use for the morning and evening broadcasts, and 6100 kHz was now used again for the afternoon transmission.

Back at the beginning in March 2003, there were clear indications that the second version of Radio Sada-e-Kashmir was on the air via a shortwave transmitter operated by AIR All India Radio. On occasions AIR programming was inadvertently broadcast on the same frequency both before and after the Kashmiri broadcasts, and even at times during the Kashmiri broadcast.

It was also an open secret for international radio monitors living in Southern Asia that the broadcasts from the second version of Radio Sada-e-Kashmir were on the air from New Delhi as these frequencies were registered by All India Radio in the HFCC website. At first a 100 kW transmitter was used, and subsequently from around 2016, a 250 kW one.

On occasions, this Radio Sada-e-Kashmir was noted off air for short periods of time, due apparently to transmitter problems. However, this station left the air permanently on December 31, last year (2021) just as silently as it had begun some 18 years earlier. Their final program ended at 1530 UT on 6030 kHz. Perhaps it was no coincidence that on that same day the AIR shortwave stations AIR stations in Srinagar, capital of Jammu & Kashmir, also ended their shortwave transmissions.

It may also be noted that the 6 MHz frequencies in use by the second Radio Sada-e-Kashmir were close to the day time frequency of AIR Srinagar, that is 6110 kHz. No contact address was ever given by this station and there are no known QSLs issued by this station.

That then, is the story of the two shortwave stations that operated under the same title, Radio Sada-e-Kashmir; one in 1965 on one side of the border (Pakistan), and the other from 2003 - 2021 on the other side of the border (India).

(Adrian Peterson-IN-USA, script AWR Wavescan April 17, 2022; WOR June 26)

VOA Shortwave Relay Station at Poro in the Philippines

As we mentioned here in Wavescan three weeks back, the Voice of America VOA radio station at Poro was the third VOA base in the Philippines and in reality, it was four radio stations combined at the one location. Today's topic is the story of their two shortwave stations at Poro Point, 150 miles north of Manila the national capital.

The Poro radio stations were constructed on 200 acres at the Wallace Air Force Base, at Poro Point on Poro Island. The original complement of shortwave transmitters was made up of six transmitters:- 2 -at- 15 kW 1 Collins from Dallas-TX and 1 Federal from Fort Wayne-IN. These two units were used for VOA international communications

2 x 35 kW From Collins in Dallas TX, for international broadcasting

2 x 100 kW From General Electric in Syracuse NY, for international broadcasting.

All of the antenna systems, 15 in total, were simple and economic diamond shaped rhombics pointed towards Asia. The station used commercially available electricity, with emergency power generators that could power some of their equipment, though not all.

International radio monitors noted that the first 35 kW transmitter was on the air with test broadcasts in November 1953, and it was taken into regular service three months later in February of the following year (1954). All of the additional shortwave transmitters were subsequently installed and activated progressively.

The full complement of shortwave transmitters at the Poro station was taken into regular service during the year 1954 and it was listed as PHP in VOA scheduling documents. Thirty years later (1984), the same six shortwave transmitters at Poro were still listed as in active service.

However on September 16, 1991, the Wallace Air Force Base was deeded over to the Philippine government with the inevitable result that VOA Poro would one day be closed. Six years later, in April 1997, the Philippine government issued their declaration, that Poro should be closed, just one month later, by the end of May (1997). Plans were underway for the development of Poro Point as a major tourist destination.

However by special arrangement, the life of those same six shortwave transmitters was extended by more than two years, and the final on air date was September 30, 1999. The superpowered megawatt mediumwave transmitter though was permitted to continue in service for another 14 years. The shortwave antenna systems were demolished in 2004.

There was another shortwave facility installed at Poro, and that was a portable unit that had been in temporary usage at the VOA station in Liberia, Africa. That VOA transportable station was composed of three 50 kW Gates transmitters from Quincy in Illinois. In VOA scheduling the Poro transportable transmitters were identified with the symbol PHPX.

The site for all four of the Poro Point VOA relay stations (two super power mediumwave transmitters, together with the fixed and portable shortwave stations), can be found quite readily on Google Earth. The two mediumwave station locations and their antenna systems are shown, together with the adjoining shortwave facility which is shown as a floor plan. The Google Earth view seems to be a strange combination of two different satellite views, one from 1985 and the other from a more recent though undated view.

The usage of the portable PHPX at Poro also ended on September 30, 1999. That left just one VOA shortwave base remaining in the Philippines, and that was the large shortwave station at Tinang. That is another story for another day.

(Adrian Peterson-IN-USA, script AWR Wavescan May 1, 2022)

BBC on Shortwave

In the near future, the BBC can also be expected to largely phase out shortwave broadcasting. This announcement is the reason for an up-to-date inventory.

There is already talk of a remaining operation: the BBC only maintains shortwave radio for Africa and parts of Asia, including the Middle East.

This had corresponding consequences for the infrastructure. The BBC's shortwave systems in Antigua (here together with Deutsche Welle), Cyprus, Lesotho, the Seychelles and Thailand no longer exist. In England, too, less than a quarter of the capacities that were once in operation are still active.

In addition to the Woofferton station in the Birmingham area, there are now facilities on the Atlantic island of Ascension, as well as in Oman and Singapore. There and via booked third-party capacities, the following broadcasts will run in the summer of 2022 (**times in CEST**, the respective transmitter location in brackets):

English

00:00-01:00: 5955 kHz (Abu Dhabi), 7445 kHz (Philippines), 9580 kHz (Oman)

00:00-02:00: 3915, 6195, 7465 kHz (Singapore)

01:00-02:00: 11825 kHz (Philippines)

02:00-03:00: 5890 kHz (Armenia), 5945 kHz (Oman)

03:00-04:00: 7325 kHz (Oman), 15620 kHz (Singapore)

04:00-05:00: :/:

05:00-06:00: 9740, 12095 kHz (Oman)

06:00-07:00: 9915 kHz (Madagascar), 12095, 13580 kHz (Oman)

07:00-08:00: 6195 kHz (Ascension), 9410 kHz (Radio Vatican), 9915 kHz (Madagascar),
11810kHz (England), 17530kHz (Abu Dhabi)

08:00-09:00: 7345, 9410 kHz (Ascension), 13600 kHz (Sao Tome), 15420,
17530 kHz (Madagascar), 15490 kHz (Radio Vatican), 17830 kHz (England)

09:00-10:00: 11810 kHz (Ascension), 13580 kHz (Sao Tome), 15490 kHz (Ascension), 17530,
17640 kHz (Madagascar)

10:00-12:00: :/:

12:00-13:00: 11695, 11855 kHz (Singapore)

12:00-14:00: 6195, 9410, 11945 kHz (Singapore)

14:00-15:00: 12065, 15310, 15400 kHz (Oman), 15640 kHz (Singapore);
Sat-Sun also 15740 kHz (England)

15:00-16:00: 11685 kHz (Singapore), 11805 kHz (Oman)

Mon-Fri 16:00-17:00: 15740 kHz (England)

17:00-18:00: 9410 kHz (Oman)

17:00-19:00: 12025 kHz (Singapore)

18:00-19:00: 17640, 21630 kHz (Ascension)

18:00-20:00: 17830 kHz (Ascension)

18:00-22:00: 7445 kHz (Madagascar)

19:00-20:00: 15400 kHz (England), 17780 kHz (Ascension)

19:00-21:00: 6195 kHz (Oman), 12025 kHz (Singapore)

19:00-22:00: 7265 kHz (Madagascar)

20:00-21:00: 9410 kHz (Abu Dhabi), 13580 kHz (England), 15400 kHz (Ascension)

20:00-23:00: 11810 kHz (Ascension)

21:00-22:00: 6155 kHz (Sao Tome), 6195 kHz (Abu Dhabi); Mon-Fri also 11680 kHz (England)

21:00-23:00: 12095 kHz (Ascension)

Sat-Sun 22:00-23:00: 11680 kHz (England)

Mon-Fri 23:00-24:00: 11810, 12095 kHz (Ascension)

Program to Afghanistan

02:30-04:00: 6195 kHz (Oman), 7295 kHz (Austria)
 03:00-05:00: 7445 kHz (Oman)
 04:00-04:30: 9880 kHz (Armenia)
 04:00-05:00: 9410 kHz (Oman)
 04:30-05:00: 12095 kHz (Armenia)
 05:00-05:30: 11870, 13850 kHz (Abu Dhabi), 15310 kHz (Armenia)
 05:30-07:00: :/
 07:00-09:30: 13850 kHz (Oman)
 07:00-13:30: 15310kHz (Oman)
 09:30-14:00: 17810kHz (Oman)
 14:00-15:00: :/
 15:00-16:00: 11995kHz (Oman)
 16:00-17:00: 11725kHz (Oman)
 16:00-19:00: 11995 kHz (Singapore)
 16:00-21:00: 5970kHz (Oman)
 19:00-21:00: 5875 kHz (Armenia), 11735 kHz (Singapore)

Arabic

05:00-06:00: 7235 kHz (England)
 05:00-07:00: 9410kHz (Abu Dhabi)
 07:00-09:00: 15335 kHz (Oman)
 20:00-21:00: 9585kHz (Abu Dhabi)
 21:00-23:00: 5925kHz (Abu Dhabi)

Iran program

04:30-05:30: 6040 kHz (Abu Dhabi), 6195 kHz (Uzbekistan), 7360 kHz (Radio Vatican),
 9880 kHz (Bulgaria)
 05:30-06:30: 11870 kHz (Oman), 12025 kHz (Bulgaria), 13825 kHz (Uzbekistan)
 17:00-18:00: 5875 kHz (Uzbekistan), 6195 kHz (Oman)
 19:30-20:30: 6100 kHz (Bulgaria)

Korean

17:30-20:30: 9390 kHz (Tajikistan), 12095 kHz (Singapore), 15435 kHz (Philippines)

Ethiopian program, Mon-Fri only

19:30-20:30: 9540 kHz (Oman), 11965 kHz (Abu Dhabi), 15685 kHz (Vatican Radio)
 20:30-21:30: 9685 kHz (Oman), 11965 kHz (Vatican Radio)

Somali

06:00-06:30: 11995 kHz (Madagascar), 13790 kHz (Abu Dhabi)
 except Sat 13:00-13:30: 15420, 17745 kHz (Abu Dhabi)
 except Sat 16:00-17:00: 12095 kHz (Madagascar), 15420, 17745 kHz (Abu Dhabi)
 Sat 13:00-16:00: 17745 kHz (Madagascar)
 Sat 13:00-18:00: 15420 kHz (Abu Dhabi)
 Sat 16:00-18:00: 12095 kHz (Madagascar)
 Sat 18:00-20:00: 7225 kHz (Abu Dhabi)
 Sat 18:00-21:00: 13860 kHz (Radio Vatican), 15685 kHz (Ascension)

Hausa

07:29-08:00: 7410 kHz (Ascension), 9440 kHz (England), 12095 kHz (Austria)
 08:29-09:00: 7410, 9440 kHz (Ascension), 13810 kHz (Vatican Radio)

Sat 13:00-18:00: 17780 kHz (Ascension)
Sat 15:00-18:00: 15420 kHz (Abu Dhabi)
Mon-Fri 16:00-16:30: 11640 kHz (Sao Tome), 17780, 21630 kHz (Ascension)
21:30-22:00: 9410, 11660 kHz (Ascension), 11610 kHz (England); Fri until 10:30 p.m

French

08:00-08:30: 7410 kHz (Ascension), 12095 Hz (England), 13810 kHz (Austria),
15400 kHz (Sao Tome)
09:00-09:29: 11930 kHz (Ascension), 15400 kHz (Sao Tome)
14:00-14:30: 15260 kHz (Radio Vatican), 17640, 21630 kHz (Ascension)
20:00-20:30: 9750, 13790 kHz (Radio Vatican), 13720 kHz (Bulgaria), 15325 kHz (England),
15490 kHz (Armenia)

Burmese

02:00-02:30: 9560, 12025 kHz (Singapore); 15310 kHz (Philippines)
15:30-16:00: 7465, 9585 kHz (Singapore), 15325 kHz (Philippines)

Bengali

15:30-16:00: 9410 kHz (Sri Lanka), 9510 kHz (Singapore), 11750 kHz (Oman)
18:30-19:00: 7370 kHz (Oman), 9445 kHz (Singapore)

Kinyarwanda / Kirundi

Sat 07:00-08:00: 15490 kHz (Abu Dhabi), 17815 kHz (Armenia)
Sun 07:29-08:00: ditto:
Mon-Fri 18:30-19:00: 13860 kHz (Abu Dhabi), 17745 kHz (Madagascar)

The large-scale Somali and Hausa broadcasts on Saturday are football reports. Deutsche Welle has now adopted this idea and also uses shortwave frequencies for the West African language Hausa (from France; Saturdays, if Bundesliga match day, 15:25 to 17:30 on 15195 and 15350 kHz).

Not all of the programs that the BBC now still broadcasts on shortwave have existed for decades. The offer in Korean only started in 2017. The initial transmission configuration worked poorly, leading to lurid but completely untrue reports of alleged interference by North Korea.

However, the start of the service was explosive indeed. As the then director of BBC News hinted, the BBC initially shied away from taking the step originally planned for 2015 because of fears of complications with North Korea.

An unusual confrontation with the South Korean broadcaster KBS, which the BBC afforded, spoke for itself. As allegedly bad research, she attacked a representation by KBS, which correctly spoke of a start of broadcasting planned for 2017.

Even in early 2018, the BBC started programming for Ethiopia. If there has not been an expansion in the meantime, there are three 20-minute programs in Amharic, Oromo and Tigre, each of which will be broadcast twice.

In contrast, Deutsche Welle has been broadcasting for Ethiopia since 1965, albeit to this day limited to Amharic, which is regarded as the country's linguistic link. As with Hausa, the shortwave transmitters in France are used to this day (currently from 18:00 to 19:00 on 15275 and 17800 kHz).

Meanwhile, an Irish press article recalled the 1988 censorship of Sinn Féin by the Thatcher government. At the time, the then director of the BBC World Service, John Tusa, was in Africa and found himself completely sidelined trying to promote freedom of the press to his interlocutors.

Author: Kai Ludwig; as of June 6th, 2022 (Medienmagazin rbb)



DX LOGBOOK

Logs around the clock

by Ashok Kumar Bose, 106 Aspermont Crescent, Brampton, Ontario, L6P 3Z3, Canada
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SHORTWAVE BANDS

Frequency	UTC	SIO	ITU	Radio Station	Language	Programme Details	Date	Rep.
3955.0	1930	454	D	Radio PowerRumpel	German	D, ID, Film Soloalbum	1305	SG
3955.0	2000	454	G	KBS-WR via Woofferton	German	D, ID, NX, Magazin	1605	SG
5900.0	1900	454	BUL	RTI via Kostinbrod	German	D, ID, NX, Börse, HBF	1305	SG
5920.0	0930	343	D	HCJB Weenermoor	German	D, ID, ADXB-DX-News	2905	SG
5920.0	2000	444	D	Radio ZP30 via HCJB	German	D, NX, Lied, ID, WX	1705	SG
5925.0	0300	554	BOT	VOA-Relay	English	ID, NX, rpt drugs	2105	SG
5950.0	2000	454	F	KBS-WR via Issoudun	French	F, ID, NX, magazine	1805	SG
6005.0	0930	343	D	RPI via Kall	German	D, ID, Burgen-Schlösser	2905	SG
6005.0	1000	343	D	RSI via Kall	German	D, ID, NX, Magazin	1505	SG
6015.0	0400	554	ROU	Radio Romania	Romanian	ID, TS, TA, NX	2405	SG
6015.0	0500	554	ROU	RRI	French	F, IS, ID, NX, rpt	2405	SG
6030.0	1445	452	CAN	CFVP, Calgary	English	Funny station ID	0306	RL
6045.0	1245	554	D	Radio Hit Mix	Various	ID, Rockpop	2805	SG
6045.0	1300	554	D	Radio Delta International	Various	ID, RockPop	2805	SG
6050.0	0400	454	F	Radio Algier via Issoudun	Arabic	A, NA, ID, Holy Quran	2105	SG
6070.0	0800	444	D	RNI via Ch292	German	D, ID, Popodies, Jingles	1505	SG
6070.0	0900	444	AUT	R. DARC via Moosbrunn	German	ID, Afu; Technik; Pop	2905	SG
6070.0	1000	444	D	Valley FM via Ch292	English	E, ID, Rockpop	1505	SG
6070.0	1200	444	D	Musikallee via Ch292	German	D, ID, Rockpop	1505	SG
6070.0	1400	443	D	OffshoreHistoryRadio	English	E, ID, offshore history	1405	SG
6070.0	1500	443	D	SMRD via Ch292	German	D, ID, west side story	1405	SG
6080.0	0300	554	BOT	VOA-Relay	English	ID, NX, rpt drugs	2105	SG
6090.0	2000	454	G	KBS-WR via Woofferton	Arabic	A, IS, ID, NX, rpts, MX	1905	SG
6155.0	0430	554	D	AWR-Relay	French	F, IS, ID, rel bc	2305	SG
6155.0	0500	554	AUT	OE1 via ORS-Moosbrunn	German	D, IS, ID, NX, rpts, MX	2305	SG
6165.0	0430	343	F	NHK-World-Radio Japan	English	E, ID, NX, rpt	2105	SG
7315.0	0330	454	CVA	Vatican Radio	Vernacular	IS, ID, rel bc	2105	SG
7325.0	0400	554	ROU	Radio Romania	Romanian	ID, TS, TA, NX	2405	SG
7335.0	0340	454	USA	Radio Marti	Spanish	S, MX, ID, rpt, ID, MX	2105	SG
7355.0	1026	553	J	NHK World		Jingle	0906	RL
9410.0	0530	554	CVA	BBC-WS-Relay	English	E, ID, NX, weekend	2105	SG
9410.0	2115	454	G	VOA-Relay	French	F, ID, battles in Europe	1605	SG
9420.0	1530	454	GRC	ERT Athen	Greek	Gr, ID, rpt, Pop	2305	SG
9470.0	2115	444	BOT	VOA-Relay	French	F, ID, phone-in, MX	1605	SG

9490.0	2130	444	SAO	VOA-Relay	Hausa	Hausa, IS, ID, NX, rpts	1605	SG
9500.0	1600	554	ROU	RRI	French	F, IS, ID, NX, MX, rpt	2405	SG
9540.0	2100	342	MRA	RFA-Relay	Korean	Korean, ID, ann, rpts	1605	SG
9620.0	1900	454	IND	AIR	Arabic	ID, NX, MX, ID, NX, IS	1705	SG
9635.0	1930	454	TUR	TRT	French	IS, ID, NX, press, MX	1705	SG
9640.0	2140	454	CHN	CRI	Spanish	S, ID, ninos, MX	1605	SG
9645.0	1930	454	CHN	CRI	French	F, ID, NX, rpts	1805	SG
9700.0	0600	554	ROU	RRI	German	D, IS, ID, NX, rpt	2105	SG
9730.0	2000	343	VTN	VOV	German	D, ID, NX, rpt, sport	1705	SG
9835.0	1930	343	IRN	IRIB	English	ID, NX, economics, ID	2005	SG
9840.0	1730	454	TUR	TRT	German	D, IS, ID, NX, Telefonat	1705	SG
9850.0	0342	453	ROU	RRI	English	Listeners Letterbox	2106	RL
9855.0	1930	454	IRN	IRIB	English	ID, NX, economics, ID	2005	SG
9920.0	1930	454	THA	RTWS	Thai	Thai, IS, ID, NX	1905	SG
9925.0	0130	553	D	Mighty KBC Radio	English	Song Dream Boat Annie	1906	RL
9990.0	1500	342	MRA	RFA-Relay	Korean	Korean, ID, ann, rpts	2305	SG
11620.0	1540	454	CVA	Vatican Radio	Arabic	A, ID, NX, rpts, ID	2305	SG
11620.0	1600	454	CVA	Vatican Radio	French	F, ID, NX, rpts, ID, pop	2305	SG
11620.0	1615	554	CVA	Vatican Radio	English	E, ID, NX, rpts	2305	SG
11650.0	1000	554	ROU	RRI	French	F, IS, ID, NX, MX, rpts	2305	SG
11885.0	1600	444	VTN	VOV	English	E, ID, NX, rpt Davos	2305	SG
11885.0	2100	444	VTN	VOV	Spanish	S, ID, NX, rpts, MX	1705	SG
11885.0	1925	352	VTN	VOV	English	Letterbox	2206	RL
11940.0	2100	454	E	REE	Spanish	S, ID, NX, rpts, MX	1605	SG
11940.0	2200	454	E	REE	English	E, ID, NX, rpts // 15520	1605	SG
11945.0	2100	333	MRA	RFA-Relay	Korean	Korean, ID, ann, rpts	1605	SG
11985.0	1500	343	MRA	RFA-Relay	Korean	Korean, ID, ann, rpts	2305	SG
11985.0	2100	443	MRA	RFA-Relay	Korean	Korean, ID, ann, rpts	0505	SG
12025.0	1550	454	SNG	BBC-WS-Relay	English	E, rpt Taliban, ID	2305	SG
12065.0	2150	453	G	BBC WS	English	Antartic Mid Winter	2106	RL
12095.0	2100	454	ASC	BBC-WS-Relay	English	E, ID, NX, rpts, MX	1605	SG
13610.0	1300	554	ROU	RRI	Russian	R, IS, ID, NX, rpt, MX	2405	SG
13670.0	1330	554	CHN	CRI	English	E, ID, ann, rpt economy	2405	SG
13730.0	2213	452	AUT	Radio Andorra	French	Jolson & C. Basie songs	0406	RL
13750.0	1100	554	ROU	RRI	English	E, IS, ID, NX, rpts	2005	SG
13790.0	1000	554	ROU	RRI	French	F, IS, ID, NX, MX, rpts	2305	SG
15150.0	1000	554	ROU	RRI	French	F, IS, ID, NX, MX, rpts	2305	SG
15170.0	0300	454	ARS	Saudi Radio	Arabic	A, ID, ann, Gesänge	2405	SG
15245.0	1500	454	CHN	CRI	English	E, ID, NX, rpt economy	2305	SG
15300.0	0945	453	F	RFI	French	F, ID, rpts, MX	2005	SG
15320.0	1100	554	ROU	RRI	English	E, IS, ID, NX, rpts	2005	SG
15350.0	1130	444	TUR	TRT	German	D, ID, NX, Presse, HBF	2605	SG
15450.0	1230	444	TUR	TRT	English	IS, ID, NX, press, MX	2605	SG
15520.0	1945	554	E	REE	Spanish	S, ID, rpts, ID, MX	1705	SG
15520.0	2200	554	E	REE	English	E, ID, NX, rpts // 11940	1605	SG
15530.0	0500	454	KWT	Radio Kuwait	English	E, ID, NA, Koran, Pop	2305	SG
15565.0	1630	444	CVA	Vatican Radio	English	ID, rpt pandemic	2305	SG
15575.0	1300	533	KOR	KBS World Radio	English	Museums, Korean Food	3006	RL
15595.0	1130	444	CVA	Vatican Radio	English	E, IS, ID, rel bc	2705	SG

15770.0	1110	343	USA	RAE via WRMI	Spanish	S, NX, ID, MX, ID, DX	2005	SG
15770.0	1130	444	USA	RAE via WRMI	English	E, ID, ann; adr; NX	2005	SG
17490.0	0900	454	CHN	CRI	English	E, ID, NX, round table	2305	SG
17570.0	0900	454	CHN	CRI	English	E, ID, NX, round table	2305	SG
17615.0	0600	454	CHN	CRI	German	D, MX only // 17720	2105	SG
17640.0	0500	343	THA	RTWS	English	E, ID, NX, rpt	2305	SG
17650.0	0900	454	CHN	CRI	English	E, ID, NX, round table	2305	SG
17670.0	1100	444	ROU	RRI	English	E, IS, ID, NX, sport	2005	SG
17720.0	0500	554	CHN	CRI	German	ID, MX only // 17615	2105	SG
21520.0	1000	443	MRA	RFA-Relay	Tibetan	Tibetan, IS, ID, NX, rpts	2005	SG
21530.0	0915	353	CHN	China National Radio	Chinese	C, MX, rpts, MX	2005	SG
21670.0	0900	454	ARS	Saudi Radio	Indonesian	Indonesian, ID, NX, rpts	2005	SG
21695.0	0930	443	PHL	VOA-Relay	Chinese	C, TS, ID, NX, rpts	2005	SG

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

- 5995.0 MALI Radiodiffusion Television du Mali – Bamako, 2341-2359 Jun 11, man announcer with French language talks hosting a program of popular music selections. Carrier terminated mid-song. Fair.
- 9265.0 USA WMLK - Bethal, 2252-2307 Jun 22, finally returned to shortwave but the signal was crappy considering a new transmitter with much higher power. Edler Meyer noted with religious talks as early as 1930 but I caught the end of a religious program followed by a station ID by a man announcer at 2300.
- 11570.0 CLANDESTINE Dimtse Woyane – Issoudun, 0402-0458* Jun 9, a man announcer with the news in the Tigrinya with several remote reports. Into a discussions and log talks. A clapping man lead chanting at 0456 before instrumental music. Carrier cut while another man was talking. Fair to good signal with jamming in the background.
- 11640.0 MALI China Radio International – Bamako, 2103-2122 Jun 21, a man announcer with English language news followed by station ID and a man and woman with news related features. Poor to fair.
- 11650.0 ROMANIA Radio Romania International – Tiganesti,*2057-2106 Jun 21, interval signal followed by opening of the Spanish program with a man giving station ID and opening announcements followed by a woman announcer with the news. Fair.
- 11745.0 SAUDI ARABIA Al-Azm Radio – Jeddah, 2348-0012 Jun 7, non-stop Arabic language talk by a woman followed by light instrumental music at 2359 ending program feature. A man began talking over instrumental music before another man introduced a male vocal selection. Fair to good signal.
- 11815.0 BRAZIL Radio Brasil Central – Goiânia, 0031-0120 Jun 9, man announcer with nice station ID followed by discussion by several men and woman in the Portuguese language. Program ended at 0100 and musical programming followed. Fair.
- 11905.0 SRI LANKA Sri Lanka Broadcasting Corporation – Trincomalee, 0028-0056 Jun 22, open carrier with instrumental music followed by group singing until a woman announcer gave opening station ID and announcements in Bangla. Program of nice listening music with carrier terminated during a flute instrumental. Fair but steady.
- 12065.0 ENGLAND BBC – Woofferton, *2129-2200* Jun 21, annual special transmission to Antarctica with nice opening ID (“this is the BBC World Service calling Antarctica...”) with Cerys Matthews hosting the program. Greetings from family, friends from back home to those wintering there. Fair to good signal.
- 15590.0 THAILAND Voice of Thailand – Udon, *0000-0029* Jun 9, usual English language world news program with promotional announcements and ads with several nice station IDs. Poor to fair.

Thanks a lot to our club members for their contributions:

- RAD : Richard D'Angelo, Wyomissing, PA, USA. Ten-Tec RX-340, Drake R-8B, Eton E1, Eton E5, Alpha Delta DX Sloper, RF Systems Mini-Windom, Datong FL3, JPS ANC-4
- RL : Richard Lemke, St. Albert, Alberta, Canada. JRC NRD-535 HF with random long wires in trees.

SG : Siegbert Gerhard, Frankfurt am Main, Germany. AOR AR 7030 + 5m-EMF (Electric Magnetic Field) Antenna & Degen DE 1103 + Telescopic

Dear Friends,

Welcome to the July edition.

Thanks to our regular members for their contributions,

Ashok Kumar Bose

	<p style="text-align: center;">QSL CORNER</p> <p style="text-align: center;">Editor: Dario Gabrielli, Viale della Resistenza 33b, 30031 Dolo (Ve), ITALY eMail: <qsl@wwdxc.de></p>	
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Netherlands/Germany: Hitmix via Piepzender 6185 kHz. Music programme with occasional IDs, full data colour pdf received after 14 days for report sent to <erdenman@gmx.de> (HB)

Netherlands: Radio Classic Sunday 6185 kHz via Piepzender, 3 h music programme with DJ chatter in Dutch. General colour jpeg (solidarity with Ukraine) as e-QSL for 29 May 2022.received in 2 days for reception report sent to <info@radioclassicsunday.com>. The next broadcast is on Sunday 26 June 2022 (HB)

The reporter of this edition of QSL CORNER has been:

HB = Hansjoerg Biener, Nuremberg, Germany

This month, unfortunately, the contributions were very few but useful. I would like to remind you that next month the editorial staff of this page and the editor of the magazine will take a few days off and so the deadline to send your contributions will be on **August 27 at 23:00 UTC**.

The editorial team wishes everyone a good holiday with your families and of course good listening, *Dario*

