

8/9 - 2017 € 3,00

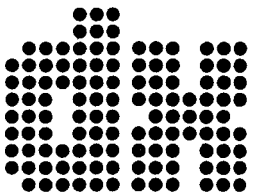
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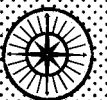
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WORLD WIDE DX CLUB



WORLD WIDE DX CLUB



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- 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)
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RAE Buenos Aires special QSL card for 50th anniversary (Siegbert Gerhard)

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DX MAGAZINE No. 8/9 ■ Vol. LII ■ August/September 2017

Hello again,

Welcome to the annual summer double issue of our DX MAGAZINE. Like in the past years you will find our normal monthly sections, some articles, and our annual "List of Members". I have also included Wolfgang Büschel's latest list "SWL / Media Programs in English, German & Spanish". I hope that you will enjoy this double edition and wish you a nice and sunny August and September.

And with this best wishes and good DX until October from

NEWS ABOUT BROADCASTING (+other) STATIONS

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

AFGHANISTAN - Weak/fair to good signal of R. Afghanistan External Service, August 17:
1534 & 1631 on 6100 YAK 100 kW / 125 deg to SoAs English/Urdu/Arabic & off at 1640
(Ivo Ivanov, QTH: Sofia, Bulgaria, dxldyg via DXLD)

AFGHANISTAN [non] - Frequency changes of IBB Radio Mashaal via Udorn Thani & Kuwait:
0400-0500 NF 15755 UD0 250 kW / 304 deg to WAs Pashto, ex 15760
0500-1300 NF 15755 KWT 250 kW / 078 deg to WAs Pashto, ex 15760
(Ivo Ivanov, Bulgaria, July 16, dxldyg via DXLD)

15359.984, UAE, US IBB Mashaal Radio via Al Dhabbaya relay, in Pashto language, S=9 strong in eastern Thailand SDR installation. This is one of four UAE transmitters, shows always string peaks only on lower sideband side. 0444 UT on July 17.

17879.962, THAILAND, R Azadi, R Free Afghanistan, in Pashto via RFE IBB BBG Udorn Thani bcast site in Thailand. S=5 poor signal in sidelobe short skip zone. 0425 UT on July 17.
(wb log 0400-0550 UT July 17, dxldyg via DXLD)

ANGOLA - 4949.733 Surprisingly powerful signal from Mulenvos at this 0428 UT time slot here in Europe, fast dance music, S=6-7 signal strength. Morning log at 0415 to 0530 UT on July 30 in southern Germany.
[selected SDR options, span 12.5 kHz RBW 15.3 Hertz] (wb df5sx, wwdxc BC-DX TopNews July 30)

4949.733 kHz, surprisingly powerful signal from Mulenvos at this 0428 UT time slot here in Europe, fast speed dance music, S=6-7 signal strength, and next door adjacent at other times of day / night: Srinagar low modulation from India Kashmir is exact 4949.995 kHz. [selected SDR options, span 12.5 kHz RBW 15.3 Hertz]
(wb df5sx, wwdxc BC-DX TopNews July 31)

ANTARCTICA - 15476, LRA 36, Radio Nacional Arcángel San Gabriel, Base Esperanza, 1950-2010, 16-08, songs,

female, comments, Very weak, barely audible, best on USB. 1532.

(Manuel Méndez, Lugo, Spain, Grundig Satellit 500, cable antenna, 8 meters, dxldyg via WOR 1892, DXLD)

ARMENIA - Upcoming frequency change of TWR India via Yerevan eff. August 13:

1245-1445 NF 9910 ERV 300 kW / 100 deg SAs various langs, ex 12055

(DX MIX NEWS #1021, August 7, 2017)

AUSTRALIA - An update on progress with 4KZ shortwave, proposed for 5055 kHz: Hi Craig, We have had to source a few inexpensive parts from overseas. They should be here soon. Unfortunately, new low power SW transmitters are rare in our part of the world. A new 1 kW SW shortwave is \$38k. Hopefully by this time next week. The antenna works fine.

(Al Kirton, 4KZ, 30/7/17, to Craig Seager, August Australian DX News via WOR 1889 via DXLD)

AUSTRIA (GERMANY) - DARC SPECIALS ON IARU REGION 1 SHORTWAVE CONFERENCE

<<http://www.arl.org/news/radio-darc-to-cover-iaru-region-1-general-conference-on-shortwave-this-fall>>

<<https://www.iaru-r1.org/index.php/general-conference/landshut-2017>>

<<https://iaru2017.org/>>

Preliminary Schedule: Sunday, September 17 through Friday, September 22, 2017:

1730-1800 UT: 13775/0E 300 kW for Africa

1730-1800 UT: 9790/0E 100 kW for Eastern Europe / Russia / Middle East

1800-1830 UT: 6070/0E 100 kW for Central, Northern, Southern Europe

1800-1830 UT: 9540/0E 100 kW for Western Europe

(A-DX)

BANGLADESH - 7250, at 1658-1700 UT. Bangladesh Betar. Twice heard station name by female followed by news in Bangla. SIO: 333.

4750, at 1700 UT. Bangladesh Bethar with different program from channel in 41 meters. Before the hour heard short interval signal followed by time pips and station name by man. Into news. SIO: 222, July 28.

(Zeljko Crncic, Germany, wwdxc BC-DX TopNews Aug 29, BC-DX Aug 6th)

R. Bangladesh Betar, 4750, 1433-1441, female and male announcers in Bengali, ID at 1435 and 1440. Commercial for Saudia Airlines. SINPO 44444

(Ed Sylvester, Riyadh, Sa'udi Arabia, 2 August, Rig: WJ-8711; Pixel Magnetic Loop with rotor, Up 30', dxldyg via DXLD)

[and non] I did get BB English news today by a female on 4750 at 1530-1540 followed by a news story by a male in EE about a new train service in Bangladesh, 1540-1545. CNR1 Hailar was stronger today with co-channel QRM. Two logs for the price of one! Rcvr was my KiwiSDR in Bay of Islands NZ (Bruce Churchill, CA)

BHUTAN - 6035, BBS (tentative), 1345-1400*, July 25. Noted definite open carrier, but unable to pull in any audio. Cut off time matches my positive BBS reception here on July 1, so believe it was again them with an extended broadcast.

Aug 2, with PBS Yunnan (China) going off at 1200*, after being in Chinese, with EZL song. No BBS today after PBS went off. So BBS is only on after 1200 erratically!

(Ron Howard, ocean-side at Pacific Grove, CA, Etón E1, antenna: 100' long wire, dxldyg via DXLD)

BOLIVIA [and non] - 5952.451, Radio Pio Doce (XII) - Siglo Veinte, still on air at 0155 UT on Aug 20 in Bolivian Spanish. AOKI Nagoya database says schedule till 0100 UT only instead. S=9+10dB signal noted in Germany tonight. And hit on lower sideband by IRIB Sirjan-Iran Tajik service program on 5950.006 kHz measured at 0150 UT on Aug 20, S=9+20dB signal strength in southern Germany. Some morning logs this Aug 20 at 0045 to 0200 UT, logged here in southern Germany Europe: [selected SDR options, span 12.5 kHz RBW 15.3 Hertz] (wb, df5sx, wwdxc BC-DX TopNews Aug 20)

BOLIVIA - 6135 R Santa Cruz, 2348 UT, W in extended SP talk, mention of Santa Cruz, brief fluta excerpt, possible anuncio by M, poor to fair 28 July. (Robert Wilkner-FL-USA, DXplorer July 30)

6025 RED PATRIA NUEVA. 08-13. 0300-0310 UT. Música y algunos avisos de identificación de la emisora. SINPO: 43443.

(Claudio Galaz; RX: TECSUN PL-660; ANT: Hilo de 60 metros de largo; QTH: Barraza Bajo, comuna de Ovalle, IV Región, Chile, condiglista yg via WOR 1888, DXLD)

- BRAZIL** - 3375.1, Brasil, Rádio Municipal São Gabriel da Cachoeira 1000 to 1015, om Portuguese with fading , seems to be back on regular schedule? 21 July.
(Robert Wilkner, Pómpano Beach, Florida, 746Pro, Drake R8, NRD 525, 90 meter dipole and other wire antennas, NASWA yg via DXLD)
- 4845.005, Probably ZYF278 Rádio Cultura Ondas Tropicais, Manaus AM, heard with BrasPort songs at 0117 UT on Aug 20. S=7 signal strength.
- 4864.623, Low modulated BrasPort program, presumably ZYG641 Radio Alvorada, Londrina PR, 0121 UT on Aug 20, strong S=8 carrier, but audio modulation around poor threshold level.
- 4875.251, RadioDif. Roraima, Boa Vista RR, at 0124 UT on Aug 20 heard "Radio Roraima", same signal strength like 4865v, but much much better modulation, BrasPort canções. Frequency unstable, wandered 3-4 Hertz continuously around up and down.
- 4885.021, ZYG362, Rádio Clube do Pará, Belém PA, adverts at 0126 UT on Aug 20, Brazilian songs. Excellent S=9+5dB signal here in southern Germany.
- 4925.207, ZYH282, Rádio Educação Rural, Tefé AM, this Aug 20 morning at 0137 UT, soft evangelical(?) song singer in BrasPortuguese.
- 5939.812, Voz Missionária, Camboriú SC, at 0148 UT on Aug 20, S=9+10dB excellent strong signal here in Germany from Santa Caterina. Talk on 'Madre'. Some morning logs this Aug 20 at 0045 to 0200 UT, logged here in southern Germany Europe: [selected SDR options, span 12.5 kHz RBW 15.3 Hertz] (Wolfgang Büschel, df5sx, wwdxc BC-DX TopNews Aug 20, dxldyg via DXLD)
- 5035 R. Educacao Rural, Coari AM, 2128-2138 UT, 21 July, cancoes; 25342.
- 5939,9 R. Voz Missionaria, Camboriu SC, 2108-2118 UT, 23 July, cancoes anuncios da estacao; 45444.
- 6010 R. Inconfidencia, Belo Horizonte MG, 2133-2148 UT, 25 July, prgr. A Hora do Fazendeiro; 25342.
- 15190, Radio Inconfidência, Belo Horizonte, 2000-2015, 28-07, Portuguese, comments, ID "...Rede Inconfidência de Rádio..., Belo Horizonte, Minas Gerais, Brasil", "A Hora do Fazendeiro, o programa mais antigo da rádio brasileira, apresenta Tina Gonçalves". 15321.
(Manuel Méndez, Lugo, Spain, Logs in Reinante, Tecsun PL-880, Sangean ATS-909X, cable antenna, 8 m, dxldyg via DXLD)
- Log 1830-2130 UT August 6th, here on remote SDR units in southern Germany and Liverpool England.
- 9514.971, ZYE726 "Radio Marumby onda média e onda curta", Curitiba PR
<<http://radioevangelismo.com>> 2130 UT on Aug 6, S=6 -88dBm
- 9530, non log, not on air. ZYE858 R. Transmundial, Santa Maria RS
- 9550.039, ZYE855 R. Boa Vontade, Porto Alegre RS
<<http://www.boavontade.com/radio>> S=4 at 2135 UT on Aug 6.
- 9564.938, ZYE727 SRDA Super R. Deus é Amor, Curitiba PR
<<http://www.superradiodeuseamor.com.br>> S=8 or -74dBm at 2123 UT.
- 9585, non log not on air. ZYE969 Super Radio Deus é Amor, São Paulo SP
- 9629.995, ZYE954 R. Aparecida, Aparecida SP
<<http://www.a12.com/radio-aparecida>> S)6-7 at 2120 UT.
- 9645, non log, not on air. ZYE957 R. Bandeirantes, São Paulo SP
- 9665, not observed, others on co-channel. not Rádio Voz Missionária.
- 9695, non log, not on air. ZYE254 R. Rio Mar, Manaus AM

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9725.433, ZYJ200 RB2 - Rádio Evangelizar, Curitiba PR
S=7-8 or -77dBm at 2117 UT.

9819.066variable, ZYR96 R. Nove de Julho, São Paulo SP
<<http://www.radio9dejulho.com.br>> S=7-81dBm at 2111 UT on Aug 6.

11734.969, ZYE858 R. Transmundial, Santa Maria RS
<<http://www.transmundial.org.br>> usual tiny S=4 -94dBm 1845 UT Aug 6.

11764.636, ZYE726 Super Rádio Deus é Amor, Curitiba PR
<<http://www.superradiodeuseamor.com.br>> S=6 or -85dBm at 1855 UT.

11815.026, ZYE440 R. Brasil Central, Goiânia GO
<<http://www.radiobrasilcentral.com.br>> poor S=4-5 or -93dBm at 1857 UT
hit covered by adjacent BSKSA Riyadh in Arabic language, powerhouse S=9+35dB on 11820.046 kHz.

11855.061, ZYE954 R. Aparecida, Aparecida SP
<<http://www.a12.com/radio-aparecida>> poor S=4-5 at 1900 UT on Aug 6.

11895.163, ZYE856 R. Boa Vontade, Porto Alegre RS
<<http://www.boavontade.com/radio>> S=4-5 at 2110 UT on Aug 6.

11934.929, ZYJ200 "Radio R-B Dois {RB2}, AM 14-30", Curitiba PR
<<http://radiorb2.com.br/>> poor tiny S=4-5 at 1910 UT on Aug 6.

[selected SDR options, span 12.5 kHz RBW 15.3 Hertz]
(wb, wwdxc BC-DX TopNews Aug 6)

BRAZIL [and non] - 6090 two signals noted here now: 6090 nearly even frequency or +1 Hz from Anguilla, prayer every Sunday, female prayer sermon at 0459 UT, S=9+5dB here in southern Germany, and also 6 Hertz lower sideband:

6089.994v, Portuguese, tentative Brazilian registered, ZYE956, R. Bandeirantes, São Paulo SP [isn't this inactive on all SW? --- gh] <<http://radiobandeirantes.band.uol.com.br/radioam.asp>> weak and tiny signal. Morning log at 0415 to 0530 UT on July 30 in southern Germany: [selected SDR options, span 12.5 kHz RBW 15.3 Hertz]
(wb, wwdxc BC-DX TopNews July 30 dxldyg via DXLD)

BULGARIA - Dimtse Radio Erena via SPC-NURTS Sofia Kostinbrod relay, August 4:

1700-1730 11965 S0F 50 kW 195 deg to Eaf Tigrinya Mo-Fr
1730-1800 11965 S0F 50 kW 195 deg to Eaf Arabic Mo-Fr
1700-1800 11965 S0F 50 kW 195 deg to Eaf Tigrinya Sa
1700-1800 11965 S0F 50 kW 195 deg to Eaf Arabic Su
(Ivo Ivanov-BUL, hcdx via wwdxc BC-DX TopNews Aug 4)

via SPC-NURTS Sofia Kostinbrod Bulgaria relay site, QSL via Spaceline Ltd., Sofia Bulgaria.

CEO Dimitar Todorov <lz1ax-at-mail.bg>

Ventislav Georgiev, Technical Manager, SpaceLine Ltd, BULGARIA

Updated schedule of various transmissions on 9400 and 2nd harmonic 18800 via SPL Secretbrod; 9400 100 kW:

0300-0315 / 126 deg to N/ME Arabic Dly Dardasha 7 BVBroadcasting
1500-1600 / 306 deg to WEu English Sat The Mighty KBC Radio
1500-1600 / 030 deg to EaEu Eng/Spa Sun From the Isle of Music
1600-1630 / 306 deg to WEu English Sat Shortwave Radiogram
1601-1700 / 306 deg to WEu English Sun VORW Radio International
1701-1800 / 090 deg to WeAs Persian Dly Bible Voice Broadcasting
1801-2028 / 195 deg to EaAf English Dly Brother HySTAIRical/TOM/
2030-2045 / 195 deg to EaAf Arabic Dly Dardasha 7 BVBroadcasting
(Ivo Ivanov, QTH: Sofia, Bulgaria, Equipment: Sony ICF-2001D 30 m. long wire, Aug 20-21, dxldyg via DXLD)

CHINA - CRI Urumqi 500 kW entries in A-17 season:

11650	0100	0200	41W	URU	500	212	216	Chn	CHN	CRI	RTC
15435	0300	0400	30,31S,40E	URU	500	270	218	Rus	CHN	CRI	RTC
15665	0400	0500	29,30	URU	500	308	216	Rus	CHN	CRI	RTC

15665	0500	0600	29, 30	URU	500	308	216	Rus	CHN	CRI	RTC
17615	0500	0700	28NW	URU	500	308	288	Deu	CHN	CRI	RTC
15665	0800	0900	29, 30	URU	500	308	216	Rus	CHN	CRI	RTC
15525	0900	1100	41W	URU	500	212	216	Chn	CHN	CRI	RTC
15665	0900	1000	29, 30	URU	500	308	216	Rus	CHN	CRI	RTC
17570	0900	1000	18, 27-29	URU	500	308	288	Eng	CHN	CRI	RTC
11650	1100	1300	41W	URU	500	212	216	Eng	CHN	CRI	RTC
13575	1200	1300	29, 30	URU	500	308	216	Rus	CHN	CRI	RTC
15110	1200	1300	30, 31S, 40E	URU	500	270	218	Chn	CHN	CRI	RTC
17630	1200	1300	18, 27-29	URU	500	308	216	Eng	CHN	CRI	RTC
11675	1300	1400	41W	URU	500	212	216	Hin	CHN	CRI	RTC
13650	1300	1400	30, 31S, 40E	URU	500	270	218	Chn	CHN	CRI	RTC
17630	1300	1400	18, 27-29	URU	500	308	216	Eng	CHN	CRI	RTC
11675	1400	1500	41W	URU	500	212	216	Eng	CHN	CRI	RTC
11765	1400	1500	41W	URU	500	212	216	Eng	CHN	CRI	RTC
11815	1400	1500	30S, 31S, 40E	URU	500	270	216	Eng	CHN	CRI	RTC
12025	1400	1500	30, 31S, 40E	URU	500	270	218	Chn	CHN	CRI	RTC
17630	1400	1500	18, 27-29	URU	500	308	216	Eng	CHN	CRI	RTC
7225	1500	1600	41W	URU	500	212	216	Hin	CHN	CRI	RTC
7395	1500	1600	41W	URU	500	212	216	Eng	CHN	CRI	RTC
9570	1500	1530	40	URU	500	270	216	Fas	CHN	CRI	RTC
9720	1500	1600	38, 39N, 40W, 47N	URU	500	270	216	Eng	CHN	CRI	RTC
11790	1500	1600	18, 27-29	URU	500	308	216	Rus	CHN	CRI	RTC
9570	1530	1600	40E	URU	500	270	216	Pus	CHN	CRI	RTC
6165	1600	1700	39NW	URU	500	270	216	Tur	CHN	CRI	RTC
9770	1600	1700	53S, 57N	URU	500	212	216	Hak	CHN	CRI	RTC
11875	1600	1700	29, 30	URU	500	308	216	Rus	CHN	CRI	RTC
15250	1600	1700	38, 39N, 40W, 47N	URU	500	270	218	Eng	CHN	CRI	RTC
9435	1700	1800	53S, 57N	URU	500	212	216	Yue	CHN	CRI	RTC
11875	1700	1800	29, 30	URU	500	308	216	Rus	CHN	CRI	RTC
13640	1700	1800	29, 30	URU	500	308	216	Rus	CHN	CRI	RTC
7275	1730	1830	38, 39N, 40W, 47N	URU	500	270	216	Chn	CHN	CRI	RTC
9685	1730	1830	18, 27-29	URU	500	308	218	Chn	CHN	CRI	RTC
7210	1800	1900	29, 30	URU	500	308	216	Rus	CHN	CRI	RTC
11650	1800	2000	28NW	URU	500	308	288	Deu	CHN	CRI	RTC
13700	1800	1900	27SE	URU	500	308	216	Nan	CHN	CRI	RTC
7265	1830	1900	28SE	URU	500	308	218	Bul	CHN	CRI	RTC
7350	1830	2030	46	URU	500	270	216	Fra	CHN	CRI	RTC
6090	1900	1930	28E	URU	500	308	216	Ron	CHN	CRI	RTC
7415	1900	1930	28NW	URU	500	308	218	Ces	CHN	CRI	RTC
9560	1900	1930	28N	URU	500	308	216	Hun	CHN	CRI	RTC
6090	1930	2000	28E	URU	500	308	216	Ron	CHN	CRI	RTC
7265	1930	2030	18, 27-29	URU	500	308	216	Epo	CHN	CRI	RTC
7415	1930	2000	28NW	URU	500	308	218	Ces	CHN	CRI	RTC
9745	1930	2030	18, 27-29	URU	500	308	216	Epo	CHN	CRI	RTC
7305	2000	2100	28N	URU	500	308	218	Pol	CHN	CRI	RTC
7325	2000	2030	28SE	URU	500	308	216	Srp	CHN	CRI	RTC
7265	2030	2130	28SW	URU	500	308	216	Ita	CHN	CRI	RTC
9720	2030	2100	28SE	URU	500	308	216	Bul	CHN	CRI	RTC
9430	2030	2230	27SE	URU	500	308	216	Fra	CHN	CRI	RTC
7445	2130	2200	28N	URU	500	308	216	Hun	CHN	CRI	RTC
7250	2200	2400	37NW	URU	500	308	216	Spa	CHN	CRI	RTC
7260	2200	2300	37NW	URU	500	308	218	Por	CHN	CRI	RTC
7395	2200	2300	38, 39N, 40W, 47N	URU	500	270	216	Chn	CHN	CRI	RTC
9865	2300	2400	18, 27-29	URU	500	308	218	Chn	CHN	CRI	RTC

(wb - July 20)

China National Radio-17 reactivates its long time inactive QRG 11630 kHz:

2355-1805 on 11630 LIN 100 kW / 286 deg to EAs Kazakh, plus summer A17 co-channels
 1015-1600 on 11630 KBD 250 kW / 230 deg to CAf Ar/HQ R.Kuwait, inactive at present
 1427-1457 on 11630 SMG 250 kW / 089 deg to SAs Urdu Radio Veritas Asia very strong
 1600-1700 on 11630 LAM 100 kW / 075 deg to CAs Tibetan Voice of America and CNR-1
 (Ivo Ivanov, Bulgaria, Aug 4, dxldyg via WOR 1890, DXLD)

6035, PBS Yunnan (Voice of Shangri-la), 1212-1241, Aug 15. Running well past their normal 1200*; EZL instrumental music of hit songs ("Bridge Over Troubled Water," etc.); still on when tuned out at 1241. No BBS/Bhutan heard today.

7270, PBS Nei Menggu, // to spur on 7266, at 1225, Aug 13. First noted an UNID carrier on 7266 back on March 19, but never heard any audio there till today, when it was clearly //.
(Ron Howard, Asilomar State Beach, CA, Etón E1, antenna: 100' long wire, dxldyg via DXLD)

6035, PBS Yunnan (Voice of Shangri-la), 1200-1201*, Aug 20. ToH ends their regular programming; start of their EZL filler music till suddenly off. No BBS/Bhutan today.

6155, CNR2/China Business Radio, 1212-1232, Aug 20. The often heard, popular variety show "Haiyang Live"; mostly comedy with a lot of canned laughter, but also pop songs; in Chinese, except for a brief segment in English ("As many of you prepare to take the National Higher Education Entrance Examination, I wish you success in your endeavors . . . Whether you aim to be a doctor, teacher, scientist, musician, engineer or writer . . . You are the next generation of leaders for generations to come."); // 6065 // 7315.

The examination is given throughout China to high school students to determine which university they can attend. A tremendous amount of pressure on the students to do well, as it greatly affects their future. Will always remember some years ago, I was in Shanghai during the day of the exam. Needed to take a taxi someplace, which are normally very easy to find, as there are so many of them in the city, but that day all the taxis were occupied by students. Later found out that almost all the taxis in the city had been reserved to take students to the exam.

7148-USB (ex: 7118-USB), VC01 (Chinese Military numbers station), on Aug 20, heard at 1138, 1152, 1241 and 1259, with numbers in Chinese; fair reception. Seems they now like the ham band!
(Ron Howard, Asilomar State Beach, CA, Etón E1, antenna: 100' long wire, dxldyg via WOR 1892, DXLD)

COLOMBIA - 5910.351, Nice fair signal from Alcaraván in Colombia this 0440 UT, S=8-9 here across Atlantic into southern Germany. Enjoyed nice Latin American music selection, fast music speed. Morning log at 0415 to 0530 UT on July 30 in southern Germany: [selected SDR options, span 12.5 kHz RBW 15.3 Hertz]
(wb, wwdxc BC-DX TopNews July 30, dxldyg via DXLD)

6010, R. LA VOZ DE TU CONCIENCIA. Julio 18. 0540-0555 UT. Música de vallenatos, luego coros de góspel y canciones de mambo, rock and roll y vallenato. A las 0555, se identifica como: "La Voz de tu Conciencia" SINPO 45444.
(Claudio Galaz; RX: TECSUN PL-660; ANT: Hilo de 60 metros de largo; QTH: Barraza Bajo, comuna de Ovalle, IV Región, Chile, condiglista yg via WOR 1888, DXLD)

CONGO - 6115, Radio Congo, Brazzaville, 1816-1825, 18-08, French, comments. 14321. Also 1807-1828*, 19-08, French, comments, male, female, ID "Radio Congo", songs. 14321.
(Manuel Méndez, Lugo, Spain, Logs in Reinante, Tecsun PL-880, cable antenna, 8 meters, dxldyg via DXLD)

CUBA - 6000even, RHC Quivicán outlet aligned back to even fq, was 2-3 Hz down side in past weeks. Heard in remote SDR MI-US, central FL-US units. English program, Rumba rhythmic dance music and female singer in progress at 0551 UT. // 5940, 6060, 6100, and 6145 kHz all Bauta too. But still strong carrier on 6000 kHz of S=9+30dB at 0552 UT, and low modulation level though, and also distorted small range audio signal, NOT CLEAN!

Best audio heard on 6100 kHz Bauta unit S=9+20dB, 6060 also little distorted audio at powerhouse S=9+30dB, 6145 kHz azimuth towards W USA/CA, at S=9+10dB signal. 5040even, RHC Bauta in English too, history calendar read at 0620 UT S=9+20dB strength in Detroit-MI-US remote SDR. English newsdesk at 0601-0602 UT, then 2 minutes empty carrier on air, and TX cut off at 0605 UT. [selected SDR options, span 12.5 kHz RBW 15.3 Hertz]
(wb, Some morning logs this August 22nd at 0500 to 0636 UT)

EQUATORIAL GUINEA - Ueberraschung auf 6250 kHz, da sind wohl wieder chinesische Techniker auf Afrikatour. Talk in Spanisch, um 1902 UT dann ID und weiter in Lokalsprache. Um 1945 UT gab's Nx in Franzoesisch. Das Signal ist recht gut, nur leidet der Empfang unter dem innerkoreanischen Radiokrieg.
(Patrick Robic-AUT, A-DX July 26, via BC-DX 28 July)

Was inactive some 6 years. (we)

6250, Radio Malabo, Malabo, 0455-0545, 27-07, after being reported by several colleagues, heard in Reinante, Lugo, Spanish, program "Panorama Nacional", "saludaremos a los que cumplen años", African songs. news and comments, ID "Radio Nacional", "Hoy es jueves, nos acercamos al fin de semana", "Informamos para Radio Nacional", "Si Vd. quiere viajar a la ciudad de Bata...", "Desde los estudios centrales de Radio Malabo, en la ciudad de Malabo, "Compañeros de la Radio Nacional de Guinea Ecuatorial..., saludos a nuestros oyentes", "Radio Nacional, Radio Malabo

en la onda corta, continuamos con Panorama Nacional". Clear signal. 25322.
(Manuel Méndez, Lugo, Spain, Log in Reinante, Tecsun PL-880, cable antenna, 8 meters, dxldyg via DXLD)

ERITREA [and non] - Morning log 0440z to 0515z August 11, in Doha Qatar Middle East remote Perseus SDR unit, morning fade-out time:

5940even, new ERI R Asmara sce S=5-6 signal, weak at 0450 and 0511 UT.

5949.999, ETH, Voice of Tigre Revol, Tigre, Gedja S=7 level, fade-out time

6030.003, ETH, Radio Oromiya Gedja, probably Afar lang sce, S=7 signal

6089.996, ETH, Radio Amhara, at 0446 UT Aug 11, S=7 signal.

6109.999, ETH, Radio Fana Gedja, Amharic, S=7 at 0444 UT on Aug 11.

7119.999, Somalia Radio Hargeysa S=8 signal.

7140.028, Eritrea R Asmara, played Horn of Africa typical music at 0455 UT S=8-9 signal strength. Plus another AM carrier on 7140.021 kHz of S=6-7 strength, latter low modulated or even audio not existent.

JAMMING WHITE NOISE digital noise type from Ethiopia secret service in 7171 to 7189 kHz block range, meant against:

7181.555, center frequency of Eritrea Radio Asmara service, S=8-9 signal strength in Doha Qatar. 0504 + 0512 UT.

7205.002, Sudan Radio Omdurman local music at S=9 signal level. 0515 UT on Aug 11. 73 wolfgang df5sx [selected SDR options, span 12.5 kHz RBW 15.3 Hertz] (wb, wwdxc BC-DX TopNews Aug 11)

7140.028, Eritrea, R Asmara, wandered downwards, noted now 7140.020 kHz frequency at 0550 UT Aug 11, still S=7 signal in Doha Qatar.

7181.555, still on that frequency, S=8 - a little stronger signal than 7140.020, also Eritrea R Asmara. NO WHITE NOISE JAMMING BLOCK from Ethiopia anymore at this time.

7205.002, much low modulation of S=7 signal strength during daytime path, from R Omdurman Sudan at 0554 UT. (wb, 0600 UT Aug 11)

ETHIOPIA - UNID 5940 kHz. Ethiopian Somali Regional State Radio Jijiga. "Radio Deegaanka Soomaalida Itoobiya".

I believe the so-far-unidentified station on 5940 kHz is now identified as the official station of the Ethiopian Somali Regional State (though we are not 100% sure about the ID), thanks to Jari Savolainen's research last night. Here you'll find some pictures of the transmitter and its inauguration:

<<http://degaanka2.rssing.com/browser.php?indx=60570855&item=50532>>

In this file the last four words are likely the ID: <<http://www.muenster.org/uwz/ms-alt/africalist/5940-fusion.wav>>
Broadcast times are approx. 0400-0510, 1300-1500, 1810-2000 UT - all a bit variable. There seem to be daily newscasts at 1910v UT. The rest of the programme consists mainly of long musical sections and occasional interviews / correspondents reports by phone. It all sounds a bit provisional - no jingles, no IDs at sign-on or sign-off or other regular features.

(Thorsten Hallmann-D, dxld / A-DX 21/22)

GERMANY - Reception of HLR relays on 9485-CUSB, July 16:

Hamburger Lokalradio	0900-1000	on 9485	G0H 001	kW / 230 deg	to CEu German	Su
PCJ Media Network Plus	1000-1030	on 9485	G0H 001	kW / 230 deg	to CEu English	Su
World of Radio#1886	1030-1100	on 9485	G0H 001	kW / 230 deg	to CEu English	Su
Radio Tropicana	1100-1200	on 9485	G0H 001	kW / 230 deg	to CEu Spanish	Su

(Ivo Ivanov, Bulgaria, dxldyg via DXLD)

Since July the 1st of the prgrs of Jack van Impe Ministries in En via BVB via Media Bc ceased and there are some minor changes in the schedule of BVB:

Saturdays 0700-0730 on 5945 West European Sce of BVB ceased;

1800-1830 on 15215 M East Sce is playing only songs;
 Sundays Word of Truth Ministries moving to 1800 h
 and now on 6130 bc time is 1730-1830 only (ex 1730-1900).
 BTW IRRS on 9510 Sundays at 1100-1130 is also only with mx prgr (ex J van I Min-s prgr in En).
 (Rumen Pankov-BUL, via WWDXC BC-DX TopNews August 11).

New shortwave station about to commence broadcasting. New legal Shortwave Radio Service which will commence test transmissions. This station is fully licenced and is not a pirate. Full details will be announced by the station operators shortly prior to the launch of full programming. The signal will be audible throughout most of Benelux/UK/Ireland. Test period: August 1 - October 28 (29). Test transmissions details [max 1 kW / deg unknown]:

1000-1200 on 6160 tx Lower Saxony, Germany to NWEu English Mon-Sa
 1200-1400 on 3975 tx Lower Saxony, Germany to NWEu English Mon-Sa
 1400-1600 on 6160 tx Lower Saxony, Germany to NWEu English Mon-Sa
 1600-1800 on 3975 tx Lower Saxony, Germany to NWEu English Mon-Sa
 1800-2000 on 6160 tx Lower Saxony, Germany to NWEu English Mon-Sa
 2000-2200 on 3975 tx Lower Saxony, Germany to NWEu English Mon-Sa

Further info will follow soon. Contact/reports/audio/comments can be sent either to:

<3975@shortwaveradio.de> and <6160@shortwaveradio.de>; Domaininhaber ist Christian Senne DO1INT - sicher einigen bekannt durch die Publikationsreihe über Amateurfunk in der DDR sowie über den "Freiheitssender 904"... (siehe auch <<http://www.radiohistory.de>>). (via A-DX)

*Output max 1 kW / deg unknown; 3975 not yet on air (Aug 16) (we)
 Transmitter located in Winsen (Luhe) according to HFCC (mb)*

Updated summer A-17 SW schedule of DWD Deutscher Wetterdienst:

0600-0630 on 6180 PIN 010 kW / non-dir to CEu German in AM mode
 1200-1230 on 6180 PIN 010 kW / non-dir to CEu German in AM mode
 1600-1630 on 6180 PIN 010 kW / non-dir to CEu German in AM mode
 2000-2015 on 6180 PIN 010 kW / non-dir to CEu German in AM mode
 2015-2030 on 6180 PIN 010 kW / non-dir to CEu German in AM mode
 (Ivo Ivanov, Bulgaria, dxldyg via WOR 1892, DXLD) Alt: 5905 (we)

GERMANY [non] -21780, 1600-1630, Deutsche Welle via Ascension. Good signal with deep fades. News program in English for Africa. Good to hear some activity on 13 meters.
 (Nick B., Nottingham/UK, Tecsun PL-880 + ALA1530, Hard-Core-DX mailing list via DXLD)

Changes of Deutsche Welle:

1300-1400 on 21780 UAE 250 kW / 260 deg Waf Hausa Daily, ex MDG
 1325-1530 on 15195 F 500 kW / 170 deg Waf Hausa Sa*, no change
 1325-1530 NF 17840 F 250 kW / 065 deg Waf Hausa Sa*, x 15355 F

*DW Bundesliga Football Aug 19/26, Sept 9/16/23/20, Oct 14/21, 2017

(Ivo Ivanov, Bulgaria, dxldyg via DXLD)

GREECE - Their First Home Sce in Greek was confirmed as follows:

on Aug 5 at 2345 & on Aug 6 at 0040 on 9420, MW 729, 1008, 1404;
 on Aug 7 at 2345 & on Aug 8 at 0400-0700 on 9935, MW729, 1008, 1404.
 (Rumen Pankov-BUL via WWDXC BC-DX TopNews August 11).

Reception of Voice of Greece on 9420 kHz and 9935 kHz, August 17-18:

1800-0900 9420 AVL 170 kW / 323 deg WEu Greek*tx#3, & off air at 0930
 from 1800 9935 AVL 100 kW / 285 deg WEu Greek tx#1, no signal Aug.18!
 (Ivo Ivanov, Sofia, Aug 17-18, DX LISTENING DIGEST)

GUAM - "... KTWR reaches its 40th anniversary of broadcasting on September 5 this year. I don't think that we will be doing any special broadcasts, but we do have 40th anniversary QSL cards designed. The printed cards should arrive soon. Please let your DX club members know in case they want to collect this special event card. If we do any special broadcasts, I will let you know. It would likely be a DRM transmission." <<http://www.twr.asia/about/guam>>
 Posted by: (Mike Terry, dxldyg via WOR 1890, DXLD)

INDIA - Various AIR afternoon/night services in 1535 to 1550 UT time slot on July 29, in 60mb:

4759.998 Tiny poor tentat. AIR bcast, S=4 at 1537 UT.
 4799.995 AIR Hyderabad Telengana with English (not Hindi)

newscast at 1538 UT, S=9+15dB signal.
 4809.996 AIR Bhopal Madhya Pradesh, also AIR En S=9+20dB stronger !
 // 4800 4810 4835 4910 kHz. 1539 UT.
 4835even AIR Gangtok, NARROW MUFFLED AUDIO, only 2.2 kHz small band, and also some
 100 Hertz distance apart peaks visible. S=8,
 Pakistan Prime Minister case at 1543 UT.
 4910.002 AIR Jaipur, Rajasthan, at 1549 UT Northern sce, low S=7-8.
 4949.995 AIR Radio Kashmir, Srinagar, Jammu and Kashmir, LOW MODULATION at 1553 UT,
 S=6 disappointing weak
 4970.015 AIR Shillong, Mawgrong, Meghalaya, excellent strong
 S=9+10dB signal noted, local subcontinental singer at 1557 UT.
 [selected SDR options, span 12.5 kHz RBW 15.3 Hertz]
 (wb, wwdxc BC-DX TopNews July 29)

All India Radio on SW in frequency order (Home & External Services) A-17:

kHz	kW	Station	State	Local Language	Zone	UTC (Target Area)
4760	7	Leh	Jammu & Kashmir	Ladaki	N	s0130/ w0213-0430 1130-1630
4760	4	Port Blair	Andaman & Nicobar	Hindi	S	2355-0300 1030-1700 (Sa, Su 1730)
4800	50	Hyderabad	Telangana	Telugu	S	0020-0215 1130-1744
4810	50	Bhopal	Madhya Pradesh	Hindi	W	0025-0215 1130-1742
4835	10	Gangtok	Sikkim	Sikkimese	NE	0100-0500 1030-1700 (Irregular)
4870	100	Delhi (Kingsway)	Delhi	Nepali	N	0230-0330, 1330-1415 Nepali (Nepal), 1430-1530
4895	50	Kurseong	West Bengal	Nepalese	E	0055-0400(Sa Su 0430) 1130-1700 (Sa, Su 1741) (Off Air)
4910	50	Jaipur	Rajasthan	Hindi	N	0025 0430 (Su 0530) 1130-1741
4920	50	Chennai	Tamilnadu	Tamil	S	0015-0245 1200-1739
4950	50	Srinagar	Jammu & Kashmir	Kashmiri	N	s0030/w0100-0215 1120-1743 (2115v-2215v) for Ramzan Special broadcasts) (Irregular)
4970	50	Shillong	Meghalaya	Hindi/English	NE	0025-0400 1056-1741
5010	50	Thiruvananthapuram	Kerala	Malayalam	S	0020-0205 1130-1745 (Irregular)
5040	50	Jeypore	Odisha	Odiya	E	0025-0436, 0700-0915, 1130-1741
5050	10	Aizawl	Mizoram	Mizo	NE	0025-0400 1130-1630 (Off Air)

(Jose Jacob-IND VU2JOS <<http://www.qsl.net/vu2jos/>> 25 May 2017)

Normally I find all the regional AIR stations switch over to the New Delhi audio feed at 1512 UT; commercial announcements in Hindi 1512-1515; followed by the news in Hindi 1515-1530, followed with news in English 1530-1545; all this via Delhi audio feed. btw - Both 4895 kHz (AIR Kurseong) & 5050 kHz (AIR Aizawl), continue silent through Aug 2. (Ron Howard-CA-USA, wwdxc BC-DX TopNews Aug 3)

INDIA [SIKKIM] - 4835, AIR Gangtok. July 26, actually had some audio today 1302-1314. Slightly above threshold level audio; my local sunrise today was at 1309 UT, while sunset at Gangtok was 1257 UT, so very nice grayline reception. Not heard every day. The SWLer in me still misses ABC Alice Springs NT (Tony Delroy's "Nightlife" show, etc.), but the DXer in me is very happy to be able to hear Gangtok in the clear!
 (Ron Howard, oceanside at Pacific Grove, CA, Etón E1, antenna: 100' long wire, dxldyg via WOR 1889, DXLD)

JAPAN [and non] - Reception of JSR Shiokaze Sea Breeze on July 13:

1600-1700 on 6090*YAM 300 kW / 280 deg NEAs English Thu
 * co-ch same 6090 GEM 100 kW / 172 deg EAs Chinese CNR-2 till 1605
 * co-ch same 6090 GDR 100 kW / non-dir to EAF Amharic Radio Amhara
 (Ivo Ivanov, Bulgaria, dxldyg via DXLD)

KOREA SOUTH [non] - 9100 VoHope 1308+ UT on 18 July. This frequency is apparently unjammed unlike // 5995 / 6350 kHz (both mostly crunched by the 'juce jammer') former VoH frequency 4885 kHz now has "Radio Broadcasting Guide" looping every hour [thanks to Chris Kadlec, Amano-san, & Ron Howard all via the radio.chobi site for the info]. (Dan Sheedy-CA-USA, via Rob Wilkner-FL-USA, DXplorer July 29)

KOREA SOUTH - Additional 2 frequencies of KBS World Radio registered on August 16

1400-1600 NF9785 / 9835 KIM 250 kW 264 deg to SoAS English, to replace 9880* kHz.
 * 15-16 UT co-ch QRM, 9880 XIA 500 kW 292 deg to CeAS Russian, China Radio International.
 (Ivo Ivanov-BUL, hcdx via wwdxc BC-DX TopNews Aug 17)

On July 17: Echo of Hope - VOH, at 1138: 3985 // 5995 // 6250 // 6350, but found 9100 clearly off the air which is rare for them to be silent; leaving frequency clear for faint SOH (Taiwan) reception, which is normally heard far underneath VOH. At the same time, VOH on 4885, as usual, with program "Radio Broadcasting Guide," in Korean and not // to the other frequencies.

6250, Echo of Hope, Seoul, 1810-1840, 01-08 Korean, comments, songs. Strong jamming on this frequency. 21321. Nothing from Malabo in the last days.

(Manuel Méndez, Lugo, Spain, Logs in Lugo, dxldyg via DXLD)

6135, Voice of Freedom (ex 5920). Aug 4, still heard here with the usual white noise jamming, but today VOF with about the best ever reception at 1021 and subsequent checking till 1237.

(Ron Howard, San Francisco, at Ocean Beach, CA, Etón E1, antenna: 100' long wire, dxldyg via WOR 1887, DXLD)

New unregistered frequency for Voice of Freedom:

0300-0800 NF 6045 HWA 010 kW / non-dir to NEAs Korean, ex 6135

0900-1500 NF 6045 HWA 010 kW / non-dir to NEAs Korean, ex 6135

1600-2000 NF 6045 HWA 010 kW / non-dir to NEAs Korean, ex 6135

2100-0200 NF 6045 HWA 010 kW / non-dir to NEAs Korean, ex 6135

(Ivo Ivanov, QTH: Sofia, Bulgaria, Equipment: Sony ICF-2001D 30 m. long wire, dxldyg via WOR 1892, DXLD)

KUWAIT - 15540, R Kuwait, English with pop music into English translation of the Kor'an at 1906 with discussion of what the Kor'an requires of us. Personally, I don't take orders from books, but I guess that is just me. ;) 3+54+44, 1855-1915 8/Jul, SPR-4 + randomwire.

(Kenneth Vito Zichi, Port Hope MI, MARE Tipsheet 14 July via DXLD) AM

Summer A-17 temporarily schedule of Radio Kuwait, July 20:

0500-0900 on 15515 KBD 250 kW / 059 deg to EAs Arabic General Service

0800-1000 on 7250 KBD 250 kW / non-dir to WAs Persian

1600-1800 on 15540 KBD 250 kW / 100 deg to SAs Urdu

1700-2000 on 13650 KBD 250 kW / 350 deg to ENAm Arabic GScE DRM, ex AM

[350 degrees from Kuwait is to western NAm, not eastern --- gh]

1800-2100 on 15540 KBD 250 kW / 310 deg to WEu English DRM mode, ex AM

All other registered frequencies of R Kuwait are inactive at present:

0200-0745 on 5960 KBD 250 kW / non-dir to N/ME Arabic General Service

1000-1200 on 21580 KBD 250 kW / 084 deg to SEAs Filipino

1015-1600 on 11630 KBD 250 kW / 230 deg to CAf Arabic Holy Qur'an Sce

1100-1600 on 9750 KBD 250 kW / 286 deg to NEAf Arabic General Service

1215-1545 on 21540 KBD 250 kW / 310 deg to WEu Arabic General Service

1615-2100 on 6050 KBD 250 kW / non-dir to N/ME Arabic General Service

2015-2400 on 17550 KBD 250 kW / 350 deg to ENAm Arabic General Service

[350 degrees from Kuwait is to western NAm, not eastern --- gh]

(Ivo Ivanov, QTH: Sofia, Bulgaria, dxldyg via DXLD)

HFCC A-17 registrations:

5960	0200	0900	39,40	KBD	250	0	0	935	Ara	KWT	RKW	MOI
6050	1600	2100	39,40	KBD	250	0	0	935	Ara	KWT	RKW	MOI
7250	0800	1000	39,40	KBD	250	0	0	935	Fas	KWT	RKW	MOI <<<<
9750	1100	1600	37,38	KBD	250	286	0	210	Ara	KWT	RKW	MOI
11630	0930	1600	52,47-48	KBD	250	230	12	207	Ara	KWT	RKW	MOI
13650	1700	2000	6,7,8	KBD	250	350	0	216	Ara	KWT	RKW	MOI <<<<
15515	0500	0900	43,45	KBD	250	59	0	216	Ara	KWT	RKW	MOI <<<<
15540	1600	1800	41	KBD	250	100	-10	217	Urd	KWT	RKW	MOI
15540	1800	2100	27,28	KBD	250	310	9	211	Eng	KWT	RKW	MOI
17550	2000	2400	6,7	KBD	250	350	0	216	Ara	KWT	RKW	MOI
21540	0945	1730	27,28	KBD	250	310	9	211	Ara	KWT	RKW	MOI
21580	1000	1200	50	KBD	250	84	0	216	Fil	KWT	RKW	MOI

(wb)

MADAGASCAR - 11610, World Christian Radio at 2134 in Mandarin with an English language lesson talking about "A pick pocket stole \$50 from me" among other phrases - Very Good Jul 17.

11790, World Christian Radio (KNLS) at 2158 in Mandarin with IS and opening music at 2200 with a man with ID and then a Lionel Ritchie song - Very Good Jul 17 Coady-ON - Another mistake as this was supposed to be the Egyptian Arabic hour. It has happened before.

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

Reception of World Christian Broadcast/Madagascar World Voice, August 10:

1800-1900 on 9570 MWV 100 kW / 355 deg to EEU Russian tx#1 KNLS, New Life Station

1800-1900 on 17640 MWV 100 kW / 310 deg to WAF English tx#2 African Pathways Radio

1900-2000 on 9820* MWV 100 kW / 355 deg to EEU Russian tx#2 KNLS, New Life Station

* het from 9819.1 SA5 010 kW / non-dir to BRA Portuguese Radio 9 de Julho

(DX MIX 1022)

MALI - 5995, Radio Mali, Bamako, 1935-1945, 03-08, French, comments, mentioned "Mali, Bamako", "L'Assemblée Nationale". Good and clear signal today. 34433.

5995, Radio Mali, Bamako, 0555-0720, 06-08, non stop African songs, at 0632 vernacular, comments. 24322.

9635, Radio Mali, Bamako, 1750-1759*, 05-08, African songs, vernacular, comments, tuning music, close. 23322. Also *0759-0840, 06-08, tuning music, French, ID "Vous écoutez la Radiodiffusion Télévision du Mali émettant de Bamako", religious program "La bonne nouvelle", "un programme de l'Église évangélique", vernacular, at 0830 African songs. 24322.

(Manuel Méndez, Lugo, Spain, Logs in Reinante, Tecsun PL-880, Sangean ATS-909X, cable antenna, 8 m dxldyg via DXLD)

MOLDOVA - Trans World Radio Africa via BaBcoCk Grigoriopol on August 7:

1800-1845 on 9940 KCH 300 kW / 157 deg to EAF Tigrinya Mon-Thu, strong

1815-1845 on 9940 KCH 300 kW / 157 deg to EAF Tigrinya Fri

1800-1830 on 9940 KCH 300 kW / 157 deg to EAF Tigre Sat

1800-1830 on 9940 KCH 300 kW / 157 deg to EAF Kunama Sun

1830-1900 on 9940 KCH 300 kW / 157 deg to EAF Tigrinya Sun

(DX MIX 1022)

MONGOLIA - *reactivated 4895 kHz*. Mongolian Radio 2 (presumed), at 1246 UT on Aug 10 and again Aug 11 at 1131 UT, through subsequent checking till 1350 UT; heard only an open carrier; unable to detect any modulation/audio at my QTH.

Thanks to feedback from Dave Valko and Hiroyuki Komatsubara-JPN, who were also hearing this, but they had faint audio that indicated Mongolia and not India. Mongolia not on their other frequency of 4830; while 7260 is now being reported with a het from a third station, which might also be Mongolia (plus China & Vanuatu). Needs more monitoring! (Ron Howard-CA-USA, DXplorer via wwdxc BC-DX TopNews Aug 11)

MYANMAR - 5985, Myanmar Radio. August 16, with special live coverage of the Southeast Asian Games soccer/football match with Myanmar vs Laos; pregame intro at 1240, with playing of the National Anthems of both countries; 1245 start of coverage of the game (TV audio feed); fair.

(Ron Howard, Asilomar State Beach, CA, Etón E1, antenna: 100' long wire, dxldyg via DX LISTENING DIGEST)

5985, Myanmar Radio, Yangoon Yegu, on Aug 20 at 0050 UT and still going at 0104 UT. S=9+5dB signal in India. Local music/singer heard at 0058 UT. Myanmar Radio heard on SDR remote unit at New Delhi, India.

5914.989, Myanmar Radio from new capital Nay Pyi Taw site, in vernacular S=6 fair signal at 0045 UT [Aug 20] [selected SDR options, span 12.5 kHz RBW 15.3 Hertz] (wb, df5sx, wwdxc BC-DX TopNews Aug 20)

5915, Myanmar Radio, at 1308, on Aug 20, found a greatly improved reception of this station, that until today had recently been QRMed by the North Korea jamming of 5920 (against Voice of Freedom, which sometimes used that frequency); usual QRM from CRI (Russian) on 5915.

(Ron Howard, San Francisco, at Ocean Beach, CA, Etón E1, antenna: 100' long wire, dxldyg via DXLD)

NEW ZEALAND - 13840, Again very good reception S5 to S7 from 0200 GMT August 21 with RNZI relay of BBCWS for thirty minutes of news. Tonight with commentary on collision of USS John S McCain with merchant ship, opinion from a former US diplomat on DPRK's reaction to US-South Korea war exercises being just strong talk and without actual war being imminent.

Hearing BBCWS again via SW through satellite link to Wellington, then digital to Rangitaiki, then across the Pacific to eastern US is really good stuff. Brings back memories of several hours nightly of BBCWS on 5975 from Antigua. Adrian Sainsbury and the RNZI staff are to be commended for their work providing SW service to the Pacific and areas far beyond. (Richard Howard, Burnsville, Yancey county, North Carolina, NRD-545, long wire on azimuth 100-280, WOR 1892, DXLD)

OMAN - Updated summer A-17 shortwave schedule of Radio Sultanate of Oman:

0000-0200 9500 THU 100 kW / 315 deg WEu Arabic
 0200-0300 9540 THU 100 kW / 220 deg Eaf Arabic
 0300-0400 9540 THU 100 kW / 220 deg Eaf English
 0400-1000 13600 THU 100 kW / 220 deg Eaf Arabic, 9540 English Aug.2
 1400-1500 15140 THU 100 kW / 315 deg WEu Arabic
 1500-1600 15140 THU 100 kW / 315 deg WEu English
 1600-2200 15140 THU 100 kW / 315 deg WEu Arabic
 2200-2400 9740 THU 100 kW / 315 deg WEu Arabic
 (Ivo Ivanov, dxldyg via WOR 1890, DXLD)

PAKISTAN - 15700 kHz R Pakistan Islamabad, Urdu service 0500-0548 UT, July 17 --- For the first time since a lot of months back, I heard Radio Pakistan from Islamabad again this morning. The signal was weak and tiny and also heavy NOISY quality, like Taiwanese SOH Sound of Hope audio level on 13680.186, 15070.203 or 15339.853 kHz at same time slot.

15700 kHz, 0500-0700 Radio Pakistan, Islamabad in Urdu language, to ME, Iran, Turkey & No/We Africa, noted in Eastern Thailand at 0500 UT till sudden OFF air at 0548 UT on July 17. Noisy S=5-6 signal, Pakistani music and typical drums singer.

[selected SDR options, span 12.5 kHz RBW 15.3 Hertz]
 (wb, wwdxc BC-DX TopNews July 17)

The state of Pakistan had its 70th birthday at August 15, 2017. Some special broadcasts concerning that item, also the Indian Subcontinent in 3SAT and ARTE. (we)

PALAU / JAPAN / TAIWAN - [to Korea D.P.R.] On August 2, Wind from Japan, at 1500-1530 UT good signal via Palau on 9975 kHz, even better than the Taiwan frequencies 7335 and 9900 kHz. The same at 1530-1600 UT with 7335, 9685, and 9965 kHz. All frequencies heard without jamming here in Ansbach / Germany. Last week the Palau transmitter was not audible.
 (Erich Bergmann-D, wwdxc BC-DX TopNews Aug 4)

PERU [and non] - 4774.906, OCX4W Radio Tarma, Tarma, on Aug 20 at 0108 UT ID by man in Spanish language, vs CODAR signal on 4763 - 4838 kHz broadband fq range. Proper S=7-8 signal this night, good condition in 60 mb.

4950.013, PERU and 4949.733, adjacent Rádio Nacional Angola transmission. Latter S=6 fluttery signal, but little better S=8-9 on adjacent upper.

4950.013, OBX7I [sic], Radio Madre de Dios, Puerto Maldonado, could separate both signals by Perseus SDR notch and switch to upperside reception. Exciting reception though. Some morning logs this Aug 20 at 0045 to 0200 UT, logged here in southern Germany [selected SDR options, span 12.5 kHz RBW 15.3 Hertz]
 (wb, df5sx, wwdxc BC-DX TopNews Aug 20)

PHILIPPINES - Reception of Radio Teos via FEBC on August 10:

1500-1600 on 11650 BOC 100 kW / 323 deg to CAs Russian, weak to fair.
 (DX MIX 1022)

SOMALIA - 7120 R. Hargueisa, Hargueisa, Somalilandia, 1841-1907, 22 July, Arabe, texto, cancoes da regio, chamadas de ouvintes; 34443, QRM ocasional, de radioamadores.
 (Carlos Goncalves-POR, dxld Aug 1)

SOUTH AFRICA - Weak signal of Channel Africa, August 10:

1700-1755 on 15235 RSA 250 kW / 328 deg to Waf English Mo-Fr
 (Ivo Ivanov, Sofia, Bulgaria, Sony ICF-2001D 30 m. long wire, dxldyg via DXLD)

15235, Aug 11 at 1654, undermodulated percussion at S5, 1655 dead air, 1658 African language, 1659 drumming and

'Africa', 1700 pleasantly into English from Channel Africa without specific ID but "This is Africa Digest", from Johannesburg on 15235 to west Africa, into news about Zuma's election. Aoki shows only French weekdays until 1655 at 250 kW, and English M-F from 1700 with 500 kW, both 328 degrees from Meyerton. I could not tell that power had doubled; latest HFCC of today shows both only 250. And WRTH shows only ChAf African languages are Nyanja, Lozi and Swahili earlier on other frequencies. (gh, DXLD)

African outlets on Aug 11:

7244.990 AFS BBC London, French sce to AF, via SenTec Meyerton at 18.12 UT on Aug 11, S=8 in Qatar SDR remote unit.

7264.986 AFS BBC London, Somali sce, S=8 signal at 18.17 UT via SenTec Meyerton relay site // 9720 RSA.

5930even AFS BBC London, French sce, S=6 signal at 18.20 UT via SenTec Meyerton relay site // 7245v RSA.

9720even AFS BBC London, Somali sce, S=9+15dB signal at 18.22 UT via SenTec Meyerton relay site // 7265v RSA.

9754.985 AFS NHK Radio Japan Tokyo, En sce, S=9+5dB at 18.24 UT via SenTec Meyerton relay site. Fluttery sidelobe signal.

[selected SDR options, span 12.5 kHz RBW 15.3 Hertz] (wb df5sx, wwdxc BC-DX TopNews Aug 11)

SPAIN - Radio Exterior de España /RNE/ on 2 of 4 frequencies on August 20:

1355-1400 on 2 of 4 frequencies REE Interval Signal/fq announcement
 1400-1800 15520 NOB 200 kW / 110 deg N/ME Spanish Sat/Sun, fair/good
 1400-1800 17715 NOB 200 kW / 230 deg SoAm Spanish Sat/Sun, fair/poor
 1400-1800 17855 NOB 200 kW / 290 deg ENAm Spanish Sat/Sun, no signal
 1400-1800 21620 NOB 200 kW / 161 deg WCAf Spanish Sat/Sun, no signal
 (Ivo Ivanov, Sofia, Bulgaria, dxldyg via DXLD)

SRI LANKA - Victor Goonetilleke 4S7VK advises that the Sri Lanka Broadcasting Corporation has just started a new Tamil service on 11835 kHz between 1700 and 1800 UTC. The station is looking for reports and you can send these to Victor at <Victorg.broadcaster@gmail.com>. However, there will be a delay in replying as Victor is currently in Australia for several months visiting family, so please be patient when waiting for a QSL.

BTWay the Sinhala 1630-1830 UT will also continue on 11750 kHz which is not every day of the week though. Well, for this new service I will assist anyone with good reports, helpful reports to get your QSL card. (wb / direct)

SUDAN SOUTH [non] - VATICAN, VOA "South Sudan in Focus" via SM di Galeria on August 9:

1630-1700 15180 SMG 250 kW / 146 deg to SDN English Mo-Fr, strong.
 (Ivo Ivanov, Sofia, Bulgaria, Sony ICF-2001D 30 m. long wire, dxldyg via DXLD)

SWAZILAND - Trans World Radio Africa via Manzini on August 7:

1905-1935 on 9940 MAN 100 kW / 343 deg to CAf Lingala
 1935-1950 on 9940 MAN 100 kW / 343 deg to CAf French
 (DX MIX 1022)

TAIWAN - The bc of RTI in Ru 1700-1800 on 11955 with double problem. Not only the Issoudun's so called "tractor" sounded effect, but there is unexpected unidentified bc on around 11955.1 with some "yell" or like "home vacuum cleaner". Observed first in June 26 & 27th, in July, in August 1 & 2nd, 10 & 11th. It is no related with Issoudun because the jamming sound is heard from 1130 on 11955 during the CRI SoEast Service, later over Iran and also from 1800 h over AWR in Ar. One of the best DXer in Russia mr. Pape wrote it is maybe SSB transmissionws. The Chief of Ru Sce of RTI mr. V. Samoilov said in "Mailbox" that is maybe local jamming around Sofia, Bulgaria. Please help with some idea. (Rumen Pankov-BUL via WWDXC BC-DX TopNews August 11).

Die Sondersendungen in deutscher Sprache von Radio Taiwan International werden in diesem Jahr im August am 25.08., 26.08. und 27.08.17, im September am 01.09., 02.09. und 03.09., 29.09. und 30.09.17 und im Oktober am 01.10. und 03.10.17. sowie in DRM am 04.10. und 10.10.17 aus Tamsui ausgestrahlt. Die für die jeweilige Sendung benutzten Frequenzen sind 12030 und 9680 kHz. Die Sendezeit ist an allen Tagen von 18.00 bis 19.00 UTC.

Die deutsche Redaktion würde sich über Empfangsberichte sehr freuen und hat angekündigt, alle korrekten

Empfangsberichte mit einer Sonder-QSL zu bestätigen.

UNITED KINGDOM [and non] - More inactive frequencies of BBC, registered July 21:

1700-1800 on 9585 SCB 100 kW / 195 deg to EAf/SOM Mo-Fr various
 1700-1800 on 11625 KCH 300 kW / 163 deg to EAf/SOM Mo-Fr various
 1700-1800 on 15720 WOF 250 kW / 122 deg to EAf/SOM Mo-Fr various

And previous, also inactive frequencies of BBC, registered in HFCC:

1730-1830 on 9585 SCB 100 kW / 195 deg to EAf/SOM Mo-Fr various
 1730-1830 on 11795 KCH 300 kW / 163 deg to EAf/SOM Mo-Fr various
 1730-1830 on 15355 WOF 250 kW / 120 deg to EAf/SOM Mo-Fr various
 1930-2030 on 6155 UAE 250 kW / 230 deg to EAf/SOM Mo-Fr various
 1930-2030 on 9780 SLA 250 kW / 240 deg to EAf/SOM Mo-Fr various
 1930-2030 on 17745 ASC 250 kW / 070 deg to EAf/SOM Mo-Fr various
 (Ivo Ivanov, QTH: Sofia, Bulgaria, dxldyg via DXLD)

Tuesday, August 22, 2017 --- The BBC World Service is launching in 12 new languages: Afan Oromo, Amharic, Gujarati, Igbo, Korean, Marathi, Pidgin, Punjabi, Serbian, Telugu, Tigrinya and Yoruba. [Internet Services]

Korean service are set to launch from this autumn on these 2 registered shortwave frequencies:

1500-1900 on 5810 TAC 100 kW / 068 deg to NEAs Korean
 1500-1900 on 9940 TSH 300 kW / 002 deg to NEAs Korean

The Amharic, Afan Oromo, Tigrinya services will launch online and on dedicated Facebook page next month. This will be followed later in the year on shortwave.

1600-1700 9585 MEY 100 kW / 020 deg Amharic, Afan Oromo, Tigrinya*
 1600-1700 15700 DHA 250 kW / 230 deg Amharic, Afan Oromo, Tigrinya*
 1600-1700 21470 ASC 250 kW / 070 deg Amharic, Afan Oromo, Tigrinya*
 1700-1800 9585 SCB 100 kW / 195 deg Amharic, Afan Oromo, Tigrinya*
 1700-1800 11625 KCH 300 kW / 163 deg Amharic, Afan Oromo, Tigrinya*
 1700-1800 15720 WOF 250 kW / 122 deg Amharic, Afan Oromo, Tigrinya*

or

1730-1830 9585 SCB 100 kW / 195 deg Amharic, Afan Oromo, Tigrinya*
 1730-1830 11795 KCH 300 kW / 163 deg Amharic, Afan Oromo, Tigrinya*
 1730-1830 15355 WOF 250 kW / 120 deg Amharic, Afan Oromo, Tigrinya*
 1930-2030 6155 DHA 250 kW / 230 deg Amharic, Afan Oromo, Tigrinya*
 1930-2030 9820 SLA 250 kW / 240 deg Amharic, Afan Oromo, Tigrinya*
 1930-2030 17745 ASC 250 kW / 070 deg Amharic, Afan Oromo, Tigrinya*

or

1800-1900 7375 MEY 100 kW / 020 deg Amharic, Afan Oromo, Tigrinya*
 1800-1900 9820 DHA 250 kW / 225 deg Amharic, Afan Oromo, Tigrinya*
 1800-1900 11685 SCB 100 kW / 195 deg Amharic, Afan Oromo, Tigrinya*
 1900-2000 7375 MEY 250 kW / 019 deg Amharic, Afan Oromo, Tigrinya*
 1900-2000 9820 SLA 250 kW / 240 deg Amharic, Afan Oromo, Tigrinya*
 1900-2000 17745 ASC 250 kW / 070 deg Amharic, Afan Oromo, Tigrinya*

* in each language with 15-minute news and current affairs programme, followed by a 5-minute BBC World Service Learning English programme from Mo-Fr . 12:53 PM (Bulgarian DX blog via DXLD)

U.S.A. - From July 25 Glenn Hauser is moving its production WOR to Tuesday afternoons, instead of Wednesday afternoons, which will give more timely broadcasts on WRMI, starting with Tue 2130, and on WBCQ Tue 2330. The Wednesday airings will also be new rather than a week old. (Ivo Ivanov, Bulgaria, dxldyg via DXLD)

2130-2200 on 9455 WRMI 100 kW / 285 deg to WNAm English Tue AM mode
 2130-2200 on 15770 WRMI 100 kW / 044 deg to WEu English Tue AM mode
 2330-2400 on 9330v BCQ 050 kW / 245 deg to ENAm English Tue in CUSB
 1030-1100 on 5850 WRMI 100 kW / 315 deg to WNAm English Wed AM mode
 1030-1100 on 9455 WRMI 100 kW / 285 deg to WNAm English Wed AM mode
 1315-1345 on 9955 WRMI 100 kW / 160 deg to SAm English Wed AM mode
 2100-2130 on 7490v BCQ 050 kW / 245 deg to ENAm English Wed AM mode
 2330-2400 on 9330v BCQ 050 kW / 245 deg to ENAm English Wed in CUSB
 2330-2400 on 9330v BCQ 050 kW / 245 deg to ENAm English Thu in CUSB
 2330-2400 on 9330v BCQ 050 kW / 245 deg to ENAm English Fr in CUSB

0630-0700 on 6190 GOH 001 kW / 230 deg to CEu English Sa in CUSB
 1430-1600 on 7265 GOH 001 kW / 230 deg to CEu English Sa in CUSB
 2230-2300 on 9330v BCQ 050 kW / 245 deg to ENAm English Sa in CUSB
 2300-2330 on 11580 WRMI 100 kW / 044 deg to WEu English Sa AM mode
 0200-0230 on 11580 WRMI 100 kW / 044 deg to WEu English Su AM mode
 1030-1100 on 9485 GOH 001 kW / 230 deg to CEu English Su in CUSB
 2330-2400 on 9330v BCQ 050 kW / 245 deg to ENAm English Su in CUSB
 0300-0330 on 5130v BCQ 050 kW / 245 deg to ENAm English Mon in AM mode
 0330-0400 on 9955 WRMI 100 kW / 160 deg to SoAm English Mon AM mode
 2330-2400 on 9330v BCQ 050 kW / 245 deg to ENAm English Mon in CUSB
 0030-0100 on 7730 WRMI 100 kW / 285 deg to MEX English Tue AM mode

VATICAN - Fair to good signal of Vatican Radio on August 7:

0600-0615 on 15595 SMG 250 kW / 107 deg to N/ME Italian Mo-Sa
 0615-0630 on 15595 SMG 250 kW / 107 deg to N/ME French Mo-Sa
 0630-0645 on 15595 SMG 250 kW / 107 deg to N/ME English Mo-Sa

On August 6-7 no signal of this transmissions of Vatican Radio:

0300-0330 on 7360 SMG 250 kW / 151 deg to CEaf English
 0300-0330 on 7360 SMG 250 kW / 151 deg to CEaf English
 0330-0345 on 7360 SMG 250 kW / 150 deg to CEaf Swahili Su
 0330-0400 on 7360 SMG 250 kW / 151 deg to CEaf Swahili Mo-Sa
 0345-0400 on 7360 SMG 250 kW / 130 deg to Eaf Somali Su
 0400-0430 on 9645 SMG 250 kW / 114 deg to N/ME Arabic
 0400-0430 on 11715 SMG 100 kW / 098 deg to N/ME Arabic
 0530-0600 on 9660 SMG 250 kW / 234 deg to Waf Portuguese
 0600-0630 on 11625 SMG 250 kW / 210 deg to Waf French
 0600-0630 on 13765 SMG 250 kW / 184 deg to Wcaf French
 0630-0700 on 11625 SMG 250 kW / 210 deg to Waf English
 0630-0700 on 13765 SMG 250 kW / 184 deg to Wcaf English
 0645-0705 on 9645 SMG 250 kW / 228 deg to NEaf Arabic Mo-Sa
 0645-0705 on 11740 SMG 100 kW / 130 deg to Eaf Arabic Mo-Sa
 1200-1220 on 17520 SMG 250 kW / 185 deg to Caf Italian
 1200-1220 on 17590 SMG 100 kW / 112 deg to N/ME Italian
 (DX MIX 1022)

Obviously seem to have gone forever ... (we)

Radio Veritas Asia via SM di Galeria, July 21:

1430-1457 on 11630 SMG 250 kW / 089 deg to Sas Urdu, powerful
 1500-1552 on 15620 SMG 250 kW / 107 deg to N/ME Filipino, good
 (Ivo Ivanov, QTH: Sofia, Bulgaria, dxldyg via DXLD)

ZAMBIA [and non] - Updated summer A-17 shortwave schedule of KVOH Voice of Hope Africa Lusaka. All frequencies of Voice of Hope Africa were registered in HFCC Database on August 6, all LUV = Lusaka, 100 kW

0500-0800 9680 000 deg SAf English Mo-Fr tx#1, new additional
 0500-0800 11680# 315 deg Waf English Mo-Fr tx#2, new additional
 1600-1900 4965 000 deg SAf English Mo-Fr tx#1, ex 1630-2200 UT
 1600-1900 6065 315 deg Waf English Mo-Fr tx#2, ex 1630-2200 UT
 1200-1700 9680* 000 deg SAf English Sa/Su tx#1, unchanged time
 1200-1700 13680^ 315 deg Waf English Sa/Su tx#2, unchanged time
 1700-1730 9680 000 deg SAf English Sunday tx#1, new additional

^ co-ch same 13680 F 500 kW / 090 deg WAs Persian R.Japan NHK World 1430-1500

^ co-ch same 13680 KAS 500 kW / 308 deg WEu Chinese China Radio Inter 1500-1600

co-ch same 11680 KNG 050 kW / non-dir NEAs Korean KCBS Pyongyang, QRM TRT 11675

* co-ch same 9680 PA0 100 kW / 352 deg EAs Chinese R.Taiwan Int&CNR-1 1200-1400

* co-ch same 9680 N 250 kW / 060 deg EEU Russ Sa MW Friedensstimme 1600-1630

(Ivo Ivanov, Bulgaria, dxldyg via DXLD)

TANZANIA {Zanzibar Isl.} - 11735, Zanzibar Broadcasting Corporation, Dole, 1802-1814, 28-07, English, news, at 1811 vernacular comments. 24322.

(Manuel Méndez, Lugo, Spain, Logs in Reinante, dxldyg via DXLD)

CLANDESTINE - Summer A17 of clandestine broadcasts by time order as of August 17:

Voice of Freedom

0000-0200 on 6135 HWA 010 kW / non-dir to NEAs Korean, alt. 5920/5940/6020

Republic of Yemen Radio

0000-0300 on 11860 unknown tx (JED ?)/ unknown to N/ME Arabic

Radio Republica

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

Radio Payem e-Doost

0230-0315 on 7460 KCH 500 kW / 116 deg to WAs Farsi

Voice of Kashmir

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

Denge Kurdistan

0230-0500 on 7350 F 250 kW / 090 deg to WAs Kurdish

Radio Republica

0300-0400 on 9490 F 150 kW / 285 deg to Cuba Spanish Su/Mo

Voice of Freedom

0300-0800 on 6135 HWA 010 kW / non-dir to NEAs Korean, alt. 5920/5940/6020

Republic of Yemen Radio

0300-0900 on 11860 JED 050 kW / non-dir to N/ME Arabic

Radio Tamazuj

0330-0430 on 9600 SMG 250 kW / 146 deg to EAF Juba Arabic

0330-0430 on 11650 MDC 250 kW / 340 deg to EAF Juba Arabic

Eye Radio

0400-0500 on 11730 F 250 kW / 130 deg to EAF Arabic/English*

*including other languages Dinka/Nuer/Shilluk/Bari/Zande/Lutoho

Radio Dabanga

0430-0500 on 9600 SMG 250 kW / 146 deg to EAF Juba Arabic

0430-0500 on 13800 MDC 250 kW / 340 deg to EAF Juba Arabic

Radio Dandal Kura International

0500-0600 on 5960 ASC 250 kW / 070 deg to WAF Kanuri

Denge Kurdistan

0500-1400 on 11600 KCH 300 kW / 130 deg to WAs Kurdish

Echo of Unification

0430-0630 on 3966vCNG 005 kW / non-dir to NEAs Korean

0430-0630 on 5905 PYO 100 kW / non-dir to NEAs Korean

0430-0630 on 6250 PYO 100 kW / non-dir to NEAs Korean

Voice of The People

0530-2330 on 3480 K-S 050 kW / non-dir to NEAs Korean

0530-2330 on 3910 K-S 050 kW / non-dir to NEAs Korean, alt. 3912

0530-2330 on 3930 K-S 050 kW / non-dir to NEAs Korean, alt. 4557

0530-2330 on 4450 K-S 050 kW / non-dir to NEAs Korean

0530-2330 on 6520 K-S 050 kW / non-dir to NEAs Korean, alt. 6518

0530-2330 on 6600 K-S 050 kW / non-dir to NEAs Korean

Radio Dandal Kura International

0600-0700 on 7415 ASC 250 kW / 070 deg to WAF Kanuri

Echo of Hope

0600-2400 on 3985 HWA 100 kW / non-dir to NEAs Korean
 0600-2400 on 4885 SEO 100 kW / non-dir to NEAs Korean
 0600-2400 on 5995 HWA 100 kW / non-dir to NEAs Korean, alt. 6003
 0600-2400 on 6250 SEO 010 kW / 010 deg to NEAs Korean, alt. 6248
 0600-2400 on 6350 HWA 100 kW / non-dir to NEAs Korean
 0600-2400 on 9100 SEO 010 kW / 010 deg to NEAs Korean

Radio Dandal Kura International

0700-0800 on 13810 DHA 250 kW / 255 deg to WAF Kanuri

Voice of Kashmir

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

Voice of Freedom

0900-1500 on 6135 HWA 010 kW / non-dir to NEAs Korean, alt. 5920/5940/6020

Republic of Yemen Radio

0900-1800 on 11860 unknown tx / unknown to N/ME Arabic

Suab Xaa Moo Zoo, Voice of Hope

1130-1200 on 11570 TSH 100 kW / 250 deg to SEAs Hmong

Voice of Khmer M'Chas Srok

1130-1200 on 17860 TAC 100 kW / 122 deg to SEAs Khmer Thu/Su

Voice of Tibet

1200-1210 on 11513 DB 100 kW / 095 deg to EAs Chinese
 1210-1230 on 11507 DB 100 kW / 095 deg to EAs Chinese

Radio Que Me

1200-1230 on 9930 HBN 100 kW / 318 deg to EAs Vietnamese Fr

Radio Free North Korea

1200-1300 on 15630 TAC 100 kW / 076 deg to NEAs Korean

Radio ERGO

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

National Unity Radio

1200-1500 on 11550 DB 100 kW / 071 deg to NEAs Korean

Echo of Unification

1230-1430 on 3966vCNG 005 kW / non-dir to NEAs Korean
 1230-1430 on 5905 PYO 100 kW / non-dir to NEAs Korean
 1230-1430 on 6250 PYO 100 kW / non-dir to NEAs Korean

Voice of Tibet

1230-1235 on 15533 DB 100 kW / 131 deg to CAs Tibetan
 1235-1305 on 15527 DB 100 kW / 131 deg to CAs Tibetan

Shiokaze Sea Breeze

1300-1330 on 5965 YAM 300 kW / 280 deg to NEAs Chinese Mo
 1300-1330 on 5965 YAM 300 kW / 280 deg to NEAs Japanese Tue
 1300-1330 on 5965 YAM 300 kW / 280 deg to NEAs Korean Wed
 1300-1330 on 5965 YAM 300 kW / 280 deg to NEAs English Thu
 1300-1330 on 5965 YAM 300 kW / 280 deg to NEAs Korean Fr
 1300-1330 on 5965 YAM 300 kW / 280 deg to NEAs Japanese Sa
 1300-1330 on 5965 YAM 300 kW / 280 deg to NEAs Korean Su

Nippon no Kaze

1300-1330 on 9465 TSH 300 kW / 002 deg to NEAs Korean
 1300-1330 on 9900 TSH 300 kW / 352 deg to NEAs Korean
 1300-1330 on 9940 TSH 100 kW / 002 deg to NEAs Korean

Voice of Tibet

1300-1310 on 11507 DB 100 kW / 095 deg to EAs Chinese
 1305-1315 on 15522 DB 100 kW / 131 deg to CAs Tibetan
 1310-1330 on 11512 DB 100 kW / 095 deg to EAs Chinese
 1315-1335 on 15528 DB 100 kW / 131 deg to CAs Tibetan

Shiokaze Sea Breeze

1330-1400 on 5965 YAM 300 kW / 280 deg to NEAs Korean Mo
 1330-1400 on 5965 YAM 300 kW / 280 deg to NEAs Japanese Tue
 1330-1400 on 5965 YAM 300 kW / 280 deg to NEAs Korean Wed
 1330-1400 on 5965 YAM 300 kW / 280 deg to NEAs English Thu
 1330-1400 on 5965 YAM 300 kW / 280 deg to NEAs Korean Fr
 1330-1400 on 5965 YAM 300 kW / 280 deg to NEAs Korean Sa
 1330-1400 on 5965 YAM 300 kW / 280 deg to NEAs Japanese Su

Furusato no Kaze

1330-1400 on 9705 TSH 300 kW / 002 deg to NEAs Japanese
 1330-1400 on 9900 TSH 300 kW / 352 deg to NEAs Japanese
 1330-1400 on 9950 TSH 100 kW / 002 deg to NEAs Japanese

Voice of Wilderness

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

Voice of Tibet

1335-1345 on 15522 DB 100 kW / 131 deg to CAs Tibetan
 1345-1400 on 15528 DB 100 kW / 131 deg to CAs Tibetan

Denge Kurdistan

1400-1600 on 11600 KCH 300 kW / 116 deg to WAs Kurdish

Voice of Tibet

1400-1405 on 15565 MDC 250 kW / 045 deg to CAs Tibetan
 1405-1410 on 15560 MDC 250 kW / 045 deg to CAs Tibetan
 1410-1430 on 15565 MDC 250 kW / 045 deg to CAs Tibetan

Furusato no Kaze

1405-1435 on 7295 YAM 300 kW / 280 deg to NEAs Japanese
 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

Voice of Kashmir

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

North Korea Reform Radio

1430-1530 on 11570 TAC 100 kW / 076 deg to NEAs Korean

Radio Tamazuj

1430-1500 on 15150 F 250 kW / 138 deg to Eaf Juba Arabic
 1430-1500 on 15550 SMG 250 kW / 150 deg to Eaf Juba Arabic
 1500-1530 on 15150 MDC 250 kW / 340 deg to Eaf Juba Arabic
 1500-1530 on 15550 SMG 250 kW / 150 deg to Eaf Juba Arabic

Nippon no Kaze

1500-1530 on 7335 TSH 300 kW / 352 deg to NEAs Korean
 1500-1530 on 9900 TSH 300 kW / 002 deg to NEAs Korean
 1500-1530 on 9975 HBN 100 kW / 345 deg to NEAs Korean

Radio Al-Mukhtar

1500-1558 on 15205 F 100 kW / 125 deg to EAF Arabic Tue

Radio Voice of Adal, inactive at present

1500-1530 on 15205 F 100 kW / 125 deg to EAF Arabic Wed/Sa

Radio Warra Wangeelaa-ti

1500-1530 on 15515 SCB 050 kW / 195 deg to EAF Afan Oromo Sa

Living Water Ministry Broadcasting

1500-1600 on 9650 PUG 250 kW / 000 deg to NEAs Korean Tue-Thu

Radio Voice of Adal, inactive at present

1530-1558 on 15205 F 100 kW / 125 deg to EAF Tigrinya Wed/Sa

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

Radio Dabanga

1530-1600 on 15150 MDC 250 kW / 340 deg to EAF Juba Arabic

1530-1600 on 15550 SMG 250 kW / 150 deg to EAF Juba Arabic

Voice of Martyrs

1530-1700 on 7525 TAC 100 kW / 076 deg to NEAs Korean/English

Shiokaze Sea Breeze

1600-1630 on 6165 YAM 300 kW / 280 deg to NEAs Chinese Mo

1600-1630 on 6165 YAM 300 kW / 280 deg to NEAs Japanese Tue

1600-1630 on 6165 YAM 300 kW / 280 deg to NEAs Korean Wed

1600-1630 on 6165 YAM 300 kW / 280 deg to NEAs English Thu

1600-1630 on 6165 YAM 300 kW / 280 deg to NEAs Korean Fr

1600-1630 on 6165 YAM 300 kW / 280 deg to NEAs Japanese Sa

1600-1630 on 6165 YAM 300 kW / 280 deg to NEAs Korean Su

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

Radio Ranginkaman/Radio Rainbow

1600-1630 on 7575 KCH 500 kW / 116 deg to WAs Farsi Mo/Fr

Radio Xoriyo Ogaden

1600-1630 on 17630 F 500 kW / 130 deg to EAF Somali Tue/Sa

1600-1630 on 17870 F 500 kW / 130 deg to EAF Somali Mo/Fr

Radio Voice of Independent Oromiya

1600-1630 on 17850 F 250 kW / 130 deg to EAF Oromo Su

Denge Kurdistan

1600-1930 on 11600 F 250 kW / 090 deg to WAs Kurdish

Eye Radio

1600-1900 on 17730 F 250 kW / 130 deg to EAF Arabic/English*

*including other languages Dinka/Nuer/Shilluk/Bari/Zande/Lutoho

Voice of Freedom

1600-2000 on 6135 HWA 010 kW / non-dir to NEAs Korean, alt. 5920/5940/6020

Shiokaze Sea Breeze

1630-1700 on 6165 YAM 300 kW / 280 deg to NEAs Korean Mo

1630-1700 on 6165 YAM 300 kW / 280 deg to NEAs Japanese Tue

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

Nippon no Kaze

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

Radio Sagalee Qeerroo Bilisummaa

1630-1658 on 17840 F 250 kW / 130 deg to EAF Oromo Tue/Thu/Fr

Furusato no Kaze

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

Dimtse Radio Erena

1700-1730 on 11965 SCB 050 kW / 195 deg to EAF Tigrinya Mo-Fr

Voice of Oromo Liberation

1700-1730 on 15420 NAU 100 kW / 139 deg to EAF Afan Oromo Wed/Fr/Su

Dimtse Radio Erena

1730-1800 on 11965 SCB 050 kW / 195 deg to EAF Arabic Mo-Fr

Voice of Oromo Liberation

1730-1800 on 15420 NAU 100 kW / 139 deg to EAF Amharic Wed

Dimtse Radio Erena

1700-1800 on 11965 SCB 050 kW / 195 deg to EAF Tigrinya Sa

1700-1800 on 11965 SCB 050 kW / 195 deg to EAF Arabic Su

Radio Publique Africaine

1800-1830 on 15480 F 250 kW / 145 deg to SAF Kirundi

Radio Payem e-Doost

1800-1845 on 7480 KCH 500 kW / 116 deg to WAs Farsi

Radio Itahuka

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

Radio Dandal Kura International

1800-2100 on 12050 ASC 250 kW / 065 deg to WAF Kanuri

Republic of Yemen Radio

1800-2300 on 11860 JED 050 kW / non-dir to N/ME Arabic

Lutheran World Federation/Voice of Gospel/Sawtu Linjilia

1830-1858 on 15315 F 500 kW / 180 deg to WCAF Fulfulde

Radio Publique Africaine

1830-1858 on 15480 F 250 kW / 145 deg to SAF French

Denge Kurdistan

1930-2100 on 11600 KCH 300 kW / 116 deg to WAs Kurdish

North Korea Reform Radio

2030-2130 on 7500 TAC 100 kW / 076 deg to NEAs Korean

Voice of Freedom

2100-2400 on 6135 HWA 010 kW / non-dir to NEAs Korean, alt. 5920/5940/6020

Echo of Unification

2230-0030 on 3966vCNG 005 kW / non-dir to NEAs Korean

2230-0030 on 5905 PY0 100 kW / non-dir to NEAs Korean
2230-0030 on 6250 PY0 100 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
2300-2305 on 7492 DB 100 kW / 131 deg to CAs Tibetan
2305-2335 on 7493 DB 100 kW / 131 deg to CAs Tibetan
2335-2400 on 7487 DB 100 kW / 131 deg to CAs Tibetan

Republic of Yemen Radio
2300-2400 on 11860 unknown tx / unknown to N/ME Arabic (supposed Jeddah or
Riyadh/Saudia Arabia)
(DX MIX 1023)

Editor's info desk was closed for this edition on August 27th, 2017, 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.
 - Alokesh Gupta** - New Delhi - India.
 - BCDX** - News Bulletin by Wolfgang W. Bueschel (wb) - Stuttgart - Germany.
 - CONEXION** - CONEXION Digital - Buenos Aires - Argentina.
 - DXLD** - Glenn Hauser's DX LISTENING DIGEST - USA.
 - Prof. Dr. Hans-Jörg Biener (hjb)** - Nuremberg, Germany.
 - (DX MIX NEWS = DX RE MIX NEWS** - from Georgi Bancov & Ivo Ivanov, Bulgaria.
- Others as stated in contribution.

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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), 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, RSA = Meyerton /South Africa, 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, 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
/USB = upper sideband, /LSB = lower sideband, alt.: (QRG) = alternative frequency

Editor:

Walter Eibl (we), P.O. Box 1545, 91005 Erlangen, Germany.

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

Used equipment:

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

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

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

BACKGROUNDS AND HISTORY

CANADA - Oh Canada! As we up here in the Great White North celebrate our 150th anniversary of Confederation (the founding of Canada on July 1 1867) it has become apparent that AM radio is on the decline. Over the years I have helped update the NRC AM Log and my "job" of helping to find information and changes in data for Canadian radio stations has become easier. The reason it is easier is that there are less and less stations each year. Many of us in the hobby have lamented the death of AM radio and in Canada it is a very visible event. Below are the annual statistics for the number of AM radio stations on air that I helped proof for the AM Log: [presumably including 40-watt LPRTs]

2011 330 stations

2012 318 stations

2013 303 stations

2014 277 stations

2015 262 stations

2016 257 stations

2017 247 stations

This shows that between 2011 and 2017 Canada had 83 less AM radio stations on the air. Now to those of you in the U.S. of A. 83 stations may seem like a small number, but if you look at it as a percentage that is a drop of just over 25%. If 25% of the AM stations in the U.S.A. went off air there would be a very noticeable drop in stations.

Also there are 21 application or construction permits outstanding to convert from AM to FM as of June 30 2017. These 21 should be implemented by the end of 2019 if not sooner in many cases. There are all of 9 applications or construction permits for new stations. The AM band may be in trouble here in Canada and around the world, but I for one will not say it is dying but it is shrinking quickly. In point of fact the Province of Prince Edward Island has no AM broadcast stations on air at all. In the North the conversion from AM to FM is in high gear making it almost impossible to log an AM station from the three territories.

The CBC is converting many of its relay stations to FM at a cost of \$30,000.00 to \$80,000.00 each. They claim it will be cheaper to go to FM than to replace the old AM transmitters and towers with new AM equipment. In my humble

opinion you are using the poor condition of some AM equipment as an excuse to convert to FM regardless of the costs.

This may sound bad, but it is better than some European countries that have already withdrawn from the AM band completely and only broadcast on FM. Just more signs of the time, but not time to give up on the hobby. There is always something new to DX.

(Shawn Axelrod, MB, DX Toolbox, NRC DX News July 31 published July 24, WOR 1888, via DXLD)

U.S.A. - KGEI Redwood City: A forgotten WW II radio story, By Jim Clifford.

... Sometimes history is hidden in plain sight or site - as is the case of a blockhouse-shaped building located, appropriately, on Radio Road in the Redwood Shores area of Redwood City. There is no plaque to remind the few visitors to the area that the two-story building played an important role in World War II: It housed the transmitter for shortwave radio station KGEI, which was the only voice from home for GIs fighting from island to island in the Pacific. Among other accomplishments, the station broadcast Gen. Douglas MacArthur's "I have returned" speech that fulfilled his promise to return with victorious American troops to the Philippines, occupied by Japanese forces since 1942.

Today, the building of about 7,000 square feet is owned by Silicon Valley Clean Water, the wastewater plant operated jointly by Redwood City, San Carlos and Belmont. The plant is adjacent to the KGEI building, which itself is right next to a much larger transmitter building used by KNBR. Ground was broken in late 1940 for the KGEI structure made of reinforced 3-foot thick concrete walls designed to withstand bombing.

"We are now using it for our construction management activities", said Dan Child, the manager of Silicon Valley Clean Water, which bought the building from the Fully Alive Church. The church remodeled the structure to seat a congregation of up to 70 people. One report said a wooden plank was used to camouflage the original bas-relief KGEI, the call letters for General Electric International.

In 1942, The New York Times wrote a story headlined "KGEI Tells Them". Nothing, the newspaper reported, stirs the hearts of soldiers and sailors as much as hearing the introduction to the station's programs: "This is the United States of America." The listening soldiers included Army Capt. Steve Mellnik who was captured in the fall of Corregidor, an island fortress in Manila Bay. He recalled in his book, "Philippine Diary", that he depended on KGEI for war news, learning with "dismay as Japanese forces spread across the Pacific". Mellnik escaped and survived to become a general.

"News of friendly troop movement puzzled us", Mellnik recalled in the book published in 1969. "A commentator boasted that hundreds of ships were en route to the Far East. We cheered. But almost casually the commentator added that the armada's destination was Australia." The cheers turned to groans.

Australia became MacArthur's rallying point. He eventually made three speeches there in which he vowed to return. The general's famous "I have returned" speech came in October of 1944 when he fulfilled his promise. The words were first broadcast from a Navy ship off the Philippines and later spread by KGEI throughout Asia.

After the war, General Electric sold the station to the Far East Broadcasting Company which then sold it to the church in 2001. Former Far East Broadcasting Company president Jim Bowman said he often visited Manila and would come across Filipinos "who listened to KGEI to keep their hopes alive during the Japanese occupation."

The building still stands, not far from a section of the Bay Trail used by hikers and bike riders who pass by an almost unknown part of the past. The transmitter, however, is no more. Far East Broadcasting gave the transmitter to a radio ministry in Liberia where it was destroyed by rebel forces in the late 1990s.

The Rear View Mirror by history columnist Jim Clifford appears in the Daily Journal every other Monday. Objects in The Mirror are closer than they appear.

<http://www.smdailyjournal.com/news/local/kgei-a-forgotten-wwii-radio-story/article_4f8f263e-8062-11e7-bf9e-fbf338cf40e3.html>

(via Mike Terry-UK, dxld Aug 15)



DX LOGBOOK

Logs around the clock

by Ashok Kumar Bose, 106 Aspermont Crescent, Brampton, Ontario, L6P 3Z3, Canada
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MEDIUMWAVE BAND

Frequency	UTC	SIO	ITU	Radio Station	Language	Programme Details	Date	Rep.
657.0	2140	333	G	Classic Premier, Stantfort	E	Newark	1707	MF
693.0	2250	333	G	Classic Premier, Folkstone	E	Bed and breakfast for tourists	2007	MF
693.0	2225	433	G	Classic Premier, Maidstone	E	EU - Brexit	1707	MF
720.0	2230	222	G	Classic Premier,	E	EU - Brexit	1707	MF
918.0	2150	322	G	Premier Gold, Bath	E	Hit List of Bath	1707	MF
927.0	2200	222	G	Premier Gold, Oxford	E	Coffee	1707	MF
963.0	2210	222	G	Classic Premier, Salisbury	E	Tourists	1707	MF
1008.0	2120	433	G	BBC R. Cambridge	E	Oakland-Bridge	2007	MF
1071.0	2240	333	G	Classic Premier, Luton	E	EU - Brexit	1707	MF
1080.0	2130	243	G	South Gold, Southend	E	Ex - Amber	2207	MF
1107.0	2130	222	G	Christian Premier, Birmingham	E	Music for Jesus	2707	MF
1107.0	2215	333	G	Classic Gold, St. Alban	E	Farmer	1707	MF
1107.0	2320	232	G	Classic Gold, Stonehenge	E	Service	2307	MF
1152.0	2120	333	G	Premier Gold, Wickford	E	Stratford tourism	2207	MF
1179.0	2226	343	G	Classic Premier, Gainsborough	E	China + their money in Africa	1707	MF
1197.0	2205	333	G	Classic Premier, Buckingham	E	Safeguards	1707	MF
1359.0	1955	222	ETH	VO Tigre Revolution	Vernacular	Horn of Africa music	2507	ZC
1404.0	0000	232	G	Jesus Premier, Edinburgh	E	Oil worker	2107	MF
1404.0	2350	332	G	Classic Gold, Sheffield	E	Mose is our God	2007	MF
1413.0	2350	332	G	Premier Sheffield	E	Scotland	2007	MF
1413.0	2140	242	G	Premier, Sheffield	E	Bonanza	2707	MF
1413.0	0005	332	G	Jesus Gold, Edinburgh	E	Holy gold is our Scotland	2107	MF
1422.0	2140	222	G	Jesus Premier, Coventry	E	Mother Maria	2707	MF
1431.0	2335	443	G	Israel Premier, Red Moss	E	Peace of Jerusalem	2007	MF
1449.0	2330	322	G	Classic Premier, Dumfries	E	Horse Show	2007	MF
1485.0	2150	232	G	Jesus Gold, Aberdeen	E	Our daily exam	2007	MF
1485.0	0010	222	G	Scotl. Prem. Gold, Stirling	E	Scotland transport	2107	MF
1503.0	2325	222	G	Scotl. Prem. Gold, Westerglen	E	Egypt Air Jet	2007	MF
1521.0	2320	332	G	Scotland Gold, Dumfries	E	Lufthansa Jets	2007	MF
1521.0	2130	232	ARS	BSKSA	Arabic	Arab. talk	2307	MF
1548.0	0035	333	G	Scotl. Prem. Live, Inverness	E	Scotland night music	2107	MF
1566.0	0030	433	G	Scotl. Prem. Gold, Inverness	E	BBC WS news	2107	MF
1566.0	2120	433	IRN	IRIB	Farsi	Koran	2307	MF
1574.0	2355	222	G	Classic Gold, Dundee	E	Helicopter airport	2007	MF
1575.0	0025	222	G	Scotland Gold, Inverness	E	Organ music	2107	MF
1584.0	2200	333	BHR	R. Bahrain	E	Ann.: 4 o'clock in Bahrain	2707	MF
1593.0	2340	333	G	Classic Gold, Inverness	E	Red Moss	2007	MF

SHORTWAVE BANDS

Frequency	UTC	SIO	ITU	Radio Station	Language	Programme Details	Date	Rep.
3955.0	2000	544	G	KBS-WR via Woofferton	German	ID; NX; Hörerecke	1507	SG
3955.0	2010	554	G	KBS-WR via Woofferton	German	Tagesthema; ID; K+quer	3107	SG
3985.0	1930	443	D	Radio Tirana via Kall	German	IS; ID; ann; NX; PS; MX	3107	SG
3985.0	2000	443	D	SRF via SW-Service Kall	German	ID; TA; NX; Börse; WX	3107	SG
3985.0	2037	443	D	Polskie Radio via Kall	German	Presse; ID; rpt Jan G.	3107	SG
4750.0	1700	222	BGD	Radio Bangladesh	Bengali	News	2807	ZC
4775.0	2300	222	PRU	Radio Tarma	Spanish	Talk & ID Heavy codar	1107	ZC
4960.0	2035	443	STP	VoA-Relay	English	Jingle-ID; rpts	3007	SG
5920.0	0815	352	D	HCJB via Weenermoor	German	MX; ann; ID; Klassik	2307	SG
5950.0	1955	222	ETH	VO Tigre Revolution	Vernacular	Drum Beat	2507	ZC
5970.0	1600	554	ALB	CRI-Cerrik	German	IS; ID; NX; Panorama	0907	SG
6005.0	1930	343	D	Radio Tirana via Kall	German	IS; ID; NX; PS; MX	0607	SG
6055.0	1030	454	D	Ev. Missionsgemeinde	German	ID; Bibel	2307	SG
6070.0	0800	454	D	RNI via Ingolstadt	German	IS; ID; ann; Popoldies	3007	SG
6070.0	0900	454	AUT	R. DARC via ORS	German	ID; HAM-Nachlese	3007	SG
6070.0	1000	443	AUT	Studio DX	Italian	IS; ID; ann; DX news	1607	SG
6070.0	1900	454	D	R. DARC via Ingolstadt	German	ID; HAM-Nachlese	3107	SG
6085.0	0950	453	D	EMR via Kall	English	Popoldies; ann; ID	2307	SG
6085.0	1000	453	D	Mi Amigo via Kall	English	ID; Jingles; pop	2307	SG
6185.0	1900	444	G	RTI via Woofferton	German	ID; NX; KP; HBF	1407	SG
6195.0	2227	343	SNG	BBC-Relay	English	cricket; ID; rpts	3107	SG
7250.0	1658	333	BGD	Radio Bangladesh	Bengali	News	2807	ZC
7280.0	1845	343	VTN	VoV-Stimme Vietnams	German	WX; ID; Beitrag	3107	SG
7300.0	1720	333	IRN	IRIB	German	IS; ID; NA; NX; rpt; HBF	0907	SG
7310.0	1000	453	D	Mi Amigo via Kall	English	ID; Jingles; pop	2307	SG
7360.0	2018	454	CVA	Radio Vatican	English	rpt transport; ID; IS	3107	SG
7380.0	1600	554	ALB	CRI-Cerrik	German	IS; ID; NX; Panorama	0907	SG
7395.0	1800	554	CHN	CRI	German	IS; ID; NX; Panorama	1607	SG
9390.0	2000	454	THA	Radio Thailand	German	IS; ID; NX; rpt	0607	SG
9390.0	2030	454	THA	Radio Thailand	English	IS; ID; NX; rpt	3107	SG
9420.0	1040	454	GRC	ERT	Greek	folkmusic; ann; ID	2307	SG
9445.0	2045	433	IND	AIR	English	ID; ann; adr; NX	3107	SG
9480.0	1915	554	ALB	CRI-Cerrik	French	ID; rpt mathematique	3107	SG
9505.0	2200	443	USA	WHRI South Bend	English	ID; adr; bibel	2807	SG
9510.0	1030	454	ROU	UN-Radio via IRRS	English	ID; NX; rpts	2307	SG
9525.0	1750	242	INS	RRI-Volndonesia	Spanish	MX; ID; ann; ID	3107	SG
9525.0	1800	242	INS	RRI-Stimme Indonesiens	German	ID; WX; ann; NX	3107	SG
9525.0	1900	454	CHN	CRI	Russian	IS; ID; NX; ID; rpts	3007	SG
9570.0	1900	342	EGY	Radio Kairo	German	MX; TS; TA; ID; ann; NX	3107	SG
9600.0	1400	554	ROU	RRI	German	IS; ID; NX; rpt; FBK	0907	SG
9600.0	2125	454	CHN	CRI	English	craftman rpt; ID; MX	3107	SG
9730.0	1830	443	VTN	VoV-Stimme Vietnams	German	IS; ID; NX; WX; rpt	3107	SG
9730.0	2000	443	VTN	VoV-Stimme Vietnams	German	IS; ID; NX; WX; rpt	3107	SG
9775.0	1815	554	ROU	RRI	German	ID; Pro memoria // 11975	3107	SG
9800.0	2115	442	EGY	Radio Kairo	English	ID; NX; MX; ann; rpt	2907	SG

9830.0	0630	342	STP	DW-Relay	Hausa	ID; ann; NX; rpts	2507	SG
9830.0	2220	554	TUR	Voice of Turkey	English	ID; agenda; legends	3107	SG
9850.0	1755	554	IRN	IRIB	German	ID; HBF	0907	SG
9990.0	1715	433	MRA	RFA-Tinian	Korean	rpt; ID; MX // 11985	3107	SG
11580.0	2100	343	USA	RAE via WRMI	German	ID; ann; MX; ID; NX	3107	SG
11580.0	2200	343	USA	RAE via WRMI	Italian	ID; ann; MX; ID; NX	3107	SG
11635.0	1020	443	CHN	CRI	English	talks; ID; MX	2307	SG
11650.0	1010	554	ROU	RRI	French	MX; ann; ID; talk	2307	SG
11735.0	2153	322	B	Radio Transmundial	Portuguese	Music,Talk,ID	0707	ZC
11810.0	2115	444	ASC	BBC-Relay	English	ID; ann; focus // 12095	3107	SG
11810.0	2200	443	KOR	KBS-WR via Kimjae	English	IS; ID; NX; ID; feature	3007	SG
11830.0	1800	242	MRA	RFA-Tinian	Korean	NX; rpt; ID; MX // 9990	3007	SG
11850.0	2030	554	ROU	RRI	English	IS; ID; ann; NX; rpts	2907	SG
11855.0	0830	554	ALB	CRI-Cerrik	Chinese	ann; ID; mx; rpts	2507	SG
11880.0	2100	343	AUT	AWR via ORS	English	prayer; ID; song	3007	SG
11945.0	2130	332	MRA	RFA-Saipan	Korean	rpt; ann; ID; rpts	3107	SG
11975.0	1820	554	ROU	RRI	German	ID; Pro memoria // 9775	3107	SG
11985.0	1715	454	MRA	RFA-Tinian	Korean	rpt; ID; MX // 9990	3107	SG
12095.0	2115	444	ASC	BBC-Relay	English	ID; ann; focus // 11810	3107	SG
13635.0	0845	554	TUR	TRT	Turkish	ann; ID; mx; rpts	2607	SG
13660.0	0630	343	D	DW via Nauen	Hausa	ID; ann; NX; rpts	0308	SG
13665.0	1110	454	ALB	CRI-Cerrik	English	ID; TA; rpts	2607	SG
13695.0	0840	353	F	RFI	French	talks; ID; MX	2307	SG
13710.0	0835	554	ALB	CRI-Cerrik	English	ID; culture Tibet	2307	SG
13750.0	0825	454	ROU	RRI	Romanian	ID; phone talks	2307	SG
13760.0	1130	443	TUR	TRT	German	IS,ID,ann,NX, HBF	1307	SG
13760.0	1130	454	TUR	TRT	German	IS,ID,ann,NX, HBF	1607	SG
13770.0	1100	454	ROU	RRI	English	IS; ID; ann; NX	2607	SG
13830.0	0830	454	BOT	VOA	French	ID; ann; rpt Cameroun	2607	SG
13830.0	1120	333	TJK	RFA-Dushanbe	Tibetan	male rpts; ann; ID	2607	SG
13840.0	2052	332	NZL	Radio New Zealand	English	Popmusic; ann; ID; NX	3007	SG
15130.0	1000	454	ROU	RRI	French	ID; ann; NX; rpts	2507	SG
15130.0	1100	454	ROU	RRI	English	ID; ann; NX; rpts	2607	SG
15160.0	0900	343	KOR	KBS-WR	Korean	ID; ann; NX; rpts	2607	SG
15200.0	0630	353	AFS	DW via Meyerton	Hausa	ID; ann; NX; rpts	0308	SG
15220.0	1030	454	CHN	CRI	Hungary	commerce rpt; ID; MX	2607	SG
15225.0	0845	454	D	AWR via Nauen	Arabic	prayer; ID; song	2307	SG
15235.0	1600	454	AFS	Channel Africa	French	IS; ID; NX; rpts	3107	SG
15235.0	1700	454	AFS	Channel Africa	English	ID; ann; NX; rpts	3107	SG
15255.0	0600	343	AFS	Channel Africa	English	ID; ann; NX; rpts	0308	SG
15265.0	1120	222	MRA	RFA-Tinian	Tibetan	male rpts; ann; ID	2607	SG
15275.0	1000	353	MDG	DW-Relay	Swahili	ID; ann; NX; rpts	2607	SG
15290.0	0910	353	F	NHK-World Radio Japan	Japanese	NX; ID; ann; rpts	2607	SG
15300.0	0715	353	F	RFI	French	rpt Libya; ann; ID	0308	SG
15335.0	0945	454	CHN	CRI	Russian	rpt; ID; MX	2607	SG
15350.0	0850	343	CHN	CRI	English	economic; ID; MX	2207	SG
15410.0	0850	353	D	Radio Farda via LAM	Farsi	rpt; ID; MX	2307	SG
15420.0	0710	343	MDG	BBC-Relay	English	NX; ID; ann; rpts	0308	SG
15490.0	0900	454	ARS	BSKSA	Arabic	ID; ann; rpts; MX	2507	SG
15520.0	2145	454	E	REE	Spanish	ID; rpt militaria	3107	SG

15570.0	1700	454	CVA	Radio Vatican	French	ID; ann; NX; rpts	3007	SG
15580.0	0645	344	BOT	VoA-Relay	English	ID; rpts Rwanda; c/d	0308	SG
15595.0	0855	454	CVA	Radio Vatican	Russian	lithurgy; ann; ID	2307	SG
17490.0	0925	454	CHN	CRI	English	public transport; ID	2307	SG
17570.0	0920	454	CHN	CRI	English	ID; rpts economy	2307	SG
17590.0	0915	454	CVA	Radio Vatican	Russian	lithurgy; ann; ID	2307	SG
17615.0	0600	353	CHN	CRI	German	IS; ID; Panorama	1707	SG
17650.0	0900	454	CHN	CRI	English	IS; ID; rpts climate	2307	SG
17670.0	1100	454	ROU	RRI	English	ID; NX; MX; rpts	2607	SG
17680.0	1014	454	ROU	RRI	French	MX; ID; jourmale	2607	SG
17720.0	0500	353	CHN	CRI	German	IS; ID; Panorama	1707	SG
17805.0	0900	343	ARS	BSKSA	Arabic	ID; ann; rpts; MX	2607	SG
17830.0	0700	454	AFS	BBC-Relay	English	ID; headlines; ID; NX	0308	SG
21570.0	1107	454	ROU	RRI	English	ID; ann; news-rpts	2607	SG

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

- 3320.0 SOUTH AFRICA Radio Sonder Grense – Meyerton, 0352-0417 Aug 2, pop vocals followed by a man announcer talking in Afrikaans language. Woman announcer with news at 0400. At 0406 music bridge followed by a man with station ID, more talk and short music bridge and announcements. Fair.
- 3345.0 SOUTH AFRICA Channel Africa – Meyerton, 0356-0418 Jul 18, music until station ID at 0400 followed by music fanfare and a woman announcer mentioning "good morning" before launching into the new sin English.
- 4925.2 BRAZIL Radio Educacao Rural - Tefé, 0210-0251* Aug 3, several men speaking in the Portuguese language with occasional short instrumental music segments and brief announcements. Another man announcer with closing ID and announcements; no anthem. Poor.
- 5125.0 PUERTO RICO. Arecibo, 2125-2138 Jul 30 and 0105-0130 Jul 31, noted early with poor signal but later with excellent carrier strength with tones. Interesting stuff.
- 6250.0 EQUATORIAL GUINEA (Fernando Poo). Radio Nacional – Malabo, 0005-0034 Jul 28 and subsequent evenings, lively Afro pops music and occasionally some Spanish language talk. Nice to see this station reactivated. Poor to fair.
- 7210.0 ALBANIA China Radio International – Cerrik, 2336-2358* Jul 19, Spanish language program with talk by a woman announcer until closing station ID and closedown announcements. Fair to good.
- 7295.0 FRANCE Radio Algerienne – Issoudun, 0432-0458* Aug 6, man announcer taking in the Arabic language with some Middle Eastern vocals. Off mid-song. Fair signal.
- 7425.0 NEW ZEALAND. Radio New Zealand International – Rangitaiki, 1119-1137 Jul 30, some sort of music program hosted by a woman announcer with English language talks. Nice station ID at 1130 followed by news with a man announcer. Fair signal but noisy conditions and fading.
- 9680.0 KUWAIT Radio Free Asia – Umm al-Rimam, 0141-0158* Jul 11, woman announcer talking in listed Tibetan language. Mix of instrumental music and talks until closedown by a man and woman at 0157. Poor to fair.
- 9935.0 GREECE Voice of Greece – Avlis, 2105-2127 Jul 31, Program of Greek vocals hosted by a man announcer with Greek language talk. Good signal.
- 11600.0 CLANDESTINE Denge Kurdistan – Grigoriopol, 2004-2052 Jul 31, Several men and woman in a lively discussion in the Kurdish language. At 2029, some instrumental music followed by a man announcer with talk. Fair signal. Re-check at 2104 but station gone.
- 11725.0 NEW ZEALAND Radio New Zealand International – Rangitaiki, 0330-0351 Jul 18, nice "RNZI" station ID followed by the Business News in the English language. Male rap vocals at 0348. Good signal.
- 11730.0 VATICAN Vatican Radio – Santa Maria de Galeria, 0126-0139* Jul 11, male vocal selection followed by a woman announcer talking with two men in listed Malayalam language. Flute music at 0138 followed by Vatican's IS. Poor to fair.
- 11880.0 AUSTRIA Adventist World Radio – Moosbrunn, 2123-2130* Jul 21, man announcer with long English language religious talk. At 2127, vocal selection interrupted by a female announcer with station ID and closedown announcements. Another woman announcer with closing prayer followed by trumpet music until carrier terminated. Fair.
- 11915.0 SAUDI ARABIA Broadcasting Service of the Kingdom of Saudi Arabia – Riyadh, 2206-2227 Jul 10, man with recitations followed by some talk in the Arabic language by a man announcer. Fair to good.
- 11965.0 CLANDESTINE Radio Erena – Kostinbrod, 1704-1800* Jul 13, long time between loggings of this one with woman announcer speaking in listed Tigrinya language followed by a man and woman talking. Some music at 1722 before switching to Arabic language program at 1730. A man announcer with closedown announcements including station ID at 1756. Poor to fair signal but very deep fades.

- 11995.0 FRANCE Radio France International – Issoudun, 1913-1926 Aug 1, French pop vocals followed by a discussion by a man and woman announcers in the French language including nice station ID. Fair to good signal.
- 12015.0 OMAN Radio Sultanate of Oman – Thumrait, 0008-0035 Aug 3, man announce with Arabic language talks followed by recitations. Fair to good.
- 13585.0 UNITED ARAB EMIRATES KBS World Radio – Dhabayya, 2016-2100* Jul 19, Arabic language program with talk by a man and woman announcers. Brief instrumental music segments but program consisted mainly of talks. Music fanfare at 2058 followed by station ID and closedown announcements over instrumental music which continued until carrier terminated. Poor to fair.
- 15140.0 OMAN Radio Sultanate of Oman – Thumrait, 1652-1725 Aug 2, pop vocals program hosted by a man announcer with English language talks, IDs (“Radio Sultanate of Oman ... 90.4 ...”) and announcements. Poor to fair.
- 15570.0 VATICAN Vatican Radio – Santa Maria de Galeria, 1605-1630* Aug 2, man announcer speaking in the Swahili language with numerous mentions of “Christo”. Short vocals selection and more religious talk. IS at closedown. Fair.

Thanks a lot to our club members for your contributions:

- MF : Michael Frese, Osnabrueck, Germany. Grundig Yachtboy with telescopic aerial.
- RAD : Richard A. D’Angelo, Wyomissing, PA, USA. Ten-Tec RX-340, Drake R-8B, Eton E1, Lowe HF-150 with Alpha Delta DX Sloper, Datong FL3.
- SG : Siegbert Gerhard, Frankfurt am Main, Germany. AOR 7030 with EMF antenna & Grundig Satellit 700 with Telescopic antenna.
- ZC : Zeljko Crncic, Mainz, Germany. SANGEAN ATS 909 with ALA100M loop antenna (40x40 cm).

Dear Friends,

Welcome to the August edition of our Logbook.

Thanks to our regular contributors.

Till next time,

Ashok Kumar Bose



	<h2 style="margin: 0;">QSL CORNER</h2> <p style="margin: 0;">Editor: Dario Gabrielli, Viale della Resistenza 33b, IT-30031 Dolo (Ve), ITALY eMail: <qsl@wwdxc.de></p>	
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Bulgaria: "From the Isle of Music" 9400 kHz. Cuban music. Full data e-QSL received in 1 day for report to: <tilfordproductions@gmail.com> (AG)

France: Radio Taiwan International 9590 kHz. Via Issoudun. Russian programme. Full data QSL card 2017 - 3 "peacock Feathers" received in 48 days for a report to Russian section: <russ@rti.org.tw> (AG)

Germany: Radio Free Asia 15720 (Via Lampertheim), Uighur Programme. Full data QSL card "IBB Kuwait Relay Site " received in 33 days for report to: <qsl@rfa.org> (AG)

Atlantic 2000 International 6070 kHz (Rohrbach Waal). The program in French. Full data e-QSL "Music on shortwave" Received in 9 days for report to: <atlantic2000International@gmail.com> (AG)

India: AIR { All India Radio} 15140 kHz Via Banglore. Russian program. Full data QSL card "Qutub Minar, Mehrauli, Delhi" received in 40 days for report to Russian section: <air.esdrus@gmail.com> (AG)

Lithuania: NHK World (via Sitkunai) 5910 kHz. Russian programme. Full data QSL card "Primrose Woodland Fairies" received in 101 days for report to Website: <http://www.nhk.or.jp> (AG)

People's Republic of China: National Radio of China 17. 9630 kHz (Lingshi), Kazakh program. Full data e-QSL " Lake Namtso. Tibet" received in 1 day. For report to: <yinglian@cri.com.cn> (AG)

Sao Tome and Principe: IBB (VoA) SAO - 4, 6080 kHz. English program. Full data QSL - letter. Received in 52 days for report to: <hmenezes@bbg.gov> (AG)

Taiwan: Radio Taipei Intl. 12030 kHz (Huwei) Russian program. Full data QSL card "Happy Birthday - 88 RTi" Received in 25 days for report to Russian section: <russ@rti.org.tw> (AG)

UNITED KINGDOM: Radio Taipei International 3955 kHz (via Woofferton). Test Program in French. Full data QSL card (2017 - 3) received in 82 days for report to the French section: <fren@rti.org.tw> (AG)

U.S.A.: RFA 9990 kHz (via Tinian). Korean programme. Full data QSL card commemorates 2017 as the Year of the Rooster received in 54 days for report to: <qsl@rfa.org> (AG)

The reporter of this edition of QSL CORNER has been:

AG = Alexander Golovikhin (Togliattigrad, Russia)

Unfortunately this month we have again only one contributor for this page. Most likely during this month the radio stations did not answer to your listeners or various members of WWDXC didn't write any reception reports. I hope that in the next months the readers of this monthly can send us their contributions and enclose pictures of their QSL card in .jpg format to publish on this page. I remember that the next deadline to contribute for this page is on **6th October 2017 at 23.00 UTC/GMT** so we allow all editors to take a rest until then

Dario



We are pleased to verify your report of reception of From the Isle of Music on SPACELINE
STATION/FREQUENCY: SPACELINE, 9400 KHZ
LOCATION OF TRANSMITTER: KOSTINBROD, BULGARIA 100KW
DATE/TIME OF BROADCAST: 18 JUNE 2017, 1543-1600 UTC
NAME OF LISTENER: ALEXANDER GOLOVIKHIN
LOCATION: TOGLIATTI, RUSSIA
RADIO USED: DEGEN 1103 w/ longwire
SIMPO: 35343
ALEXANDER, THANK YOU FOR LISTENING!

A Cuban Rock club in Vedado, Havana, May 2017

CANADA 150

CANADA - Radio Facts (and semi-facts) about Canada - in honour of Canada's Sesquicentennial Celebration

This July Canadians celebrated the 150th Anniversary of Confederation. The actual date when Canada became a country was July 1, 1867, joining together the British colonies of Canada, New Brunswick and Nova Scotia. To mark this event, this month's Classroom is devoted to some facts, semi-facts and speculation about the history of radio in Canada, and some important names of those Canadians who made contributions to radio over the past century or so.

The first license granted to a radio station in Canada is generally considered to be station XWA. Started in 1919, XWA was an acronym for eXperimental Wireless Apparatus. XWA was owned by the Canadian Marconi Company in Montreal, and its first broadcast to an audience is assumed to be May 20, 1920 on 250 kHz, which would make it almost 6 months before KDKA began commercial broadcasts. The station moved then to 682, 730 and 600 kHz, using the call letters CFCF ("Canada's First, Canada's Finest"). The station later became known as CIQC, then CINW when it moved to 940 kHz. The station also rebroadcast its transmissions on shortwave -- CFCX Montreal on 6005 kHz. The station closed in 2010.

Many of the MW stations that operated in the 1920s were owned by city newspapers. These included the following:

CKCI Quebec City, PQ CJGC London, ON
 CKAC Montreal, PQ CKCK Regina, SK
 CHVC Toronto, ON CJCA Edmonton, AB
 CFCA Toronto, ON CHBC Calgary, AB
 CJCS Hamilton, ON CFCA Calgary, AB
 CJCF Kitchener, ON CKCD Vancouver, BC

There were other stations who began in the 1920s as well. The beginning of Canadian MW was much like that of other countries: news only a few times a day, local talent, live programs, and a lot of music. Drama and comedy programming were added as time progressed. FM Radio in Canada was actually introduced prior to World War II.

In 1938 station VE9AK began operating in Toronto on 42 MHz, owned by Rogers Standard Broadcasting. North America had briefly toyed with the idea of having the FM band in this area, but then changed to the present 88-108 MHz area. VE9AK became CFRB-FM in 1947 on 99.9 which today is station CKFM.

Other early FM stations include VE9E-FM on 99.1 in Toronto, now CBC station CBL-FM on 94.1; VE9CB on 98.1, now SRC (Société Radio-Canada, the French portion of the CBC) station CBFX-FM on 95.1; VE9BH from Queen's University, Kingston Ontario in 1944, now CFRC-FM, first on 91.9 and now on 101.9, known as Radio Queen's University. Many other FM stations also began broadcasting in the late 1940s.

Some well-known Canadian radio stations' call letters are actually acronyms for important events/times in radio history:
 CFCF 600 kHz Montreal, PQ -- "Canada's First, Canada's Finest"
 CFRB 1010 kHz Toronto, ON -- "Canada's First Rogers Batteryless"
 CHF1 98.1 MHz Toronto, ON -- "Canada's High Fidelity"
 CFXU 92.5 MHz Antigonish, NS -- "St. Francis Xavier University"



The Canadian Broadcasting Corporation (CBC-English) and Radio-Canada (SRC-French) began in earnest in 1936, and remains Canada's national voice on the air. CBC/SRC offers programming in English and French, as well as a number of aboriginal languages (see also the Aboriginal Voices Network). The basic mandate of the CBC is to offer primarily Canadian programming to listeners both at home and abroad.

There have been a number of wonderful programs over the years at the CBC, including "The World at Six", "As It Happens", "Morningside", "Tapestry", "Quirks and Quarks", "Definitely Not The Opera", "Royal Canadian Air Farce" and "The Vinyl Cafe".

Currently CBC Radio has five different outlets: CBC Radio One, CBC Radio Two and CBC Radio Three in English, and Ici Radio-Canada Première and Ici Musique in French. These can be heard on MW, FM and via the Internet.

The shortwave arm of Canadian radio broadcasting was originally known as the CBC International Service when it began test transmissions in late 1944. Also known as the "Voice of Canada", regular broadcasts began in 1945 and 1946 to various places in the world. In 1970 the name of the Canadian SW station was changed to Radio Canada International which over time (along with its earlier counterpart) broadcast in 21 different languages to the world.

There was also a CBC Radio Nord Quebec and CBC Northern Service that was available on SW via RCI's transmitters in Sackville, NB. My favourite frequency over the years (and the first one on which I heard RCI) was 9625 kHz [earlier had second transmitter on 6065 night/11720 day --- gh]. RCI ended SW transmissions in 2012, although there is still a webpage with podcasts available on the Internet at <http://www.rcinet.ca>

The Aboriginal Voices Radio Network began operations in Toronto in 2002, and spread over a number of outlets in the past 15 years. Rebranded as "Voices Radio" in 2014, this network fulfilled a local and national need for native peoples in Canada to have access to news, culture and music in their own language, especially where the CBC aboriginal programming was not available. Unfortunately, the five remaining outlets of Voices Radio were denied license renewals in 2015 as the CRTC stated they were not adhering to their mandate of mainly aboriginal programming. The CRTC has since had calls for applications by new stations to carry on the nature of "Voices Radio", as well as a company that would take over the network.

The regulatory body for Canada was originally the Ministry of Marine and Fisheries, in accordance with the Radiotelegraph Act of 1913. In 1932, the Canadian Radio Broadcasting Commission was created to be the sole license-issuing and governing body for radio broadcasting. The Radio Commission was superseded by the Canadian Broadcasting Corporation in 1936, with a major undertaking of showcasing Canada and Canadian content.

The Broadcasting Act of 1958 began a new era of regulating both radio and TV, governed by the BBG (Broadcast Board of Governors). This however was short-lived, and in 1968 the group which authorized radio (and TV) broadcasting was the CRTC (first known as the Canadian Radio Television Commission, now called the Canadian Radio-TV and Telecommunications Commission). The CRTC is still responsible for radio broadcasting today.

Although the following list is far from being complete, here are a baker's dozen of important, historical and familiar people in Canadian Radio:

Reginald Fessenden -- 19th/20th century Canadian inventor, known for his work in developing radio technology. He is known for the first transmission of the spoken word in 1900, and for being perhaps the first person to broadcast music in 1906.

Edward (Ted) Rogers Sr. -- Born in 1900 in Toronto, Rogers Sr. is known for being the first person on this side of the Atlantic to learn about the sinking of the Titanic. More importantly, he was known for his innovations in radio technology, including the batteryless radio in 1925.

Edward (Ted) Rogers Jr. -- Following in his father's footsteps, Rogers Jr. was the founder and CEO of Rogers Communications, which developed radio technology and later various types of digital communication.

Foster Hewitt -- Hewitt, born in 1902, was perhaps best known for his radio commentary on Hockey Night in Canada. As a sportscaster, his famous line "He shoots, he scores" is remembered by many a Canadian hockey fan.

Gordon Sinclair -- while working in Toronto, Sinclair was known for his newspaper reporting, editorial pieces, his writing and his work as a commentator and reporter for CFRB during the 1920s through to the 1980s.

Lorne Greene -- given the nickname "The Voice of Doom" because of his deep voice when reporting the news. Greene was a broadcaster at Queen's University and then the CBC before he began starring in TV roles such as Bonanza and Battlestar Galactica in the USA.

Lloyd Robertson -- Although Robertson is more well-known as being the anchor of CTV National News and other news commentary, he began his career working at CJCS radio in Stratford, ON in 1952. Later he went on to work at radio station CJOY in Guelph before being hired by the CBC (and later CTV).

Peter Mansbridge -- Well-known as being the anchor of CBC News and CBC The National, Mansbridge also began his broadcasting career on radio. His first job was playing records and doing the evening news reports on Churchill, MB station CHFC, and then worked for CBW in Winnipeg before moving to television.

Barbara Frum -- Frum was born in the USA, but her family moved to Niagara Falls, ON early in her life. She spent most of her radio (and TV) career working for the CBC, and was one of the first hosts of the now-famous program "As It Happens" as well as a host for the CBC TV news program "The Journal".

Alan Maitland -- Another host of "As It Happens", Maitland began his broadcasting career with the CBC in 1947. When RCI broadcast in the second half of the 20th century and beyond, a particular story called "The Shepherd" read by Maitland was a favourite among shortwave listeners. [at Xmas]

Ian McFarland -- Ian was a broadcaster for RCI and Radio Japan and was a popular voice heard on shortwave. The two programs Ian is noted for are the Radio Canada Shortwave Club and the Shortwave Listeners Digest. You can find references to his continuing work and his SW recordings at the SWLing Post on the Internet.

Peter Gzowski -- Gzowski was the host of many radio programs on CBC, including "This Country in the Morning" which later became known as "Morningside". A noted newspaper reporter, essayist and broadcaster, he was the first person in Canada to hold a golf tournament to support literacy.

Stuart McLean -- Along with Jean Shepherd and Garrison Keillor, Stuart McLean is one of the grand storytellers in radio. McLean was also host of "Morningside" on the CBC, and his own show entitled "The Vinyl Cafe" was one of the best storytelling radio shows of all time.

There are so many sources that contributed to this column on the history of radio in Canada. I'd like to thank various sources on Wikipedia, the CBC Archives, the History of Radio Broadcasting website, the Canadian Radio-television and Telecommunications Commission, Radio Canada International, Passport to World Band Radio, the World Radio-TV Handbook, columns in issues of our own Listening In magazine & ODXA website, the book Radio Wizard (about Ted Rogers Sr.), among others. It is nice to know the history behind some of the stations, organizations and people who made radio what it was and still is in Canada today.

Until next time, '73, keep smiling and keep listening,

(J O E Robinson, BEGINNER'S CLASSROOM FOR July 2017, ODXA Listening in via DXLD)

Largest DRM Deployment in the World Expanded with Six More Nautel Transmitters

All India Radio adds to massive digital radio deployment with four 100 kW and two 200 kW NX transmitters.

Hackett's Cove, Nova Scotia — Nautel Limited has shipped six additional high-power DRM-enabled MW transmitters for deployment at All India Radio, the largest digital broadcasting system in the world. Four 100 kW NX100 and two 200 kW NX200 transmitters were shipped to India in July 2017 for installation in six cities. The transmitters will be commissioned by Nautel's in-country partner Comcon in association with India's Prasar Bharati.

The July, 2017 shipment of 6 NX transmitters complements the 27 NX transmitters which are already on air with DRM transmission throughout India. The massive project has the goal of bringing digital radio to nearly a billion residents of the country. The new transmitters will be installed at All India Radio (AIR) facilities in Hyderabad, Jagdalpur, Vishakhapatnam, Bhawanipatna, Jeypore and Sambalpur. All 33 transmitters in the AIR project are configured for DRM30 operation.

Nautel NX high power transmitters occupy a very small footprint and offer the industry's highest efficiency (90%) along with AM pre-correction, unmatched linearity and Nautel's exclusive, award-winning Advanced User Interface which provides commercial grade instrumentation, spectrum analyzer, logging, presets, local and remote transmitter control, email notifications and enhanced support services.

"Nautel is excited to partner with Comcon and Prasar Bharati on this extensive project," said Kevin Rodgers, Nautel President and CEO. "With this system fully deployed in all parts of India, AIR is uniquely positioned to serve the different dialects and regional needs of its billion listeners. It's a shining example of the capabilities digital broadcasting can provide throughout the world."

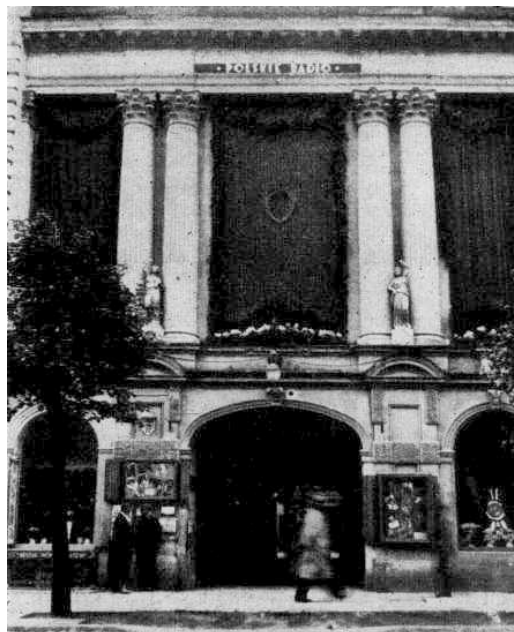
Nautel MW and FM transmitters will be demonstrated at the upcoming IBC show in Amsterdam on stand 8.C49. For more information on the All India Radio project, visit <<http://www.nautel.com/AIR>>.

(Nautel Press Release via Alokesh Gupta, VU3BSE, New Delhi <alokeshgupta@gmail.com> August 4, 2017)

Polskie Radio Wilno (1927-1939)

Vilnius, first mentioned as the capital of the Lithuanians in 1323, has a rich history and unfortunately also a share in the dramas of the 20th century. In the context of the First World War, in 1918 a re-independent Lithuania was proclaimed, with Vilnius as its capital. However, Poland and the Soviet Union kept on fighting for region. Despite international recognition for an independent Lithuania, Poland occupied the area around Vilnius on 9 October 1920.

The rest of world did not care much about the occupation, but tensions between Poland and Lithuania with the interim capital Kaunas remained high. On 12 June 1926, broadcasting began in Lithuania. This made it advisable that Polskie Radio also showed a presence in the region. While Kaunas used a long wave frequency of 150 KHz (7 KW), the Polish response came on medium wave. According to <http://old.radiopolska.pl/wykaz/archam.php?pid=39>, Polskie Radio Wilno started testing on 690 KHz (500 watts, antenna on two masts of 45 m) in November 1927.



Polskie Radio Wilno Building 1938 (Source: Wikipedia)

The official opening of the fourth Polish regional station was on 15 January 1928, at 5 pm. On 17 September 1995, the German service of Polskie Radio had a short feature on Radio Wilno and cited the director of Polskie Radio, Dr. Zygmunt Chamiec, with these words from the opening speech: "The programme philosophy of our new broadcasting station is drawn from the old and famous traditions which have been part of Wilno's history for centuries. For centuries, Wilno has been a living example of humanity that is scarcely found in the history of mankind: a wonderful fraternisation of peoples, their unification into an ideal and cultural whole - not by force, but by an open development, mutual intercourse, serving the same sublime goals and ideals."

Polskie Radio Wilno became known for its music broadcasts and radio plays. This is not surprising. Radio Wilno had the biggest discotheque in Poland in those years: more than 10000 records from all over the world, with a special focus on folk music. Often, radio broadcasts from Radio Wilno were relayed by all Polskie Radio stations. Programme director Witold Hulewicz (1895-1941) was one of the most interesting and original figures of prewar radio in Poland. Czesław Miłosz (1911-2004, 1980 Nobel Prize for Literature), who worked at Radio Wilno in 1936/37, said of Witold Hulewicz: "He was a poet, a journalist, a translator of Rainer Maria Rilke's poems. Radio Wilno was basically his work. I had met him in 1935, although he was just moving to Warsaw. He was also unusually active in the social life of Vilnius ..." (Polskie Radio 17 September 1995) Witold Hulewicz knew how to gather people around him who, through their knowledge and ability, contributed to Radio Wilno's fame. A bitter irony of fate is that he, who knew and loved the German language and literature, was killed by Germans. After the Nazi Germany's invasion of Poland, Witold Hulewicz worked for a year in the resistance movement. In 1940 he was arrested, in 1941 he was killed in a mass execution.

There are two internet sites documenting the frequency usage of Polskie Radio Wilno. Unfortunately, the data are partly contradictory. According to <http://old.radiopolska.pl/>, Polskie Radio Wilno used 658 KHz for some months in 1929 and then moved 779 KHz. On 26 May 1931, a new transmitter (16 kW) in Vilnius-Lipówki was switched on to 1229 KHz. According to <http://old.radiopolska.pl/>, Wilno would have changed to 536 KHz on 20 October 1936. This does not correspond, however, to historical sources provided by Sigitas Žilionis at <http://www.zilionis.lt/history/pamineti>. These sources list Radio Wilno on frequencies in the 530-range. In fact, the medium wave band plan agreed on in Lucerne (1933) assigned 536 KHz to Wilno. On 20 October 1936, the transmission power was increased to 50 kW.

In the Hitler-Stalin Pact of 23 August 1939, Germany and the Soviet Union agreed on the division of North-East Europe. After the German invasion of Poland, the USSR occupied its share. With the invasion of Wilno by Soviet troops on 19 September, the story of Polskie Radio Wilno came to an end. Historical pictures can be found at <http://www.historiaradia.neostrada.pl/Stacja%20w%20Wilnie.html> and <http://www.zilionis.lt/history/index1.php?e>. In the presentation of Polskie Radio Białystok at <http://www.radio.bialystok.pl/>, it is mentioned that after the World War radio people from Wilno found refuge in Białystok and participated with wire radio broadcasts.

(Dr. Hansjoerg Biener, Germany)



AFN CELEBRATES 75 YEARS

Today it is a shadow of its former self, but many of our European members will have grown up with American Forces Radio as an important presence on the MW radio dial. At its peak in the early 1960s it claimed millions of listeners across all of Europe, when local broadcasters on both sides of the Iron Curtain were generally drab government broadcasters.

American Forces Radio began May 26th 1942. One of the U.S. military's biggest accomplishments in post-war Europe was unintentional: the music the GIs listened to on the radio made a deep, positive impact on Europeans that continues today.

Prior to AFN's arrival, Nazi Germany had banned most American music, as "decadent," and even after the Americans first arrived, state-run German radio didn't play English language music. When rebuilding began after World War II, American soldiers seldom mixed with locals. Regulations prohibited it and few spoke the local language.

But some curious Europeans chose to invite the GIs' radio station into their home, car or restaurant: the American Forces Network Europe, known throughout the world as AFN. Many Europeans wanted to hear the rich diversity of jazz, blues, country and rock music that wasn't airing on their country's radio stations.

AFN never intended or tried to broadcast to host nationals. As a matter of fact, the network took extraordinary measures to not reach them. AFN's linked radio transmitters used special broadcast patterns targeted where the Americans were stationed, the music and the talk was all in English and most transmitters were low-powered, so planners didn't think many people living in Germany, Italy, France, Austria or Belgium would bother tuning in. But they did.

Historian Dr. John Provan said a survey in AFN's early years indicated the military network was reaching a potential listening audience of 50 million Europeans.

AFN began broadcasting from locations in France, Austria, Italy, Germany and Belgium, and was heard, despite restrictions, in Paris, Vienna, Frankfurt, Berlin, Munich and other major population centers. While many transmitters were low-powered, some were "sound monsters," with the Munich and Weisskirchen, Germany, AM transmitters reaching much of Europe.

At night, the Weisskirchen signal skipped across the English Channel into the United Kingdom. AFN first broadcast from BBC studios in London on July 4, 1943, but American broadcasts in the island nation ended after the war.

Ironically, a generation of English-speaking kids was among those trying hardest to pick up the faint American radio signal because in the 1950s, Brits weren't hearing jazz, blues and rock on their local radio stations.

One of the lads listening in was Led Zeppelin front man Robert Plant. He talked to David Letterman about why he chose the crackly distant AFN signal over local radio stations in the United Kingdom.

"We didn't have the same cultural exchange you had. We didn't have Black America," he said. "We couldn't turn our dial and get an absolutely amazing kaleidoscope of music.

(In the UK) now and then, if you were lucky, there was this American Forces Network radio coming out of Germany. If you were lucky, you could hear Muddy Waters or Little Richard coming through the waves."

Plant and Zeppelin's lead guitarist, Jimmy Page, both say American blues and jazz heavily influenced their music. They got that exposure by listening to the American military's radio network in the 1950s.

"To hear current releases, you tuned in AFN and hoped that you could catch the title of something after they played it," Page said in an interview with Rolling Stone Magazine.

At the same time another future musician, Van Morrison, was struggling to tune in AFN as a boy growing up in Northern Ireland. The singer of rock classics "Brown Eyed Girl" and "Moon Dance" even wrote a song about trying to listen to AFN back then called "In the Days Before Rock and Roll."

The impact of AFN on Bill Wyman, the bass player for the Rolling Stones for 31 years, was even stronger. He was a British soldier stationed in Germany listening to AFN Munich at night.

According to the German audio magazine "Schau ins Land," Wyman said he was so fascinated with what he was hearing that he went out and bought a guitar to play, and that without AFN Munich he would not have become a musician and certainly would not have been with the Rolling Stones.

AFN played a major role in introducing American country music to the Europe. In Germany, clubs featuring line dancing, Western garb and country music popped up in the '70s and '80s, such as the huge club "Nashville" near Nuremberg.

Germans started forming bands such as Truck Stop, with country songs in German. In one tune, they sang about wanting to listen to Dave Dudley, Charlie Pride and Hank Snow but AFN was too far away. German radio stations started their own country music DJ shows.

German radio and TV personality Fritz Egner said the Munich-based producers of Donna Summer's disco classics listened to AFN for inspiration. Another Munich based group, Silver Convention ("Fly Robin Fly") used an AFN newscaster for one of their tracks.

Egner said an early '60s German newspaper survey indicated more than twice as many Germans were listening to AFN than Americans. "AFN was probably the best ambassador for the U.S. in the post-war era," said Egner. "It was sort of like a radio station from another planet. They played the music we didn't hear and presented it in a different kind of way."

Egner got his broadcasting start with AFN, where he was known as AFN Munich's tap dancing engineer. His side-kick role on AFN led to a German radio station hiring him as a DJ. He then went on to host several popular German TV programs, including a version of Candid Camera.

Around Europe, other stations were looking for AFN DJs to bring their "crazy" American style of show to their airwaves. In Belgium, one of the biggest classic rock DJs on the air today started with AFN SHAPE, Patrick Bauwens. Radio Luxembourg hired former AFN Soldier Benny Brown and he's still playing the hits.

AFN Berlin's Air Force Sgt. Rik De Lisle left the military to become a radio DJ and program director for German radio. AFN Nuremberg's Mike Haas, left the Army to become the founding program director of radio station Antenne Bayern in 1988 and still works in Germany as a media consultant.

AFN music served as a bridge with the United States and a generation of future politicians. Germany's foreign minister and vice chancellor from 1998-2003, the Green Party's Joschka Fischer, said the music he listened to on AFN heavily influenced him.

According to the book "Joschka Fischer and the Making of the Berlin Republic," when asked who had a more profound influence on him, Bob Dylan or Karl Marx, Fischer snapped, "Clearly Bob Dylan. His music has always been a highly emotional thing for me; I wanted to be free."

Other Green Party officials felt a similar bond with AFN. When the American military was about to leave Berlin and Frankfurt, Green Party leaders asked if AFN could stay, not realizing that the network was as much a part of the American military as the infantry.

A politician from another German party, the CDU's former state of Hessen Minister Roland Koch, said he learned to speak English by listening to AFN. He, like a generation of Germans now in their 40s- through-60s, started to listen for the music, then got interested in learning English to understand the lyrics.

It was during my two years as an Army staff sergeant DJ in AFN Nuremberg, from 1979 to (19)81, that I personally came to understand the depth of the impact AFN had made on its "shadow audience" of non- American listeners. Both happened when I was doing the morning show with the air name, "Gorgeous George."

While that moniker could have gotten me sued for truth in advertising, it was a lot more memorable than my real name, George Smith. At least one host national agreed with me.

One night I went to the biggest disco in town and was shocked to hear him open his microphone, call himself AFN's Gorgeous George and proceed to use some of my favorite corny lines from my shows. Color me shocked but flattered.

An ever bigger surprise came later that year when the buzzer to our station rang and an American wearing civilian clothes walked in with a younger man shadowing him. It turned out the younger man listened to my show in then-communist Czechoslovakia, escaped across the border and now wanted to meet me.

I asked him why he listened to AFN and he replied in hesitant English, "We get Voice of America in our village, but we like listening to you. You are a Soldier talking to other Soldiers you're going to tell them the truth."

While AFN still has loyal European listeners, there are fewer of them, because now many European radio stations sound like U.S. stations. In Germany, some stations play almost all English-language music.

Stations even have names like Big FM, Planet Radio or You FM. Sometimes the only hint you'll get that you're listening to a German station is when you hear a song with a chorus of non-bleeped out profanity that could turn the baby's formula to cheddar or melt the FCC's complaint line. English language bad words don't count as bad words on German radio.

The fact that Europeans sought out our music and folded it into their culture is something every American can take pride in. Europeans value our diverse music. Our nation didn't try to sell them or influence them to listen. They chose to. So without trying, American service members' music made a major positive impact on European culture and their AFN radio network forged a lasting bond with the European people.

(personal footnote: I owe my introduction to MW DXing and listening entirely to AFN. Around 1970 I managed to get my hands on my father's Telefunken receiver (bought through the US PX on base since my father taught American Forces English literature courses!). Sitting in a darkened room watching the green "magic-eye" flicker as I tuned the dial I eventually stumbled upon AFN.

Somehow I sent them a reception report (I'm sure I didn't know it by that name) and to my amazement I received a QSL in the post. My first QSL! And so my DXing hobby started... - Editor [Steve Whitt] (via Medium Wave News July-August 2017 via DXLD)

A minor point: "AFN" it was known in Europe, but elsewhere, AFRS, or later AFRTS. Also the A was originally for Armed, later softened to American.

(Glenn Hauser-OK-USA, ex-American Forces Thailand Network, 1969-1970, hc dx and dxld July 12 via wb)

Working at a numbers station, a story from a numbers stations operator

Our site has various articles and documents showing the use of numbers stations. Yet, never before have we had an account from a person who has "worked at the numbers stations". This person whose name we will not disclose has shared his story in working in foreign radio transmission base six decades ago. While his story carefully conceals what was the station and to whom it broadcasted, it tells us the basics of numbers stations operation. Much of it has not changed, only the technological level has improved, although some of the stations use similar techniques even now. This original account from the person who has made his service is believable and is source in numbers stations history by its own kind. We hope this account will help to understand the numbers stations better and shows the reality behind the complex intelligence service that involves larger numbers of men and women and our hero of the story. Here is the story of being a numbers stations operator:

Working at a numbers station 6 decades ago was not much different than working at an AM broadcast station. Located on a WWII old Naval Base it consisted of one building surrounded by a double chain link fence inside which older local men drove pickup trucks around for security. Inside the building there was a workshop, two 20,000-watt AM shortwave transmitters, crystal controlled oscillators, and a soundproof booth with a record player and records of well-known music in a language and culture common to the target. Outside the compound was an antenna farm with a log periodic antenna,

a rhombic, and a couple dipoles. No “domes” as this was long before satellite commo.

I lived, with my wife, about a mile from the site and would drive through a back road to the location, be admitted by security through each gate, and park, and relieve the other op who, after briefing me, was free to go home. My job was to follow a schedule, select the proper frequency at the proper time, tune the transmitter, hit the plate voltage, play the record the schedule told me to, and then recite the messages arranged in five-number groups of numbers in the appropriate language into the microphone in the recording booth. This was all done live and, as far as I know, no recordings were kept.

The purpose of all this was to send messages to spies implanted in an enemy (or target) country. However not all – or even not many – of the broadcasts were actually messages. Usually they were simply the numbers from a one-time-pad. Agents knew that a particular music selection would tell them whether they needed to actually copy the message (that it was, in other words, “real”). Wrong music, they turned off their receivers and ignored it. Right music they’d copy it, decode it from their copy of a one-time-pad and follow the instructions.

Working at a numbers station requires no more skill than working at an AM broadcast station as far as technical ability goes. Everyone who worked inside the compound was cleared for top secret as well as clearances specific to the job at hand. We were all fairly high skilled people (I went on to a career in engineering afterwards) capable of far more complex tasks but this was the job assignment.

The security guards were “unwitting” (as far as I know) of the true nature of the installation although I suspect rumors abounded. There was no “fraternization” between the guards and the tech staff and I did not ever learn their names.

My wife knew nothing about what I did although she did know the basics of who I worked for.

The biggest excitement of that job involved snakes. One night a guard shot two of the biggest poisonous snakes I’ve ever seen. They later hung them up on the inner 12’ chain link fence and they had to be six or seven feet long. I think that the guard who shot the snakes almost had a heart attack! The other story involved a snake which had somehow gotten into the building and then into one of the big xmtrs and wrapped itself around one of the final amplifier tubes to stay warm. When a tech hit the plate power switch it cooked itself. It didn’t smell like chicken, either.

Other than that it’s just a job. The messages were all prepared somewhere else by someone else and delivered to us along with the schedule. We all had high level clearances but we never knew who we sent these to or what the real ones might have said. This sort of compartmentalization was (and is) common.

I often thought of those for whom the messages were intended... how they felt, where they were... whether they were in an attic or shed or stranded somewhere copying down a message that was a threat to their very lives on a radio that was a death penalty to simply be in possession of. I was very careful to do it right.

I have to say that it is nice to have had jobs they make movies about; however inaccurately. I once showed my son a documentary about another one of my jobs, which is nice. Although I am not entirely sure he believed me. Obviously what I wrote above is true but no classified information was included. It was all many decades ago, anyway, and nothing remains of that numbers station today.

People at a numbers station – and at other jobs involving intelligence – are neither heroes nor villains. Mostly we do our jobs as well as we can. The times I write about were a period of war – however hot or cold it was – and we were caught up in it. It’s a difficult and sometimes dangerous career with our families often in danger, too. Lots of stress and long periods of time living in a culture different from one’s home.

While you might be able, even now, to copy numbers stations, the agents to whom their transmissions are directed to, will not be using any methods you can intercept today (or even back then). The technology of that has changed enormously. But numbers stations remain one of the easiest ways to get a covert message to an agent in a restricted area even today.

This account is direct unedited copy of the text the person telling this story has sent us. The accuracy and legitimacy of this account is on the good will of the person who had by our request shared his story. We believe memories are to be displayed in their raw text as they were told by this person. The authenticity of written or oral memories are always under professional review and to be confirmed by using archive documents or other accounts. We have responsibility for this account, should the person requests to remove or there is other reason, we reserve right to remove it.

(Article from <<http://www.numbers-stations.com/articles/working-at-a-numbers-station>>)

RFA COMMEMORATES 21 YEARS WITH NEW QSL SEPTEMBER 2017

Radio Free Asia (RFA) announces its 21st anniversary QSL. Bringing free press to closed societies, RFA's first broadcast was in Mandarin on September 29, 1996 at 2100 UTC. This redefines our QSL designs incorporating **one graphic into four separate QSL cards** and giving listeners options submitting reception reports. You will receive ¼ of the design for one reception report, or get the full sheet when sending us at least four reception reports. This is RFA's 65th QSL design and is used to **confirm all valid RFA reception reports from September – December 2017**.



Full sheet of RFA's 21st Anniversary QSLs



Individual RFA 21st Anniversary QSLs

Created by Congress in 1994 and incorporated in 1996, Radio Free Asia (RFA) broadcasts in Burmese, Cantonese, Khmer, Korean to North Korea, Lao, Mandarin (including the Wu dialect), Vietnamese, Tibetan (Uke, Amdo, and Kham), and Uyghur. RFA strives for accuracy, balance, and fairness in its editorial content. As a 'surrogate' broadcaster, RFA provides news and commentary specific to each of its target countries, acting as the free press these countries lack. RFA broadcasts only in local languages and dialects, and most of its broadcasts comprise news of specific local interest. More information about Radio Free Asia, including our current broadcast frequency schedule, is available at www.rfa.org. RFA encourages listeners to submit reception reports. Reception reports are valuable to RFA as they help us evaluate the signal strength and quality of our transmissions. RFA confirms all accurate reception reports by mailing a detailed QSL card to the listener. RFA welcomes all reception report submissions at <http://techweb.rfa.org> (follow the QSL REPORTS link) not only from DX'ers, but also from its general listening audience. Upon request, RFA will also send a copy of the current broadcast schedule and a station sticker. Reception reports are also accepted by email to <qsl@rfa.org> and by mail to:

Reception Reports
Radio Free Asia
2025 M. Street NW, Suite 300
Washington D. C. 20036
United States of America

Aktueller Sendeplan auf der RFA-Homepage:

<<http://www.rfa.org>>

RFA's AJ via Siegbert Gerhard, Frankfurt

SWL / Media Programs in English, German & Spanish

March 26 – October 28, 2017 – V4 As of Aug 20th, 2017

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e-mail: <mail @ wwdxc.de>

URL: <<http://www.wwdxc.de>>

DX & Media news, receiver reviews, radio features, letterbox programmes, tuning tips, propagation, satellites, computers, amateur radio and radio theory.

2nd Figures behind language symbols En, Ge or Sp, indicate weeks of the month. Times and days in UTC.

STL – Satellite transmission. drmm = DRM – digital mode

Monday

0009 RHC Habana, E, "DXers Unlimited" – 5040 USA/CAN
 0030 WRMI, E, AWR Wavescan – 5950
 0040 RRI Bucharest, E, Listener's Letterbox – 7375 9730
 0045 WRMI, E, "Viva Miami" – 9955
 0100 WRMI, E, "Viva Miami" – 11580
 0109 RHC Habana, E, "DXers Unlimited" – 6000 6145 USA/CAN
 0130 WRMI, E, AWR Wavescan – 9955
 0135 RHC Habana, Sp, "En Contacto" – 5040 6060 9535
 11670 11760 11840 13740 15230 NoAM/LatAM
 0200 WRMI, E, AWR Wavescan – 11580
 0200 RRI Bucharest, Sp – 7375 9510 9730 11945
 0209 RHC Habana, E, "DXers Unlimited" – 6000 6145 USA/CAN
 0230 WRN NoAmerica, AF, AS, Pac, "World of Radio", Satellite
 0300 WBCQ, E, World of Radio via Area 51 – 5130v
 0309 RHC Habana, E, "DXers Unlimited" – 6000 6145 NoAM
 0330 WRMI, E, World of Radio – 9955
 0330 WBCQ, E, Hobart R International via Area 51,
 DXextra Shortwave and Radio Nx – 5130v
 0340 RRI Bucharest, E, Listener's Letterbox –
 7375 9730 11825 15220drmm
 0400 WRMI, Sp, Frecuencia al Dia – 9955
 0409 RHC Habana, E, "DXers Unlimited" – 6000 6145 NoAM
 0430 HCJB Quito, G – 3995 7365 Weenermoor EUR
 0509 RHC Habana, E, "DXers Unlimited" –
 5040 6000 6060 6100 6145 NoAM
 0609 RHC Habana, E, "DXers Unlimited" –
 6000 6060 6100 6145 NoAM
 0630 HCJB Quito, G – 3995 7365 Weenermoor EUR
 0800 WRMI, E, Media Network Plus – 5850
 0930 HCJB Quito, G – 3995 7365 Weenermoor EUR
 1000 WRMI, Sp, La Rosa de Tokio – 5850 9455
 1030 AIR Delhi, E, "Faithfully Yours" 603drmm 1053 7270
 13605 13695 15410 15770 17510irr 17895
 1100 WRMI, E, AWR Wavescan – 9455
 1130 WRMI, Sp, Antena DX – 5950
 1140 RRI Bucharest, E, Listener's Letterbox –
 13770 15130 17670 21570
 1145 WWCN Nashville, E, "Australian DX Report" – 15795
 1315 WRMI, E, AWR Wavescan – 9955
 1335 DeutschlandFunk Cologne, G, Medias-res
 1345 WRMI, E, "Viva Miami" – 9955
 1430 AIR Delhi, E, "Faithfully Yours" 9690 13720
 1500 KVOH Voice of Hope, Sp, Frecuencia al Dia – 17775
 1500 DARC Radio, via ch292 Rohrbach, G – 6070

1500 HCJB Quito, G – 3995 7365 Weenermoor EUR
 1630 Amateur Radio Today, via Sentec, E – 3230mey
 1740 RRI Bucharest, E, Listener's Letterbox – 11810 13660drmm
 1800 HCJB Quito, G – 3995 7365 Weenermoor EUR
 1900 DARC Radio, via ch292 Rohrbach, G – 6070
 1900 HCJB Quito, G – 3995 7365 Weenermoor EUR
 1910 AIR Delhi, E, "Faithfully Yours" – 7550 9445
 9950irr 11580irr 11670irr 11935 13695 17670
 2000 ch292 Rohrbach, E, "DigiDX" digital modes – 6070
 2000 WRMI, Russian, Radiopanorama – 9455 11580
 2015 WRMI, E, "Viva Miami" – 9955
 2030 WRMI, E, AWR Wavescan – 9455 11580
 2100 WRMI, Sp, La Rosa de Tokio – 9455 9955 15770
 2100 WWCN Nashville, Sp, Frecuencia al Dia – 6115
 2200 WRMI, E, AWR Wavescan – 9955
 2210 AIR Delhi, E, "Faithfully Yours" 7550 9445
 9910 9950irr 11620 11670irr 11740
 2230 WRMI, Sp, Frecuencia al Dia – 9955
 2240 RRI Bucharest, E, Listener's Letterbox –
 7325 7430 9760 9790
 2300 WRMI, E, "Viva Miami" – 11580
 2330 WBCQ, E, World of Radio – 9330v-cusb mode

Tuesday

0000 WRMI, E, AWR Wavescan – 7730
 0005 AIR Delhi, E, "Faithfully Yours"
 6045 9445irr 9690 9705irr 11645 11710irr
 0030 WRMI, E, World of Radio – 7730
 0030 WRMI, Sp, Antena DX – 5950
 0100 WRMI, E, "Viva Miami" – 11580
 0130 WRMI, E, AWR Wavescan – 11580
 0130 WRMI, Sp, Frecuencia al Dia – 9955
 0330 WRMI, E, AWR Wavescan – 9955
 0415 WRMI, E, "Viva Miami" – 9955
 0430 WRMI, E, AWR Wavescan – 5985
 0510 NHK R Japan, RJ Manual, E – 5975mos 11970iss
 0700 Radio Belarus Minsk, G – 6005 Kall relay
 0800 Radio Belarus Minsk, G – 6005 Kall relay
 1030 WRMI, It, Studio DX – 5850 9455
 1100 WRMI, E, World of Radio – 9455
 1110 NHK R Japan Tokyo, RJ Manual, E – 11695sng
 1130 WRMI, Sp, Frecuencia al Dia – 5950
 1140 RRI Bucharest, E, DX Mailbag –
 13770 15130 17670 21570
 1330 WRMI, E, "Viva Miami" – 9955
 1335 DeutschlandFunk Cologne, G, Medias-res
 1410 NHK R Japan, RJ Manual, E – 11705pal 11935uzb
 1740 RRI Bucharest, E, Listener's Letterbox – 11810 13660drmm
 1810 NHK R Japan Tokyo, RJ Manual, E – 9755mey
 1900 RRI Bucharest, Sp – 11850 13810
 1930 RHC Habana, E, "DXers Unlimited" – 15140 NoAM
 1932 BBCWS "Click" E – DAB UK, 1413oma NE / ME
 3255mey 6190mey 7445mdg SoAF
 9410uae 11910asc 13660wof 15400asc AF
 1940 NHK R Japan, RJ Manual, E – 9480yam 9710smg
 2100 WRMI, E, AWR Wavescan – 9455 15770
 2100 RRI Bucharest, Sp – 13810 17745
 2130 WRMI, E, World of Radio – 9455 15770
 2130 WBCQ, Sp, Frecuencia al Dia – 7490

2145 WRMI, E, "Viva Miami" – 9955
 2200 Radio Belarus Minsk, G – 3985 Kall relay
 2230 WRMI, E, Hobart R International
 DXextra Shortwave and Radio Nx – 9955
 2240 RRI Bucharest, E, Listener's Letterbox –
 7325 7430 9760 9790
 2300 WRMI, E, "Australian DX Report" – 9955
 2300 RRI Bucharest, Sp – 9760 11700 11800 13730
 2300 Radio Belarus Minsk, G – 3985 Kall relay
 2330 WBCQ, E, World of Radio – 9330v-cusb mode
 2330 RHC Habana, E, "DXers Unlimited" – 5040 AM 11880 AF

Wednesday

0030 WRMI, E, AWR Wavescan – 5950
 0040 RRI Bucharest, E, Listener's Letterbox – 7375 9730
 0100 WBCQ, E, Amateur Radio Roundtable –
 5130v or 9330v-cusb mode
 0100 WRMI, E, Media Network Plus – 11580
 0130 RHC Habana, E, DXers Unlimited – 6000 6145 USA/CAN
 0145 WRMI, E, "Viva Miami" – 9955
 0200 WTWW, E, "QSO Radio Show" by Ted Randall, – 5085
 0200 WBCQ, E, Amateur Radio Roundtable –
 5130v or 9330v-cusb mode
 0200 RRI Bucharest, Sp – 7375 9510 9730 11945
 0230 RHC Habana, E, DXers Unlimited – 6000 6145 NoAM
 0300 WTWW, E, "QSO Radio Show" by Ted Randall, – 5085
 0300 WRMI, Sp, La Rosa de Tokio – 9955
 0330 RHC Habana, E, DXers Unlimited – 6000 6145 USA/CAN
 0340 RRI Bucharest, E, Listener's Letterbox –
 7375 9730 11825 15220drm
 0430 RHC Habana, E, DXers Unlimited – 6000 6145 NoAM
 0430 WRMI, Sp, Antena DX – 5985
 0432 BBCWS "Click" E – UK DAB
 1413oma 12095oma 13580oma NE / ME
 0530 RHC Habana, E, "DXers Unlimited" –
 5040 6000 6060 6100 6145 NoAM
 0630 RHC Habana, E, "DXers Unlimited" –
 6000 6060 6100 6145 NoAM
 0632 BBCWS "Click" E – 6190mey 7445mey SoAF
 15420mdg AF
 1000 WRMI, E, AWR Wavescan – 5850 9455
 1030 WRMI, E, World of Radio – 5850 9455
 1130 WRMI, E, AWR Wavescan – 5950
 1247 Voice of Turkey, E, Letterbox, fortnightly – 15450
 1315 WRMI, E, World of Radio – 9955
 1335 DeutschlandFunk Cologne, G, Medias-res
 1345 WRMI, E, "Viva Miami" – 9955
 1530 BBC R4, "The Media Show", E –
 LW 198, MW, FM, DAB, STL, livestream online
 1647 Voice of Turkey, E, Letterbox, fortnightly – 15520
 1830 ch292 Rohrbach, E, Radio IBC, Italy – 6070
 1847 Voice of Turkey, E, Letterbox, fortnightly – 9785
 1930 WWCR Nashville, E, "Ask WWCR" – 15825
 2015 WRMI, E, "Viva Miami" – 9955
 2047 Voice of Turkey, E, Letterbox, fortnightly – 9620
 2100 WBCQ, E, World of Radio – 7490v
 2115 WRMI, E, "Viva Miami" – 9455 15770
 2130 WRMI, E, AWR Wavescan – 11580

2130 WRMI, Sp, Frecuencia al Dia – 9455 15770
 2217 Voice of Turkey, E, Letterbox, fortnightly – 9830
 2300 WRMI, E, "Viva Miami" – 11580
 2330 WBCQ, E, World of Radio – 9330v-cusb mode

Thursday

0030 WRMI, E, AWR Wavescan – 7730
 0030 WRMI, Sp, Frecuencia al Dia – 5950
 0100 WRMI, E, AWR Wavescan – 9955
 0130 WRMI, E, AWR Wavescan – 11580
 0300 WRMI, It, Studio DX – 9955
 0317 Voice of Turkey, E, Letterbox, fortnightly – 6165 9515
 0345 WRMI, E, "Viva Miami" – 9955
 0415 WRMI, E, "Viva Miami" – 9955
 1100 WRMI, Sp, Frecuencia al Dia – 9955
 1130 WRMI, Sp, Antena DX – 5950
 1300 WRMI, E, AWR Wavescan – 9955
 1300 WRMI, It, Studio DX – 11580
 1335 DeutschlandFunk Cologne, G, Medias-res
 1345 WRMI, E, "Viva Miami" – 9955
 1740 RRI Bucharest, E, Listener's Letterbox – 11810 13660drm
 2130 WRMI, E, World of Radio – 11580
 2130 WRMI, E, AWR Wavescan – 9455 15770
 2200 WRMI, Sp, La Rosa de Tokio – 9955
 2200 WRMI, Sp, La Rosa de Tokio – 5950 11580
 2240 RRI Bucharest, E, Listener's Letterbox –
 7325 7430 9760 9790
 2330 WBCQ, E, World of Radio – 9330v-cusb mode
 2330 WBCQ, E, Broad Spectrum Radio – 7490v

Friday

0000 WRMI, E, AWR Wavescan – 7730
 0030 WRMI, E, AWR Wavescan – 5950
 0040 RRI Bucharest, E, Listener's Letterbox – 7375 9730
 0100 WRMI, E, Radio IBC / ARG DX Actuality – 9955
 0315 WRMI, E, "Viva Miami" – 9955
 0340 RRI Bucharest, E, Listener's Letterbox –
 7375 9730 11825 15220drm
 0430 WRMI, E, "Viva Miami" – 5985
 1000 WRMI, E, "Viva Miami" – 5850 9455
 1030 WRMI, Sp, Frecuencia al Dia – 5850 9455
 1130 WRMI, Sp, Frecuencia al Dia – 5950
 1335 DeutschlandFunk Cologne, G, Medias-res
 1345 WRMI, E, "Viva Miami" – 9955
 1500 KVOH Voice of Hope, Sp, Frecuencia al Dia – 17775
 1530 BBC R4, Feedback, E – LW 198, MW, FM, DAB, online
 1900 ch292 Rohrbach Ingolstadt, E, "BCL News" – 6070
 1940 R Taiwan Int, G, ADDX DX px, **2nd** – 6185wof
 2000 WRMI, E, AWR Wavescan – 9455 11580
 2015 WRMI, E, "Viva Miami" – 9955
 2030 WRMI, Sp, Frecuencia al Dia – 9455 11580
 2100 WWCR Nashville, Sp, Frecuencia al Dia – 6115
 2130 WRMI, It, Studio DX – 9455 15770
 2200 WRMI, E, Media Network Plus – 9955
 2300 WRMI, E, "Viva Miami" – 9955 11580
 2300 RAE Buenos Aires, Sp, Actualidad DX.com.ar – 11710

2330 WBCQ, E, World of Radio – 9330v-cusb mode

Saturday

0000 and 0100-0145 WBCQ, E, Allan Weiner Worldwide, Area 51, – 5130cusb 7490
 0000 WRMI, Sp, Frecuencia al Dia – 7730
 0015 WRMI, E "Australian DX Report" – 9955
 0030 WRMI, Sp, Frecuencia al Dia – 5950
 0030 WRMI, E, AWR Wavescan – 7730
 0115 WRMI, E, "Viva Miami" – 11580
 0130 WRMI, E, Radio IBC / ARG DX Actuality – 11580
 0300 WRMI, Sp, Frecuencia al Dia – 9955
 0415 WRMI, E, "Viva Miami" – 9955
 0430 WRMI, Sp, Frecuencia al Dia – 5985
 0430 HCJB Quito, G, AGDX-px by Olaf Mertens **4th** – 3995 7365 Weenermoor EUR
 0615 R France Internat, E, "The Sound Kitchen" – 11905/13725
 0630 HLR via Goehren-Germany,E, World of Radio – 6190cusb
 0630 HCJB Quito, G, AGDX-px by Olaf Mertens **4th** – 3995 7365 Weenermoor EUR
 0825 KBS World Radio Seoul, E, "Listeners Lounge" mailbag show – 9570 AS
 0900 WRN Europe, World of Radio, / Sky Channel E
 0930 HCJB Quito, G, AGDX-px by Olaf Mertens **4th** – 3995 7365 Weenermoor EUR
 1005 WDR5 Cologne, Toene/Texte/Bilder, G – FM, STL, DAB-S
 1100 WRMI, E, AWR Wavescan – 9455 9955
 1105 DeutschlandRadio Kultur, Berlin, G, Breitband Media
 1130 WRMI, E, AWR Wavescan – 5950 9955
 1140 RRI Bucharest, E, DX Mailbag – 13770 15130 17670 21570
 1145 Voice of Turkey, G – 13760
 1200 HLR Goehren-Germany, E, "Chelmsford Calling", **3rd** – 7265cusb
 1245 WRMI, E, "Viva Miami" – 9455 9955
 1252 Voice of Turkey, E, Letterbox, fortnightly – 15450
 1300 RAE Buenos Aires, Sp, Actualidad DX.com.ar – 15345
 1320 SR2 Saarebruck, Medienwelt, G – FM, STL Astra, DAB-S
 1325 KBS World Radio Seoul, E, "Listeners Lounge" mailbag show – 9570 AS 15575 AM
 1400 HLR Goehren, E, PCJ "Media Network Plus", – 7265cusb
 1400 E, Radio IBC / ARG DX Actuality – 9400sof
 1425 KBS World Radio Seoul, E, "Listeners Lounge" mailbag show – 9880 AS
 1427 RRI Bucharest, G – 9600 11910
 1430 HLR Goehren-Germany, E, World of Radio – 7265cusb
 1500 HCJB Quito, G – 3995 7365 Weenermoor EUR ex **4th**
 1500 HCJB Quito, G, AGDX-px by Olaf Mertens **4th** – 3995 7365 Weenermoor EUR
 1600 SW Panorama [digital tests MFSK32] E – 9400sof EUR
 1625 KBS World Radio Seoul, E, "Listeners Lounge" mailbag show – 9515 9640 AS
 1630 Voice of Turkey, Sp – 11930
 1652 Voice of Turkey, E, Letterbox, fortnightly – 15520
 1700 WRN NoAmerica, PCJ Radio "Media Network Plus"
 1700 RAE Buenos Aires, G, Die DX Neuigkeiten com.ar – 15345

1730 WRN NoAmerica, "World of Radio" Glenn Hauser
 1730 Voice of Turkey, G – 9840
 1740 RRI Bucharest, E, Listener's Letterbox – 11810 13660drm
 1750 BBCWS "Over to You", E – DAB UK, 1413oma NE / ME 3255mey 6190mey 7445mdg SoAF
 9410uae 15400asc 17780asc 17830asc AF
 6195oma 9410uae NE / ME
 1800 RAE Buenos Aires, E, DX Actuality – 15345
 1800 HCJB Quito, G, AGDX-px by Olaf Mertens **4th** – 3995 7365 Weenermoor EUR
 1811 RRI Bucharest, G – 7220drm 9775
 1825 KBS World Radio Seoul, E, "Listeners Lounge" mailbag show – 7275 AS
 1852 Voice of Turkey, E, Letterbox, fortnightly – 9785
 1900 WTTW, E, "QSO" with Ted Randall – 9475
 2000 WTTW, E, "QSO" with Ted Randall – 9475
 2000 HCJB Quito, G, AGDX-px by Olaf Mertens **4th** – 3995 7365 Weenermoor EUR
 2045 WRMI, E, "Viva Miami" – 9455 11580
 2051 KBS World Radio Seoul, G – 3955wof EUR
 2052 Voice of Turkey, E, Letterbox, fortnightly – 9620
 2100 RAE Buenos Aires, G, Die DX Neuigkeiten com.ar – 15345
 2106 Radio NZ Internat., E, Mediawatch – 13840 PAC
 2200 WBCQ, E, Shortwave Saturday Night – 7490v
 2200 WRMI, Sp, La Rosa de Tokio – 5950
 2200 RAE Buenos Aires, Sp, Actualidad DX.com.ar – 15345
 2222 Voice of Turkey, E, Letterbox, fortnightly – 9830
 2225 KBS World Radio Seoul, E, "Listeners Lounge" mailbag show – 11810 EUR
 2230 WBCQ, E, World of Radio – 9330v-cusb mode
 2240 RRI Bucharest, E, Listener's Letterbox – 7325 7430 9760 9790
 2300 WRMI, E, World of Radio – 11580
 2315 WRMI, Russian, Radiopanorama – 11580
 2330 WRMI, E, Hobart Radio International – 11580
 2334 IPAR/IRRS, E, World of Radio – MW 567 846 1368 irr.

Sunday

0000 WRMI, E, AWR Wavescan – 7730
 0004 CFRX Toronto, E, Geeks & Beats – 6070
 0030 WRMI, E, AWR Wavescan – 5950
 0030 WRMI, E, Radio IBC / ARG DX Actuality – 7730
 0040 RRI Bucharest, E, Listener's Letterbox – 7375 9730
 0100 Voice of Turkey, Sp – 9770 9870
 0125 KBS World Radio Seoul, E, "Listeners Lounge" mailbag show – 11810 AS
 0200 WRMI, E, World of Radio – 11580
 0200 WTTW, E, "QSO" with Ted Randall – 5085
 0225 KBS World Radio Seoul, E, "Listeners Lounge" mailbag show – 9580 9690 AS
 0300 WTTW, E, "QSO" with Ted Randall – 5085
 0300 RAE Buenos Aires, E, DX Actuality – 11710v
 0322 Voice of Turkey, E, Letterbox, fortn. – 6165 9515
 0330 WRMI, E, Hobart R International DXextra Shortwave and Radio Nx – 9955
 0330 WWCN Nashville, E, "AWR Wavescan" – 4840
 0340 RRI Bucharest, E, Listener's Letterbox – 7375 9730 11825 15220drm

- 0510 NHK R Japan Tokyo, Friends Around the World, E – 5975mos 11970iss
- 0600 WRMI, SW Radiogram [digital MFSK32 mode], E – 7730
- 0700 Radio Belarus Minsk, G – 3985 Kall relay
- 0800 Amateur Radio Today, via Sentec, E – SW 7082lsb 7205mey 17660mey
- 0800 Radio Menschen & Geschichten, Nauen G
last week – 6045nau 7310kl
- 0800 Radio Belarus Minsk, G – 3985 Kall relay
- 0844 InfoRadio, Rundfunk Berlin-Brandenburg (rbb), G, Medienmagazin – FM, DAB+, STL Astra digital
- 0900 DARC Radio, via ORS Moosbrunn, G – 6070
- 0900 WRN Europe, PCJ Media Network Plus, / Sky Channel E
- 0945 WWCR Nashville, E, "Ask WWCR" – 4840
- 0950 BBCWS "Over to You", E – DAB UK
- 1000 Radio Menschen & Geschichten, Kall relay G **last w.** 6005
- 1012 Radio NZ Internat., E, Mediawatch – 7425 PAC
- 1030 HLR Goehren-Germany, E, World of Radio – 9485cusb
- 1030 WRMI, E, AWR Wavescan – 5850 9455
- 1030 ch292 Rohrbach, It/E, "BCL News" Italy – 6070
HRI DX Extra Shortwave and Radio Nx **3rd**
- 1045 WRMI, En, "Viva Miami" – 9955
- 1110 NHK R Japan Tokyo, "Friends Around the World", E – 11695sng
- 1130 WRMI, E, AWR Wavescan – 5950 9955
- 1140 RRI Bucharest, E, Listener's Letterbox – 13770 15130 17670 21570
- 1200 AWR Wavescan Zambia, E, AF – 9680 13680
- 1205 BR5 Munich, Medienmagazin, G – FM, STL Astra digital, DAB+, Livestream
- 1245 WRMI, E "Australian DX Report" – 9455 9955
- 1324 InfoRadio, Rundfunk Berlin-Brandenburg (rbb), G, Medienmagazin – FM, DAB+, STL Astra digital
- 1410 NHK R Japan Tokyo, "Friends Around the World", E – 11705pal 11935uzb
- 1435 RHC Habana, Sp, "En Contacto" – 9550 9640 9710 9820 11760 15370 17580 17730 17750 NoAM/ LatAM
- 1435 BR5 Munich, Computermagazin, G – FM, STL Astra digital, DAB+, Livestream
- 1530 AWR Wavescan Asia Guam, E, CHN/IND – 15670nau
- 1600 AWR Wavescan Asia Guam, E, AS/IND – 11975trm
- 1600 AWR Wavescan Asia Guam, E, AS/IND – 11985uzb
- 1600 ch292, E, HRI DX Extra SW and Radio Nx **3rd** – 6070
- 1635 BR5 Munich, Computermagazin, G – FM, STL Astra digital, DAB+, Livestream
- 1700 Radio Menschen & Geschichten, Kall relay G
last week – 3985
- 1730 WRN NoAmerica, PCJ Media Network Plus E
- 1740 RRI Bucharest, E, Listener's Letterbox – 11810 13660drm
- 1800 Radio Menschen & Geschichten, Yerevan Gavar relay G
first Sunday – 6145
- 1800 HCJB Quito, G, AGDX-px by Olaf Mertens **4th** – 3995 7365 Weenermoor EUR
- 1810 NHK R Japan, "Friends Around the World", E – 9755mey
- 1835 BR5 Munich, Netzmagazin, G – FM, STL Astra digital, DAB+, Livestream
- 1900 RRI Bucharest, Sp – 11850 13810
- 1902 BBC R4, Feedback, E – LW 198, MW, FM, DAB, online
- 1909 RHC Habana, E, "DXers Unlimited" – 15140 NoAM
- 1940 NHK R Japan Tokyo, "Friends Around the World", E – 9480yam 9710smg PAC/AF EUR
- 2000 WRMI, Sp, Frecuencia al Dia – 9955
- 2000 HCJB Quito, G, AGDX-px by Olaf Mertens **4th** – 3995 7365 Weenermoor EUR. RWI on **1st** week
- 2015 WRMI, E, "Viva Miami" – 11580
- 2015 WRMI, E, "Viva Miami" – 9455 11580
- 2030 WRMI, E, "DigiDX" MFSK32 "Radiogram" – 9455 11580
- 2100 RRI Bucharest, Sp – 13810 17745
- 2104 IPAR/IRRS, E, World of Radio – MW 567 846 1368 irr.
- 2145 ARD Infonacht, Rundfunk Berlin-Brandenburg (rbb), G, Medienmagazin [repeat] – FM, DAB+, STL Astra digital
- 2200 WRMI, E, AWR Wavescan – 9955
- 2232 BBCWS "Click" E – UK DAB
3915sng 5890sng 5950oma 6195sng 9890oma AS
- 2235 RHC Habana, Sp, "En Contacto" – 15370 EUR 5040 6000 11670 11840 11950 13740 15230 LatAM
- 2240 RRI Bucharest, E, Listener's Letterbox – 7325 7430 9760 9790
- 2300 WRMI, E, AWR Wavescan – 11580
- 2300 RRI Bucharest, Sp – 9760 11700 11800 13730
- 2309 RHC Habana, E, "DXers Unlimited" – 5040 AM 11880 AF
- 2330 WBCQ, E, World of Radio – 9330v-cusb mode
- 2330 WRMI, E, "DigiDX" digital modes, MFSK32 – 11580
- Experimental RAE broadcasts via WRMI FL-USA at present.
0100 9395
0600 7730
0700 5850 7730
0800 and 0900 5850
1300, 1400, 2100, 2200 11580
2200 5950 kHz.
- Web sites for DX & Media programmes:
many of these have live or archived audio or programme scripts.
- Ask WWCR: <www.wwcr.com/ask-wwcr.html>
Australian DX Report: <adrx.podbean.com>
AWR "Wavescan": <http://awr.org/program/engmi_wav-2/>
Happy Station/Media Network Plus:
<www.pcjmedia.com/medianetworkplus>
Hobart Radio Int "DX Extra" <www.hriradio.org>
NHK Radio Japan
<https://www3.nhk.or.jp/nhkworld/en/radio/howto/#shortwave_radio>
KBS World Radio: <world.kbs.co.kr/english>
World of Radio: <www.worldofradio.com>
WRMI: <www.wrmi.net>
(thanks to BrDXC-UK British DX Club item)

WORLDWIDE DX CLUB

WORLDWIDE DX CLUB, founded in 1966, does not claim to be the biggest or best DX club in the world. Nevertheless, it offers its members and subscribers a rather good monthly bulletin (mainly in English) entitled "DX MAGAZINE" with up-to-date information on most aspects of DX'ing at the reasonable price of €18.00, £15.25 or US\$24.50 per year (air mail: €21.60, £18.30 or US\$29.40).

Since WORLDWIDE DX CLUB is the "International Department" of ARBEITSGEMEINSCHAFT DX (AGDX), the head organization of the German language DX clubs, it is able to offer its members and subscribers another DX publication in German entitled "Radio-Kurier - weltweit hören". This is jointly issued by the German DX organizations ADDX and AGDX and is available for €59.00 per year inside Germany; other countries: €70.00, £59.30 or US\$95.25. "Radio-Kurier - weltweit hören" ordered together with "DX MAGAZINE": €74.00 inside Germany; other countries: €85.00, £72.00 or US\$115.70.

Both publications, "DX MAGAZINE" as well as "Radio Kurier - weltweit hören", are also available as PDF files. If you decide to receive this version, a worldwide subscription rate of €9.00, £7.65 or US\$12.25 applicable for "DX MAGAZINE". "Radio Kurier - weltweit hören" is available for €35.00, £29.65 or US\$47.65, both publications together for €41.00, £34.75 or US\$55.80.

WORLDWIDE DX CLUB has currently the following special publications available:

1. "REPORTING GUIDE", published by the EUROPEAN DX COUNCIL (€2.00 or 2 IRC's).
2. "EDXC RADIO COUNTRIES LIST 2007", published by the EUROPEAN DX COUNCIL (€2.00 or 2 IRC's).
3. "WORLD RADIO TV HANDBOOK 2017", published by WRTH Publications Limited in December 2016 (€42.00, including postage and packing inside Europe).
4. "DAS OHR ZUR WELT" (Eine Einführung in den Rundfunk-Fernempfang, herausgegeben von der ARBEITSGEMEINSCHAFT DX e. V.) (€2.00 or 2 IRC's).

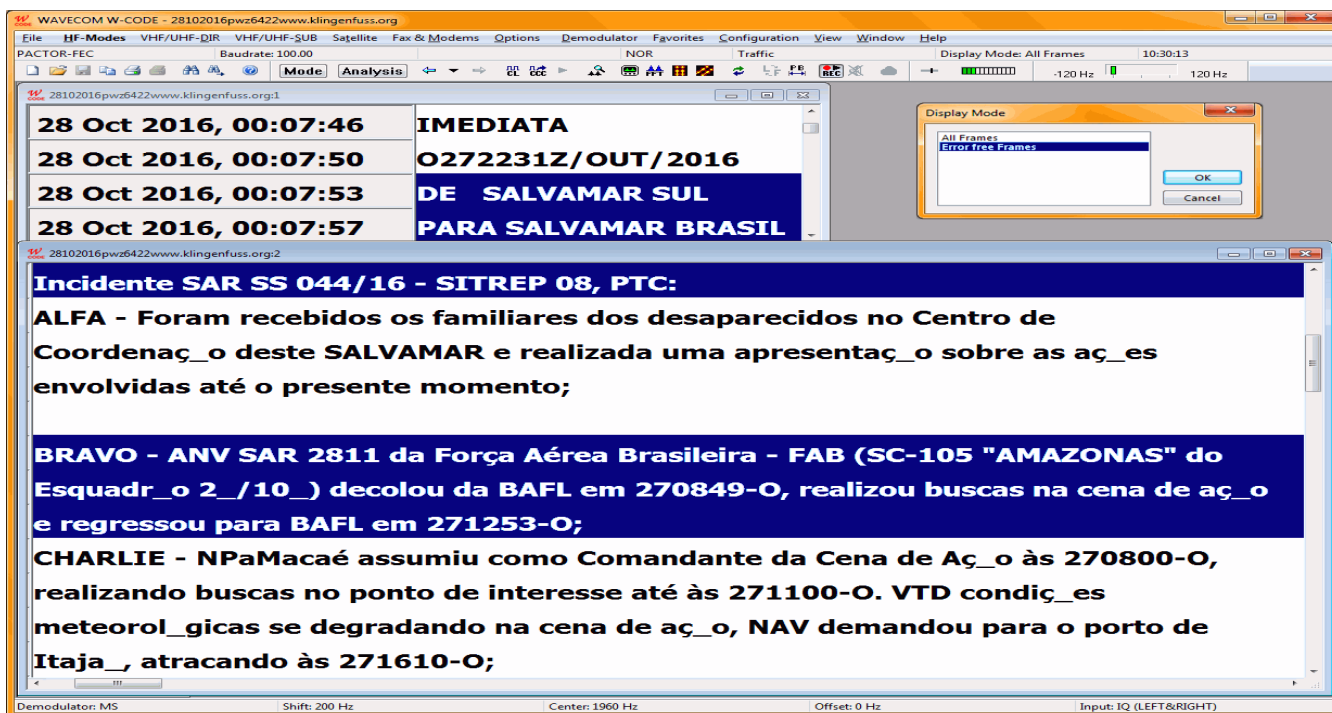
These prices include postage and packing. Delivery against advance payment by PayPal, International Money Order, cheque in € drawn on a German bank (otherwise please add €5.00 for bank charges), cheque in US\$ drawn on a US bank, cash in any convertible currency, Postal Money Order or transfer to our 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).

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For further information on WORLDWIDE DX CLUB please write to: WORLDWIDE DX CLUB, Postfach 1214, D-61282 Bad Homburg, GERMANY (e-mail: <info@wwdxc.de>), or visit us in the Internet at <<http://www.wwdxc.de>>.

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