

Stations logged from Newfoundland by Jean Burnell in 2021

8 to 16 November, from Cappahayden NL (with John Fisher, Don Moore and Jim Renfrew): receivers: three Microtelecom Perseus;
antennas: 340 m North (14°), 305 m South (157°), Wellbrook Communications ALA100LN 50 m circumference loop (90°/270°)

freq	country	station	location	UTC date	from	peak SINPO
530	Argentina	Somos Radio	Buenos Aires	2021.11.15	0259	24232
531	Algeria	Radio Algérie Internationale	F'Kirina / Ain El Beida	2021.11.12	2157	43343
540	Argentina	Radio Nacional	2 sites	2021.11.14	0300	22331
540	Brazil	ZYK734 Rádio Wolf	Sumaré SP	2021.11.15	0302	22331
549	Algeria	Jil FM	Sidi Hamadouche	2021.11.08	2259	33343
549	Ukraine	Ukrainian Radio	Luch / Mykolaiv	2021.11.13	0000	43333
549.758	Argentina	LRG206 AM550 La Primera	Neuquén	2021.11.16	0128	24332
550.000	Brazil	Super Rádio Boa Vontade	Montes Claros or Sertãozinho	2021.11.15	0259	24332
560	Argentina	Radio Nacional	3 sites	2021.11.14	0302	22322
559.988	Brazil	ZYH887 Rádio Educadora do Maranhão	São Luís MA	2021.11.16	0200	33333
560.001	Brazil	ZYH289 Rádio Coari	Coari AM	2021.11.16	0200	22321
576	Bulgaria	Horizont	Vidin	2021.11.13	0000	24332
580	Argentina	LW1 Radio Universidad de Córdoba	Córdoba	2021.11.15	0800	22331
599.997	Argentina	LU5 Radio Neuquén	Plottier / Neuquén	2021.11.14	0304	23332
600	Brazil	ZYH920 Rádio Mirante AM	São Luís MA	2021.11.08	2302	33343
610	Colombia	HJKL RCN La Cariñosa	Bogotá	2021.11.13	0000	23422
610	Uruguay	CX4 Radio Rural	Santiago Vázquez / Montevideo	2021.11.12	0400	23332
619.999	Brazil	ZYK521 Jovem Pan News	São Paulo SP	2021.11.16	0200	43323
630.003	Argentina	LW8 Radio San Salvador	Jujuy	2021.11.15	0857	22331
630	Puerto Rico	WUNO NotiUno	San Juan	2021.11.12	2359	34443
630	Romania	Radio Timișoara	Orășoara / Timișoara	2021.11.12	2200	44434
650	Brazil	ZYL309 Rádio Veredas	Unaí MG	2021.11.15	0302	14331
650	Colombia	HJKH RCN Antena 2	Bogotá	2021.11.12	2359	22442
650	Paraguay	ZP4 Radio Uno	Asunción	2021.11.14	0800	22322
659.998	Brazil	ZYH619 Rádio Rio das Garças	Itarema CE	2021.11.16	0300	23332
659.998	Brazil	ZYK777 Rádio Vibe	São Paulo SP	2021.11.16	0457	34323
660.004	Cuba	Radio Progreso	Jovellanos	2021.11.16	0459	23322
670	Argentina	Radio Nacional	2 sites	2021.11.14	0300	23321
670	Brazil	ZYJ921 Rádio Cultura de Sergipe	Aracajú SE	2021.11.12	2159	24343
675	Netherlands	Radio Calypso	Oostwold	2021.11.13	0027	14331
680	Brazil	ZYH765 Rádio Difusora de Jataí	Jataí GO	2021.11.15	0759	22322

680	Colombia	HJZO Radio Nacional de Colombia	Sabanagrande / Barranquilla	2021.11.16	0258	44333
690	Brazil	ZYI532 Rádio Clube do Pará	Belém PA	2021.11.13	0802	32332
690	Colombia	HJCZ W Radio	Bogotá	2021.11.12	2357	33433
700.001	Argentina	LV3 Cadena Tres	Córdoba	2021.11.16	0228	34323
699.999	Paraguay	ZP12 Radio Carlos Antonio López	Pilar	2021.11.13	0759	33333
702	South Africa	LM Radio	Welgedacht	2021.11.13	0001	23322
720.008	Brazil	ZYK276 Rádio Guaíba	Porto Alegre RS	2021.11.16	0201	33333
720	Paraguay	ZP17 Radio Pa'i Puku	Teniente Irala Fernandez	2021.11.15	0759	23321
730	Colombia	HJCU Melodía Stereo	Bogotá	2021.11.12	2358	22432
730	Paraguay	ZP7 Radio Cardinal	Lambaré / Asunción	2021.11.15	0300	34444
740	Cuba	Radio Angulo	Sagua de Tánamo	2021.11.15	0900	32342
750	Brazil	ZYL213 Rádio América	Belo Horizonte MG	2021.11.15	0258	33443
750	Brazil	ZYH709 Jovem Pan News	Brasília DF	2021.11.15	0800	32342
760	Argentina	LU6 Radio Atlántica	Mar del Plata	2021.11.15	0258	34343
765	India	All India Radio	Dharwad	2021.11.13	0023	14331
770	Colombia	HJJX RCN Radio	Bogotá	2021.11.14	0401	34333
792	Czechia	Radio Dechovka	Hradec Králové	2021.11.12	2159	33333
1000	Cuba	Radio Artemisa	Artemisa	2021.11.13	0459	23321
779.996	Brazil	ZYH919 Rádio Alvorada	Zé Doca MA	2021.11.15	0900	14321
780	Brazil	ZYK691 Rádio América	São Paulo SP	2021.11.16	0057	23332
780	Colombia	HJFV Radio Viva	Pasto	2021.11.13	0000	24322
780	Paraguay	ZP70 Radio Primero de Marzo	Asunción	2021.11.13	0001	33443
790	Argentina	Radio Nacional	2 sites	2021.11.14	0258	23322
790	Venezuela	YVXM Radio Minuto	Barquisimeto	2021.11.13	0359	22432
810	Puerto Rico	WKVM Radio Paz 810	San Juan	2021.11.16	0200	22322
810	Uruguay	CX14 Radio El Espectador	Santiago Vázquez / Montevideo	2021.11.16	0257	22312
819	Netherlands	LOMP Radio	Klazienaveen	2021.11.13	0053	22322
820	Argentina	LRA8 Radio Nacional	Formosa	2021.11.13	0358	23322
820	Brazil	ZYH752 Rádio Bandeirantes	Goiânia GO	2021.11.13	0458	24333
820	Cuba	Radio Progreso	Moa	2021.11.15	0800	24332
828	South Africa	Magic 828	Klipheuwel / Cape Town	2021.11.13	0001	23333
829.972	Argentina	LU14 Radio Provincia de Santa Cruz	Río Gallegos	2021.11.13	0500	23332
830	Brazil	ZYL244 Rádio Cultura	Belo Horizonte MG	2021.11.15	0259	34343
830	Brazil	ZYJ595 Rádio Rural	Caicó RN	2021.11.16	0201	23321
830	Dominican Rep.	HIJB Radio HIJB	Santo Domingo	2021.11.16	0301	22332
837.118	Iran	IRIB Radio Esfahan	Habibabad	2021.11.16	0100	23342
840	Argentina	LT12 Radio Nacional	Paso de los Libres	2021.11.13	0801	34323

839.999	Argentina	LU2 Radio Bahía Blanca	Bahía Blanca	2021.11.16	0158	33333
846	India	All India Radio	Ahmedabad	2021.11.13	0019	23332
850	Uruguay	CX16 Radio Carve <i>(note 1)</i>	Montevideo	2021.11.16	0258	22332
850	USA	WFTL	West Palm Beach FL	2021.11.15	0258	24332
860	Brazil	ZYH592 Cidade AM 860	Maracanaú CE	2021.11.13	0000	33333
860	St. Kitts & Nevis	VON Radio	Bath Village, Nevis	2021.11.16	0200	33333
870	Argentina	LRA1 Radio Nacional	Buenos Aires	2021.11.14	0259	33433
870	Puerto Rico	WQBS	San Juan	2021.11.16	0100	32332
890.978	Iran	IRIB Radio Dena	Yasuj	2021.11.12	2029	24343
891	Lesotho	Ultimate FM	Lancer's Gap / Maseru	2021.11.12	2200	24332
891	Turkey	TRT Radio 1	Antalya	2021.11.14	0257	44343
900	Brazil	ZYK664 Jovem Pan News	São José do Rio Preto SP	2021.11.16	0231	43333
900	India	All India Radio	Kadapa	2021.11.13	0023	124X1
910	Argentina	LR5 Radio La Red	Buenos Aires	2021.11.14	0802	23342
910	Venezuela	YVRQ RQ-910	Maiquetia	2021.11.16	0201	23333
918	India	All India Radio	Suratgarh	2021.11.13	0023	23432
918	Italy	IRRS <i>(note 2)</i>	Villa Estense	2021.11.11	2101	23332
920	Brazil	ZYK775 Rádio Nacional Gospel	Cotia SP	2021.11.13	0759	33333
920	USA	KDHL	Faribault MN	2021.11.15	0900	24332
940	Argentina	LRH200 Radio Chajarí	Chajarí	2021.11.14	0301	23322
945	Angola	Rádio N'gola Yetu	Mulenvos / Luanda	2021.11.12	2159	33343
945	Romania	Radio România Actualităţi	Miercurea Ciuc	2021.11.12	2200	23332
950	Argentina	LR3 CNN Radio	Buenos Aires	2021.11.16	0159	34343
950	Brazil	ZYL212 Rádio Atalaia	Belo Horizonte MG	2021.11.13	0759	33333
954	India	All India Radio	Najibabad	2021.11.13	0023	23341
960	Brazil	ZYH241 Rádio Difusora de Alagoas	Maceió AL	2021.11.13	0000	33333
960	Brazil	ZYH802 Rádio Deus é Amor	Aparecida de Goiânia GO	2021.11.16	0201	34343
970.007	Paraguay	ZP9 Universo 970	Asunción	2021.11.13	0359	44444
970	Uruguay	CX22 Radio Universal	Montevideo	2021.11.13	0757	33323
970	US Virgin Is.	WSTX	Christiansted	2021.11.16	0458	33333
972	UK / England	Sunrise Radio	Southall / London	2021.11.12	2357	23322
980	Brazil	ZYH707 Rádio Nacional	Brasília DF	2021.11.13	0757	44454
990	Argentina	LRH203 La AM 990	Formosa	2021.11.13	0458	22321
990	Argentina	LR4 La 990	Buenos Aires	2021.11.15	0300	33333
990	UK / Wales	BBC Radio 5 Live	Tywyn	2021.11.13	0000	22332
1000	Cuba	Radio Artemisa	Artemisa	2021.11.13	0459	23321
1010	Argentina	LV16 Radio Río Cuarto	Río Cuarto	2021.11.16	0259	33333

1010.000	Brazil	ZYH448 Rádio Bahia	Salvador BA	2021.11.16	0159	34333
1010	Colombia	HJOP Sistema Cardenal	Barranquilla	2021.11.16	0358	23332
1017.025	India	All India Radio	Chennai	2021.11.13	0021	24332
1020	Argentina	LT10 R. Universidad Nac. del Litoral	Santa Fé	2021.11.16	0457	24322
1020	Cuba	Radio Artemisa	Bahía Honda	2021.11.13	0459	23331
1035	UK / England	Lyca Gold	Southall / London	2021.11.09	2102	33333
1035	UK / Scotland	West Sound Radio	Ayr	2021.11.13	0000	23432
1050	Argentina	LV27 Radio San Francisco	San Francisco	2021.11.16	0301	33323
1050	Uruguay	CX26 Radio Uruguay	Montevideo	2021.11.16	0301	33322
1070	Brazil	ZYI673 Rádio Cajazeiras	Cajazeiras PB	2021.11.12	2200	24343
1069.966	Brazil	ZYK633 Prudente News	Presidente Prudente SP	2021.11.13	0401	24333
1070	Puerto Rico	WMIA WAPA Radio	Arecibo	2021.11.16	0157	44333
1080	Brazil	ZYK280 Rádio da Universidade	Porto Alegre RS	2021.11.08	2300	23332
1079.994	Brazil	ZYI784 Rádio Jornal	Caruaru PE	2021.11.13	0602	33323
1080.000	Paraguay	ZP25 Radio Monumental	Asunción	2021.11.16	0201	44323
1090	Brazil	ZYJ468 Rádio Metropolitana	Rio de Janeiro RJ	2021.11.08	2259	33332
1098	Slovakia	SRo 3 Rádio Devín	Járok / Nitra	2021.11.12	2159	43343
1100	Brazil	ZYH668 Rádio Difusora do Vale Acaraú	Acaraú CE	2021.11.14	0800	24332
1100	Colombia	HJYZ RCN La FM	Neiva	2021.11.16	0259	32322
1100	Colombia	HJAT Caracol Radio	Barranquilla	2021.11.16	0400	24232
1109.999	Argentina	LS1 Radio Ciudad	Buenos Aires	2021.11.16	0259	24323
1110	Cuba	Radio Angulo	Holguín	2021.11.15	0900	22331
1120	Argentina	Emisora Santiago y Copla	Ciudad Evita / Buenos Aires	2021.11.15	0300	33323
1120	Brazil	ZYL272 Rádio Itatiaia	Ouro Preto MG	2021.11.08	2300	23322
1120	Brazil	ZYJ253 Rádio Mais	São José dos Pinhais PR	2021.11.16	0301	23322
1120	Puerto Rico	WMSW Radio Once	Hatillo	2021.11.12	2159	24332
1120	Uruguay	CW31 Radio Salto	Salto	2021.11.16	0157	34332
1130	Uruguay	CX30 Radio Nacional	Montevideo	2021.11.16	0300	33323
1140	Colombia	HJCL Radio Panamericana	Girardot	2021.11.16	0228	24332
1142.971	India	All India Radio	Ratnagiri	2021.11.13	0023	13331
1150	Colombia	HJFI Caracol Radio	Armenia	2021.11.16	0301	23321
1160	Brazil	ZYI202 Rádio Espírito Santo	Vitória ES	2021.11.16	0200	33323
1160	Colombia	HJOC Fuego AM	Bogotá	2021.11.16	0059	23332
1160	Puerto Rico	WBQN WAPA Radio	Barceloneta	2021.11.16	0157	33333
1161	UK / Scotland	Tay 2	Greenside Scalp / Dundee	2021.11.12	2159	34444
1190	Argentina	LRA15 Radio Nacional	San Miguel de Tucumán	2021.11.16	0302	23332
1188	Italy	Radio Studio X	Momigno	2021.11.12	2200	24332

1189.992	Ecuador	HCDE2 UCSG Radio	Guayaquil	2021.11.16	0357	23232
1197.001	India	All India Radio	Tirunelveli	2021.11.13	0023	23331
1190	Colombia	HJCV Radio Cordillera	Bogotá	2021.11.15	0301	34333
1210	Brazil	ZYI786 Rádio Jornal	Garanhuns PE	2021.11.13	0001	32322
1210	Puerto Rico	WHYO Radio Hoy	Salinas	2021.11.16	0157	33333
1210	Uruguay	CV121 Radio RBC	Piriápolis	2021.11.16	0800	24321
1220	Argentina	LRI224 Eco Medios	Buenos Aires	2021.11.16	0157	34333
1223.986	Iran	IRIB Radio Iran	Kerman	2021.11.12	2029	24433
1230	Argentina	LT2 Radio Dos	Rosario	2021.11.15	0300	24332
1230	Canada	CFFB	Iqaluit NU	2021.11.12	2158	24342
1230	Colombia	HJLK Radio Calidad	Cali	2021.11.16	0201	13322
1240	Argentina	LRI218 R. Universidad Nacional del Sur	Bahía Blanca	2021.11.16	0300	23332
1240	Dominican Rep.	HIC26 Radio Maria	Santo Domingo	2021.11.16	0200	34333
1240	USA	WGBB	Freeport NY	2021.11.14	0259	23332
1250	Colombia	HJCA Capital Radio	Bogotá	2021.11.08	2300	24332
1251.005	Portugal	Rádio Renascença	Castelo Branco	2021.11.12	2200	24332
1251	UK / England	Smooth Radio	Great Barton / Bury St. Edmunds	2021.11.12	2200	24332
1259.998	Argentina	LT14 Radio Nacional General Urquiza	Paraná	2021.11.16	0258	23322
1287.001	Greece	Radio 322 <i>(note 3)</i>	pirate / Athens	2021.11.09	2028	25332
1290.283	Brazil	ZYH888 Rádio Timbira do Maranhão	São Luís MA	2021.11.13	0800	44434
1300	Argentina	LRA5 Radio Nacional	Rosario	2021.11.16	0257	13331
1300	Puerto Rico	WTIL WAPA Radio	Mayagüez	2021.11.16	0157	23332
1305	India	All India Radio	Parbhani	2021.11.13	0023	133X1
1305	UK / England	Premier Christian Radio	Chingford & North Looe	2021.11.13	0000	224X2
1310	Argentina	LRA42 Radio Nacional	Gualeduaychu	2021.11.16	0159	14332
1320	Venezuela	YVWP Radio Apolo	Turmero	2021.11.13	0401	24232
1340	Brazil	ZYH661 Rádio Pitaguary	Maracanaú CE	2021.11.15	0302	23322
1350	Puerto Rico	WEGA Candelita 7	Vega Baja	2021.11.16	0258	43333
1359.986	Uruguay	CW41 Radio 41	San José de Mayo	2021.11.16	0257	24332
1370.130	Brazil	ZYK628 Rádio Vanguarda	Caridade CE	2021.11.12	2357	23423
1370	Puerto Rico	WIVV The Rock	Vieques	2021.11.15	0300	24332
1377	Tanzania	Radio Free Africa	Mwanza	2021.11.12	2357	24432
1380	Cuba	Radio Angulo	Banes	2021.11.15	0900	14331
1390.015	Uruguay	CW45 Difusora Treinta y Tres	Treinta y Tres	2021.11.16	0228	24432
1400	Brazil	ZYJ462 Rádio Rio de Janeiro	Rio de Janeiro RJ	2021.11.13	0600	33333
1409.993	Uruguay	CX44 Radio La R	Montevideo	2021.11.16	0231	24421

1410	USA	WMYR	Fort Myers FL	2021.11.15	0859	23332
1413	Moldova / Transnistria	Vesti FM	Grigoriopol / Maiac	2021.11.12	2357	44434
1420	Brazil	ZYJ754 Rádio Guarujá	Florianópolis SC	2021.11.13	0457	33333
1419.998	Brazil	ZYJ200 Rádio Evangelizar	Curitiba PR	2021.11.16	0231	33333
1440	Brazil	ZYJ469 Rádio Livre	Rio de Janeiro RJ	2021.11.13	0557	24333
1440	USA	WWCL	Lehigh Acres FL	2021.11.15	0900	24321
1449	Maldives	Dhivehi Raajjeyge Adu	Thilafushi	2021.11.13	0029	23332
1450	Venezuela	YVKJ Radio Maria	Catia La Mar	2021.11.16	0259	23333
1460	USA	WQXM	Bartow FL	2021.11.15	0900	33322
1470.271	Brazil	ZYH665 Rádio Guanacés	Itapajé CE	2021.11.13	0758	23322
1470	Puerto Rico	WKUM Cumbre 1470	Orocovis	2021.11.16	0157	34333
1490	Colombia	HJAY Radio Vida Nueva	Barranquilla	2021.11.16	0158	23322
1490	Colombia	HJBS Emisora Punto 5	Bogotá	2021.11.16	0300	23322
1490.648	Ecuador	HCMV1 Radio Pasión	Quito	2021.11.16	0200	13321
1499.997	Brazil	ZYK626 Rádio Difusora	Pindamonhangaba SP	2021.11.13	0800	224X1
1499.747	Peru	OBX4I Radio Santa Rosa	Lima	2021.11.16	0157	24332
1500	Puerto Rico	WMNT Radio Atenas	Manatí	2021.11.15	0901	32322
1509.998	Colombia	HJD24 La Voz de La Unión	La Unión	2021.11.16	0231	33323
1510	USA	KPLS	Littleton / Denver CO	2021.11.15	0900	24322
1519.989	Brazil	ZYJ931 Xodó FM	Tobias Barreto SE	2021.11.13	0458	22332
1520.040	Colombia	HJLI Su Presencia Radio	Bogotá	2021.11.13	0002	23433
1520.069	Colombia	HJLQ Radio Príncipe de Paz	Barranquilla	2021.11.16	0302	23322
1520	Puerto Rico	WRSJ	San Juan	2021.11.15	0901	32332
1540	Brazil	ZYJ803 Rádio Capinzal	Capinzal SC	2021.11.16	0129	23332
1540.204	USA	WKVQ	Eatonton GA	2021.11.16	0457	24332
1548	UK / Scotland	Forth 2	Collinswell / Edinburgh	2021.11.13	0000	22332
1550	USA	WRHC	Coral Gables FL	2021.11.15	0857	33322
1560.031	Brazil	ZYJ501 Rádio Grande Rio AM	Itaguaí RJ	2021.11.15	0300	33323
1560.001	Colombia	HJHE Emisora Voces Rovirenses	Málaga	2021.11.12	2358	23322
1559.953	Colombia	HJXZ Santa María de la Paz	Medellín	2021.11.16	0300	23332
1560	USA	WGLB	Elm Grove / Milwaukee WI	2021.11.15	1000	23322
1566	Korea, South	Radio Free Asia	Jeju	2021.11.15	1000	24332
1570	Brazil	ZYK667 Rádio Socorro	Socorro SP	2021.11.13	0358	23322
1570	Brazil	ZYH621 Rádio Sertão Central	Senador Pompeu CE	2021.11.14	0759	22332
1570.002	Puerto Rico	WPPC Radio Felicidad	Peñuelas	2021.11.16	0201	24312
1574.863	Russia	Radio Free Waves Bay <i>(note 4)</i>	pirate	2021.11.12	2357	35434
1579.995	Colombia	HJQT Uniminuto Radio	Bogotá	2021.11.16	0200	33312

1580	Puerto Rico	WVOZ WAPA Radio	Morovis	2021.11.16	0157	23322
1583.966	Iran	IRIB Radio Semnan	Biarjmand	2021.11.09	2029	24343
1584	Italy	Radio Studio X	Arezzo	2021.11.12	2202	124X1
1584	Spain	SER Radio Ourense	Ourense	2021.11.12	2359	33323
1589.997	Colombia	HJIP Emisora BBN	Envigado	2021.11.16	0300	24312
1590	Puerto Rico	WXRF WAPA Radio	Guayama	2021.11.16	0157	23322
1593	France	Bretagne 5	St-Gouéno / Collinée	2021.11.12	2359	33333
1599.987	Uruguay	CV160 Radio Continental	Pando	2021.11.16	0259	22322
1602.143	Latvia	Radio Tsentr	Riga	2021.11.13	0000	23432
1602	Spain	SER Radio Ontinyent	Onteniente VA	2021.11.09	2031	23343
1602	Spain	SER Radio Cartagena	Cartagena MU	2021.11.09	2101	33423
1611	Norway	Radio Northern Star	Erdal / Bergen	2021.11.13	2043	24332
1615	Netherlands	Radio Quintus <i>(note 5)</i>	pirate	2021.11.13	2022	15331
1620	Netherlands	Radio DB	pirate	2021.11.12	1922	25332
1645	Netherlands	Radio Yogi <i>(note 5)</i>	pirate	2021.11.13	2030	25322
1646.034	Netherlands	Radio Noordster	pirate	2021.11.15	2210	15332
1655	Netherlands	Radio Belladonna	pirate	2021.11.12	2006	25322
1660	Puerto Rico	WGIT Faro de Santidad	Canóvanas	2021.11.16	0201	45344
1667	Netherlands	Radio Vrolijke Mijnwerker	pirate	2021.11.12	2115	25343
1698U	Spain	Finisterre Radio	Pastoriza	2021.11.13	2021	24333
1710	USA	WQFG689	Jersey City NJ	2021.11.12	2357	15321
6378	Netherlands?	Offshore Music Radio	pirate	2021.11.13	2138	34333

Notes: *note 1* ID solved by Andrea Lawendel, Mauricio Molano and Alessandro Groppazzi / RealDX; *note 2* ID by Mauno Ritola / RealDX; *note 3* With helpful comments from Stefan Schliephacke and Mauno Ritola / mwcircle; *note 4* Offset confirmed by Mauno Ritola / mwoffsets; *note 5* ID based on online chat room and blogs