

Stations logged from Newfoundland by Jean Burnell in 2020

5 to 15 November, from Cappahayden NL: receivers: three Microtelecom Perseus; antennas: 5-15 Nov 500 m North (17°), 6-7 Nov 150 m roughly North-West, 7-14 Nov 350 m South (156°), 8-10 Nov Wellbrook Communications ALA100LN 20 m circumference loop (172°/352°), 10-11 Nov 260 m North (358°), 11-14 Nov ALA100LN 55 m circumference loop (145°/325°)

freq	country	station	location	UTC date	from	peak SINPO
198	UK / England	BBC Radio 4	Droitwich <i>et al.</i>	2020.11.07	2100	45454
529.999	Argentina	Somos Radio	Buenos Aires	2020.11.09	0259	13332
530	Canada	CHLO	Brampton ON	2020.11.13	0900	33433
531	Algeria	Jil FM	F'Kirina / Ain El Beida	2020.11.14	1959	33443
531	Botswana	Radio Botswana	Maun	2020.11.12	2130	223X1
531	Faroe Islands	Kringvarp Føroya	Akraberg	2020.11.12	2031	32422
531	Romania	Radio România Actualități	Petroșani	2020.11.12	2030	33423
540	Kuwait	Radio Kuwait Main Pgm	Mubarak Al-Kabeer	2020.11.12	2030	32432
540	USA	WFLF	Pine Hills FL	2020.11.15	1000	32432
549.000	India	All India Radio	Ranchi	2020.11.13	0023	22432
550	Colombia	HJHF Radio Nacional de Colombia	Marinilla	2020.11.11	0900	23332
550	USA	KFYR	Bismark ND	2020.11.09	0959	33343
550	USA	WGR	Buffalo NY	2020.11.14	0600	33343
558	Egypt	ERTU Cultural Pgm <i>(note 1)</i>	Abu Zabal / Cairo	2020.11.09	2000	324X1
558.000	India	All India Radio	Mumbai	2020.11.14	2354	22321
559.992	Brazil	ZYH887 Rádio Educadora do Maranhão	São Luís MA	2020.11.14	0259	34444
560	USA	WQAM	Miami FL	2020.11.13	1100	33343
570	Greenland	KNR	Nuuk	2020.11.14	0600	213X1
576	Algeria	Radio Algérienne	Béchar	2020.11.13	2300	33343
575.995	India	All India Radio	Kalavoor / Alappuzha	2020.11.13	0018	13431
580	Argentina	LW1 Radio Universidad de Córdoba	Córdoba	2020.11.14	0300	22421
580	Brazil	ZYJ465 Rádio Relójo	Rio de Janeiro RJ	2020.11.14	0600	33333
585	India	All India Radio	Nagpur	2020.11.12	0018	22431
594	Nigeria	Radio Nigeria Kaduna	Jaji / Kaduna	2020.11.13	2001	21XX1
594	Saudi Arabia	SBA Call of Islam	Makkah	2020.11.12	0058	23343
600	Brazil	ZYH920 Rádio Mirante AM	São Luís MA	2020.11.13	2159	34343
600	Canada	CJWW	Saskatoon SK	2020.11.10	0959	33343
600	Canada	CKAT	North Bay ON	2020.11.13	1102	33433
600	USA	WBOB	Jacksonville FL	2020.11.10	0959	33333

600	USA	KSJB	Jamestown ND	2020.11.13	1000	23422
603.000	India	All India Radio	Ajmer / Jaipur	2020.11.10	0023	33433
603	Romania	Radio România Actualități	Botosani & Oradea	2020.11.13	2300	34443
603	Romania	Radio Oltenia-Craiova	Drobeta-Turnu Severin	2020.11.13	2300	224X2
603	UK / England	BBC Radio 4	Newcastle-upon-Tyne	2020.11.07	2102	23332
610	Brazil	ZYH321 Super Rádio Boa Vontade	Irاندuba / Manaus AM	2020.11.07	2259	22342
610	USA	WGIR	Manchester NH	2020.11.12	2100	14331
610	USA	KDAL	Duluth MN	2020.11.13	0300	34333
611.999	India	All India Radio	Bengaluru	2020.11.15	0023	23332
620	Brazil	ZYH590 Rádio Assunção Cearense	Fortaleza CE	2020.11.12	2059	32422
630	Kuwait	Radio Kuwait Qur'an Service	West of Abu Fatira Al-Herafia	2020.11.12	2030	33443
630	Romania	Radio Timișoara	Orțișoara / Timișoara	2020.11.13	2300	34444
648	Botswana	Radio Botswana	Mopipi / Orapa	2020.11.12	2130	14321
647.999	India	All India Radio	Indore	2020.11.12	0023	34333
648	UK / England	Radio Caroline	Orfordness	2020.11.14	0300	24332
650	Paraguay	ZP4 Radio Uno	Asunción	2020.11.13	0259	22332
657	Iran	IRIB Radio Gilan	Kiashahr	2020.11.14	0027	33333
657	Italy	RAI Radio 1	Pisa	2020.11.14	1959	33433
657	Saudi Arabia	SBA Koran Pgm	Rafha	2020.11.11	1957	22432
657	UK / Wales	BBC Radio Wales	Wrexham	2020.11.14	0022	32332
660	USA	KEYZ	Williston ND	2020.11.14	1100	14221
666	Iran	IRIB Radio Fars	synchros	2020.11.12	2029	44454
666	Spain	SER Radio Barcelona	Barcelona CA	2020.11.12	2057	33333
670	Brazil	ZYJ921 Rádio Cultura de Sergipe	Aracajú SE	2020.11.13	2159	24333
670	Cuba	Radio Progreso	unknown location	2020.11.09	1000	223X1
674.992	India	All India Radio	Chhatarpur	2020.11.12	0023	34333
675	Netherlands	Radio Mebo Twee via Radio Calypso	Oostwold	2020.11.12	2031	23332
680.000	Brazil	ZY1793 Rádio Grande Rio AM	Petrolina PE	2020.11.07	2100	34333
680	Canada	CJOB	Winnipeg MB	2020.11.11	0859	44444
683.983	India	All India Radio	Kozhikode	2020.11.13	0018	133X1
684	Russia	Radiostansia Radonezh	Sankt-Peterburg	2020.11.13	1959	33332
690	Brazil	ZY1532 Rádio Clube do Pará	Belém PA	2020.11.12	0057	23332
690.000	Brazil	ZYH587 Rádio Shalom	Fortaleza CE	2020.11.13	2300	43443
689.999	Cuba	Radio Progreso	Santa Clara	2020.11.11	1000	33333
693	Bangladesh	Bangladesh Betar	Dhaka	2020.11.13	0028	21431
693	Iran	IRIB Radio Khalij-e Fars	Bandar Lengeh	2020.11.10	2030	22432

693	Japan	JOAB NHK 2	Tokyo	2020.11.15	1000	14321
700	Argentina	LV3 Radio Córdoba	Córdoba	2020.11.14	0302	22432
699.997	Brazil	ZYK686 Nossa Rádio	São Paulo SP	2020.11.12	2200	34343
700	Ecuador	HCRS2 Radio Sucre	Guayaquil	2020.11.11	0857	33333
702	Iran	IRIB WS	Kiashahr	2020.11.12	0058	44334
702	Oman	BBC	A'Seela	2020.11.11	1959	54544
702	South Africa	LM Radio	Welgedacht	2020.11.12	0100	22332
711	Iran	IRIB Radio Khuzestan	Ahvaz	2020.11.12	2030	22332
719.999	India	All India Radio	Chennai	2020.11.11	0013	32332
720	Romania	Radio România Actualități	synchros	2020.11.10	0259	21431
729	Vietnam	Voice of Vietnam 2 (tent)	Đồng Hới	2020.11.13	2145	114X1
730	Brazil	ZYK523 Rádio Cidade	Jundiaí SP	2020.11.13	2201	23332
730	Paraguay	ZP7 Radio ABC Cardinal	Lambaré / Asunción	2020.11.14	0300	32442
738.000	India	All India Radio	Hyderabad	2020.11.13	0018	23332
747.000	India	All India Radio	Lucknow	2020.11.13	0023	23332
747.020	Iran	IRIB Radio Yazd	Yazd	2020.11.12	2029	33433
750	Brazil	ZYL213 Rádio América	Belo Horizonte MG	2020.11.13	2200	324X2
756	India	All India Radio	Jagdapur	2020.11.12	0025	23432
760.000	Argentina	LU6 Radio Atlántica	Mar del Plata	2020.11.13	0301	44444
760	USA	WCHP	Champlain NY	2020.11.11	2000	25343
765.000	India	All India Radio	Dharwad	2020.11.11	0023	44444
765	Mozambique	Emissor Provincial de Nampula	Nampula	2020.11.11	1958	24332
765	Sudan	SRTC Sudan Radio	Khartoum	2020.11.13	1957	24333
765	UK / England	BBC Essex	Baker's Wood / Chelmsford	2020.11.14	0600	24332
770	Canada	CHQR	Calgary AB	2020.11.10	1000	22332
770	Uruguay	CX12 Radio Oriental	Montevideo	2020.11.14	0557	34333
774.027	Iran	IRIB Radio Markazi	Arak	2020.11.12	2029	22432
774	Japan	JOUB NHK 2	Akita	2020.11.15	0958	23332
774	UK	BBC Radio 4	Plymouth & Enniskillen	2020.11.07	2102	12321
780	Brazil	ZYK691 Rádio América	São Paulo SP	2020.11.14	0600	24443
780	British Virgin Islands	ZBVI Virgin Islands Broadcasting	Roadtown, Tortola	2020.11.08	0300	23322
780	Colombia	HJFV Radio Viva Pasto	Pasto	2020.11.07	0955	33323
780.376	Colombia	HJZG La Voz de Dios	Cali	2020.11.12	0057	14341
779.995	Paraguay	ZP70 Radio Primero de Marzo	Asunción	2020.11.10	0300	24333
780	Venezuela	YVMN Radio Coro	Coro	2020.11.15	0958	33343
783	Iran	IRIB Radio Zahedan	Iranshahr	2020.11.12	2000	24343

783	Saudi Arabia	SBA Call of Islam	Ras Al Khair	2020.11.07	2102	33443
783	Sudan	SRTC Radio Nile River State	Atbara	2020.11.11	2000	32332
792.000	India	All India Radio	Pune	2020.11.12	0018	32332
792	UK / Northern Ireland	BBC Radio Foyle	Londonderry	2020.11.07	2100	23332
810	Iran	IRIB Radio Lorestan	Khorrarnabad	2020.11.12	2031	124X1
810	North Macedonia	Radio Makedonija	Ovče Pole / Skopje	2020.11.12	2129	43443
810	Perú	OAX7T Radio Programas del Perú (RPP)	Juliaca	2020.11.11	0901	22321
819.000	Iran	IRIB Radio Mazandaran	Khazarabad / Sari	2020.11.12	2029	32442
819.005	Iran	IRIB Radio Mazandaran	Chalus	2020.11.12	2029	22442
819.999	Brazil	ZYH752 Rádio Bandeirantes	Goiânia GO	2020.11.13	2157	34343
819.999	USA	WWBA	Largo FL	2020.11.09	0959	23333
828	Japan	JOBH NHK 2	Habikino / Osaka	2020.11.15	0958	24332
828.015	Portugal / Azores	RDP Antena 1	Monte das Cruzes	2020.11.11	2000	44444
828	Russia	Radiogazeta Slovo	Sankt-Peterburg	2020.11.13	2159	34343
828	UK / England	BBC Asian Network	Sedgley / Wolverhampton	2020.11.13	2200	223X1
830.065	Brazil	ZYJ311 Rádio Progresso	Clevelândia PR	2020.11.12	2157	24332
829.994	Brazil	ZYL244 Rádio América	Belo Horizonte MG	2020.11.12	2359	34333
830.031	Brazil	ZYJ926 Rádio Princesa da Serra	Itabaiana SE	2020.11.13	2159	33333
830	Dominican Rep.	HIJB Radio HIJB	Santo Domingo	2020.11.11	0902	33333
837.000	India	All India Radio	Namburu / Vijayawada	2020.11.08	0018	32332
837	UK / England	BBC Radio Cumbria	Barrow-in-Furness	2020.11.05	2159	23332
840	Argentina	LT12 Radio General Madariaga	Paso de los Libres	2020.11.08	0300	23332
840	Cuba	CMHW DobleVé	Santa Clara	2020.11.11	0903	32332
846.001	India	All India Radio	Ahmedabad	2020.11.10	0018	44333
850.004	Brazil	ZYI693 Rádio Rural	Guarabira PB	2020.11.12	2129	24333
850	Brazil	ZYJ807 Rádio Atalaia	Campo Erê SC	2020.11.13	0001	23322
850	Colombia	HJKC Candela 850	Bogotá	2020.11.08	0300	23422
850	USA	WTAR	Norfolk VA	2020.11.14	0300	22531
850	USA	KOA	Denver CO	2020.11.14	1100	24343
860	Brazil	ZYK288 Rádio Guarathan	Santa Maria RS	2020.11.13	0000	223X1
859.997	Brazil	ZYH592 Rádio Cidade	Maracanaú CE	2020.11.14	0259	44344
860	St. Kitts & Nevis	VON Radio	Bath Village, Nevis	2020.11.10	0958	22342
870	Brazil	ZYH457 Rádio Nacional	Itabuna BA	2020.11.12	2200	23332
873	India	All India Radio	Jalandhar	2020.11.11	0029	33343
873	Iran	IRIB Radio Khorasan-e Shomali	Bojnurd	2020.11.12	2029	33433
873	Mozambique	EP de Sofala	Beira	2020.11.12	2028	34333
873	UK / Northern Ireland	BBC Radio Ulster	Enniskillen	2020.11.13	2159	33333

882	Iran	IRIB Radio Mahabad	Mahabad	2020.11.10	2030	22321
882	Saudi Arabia	SBA Koran Pgm	Dammam	2020.11.11	1957	33433
882	Sri Lanka	Trans-World Radio	Puttalam	2020.11.13	0000	22322
891	Lesotho	Ultimate Radio	Lancer's Gap / Maseru	2020.11.13	2000	32342
891	Turkey	TRT 1 Radyo Bir, Antalya Radio	Antalya	2020.11.10	0258	32432
900	Argentina	LT7 Radio Provincia de Corrientes	Corrientes	2020.11.08	0301	33332
900.002	Brazil	ZYH488 Rádio Sisal	Conceição do Coité BA	2020.11.12	2301	23432
900	Canada	CKBI	Prince Albert SK	2020.11.14	0558	23343
900.001	India	All India Radio	Kadapa	2020.11.11	0023	32332
900	Italy	RAI Radio 1	Milano	2020.11.13	2259	33453
900	Spain	COPE Vigo	Vigo GA	2020.11.12	2059	33443
909	Botswana	VOA	Moepeng Hill / Selebi-Phikwe	2020.11.07	2059	22442
910.001	Cuba	Radio Cadena Agramonte	Camagüey	2020.11.11	0857	23433
910	Puerto Rico	WPRP NotiUno	Ponce	2020.11.08	0259	23332
909.999	USA	WTOS	Bangor ME	2020.11.13	0301	33333
917	Nigeria	Radio Gotel	Damare / Yola	2020.11.11	1959	33333
918.000	India	All India Radio	Suratgarh	2020.11.12	0023	44434
918	Netherlands	Radio T-Pot	Gasselternijveen	2020.11.14	2000	23332
918.000	Nigeria	Radio Benue	Makurdi	2020.11.11	1958	33333
920	Brazil	ZYH519 Rádio Novo Tempo	Salvador BA	2020.11.07	2102	34322
920	USA	WHJJ	Providence RI	2020.11.14	0559	24343
927.000	India	All India Radio	Visakhapatnam	2020.11.13	0024	214X1
927	Iran	IRIB Radio Lorestan	Dorud	2020.11.10	2030	23321
935.999	India	All India Radio	Tiruchirapalli	2020.11.10	0016	22332
936	Iran	IRIB Radio Chichest	Fesanduz	2020.11.06	2030	33343
940	Argentina	LRH200 Radio Chajarí	Chajarí	2020.11.12	0102	33333
940	Mexico	XEQ Ke Buena 9-40	México DF	2020.11.06	1000	32332
945	China	CNR 1	Jiaohe	2020.11.15	0953	23332
945.000	India	All India Radio	Sambalpur	2020.11.10	0023	23331
945	Nigeria	Kebbi Radio	Birnin Kebbi	2020.11.13	1957	33333
945	São Tomé e Príncipe	Rádio Nacional	Pinheira	2020.11.12	2000	23332
945	UK / England	Gold	Quarndon / Derby	2020.11.13	2157	33333
950.010	Dominican Rep.	HIB68 Radio Popular	Santo Domingo	2020.11.06	1001	23332
954.000	India	All India Radio	Najibabad	2020.11.12	0023	44444
954	Turkey	TRT 1 Radyo Bir, Trabzon Radio	Trabzon	2020.11.10	0258	43443
950	Argentina	LR3 CNN Radio	Buenos Aires	2020.11.12	0058	33333

960	Bolivia	Radio Santa Cruz	Santa Cruz	2020.11.12	2359	23332
960	Brazil	ZYH241 Rádio Difusora de Alagoas	Maceió AL	2020.11.10	0301	23332
960	USA	WCRU	Dallas NC	2020.11.06	1059	23332
960	USA	WEAV	Plattsburgh NY	2020.11.14	1100	23322
960	USA	KFLN	Baker MT	2020.11.14	1100	22311
962.996	India	All India Radio	Jalgaon	2020.11.12	0023	23332
962.979	Iran	IRIB Radio Khorasan-e Jonubi	Birjand	2020.11.12	2030	33433
962.998	Mozambique	Emissor Provincial de Tete	Tete	2020.11.07	2058	34333
963	UK / England	Asian Sound Radio	Haslingden	2020.11.14	0600	23333
970	Mexico	XERFR Radio Fórmula	México DF	2020.11.06	1001	33323
970.010	Paraguay	ZP9 Universo 970	Asunción	2020.11.08	0259	33333
970	Uruguay	CX22 Radio Universal	Montevideo	2020.11.14	0301	24322
972	Botswana	Radio Botswana	Sebele / Gaborone	2020.11.12	2128	24333
972.008	India	All India Radio	Cuttack	2020.11.13	0023	22322
972	Nigeria	Katsina State Radio	Dutsinma / Katsina	2020.11.13	1959	33333
972	Tajikistan	VOA	Orzu	2020.11.11	2000	32332
972	UK / England	Sunrise Radio	Southall / London	2020.11.12	2100	23332
980	Canada	CFPL	London ON	2020.11.09	1000	23321
980	Canada	CJME	Regina SK	2020.11.14	1057	24343
980.002	USA	WOFX	Troy NY	2020.11.14	0300	24333
981	Algeria	Chaîne 2	Ouled Fayet / Alger	2020.11.13	2300	23333
981.000	India	All India Radio	Raipur	2020.11.10	0023	22322
980.808	Iran	IRIB Radio Hamadan	Hamadan	2020.11.10	2030	23432
981	Portugal	Rádio Renascença	Coimbra	2020.11.11	2000	32342
990.000	India	All India Radio	Jammu	2020.11.11	0022	32332
990	UK / Wales	BBC Radio Five Live	Tywyn	2020.11.11	2000	32442
999	UK / England	Greatest Hits Radio	Longton / Preston	2020.11.14	2000	23322
1000	Colombia	HJAQ RCN Radio	Cartagena	2020.11.11	0859	23322
1008.000	India	All India Radio News Channel	Kolkata	2020.11.13	0023	24342
1008	Mozambique	Emissor Provincial Maputo	Maputo	2020.11.13	2000	23332
1008	Spain	SER Radio Extremadura	Badajoz EX	2020.11.12	1957	44444
1010	Brazil	ZYH625 Rádio O Povo CBN	Fortaleza CE	2020.11.12	0059	33322
1017.024	India	All India Radio	Chennai	2020.11.10	0021	22322
1120.003	Brazil	ZYL272 Rádio Itatiaia	Ouro Preto MG	2020.11.10	0302	23332
1020	Brazil	ZYH247 Rádio Maceió AM	Maceió AL	2020.11.13	2159	34333
1020.098	Paraguay	ZP14 Radio Ñandutí	Asunción	2020.11.13	0300	23321

1026.004	India	All India Radio	Allahabad	2020.11.13	0023	123X1
1026.000	Nigeria	Radio Jigawa	Dutse	2020.11.12	2059	33343
1026	Spain	SER Radio Salamanca	Salamanca CL	2020.11.12	2130	44444
1030	Brazil	ZYJ467 Rádio Deus é Amor	Rio de Janeiro RJ	2020.11.12	2059	22321
1030	Brazil	ZYI441 Rádio Itaí	Rondonópolis MT	2020.11.13	0001	23432
1030	Colombia	HJER Antena Dos	Cali	2020.11.06	0959	21XX1
1035	Netherlands	Neverland AM (tent)	Venlo	2020.11.14	1900	22321
1035	UK / England	Dilse Radio	Southall / London	2020.11.12	2059	23343
1040	Canada	CJMS	Saint-Constant QC	2020.11.12	2058	34433
1040	USA	WHBO	Pinellas Park FL	2020.11.06	1100	22322
1044.000	India	All India Radio	Mumbai	2020.11.12	0023	43343
1050	Canada	CJNB	North Battleford SK	2020.11.15	1059	23333
1060	Brazil	ZYL278 Rádio Deus é Amor	Belo Horizonte MG	2020.11.13	0257	33333
1060	Canada	CKMX	Calgary AB	2020.11.10	0959	22332
1062	Czechia	Country Radio	Zbraslav	2020.11.14	0600	34333
1062	Turkey	TRT 1 Radyo Bir, Diyarbakir Radio	Diyarbakir	2020.11.10	0259	34333
1070	Brazil	ZYI673 Rádio Difusora Cajazeiras	Cajazeiras PB	2020.11.12	2128	24333
1070	USA	WNCT	Greenville NC	2020.11.06	1000	23323
1071.007	Iran	IRIB Radio Ma'aref	Qom	2020.11.07	1902	33343
1071.000	Syria	Radio Al Nour	Tartus	2020.11.12	2057	33323
1079.991	Brazil	ZYI784 Rádio Jornal	Caruaru PE	2020.11.12	2058	33343
1080	Egypt	ERTU General Pgm	Luxor & Menya	2020.11.14	2000	224X1
1080	Paraguay	ZP25 Radio Monumental	Asunción	2020.11.12	2300	23333
1080	Spain	SER Radio Huesca	Huesca	2020.11.13	1957	44444
1080	USA	WQOS	Coral Gables FL	2020.11.11	0900	32442
1190	Argentina	LRA15 Radio Nacional	San Miguel de Tucumán	2020.11.10	0300	22332
1090	Brazil	ZYJ468 Rádio Metropolitana	Rio de Janeiro RJ	2020.11.09	0259	23322
1090	USA	WILD	Boston MA	2020.11.12	1958	32332
1098	China	CNR 1	Golmud	2020.11.12	2100	33332
1098	Slovakia	SRo 3 Rádio Devín	Járok / Nitra	2020.11.12	0059	44343
1100.011	USA	WHLI	Hempstead NY	2020.11.12	2128	24332
1110	Argentina	LS1 Radio Ciudad	Buenos Aires	2020.11.10	0300	23342
1109.999	Brazil	ZYH464 Rádio Vox Bahia	Muritiba BA	2020.11.12	2159	33333
1110.001	Puerto Rico	WVJP Radio Caguas	Caguas	2020.11.11	1001	32332
1115.996	Australia	4BC	Brisbane	2020.11.15	1024	14321
1119.999	Brazil	ZYJ253 Rádio Mais	São José dos Pinhais PR	2020.11.14	0301	23323

1120	USA	WBNW	Concord MA	2020.11.06	1000	33333
1134	Kuwait	Radio Kuwait Main Pgm	Kabd	2020.11.12	2030	23322
1133.999	Spain	COPE Navarra	Pamplona NA	2020.11.07	1929	44444
1142.972	India	All India Radio	Ratnagiri	2020.11.10	0023	22311
1142.992	India	All India Radio	Rohtak	2020.11.13	0023	32332
1143	Spain	COPE Ourense	Ourense GA	2020.11.07	1929	24332
1150	Argentina	LRH202 Radio Tupambaé	Posadas	2020.11.12	0100	22321
1150	Argentina	LT9 Radio Lider	Santa Fé	2020.11.13	0300	22321
1150	Canada	CJSL	Estevan SK	2020.11.06	1100	34333
1150	USA	KSEN (notes 2 & 3)	Shelby MT	2020.11.07	0702	12431
1150	USA	WHBY	Kimberly WI	2020.11.10	1000	33443
1159.998	Brazil	ZYI202 Rádio Espírito Santo	Vitória ES	2020.11.10	0301	33333
1160	USA	WYLL	Chicago IL	2020.11.13	0300	33423
1161	Egypt	Mid-Delta Radio	Tanta	2020.11.12	2129	33433
1170.012	Brazil	ZYJ363 Rádio Colméia	Mandaguaçu PR	2020.11.12	2257	23323
1170	Eswatini	Trans-World Radio	Mpangela Ranch	2020.11.13	2159	32442
1170	Slovenia	Radio Capodistria	Beli Kriz	2020.11.12	2101	33323
1170	UAE	Voice of the Republic	Al-Dhabayya	2020.11.13	2200	44454
1179	Spain / Canary Is.	Radio Club Tenerife	Santa Cruz de Tenerife	2020.11.12	2130	34444
1179.916	Brazil	ZYJ463 Rádio Mundial	Rio de Janeiro RJ	2020.11.12	2158	22X31
1188.033	India	All India Radio Vividh Bharati	Mumbai	2020.11.12	0023	32322
1189.999	Brazil	ZYH459 Rádio Juazeiro	Juazeiro BA	2020.11.12	2131	33333
1190	Canada	WFSL	Weyburn SK	2020.11.06	1001	33433
1200.004	Brazil	ZYH585 Rádio Clube	Fortaleza CE	2020.11.12	2100	23232
1200	Canada	CJRJ (tent)	Vancouver BC	2020.11.14	1102	22431
1200.173	Colombia	HJJI La Voz de la Raza	Medellín	2020.11.06	0459	33323
1200	Puerto Rico	WGDL Radio Grito	Lares	2020.11.13	2300	22321
1206.000	India	All India Radio	Bhawanipatna	2020.11.13	0023	34333
1206	Mozambique	Emissor Provincial Inhambane	Inhambane	2020.11.13	1957	35333
1209.986	Brazil	ZYI786 Rádio Jornal	Garanhuns PE	2020.11.12	2057	33333
1210	Puerto Rico	WHYO Radio Hoy	Salinas	2020.11.10	0959	22432
1215	Botswana	Radio Botswana	Mahalapye	2020.11.12	2129	22322
1220	Argentina	LRL328 Eco Medios	Buenos Aires	2020.11.10	0300	14331
1220	Canada	CJRB	Boishevain MB	2020.11.14	1057	43423
1219.995	Cuba	CMBY Radio Caribe	La Fe	2020.11.06	0500	23332
1224	Mozambique	Emissor Provincial Cabo Delgado	Pemba	2020.11.13	2000	33322

1224	Spain	COPE Mallorca	Palma de Mallorca BA	2020.11.12	2131	33332
1229.995	Canada	CFFB	Iqaluit NU	2020.11.12	2100	24333
1230	Puerto Rico	WNIK Única Radio	Arecibo	2020.11.08	0300	24322
1233	Czechia	Rádio Dechovka	synchros	2020.11.14	2000	33333
1240	Brazil	ZYK565 Rádio Municipalista	Botucatu SP	2020.11.12	2300	22321
1240	Brazil	ZYK200 Rádio Aparados da Serra	Bom Jesus RS	2020.11.12	2302	13221
1240.001	Brazil	ZYH654 Rádio São Francisco <i>(note 4)</i>	Canindé CE	2020.11.13	2301	22332
1241.999	India	All India Radio	Vanarasi	2020.11.11	0023	23322
1249.988	Brazil	ZYH594 Rádio Educadora	Crateús CE	2020.11.13	2159	33343
1250	Canada	CHSM	Steinbach MB	2020.11.14	1058	43423
1250	USA	KBRF	Fergus Falls MN	2020.11.15	1059	23332
1250.996	India	All India Radio	Sangli	2020.11.11	0018	14321
1251	Portugal	Rádio Renascença	Castelo Branco & Chaves	2020.11.12	2059	24333
1251	UK / England	Smooth Radio	Great Barton / Bury St. Edmunds	2020.11.12	2030	24333
1259.999	Brazil	ZYK688 Rádio Morada do Sol	São Paulo SP	2020.11.12	2300	44333
1260	Canada	CFRN	Edmonton AB	2020.11.14	1100	23421
1260	Spain	SER Radio Murcia	Murcia	2020.11.13	1957	33333
1260	UK / England	Absolute Radio	Lydd / Romney Marsh	2020.11.14	2001	223X1
1269.006	India	All India Radio	Madurai	2020.11.12	0018	23332
1269	Nigeria	Radio Taraba	Jalingo	2020.11.11	1959	22321
1269	Spain	COPE Badajoz	Badajoz EX	2020.11.07	1929	22342
1269	Spain	COPE Zamora	Zamora CL	2020.11.07	1929	33343
1269.999	Argentina	LS11 Radio Provincia de Buenos Aires	La Plata	2020.11.09	0259	43333
1269.999	Argentina	LRA20 Radio Nacional	Las Lomitas	2020.11.13	0257	22422
1269.994	Brazil	ZYK678 Rádio Brasil Campinas	Campinas SP	2020.11.12	2159	23321
1278.006	Iran	IRIB R. Kermanshah	Kermanshah	2020.11.07	1930	34323
1278.003	UK / England	Greatest Hits Radio	Tyersal Lane / Bradford	2020.11.07	1931	22332
1287.002	Bangladesh	Bangladesh Betar	Barisal	2020.11.13	0028	133X1
1287.001	India	All India Radio	Panaji	2020.11.11	0023	23332
1287	Netherlands	Radio Seagull	Ternaard	2020.11.05	2200	23322
1287	Spain	SER Radio Castilla	Burgos CL	2020.11.13	2258	34443
1290	Canada	CJBK	London ON	2020.11.14	1100	22332
1290	USA	WKBK	Keene NH	2020.11.10	0300	23333
1295.982	India	All India Radio	Darbhanga	2020.11.14	0018	12311
1296	Iran	IRIB Radio Zabol	Zabol	2020.11.12	2000	33433
1295.998	Spain	COPE Valencia	Valencia VA	2020.11.07	1929	44444

1300	Argentina	LRA5 Radio Nacional	Rosario	2020.11.10	0301	23321
1299.964	Paraguay	ZP10 Radio Fe y Alegría	Asunción	2020.11.13	0301	24333
1300	Puerto Rico	WTIL	Mayagüez	2020.11.13	2159	33433
1300	USA	WJZ	Baltimore MD	2020.11.06	1000	22321
1305.002	India	All India Radio	Parbhani	2020.11.13	0023	22322
1310.002	Brazil	ZYH454 Rádio Bahiana	Ilhéus BA	2020.11.12	2301	34344
1309.676	Colombia	HJAK La Voz de la Patria Celestial	Barranquilla	2020.11.06	0101	23322
1310	USA	WRVP	Mount Kisco NY	2020.11.11	0900	22422
1310	USA	WICH	Norwich CT	2020.11.13	0000	34323
1314	Romania	Radio Oltenia-Craiova	Craiova	2020.11.05	2201	223X1
1320	Brazil	ZYJ255 Rádio Tropical	Curitiba PR	2020.11.13	0003	22321
1320	USA	WARA	Attleboro MA	2020.11.06	1100	24333
1320	Venezuela	YVWP Radio Apolo	Turmero	2020.11.14	0300	22332
1323	UK / England	Smooth Radio	Southwick / Brighton	2020.11.07	2059	24343
1329.996	Brazil	ZYK736 Rádio Terra	São Paulo SP	2020.11.13	0000	23432
1329.976	Brazil	ZYJ739 Rádio Clube	Blumenau SC	2020.11.13	0001	23322
1340	Brazil	ZYH661 Rádio Pitaguary	Fortaleza CE	2020.11.13	2259	23432
1340	Uruguay	CW53 La Voz de Melo	Melo	2020.11.14	0258	24322
1340	USA	WYBC	New Haven CT	2020.11.10	0959	23422
1340.010	USA	WIRY	Plattsburgh NY	2020.11.12	2132	23332
1341	Egypt	ERTU Koran Pgm	Bawiti	2020.11.14	1957	32432
1341	Spain	SER Radio León	León	2020.11.10	2302	32432
1350	Botswana	Radio Botswana	Tshabong	2020.11.12	1957	43433
1349.911	Brazil	ZYH520 Rádio Boa Vontade	Salvador BA	2020.11.07	2257	23322
1350	Puerto Rico	WEGA Candelita 7	Vega Baja	2020.11.13	2157	33443
1359	China	CNR 1	synchros	2020.11.13	2257	24433
1358.999	Ethiopia	Dimtsi Woyane Tigray	Mekelle	2020.11.14	1957	33323
1359.000	UK / England	Smooth Radio	Baker's Wood / Chelmsford	2020.11.14	1958	34323
1359.986	Uruguay	CW41 Radio 41	San José de Mayo	2020.11.12	0100	23332
1360	USA	WNJC <i>(note 2)</i>	Washington Township NJ	2020.11.07	0501	13431
1360	USA	WKMI	Kalamazoo MI	2020.11.13	1059	23322
1367.973	Iran	IRIB Radio Golestan	Gonbad-e Qabus	2020.11.13	2259	34323
1370	Argentina	LRA54 Radio Nacional	Ingeniero Jacobacci	2020.11.13	0257	133X1
1369.943	Brazil	ZYI892 Rádio Difusora	Teresina PI	2020.11.12	2200	33323
1369.999	Brazil	ZYJ267 Rádio Canção Nova	Curitiba PR	2020.11.13	0300	33323
1369.990	Brazil	ZYK628 Rádio Vanguarda <i>(note 5)</i>	Caridade CE	2020.11.13	2202	33443

1370.066	Colombia	HJKI Radio Mundial	Bogotá	2020.11.06	0300	13431
1370.003	USA	WFEA	Manchester NH	2020.11.13	0300	33323
1370	USA	WSPD	Toledo OH	2020.11.13	1103	224X1
1377	China	CNR 1	Xingyang	2020.11.12	2100	24323
1377	Tanzania	Radio Free Africa	Mwanza	2020.11.12	2028	33323
1380	Brazil	ZYK616 Rádio Difusora	Mogi Guaçu SP	2020.11.13	0001	23432
1380	Brazil	ZYI773 Rádio Continental	Recife PE	2020.11.13	2157	34333
1380	USA	WNRI	Woonsocket RI	2020.11.12	2129	33333
1385.995	Egypt	ERTU Qur'an Programme	Luxor	2020.11.12	2128	24343
1385.993	India	All India Radio	Gwalior	2020.11.10	0023	23332
1389.993	Brazil	ZYJ599 Rádio Farol	Touros RN	2020.11.12	2359	22432
1395	Netherlands	Radio SeaBreeze	Grou	2020.11.11	1958	13331
1409.995	Brazil	ZYJ614 Rádio Santa Cruz	Santa Cruz RN	2020.11.12	2200	34333
1410	Canada	CFTE	Delta / Vancouver BC	2020.11.15	1100	24332
1410	Mexico	XEBS Bandolera 14-10	México DF	2020.11.06	1100	23322
1420	Argentina	LRI220 Somos Radio	Buenos Aires	2020.11.14	0301	34322
1419.994	Brazil	ZYJ754 Rádio Guarujá	Florianópolis SC	2020.11.12	2200	23322
1420	USA	WDJA	Delray Beach FL	2020.11.09	1000	23332
1420	USA	KTOE	Mankato MN	2020.11.14	1100	33333
1422	Algeria	Radio Culture	Ouled Fayet / Alger	2020.11.12	2059	44444
1422	Romania	Radio România Actualități	Râmnicu Vâlcea	2020.11.12	2100	22432
1422	Saudi Arabia	SBA Call of Islam	Riyadh	2020.11.12	0058	22322
1430.000	Brazil	ZYJ200 Rádio Evangelizar	Curitiba PR	2020.11.14	0300	34333
1431	Italy	RAI Radio 1	Foggia	2020.11.13	2259	12421
1431	UK / England	Smooth Radio	Southend / Rayleigh	2020.11.12	2059	22422
1449	Italy	RAI Radio 1 Veneto	Belluno	2020.11.07	1929	13331
1449	Maldives	Dhivehi Raajjeyge Adu	Thilafushi	2020.11.11	0027	23432
1450.002	Brazil	ZYI699 Rádio Itatiunga	Patos PB	2020.11.12	2129	23322
1449.992	Canada	CHOU	Montréal QC	2020.11.12	2201	33423
1459.994	Brazil	ZYH616 Rádio Uirapurú	Morada Nova CE	2020.11.12	2058	34333
1460.006	Brazil	ZYI903 Rádio Cultura	Amarante PI	2020.11.13	2202	23322
1460.004	USA	WBMS	Brockton MA	2020.11.12	2100	23332
1460	USA	WTKT	Harrisburg PA	2020.11.13	1100	33433
1467.000	India	All India Radio	Jeypore	2020.11.10	0023	133X1
1470.000	Brazil	ZYK599 Rádio Mensagem	Jacareí SP	2020.11.12	2130	24322
1470	Brazil	ZYH665 Rádio Guanacés	Itapajé CE	2020.11.13	0003	23342

1470	USA	WSAN	Allentown PA	2020.11.09	1000	22321
1470	USA	WJDY	Salisbury MD	2020.11.13	1100	33443
1476	Austria	Museumsradio	Bad Ischl	2020.11.13	2000	23333
1476	UK / England	Carillon Wellbeing Radio	Coalville	2020.11.12	1957	34333
1476	UK / England	Radio Seagull via Carillon Wellbeing R.	Coalville	2020.11.12	2129	24332
1480	USA	WGVU	Kentwood MI	2020.11.14	1100	33433
1485	Germany	Joe	Erlangen	2020.11.13	0300	24342
1485	UK / England	BBC Radio 4	Carlisle	2020.11.07	2102	13331
1490	USA	WBSS	Pleasantville NJ	2020.11.13	2159	23332
1494	China	Xinjiang PBS	synchros	2020.11.13	2300	34423
1494	unknown	Radio Rock Revolution	pirate	2020.11.07	2059	14332
1500.011	Brazil	ZYH487 Rádio Jacuípe	Riachão de Jacuípe BA	2020.11.13	2159	23333
1500	USA	WLQV	Detroit MI	2020.11.10	1000	22432
1502.858	Bosnia-Herzegovina	Radio 1503 Zavidovići	Zavidovići	2020.11.13	1957	23332
1503	Egypt	ERTU Koran Pgm	El Arish	2020.11.07	1928	23322
1502.996	unknown	UNID	pirate	2020.11.07	2059	22332
1509.999	Brazil	ZYK770 Rádio Vale do Tietê	Salto SP	2020.11.14	0258	34333
1510.276	Ecuador	HCBD1 Radio Monumental	Quito	2020.11.14	0259	23322
1510.000	Uruguay	CW57 Radio San Carlos	San Carlos	2020.11.09	0259	23322
1510	USA	WMEX	Quincy MA	2020.11.13	1100	23333
1512	Ireland	Energy FM (pirate relay)	Sligo	2020.11.07	2059	33323
1511.992	Ireland	Coast FM (pirate relay)	Sligo	2020.11.12	2057	23333
1520	Brazil	ZYH530 Rádio Povo	Poções BA	2020.11.12	2300	223X1
1521	Slovakia	SRo 3 Rádio Devín	Rimavská Sobota	2020.11.13	2259	23422
1521	UK / England	Radio Panj	Ryton-on-Dunsmore / Coventry	2020.11.05	2200	22332
1521	UK / England	Flame CCR	Wirral	2020.11.10	0300	23322
1530.018	Brazil	ZYJ761 Rádio Difusora	Itajaí SC	2020.11.12	2258	33322
1530	Brazil	ZYJ348 Rádio Vale do Iguaçu	Verê PR	2020.11.12	2301	223X1
1530	Romania	Radio România Actualităţi	Rădăuţi	2020.11.12	0100	33333
1530	UK / England	Greatest Hits Radio	Vicars Lot / Huddersfield	2020.11.13	0000	33323
1539	UAE	Pravasi Bharathi	Abu Dhabi	2020.11.12	1959	33343
1540	USA	WXEX	Exeter NH	2020.11.12	2059	22322
1548	UK / England	Gold	Saffron Green / London	2020.11.13	2259	44434
1557	Taiwan	Radio Free Asia	Kou'hu	2020.11.12	2030	33333
1557	UK / England	Smooth Radio	Veals Farm / Southampton	2020.11.14	1958	33333
1566	Korea, South	HLAZ Far East Broadcasting Co.	Jeju	2020.11.12	2029	33333

1569.976	Brazil	ZYL242 Rádio Universitária	Itajubá MG	2020.11.12	2300	23322
1570.008	Brazil	ZYH621 Rádio Sertão Central	Senador Pompeu CE	2020.11.12	2300	23322
1575	Egypt	ERTU Youth and Sport Pgm	El Qoseir	2020.11.14	2000	324X1
1579.999	Brazil	ZYI898 Rádio Santa Clara	Florianópolis PI	2020.11.12	2100	23322
1579.976	Brazil	ZYK237 Rádio Encantado	Encantado RS	2020.11.12	2257	34323
1580	USA	WNYG	Patchogue NY	2020.11.06	1001	22321
1580	USA	WMYC	Columbus OH	2020.11.14	1100	213X2
1584	Italy	Radio Studio X	Arezzo	2020.11.11	2000	23432
1584	Italy	Radio Diffusione Europea	Trieste	2020.11.12	2059	23333
1584	UK / England	AsianFX Radio	London	2020.11.13	2000	33333
1590	Brazil	ZYJ823 Rádio Clube	Joinville SC	2020.11.12	2300	23312
1590	Brazil	ZYK774 Rádio Japi	Cabreúva SP	2020.11.13	0001	23321
1593	France	Bretagne 5	St-Gouéno / Collinée	2020.11.12	0059	43433
1593.007	India	All India Radio	Bhopal	2020.11.10	0023	22321
1600	Brazil	ZYH66 Rádio Nove de Julho	São Paulo SP	2020.11.13	2300	22422
1602.143	Latvia	Radio Tsentr	Riga	2020.11.12	0101	43333
1602	Spain	SER Radio Segovia	Segovia CL	2020.11.12	2130	33332
1602	UK / England	Desi Radio	Southall / London	2020.11.09	2030	23422
1611	Norway	Radio Northern Star	Erdal / Bergen	2020.11.12	2130	25332
1616	Netherlands	Radio Quintus	pirate	2020.11.11	1957	25333
1619.988	US Virgin Is.	WDHP	Frederiksted	2020.11.12	2259	25242
1621.083	Netherlands	Radio Turftrekker	pirate	2020.11.07	2016	35333
1624.98	Netherlands	Radio Marskramer <i>(note 6)</i>	pirate	2020.11.12	1957	25333
1629.999	El Salvador	YSGS Radio Elohim	San Salvador	2020.11.13	0559	23322
1630	Netherlands	Radio Pandora	pirate	2020.11.13	1957	25333
1630.014	Netherlands	Radio Brugwachter <i>(note 6)</i>	pirate	2020.11.14	1957	25332
1635.24	Netherlands	Santana met de Cobra	pirate	2020.11.07	2057	25323
1635	Netherlands	Ros AM Radio <i>(note 3)</i>	pirate	2020.11.07	2136	35343
1637.981	Netherlands	Radio Nachtzwerfer	pirate	2020.11.14	2001	35333
1644	Netherlands	Radio Schaduwjager <i>(note 6)</i>	pirate	2020.11.07	2157	25322
1646.971	Netherlands	Radio Columbia	pirate	2020.11.12	2057	35323
1650	USA	KCNZ	Cedar Falls IA	2020.11.14	1059	23333
1652	Netherlands	Radio Moby Dick	pirate	2020.11.07	2228	24333
1655.098	Netherlands	Radio Batavier <i>(note 6)</i>	pirate	2020.11.09	1957	25332
1657	Netherlands	Yogi Radio	pirate	2020.11.07	2016	24332
1656.982	Netherlands	Eigen Risico <i>(note 6)</i>	pirate	2020.11.12	2102	25323

1664.995	Croatia	Radio Tornado	pirate	2020.11.09	1959	25322
1664.964	Netherlands	Radio Kristal <i>(note 6)</i>	pirate	2020.11.12	2028	25332
1665.020	Netherlands	Radio Digitaal	pirate	2020.11.09	1957	25333
1665.010	Netherlands	Radio De Klok	pirate	2020.11.12	2057	15321
1665	Serbia	Romeo Radio	pirate / Belgrade	2020.11.07	2059	44444
1669.989	Netherlands	Melkbus Radio	pirate	2020.11.07	2031	23422
1677	USB Spain	Machichaco Radio	Cabo de Peñas AS	2020.11.07	2035	43453
1709.842	Argentina	Radio Selva	San Justo / Buenos Aires	2020.11.09	0257	15231
3920	Netherlands	FRS Holland via Radio Piepzender	pirate	2020.11.08	1934	25333
3920	Netherlands	Radio Gaar via Radio Piepzender	pirate	2020.11.11	2124	25333
3935	Ireland	Zenith Classic Rock	Waterford	2020.11.11	2125	23332
3975	Germany	ShortwaveRadio	Winsen an der Aller	2020.11.08	0811	15322
3995	Germany	HCJB Deutschland	Weenermoor	2020.11.08	0811	25332
5780	unknown	Harmony 5780	pirate	2020.11.14	0842	35444
5805	Denmark	Radio 208	Hvidovre	2020.11.07	0849	24333
5840	Denmark	World Music Radio	Bramming	2020.11.07	0831	24332
5880	unknown	Radio Rock Revolution <i>(note 6)</i>	pirate	2020.11.07	0917	15321
5895	LSB Norway	Radio Northern Star	Bergen	2020.11.07	0829	34444
5920	Korea, South	Voice of Freedom	Hwaseong	2020.11.07	0929	23332
5920	Germany	HCJB Deutschland	Weenermoor	2020.11.07	0856	34343
5970	USA	WEWN	Birmingham AL	2020.11.07	0859	45444
6005.1	Germany	Ukrainian R. Inter via Shortwaveservice	Kall-Krekel	2020.11.07	0858	35433
6070	Canada	CFRX	Toronto ON	2020.11.07	0829	32422
6070	Germany	Super Clan Radio via R. Channel 292	Rohrbach Waal	2020.11.08	0853	24333
6070	Germany	Radio Northsea Inter. via R. Channel 292	Rohrbach Waal	2020.11.08	0900	24333
6070	Germany	Radio Waves Inter. via R. Channel 292	Rohrbach Waal	2020.11.07	0829	43443
6080	Brazil	ZYE726 Rádio Marumby	Curitiba PR	2020.11.08	0858	25232
6085	Germany	Radio Mi Amigo via Shortwaveservice	Kall-Krekel	2020.11.08	0857	14221
6099.9	Korea, North	Korean Central Broadcasting Station	Kanggye	2020.11.07	0858	24332
6130	Netherlands	Radio Casanova <i>(note 6)</i>	pirate	2020.11.08	0957	15331
6140	Netherlands	Radio Onda	Borculo	2020.11.08	0900	35333
6150	Germany	Europa 24	Datteln	2020.11.08	0858	35343
6160	Germany	FRS Holland via ShortwaveRadio	Winsen an der Aller	2020.11.08	0855	25333
6170	Finland	Scandinavian Weekend Radio <i>(note 3)</i>	Virrat	2020.11.07	0839	15322
6185	México	XEPPM Radio Educación	México DF	2020.11.08	0859	35343
6195	USA	NHK World via WHRI	Furman SC	2020.11.08	0900	43353

6195.1	Netherlands	FRS Holland via Mike Radio	Heerde / pirate	2020.11.08	0853	35343
6205	Ireland	Laser Hot Hits	pirate	2020.11.08	0903	25343
6210	Netherlands	Radio King Shortwave <i>(note 6)</i>	pirate	2020.11.08	0837	14331
6250	Netherlands	Radio Scotland International <i>(note 6)</i>	pirate	2020.11.08	0957	22331
6265	Netherlands	Cupid Radio	pirate	2020.11.08	0922	25333
6293	Netherlands	Quadzilla Radio <i>(note 6)</i>	pirate	2020.11.13	2040	15331
6295	Netherlands	Radio Cuckoo	pirate	2020.11.07	2051	15332
6295	UK	Radio Parade International	pirate	2020.11.08	0854	15331
6375	Belgium	Radio 319	pirate	2020.11.07	0858	24333
6875	Italy	Radio Europe	pirate	2020.11.14	0856	14342
7324.7	France	Radio Atlantic 2000 <i>(note 3)</i>	pirate	2020.11.07	0949	25322

Notes: *note 1* ID by Mauno Ritola / RealDX; *note 2* DX test; *note 3* eQSL received with thanks; *note 4* ID by Rocco Cotroneo / RealDX; *note 5* ID confirmed by Rudolf Grimm / RealDX; *note 6* ID by John Fisher listening via a remote SDR in Leiden, Netherlands, and/or reference to online chat rooms and blogs