

Stations logged from Newfoundland by Jean Burnell in 2023

8 to 13 November, from Renewa-Cappahayden NL (with John Fisher and Jim Renfrew): receivers: four Microtelecom Perseus; antennas: 280 m North (17°), 300 m Southeast (158°), 330 m South (205°, 11-14 Nov), 150 m South (175°, 14-16 Nov), Wellbrook Communications ALA100LN 30 m circumference loop (0°/180°); review used Jaguar Pro; accurate frequencies (four decimal places) relied on calibration using a Leo Bodnar Electronics miniGPS Referenced Clock emitting on 1705.0000 kHz

freq	country	station	location	UTC date	from	peak SINPO
531.0001	Algeria	Radio Algérie Internationale	F'Kirina, Ain El Beida	2023.11.15	0100	33332
540	Canada	CBT	Grand Falls-Windsor NL	2023.11.15	0955	45555
540	Dominican Republic	HIB20 Radio ABC	Santo Domingo	2023.11.13	0956	33323
550.0059	Brazil	ZYJ331 Rádio Banda B	Piraquara, Curitiba PA	2023.11.12	0305	22322
550	Colombia	HJHF Radio Nacional de Colombia	Marinilla, Medellín	2023.11.13	1001	23233
550.0007	Venezuela	YVKE Radio Mundial	Caracas	2023.11.14	0959	24343
559.9997	Argentina	Radio Nacional	3 possible sites	2023.11.12	0500	23321
560.0027	Guyana	NCN Voice of Guyana	Onderneeming / Georgetown	2023.11.10	0059	44232
570.0041	Brazil	ZYH614 Rádio Uirapuru de Itapipoca	Itapipoca CE	2023.11.11	2258	24333
570	Colombia	HJND Radio Nacional de Colombia	El Rosal, Bogotá	2023.11.14	0200	32432
579.9980	Brazil	ZYJ465 Rádio Relógio	Rio de Janeiro RJ	2023.11.15	0659	33332
580	Colombia	HJHP Radio Nacional de Colombia	Cali	2023.11.14	0300	22331
600	USA	KSJB	Jamestown ND	2023.11.15	1000	23323
610	Brazil	ZYH321 Super Rádio Boa Vontade	Irاندuba, Manaus AM	2023.11.13	0900	33333
610.0018	Brazil	ZYL268 Rádio Itatiaia	Belo Horizonte MG	2023.11.14	0200	33433
610	Uruguay	CX4 Radio Rural	Montevideo	2023.11.14	0158	23322
610	USA	KDAL	Duluth MN	2023.11.15	1000	14232
620	Bolivia	CP63 Radio San Gabriel	El Alto, La Paz	2023.11.13	0859	32332
620	Brazil	ZYH590 Rádio Assunção Cearense <i>(note 1)</i>	Fortaleza CE	2023.11.12	0259	33343
640	Colombia	HJBJ RCN Radio	Santa Marta	2023.11.13	0956	323X2
670.0009	Dominican Republic	HILB Radio Dial	San Pedro de Macoris	2023.11.11	2258	24333
680	Colombia	HJZO Radio Nacional de Colombia	Sabanagrande, Barranquilla	2023.11.13	1001	44444
690	Argentina	LRA4 Radio Nacional	Salta	2023.11.13	0900	32332
690.0017	Brazil	ZYI532 Rádio Clube do Pará	Belém PA	2023.11.11	2300	34333
689.9981	Panamá	HOR43 Radio Veraguas	Santiago	2023.11.14	0956	23323
700.0021	Argentina	LV3 Cadena 3	Córdoba	2023.11.12	0300	33333
700	Ecuador	HCRS2 Radio Sucre	Guayaquil	2023.11.13	0956	35434
719.9999	UK / Northern Ireland	BBC Radio 4	Lisnagarvey & two small	2023.11.15	0100	23332
730	Paraguay	ZP7 Radio ABC Cardinal	Lambaré, Asunción	2023.11.16	0759	22332
740.0052	Brazil	ZYH446 Rádio Sociedade da Bahia	Salvador BA	2023.11.15	0700	54344

749.9999	Argentina	LRL203 Radio AM 750	Quilmes Oeste, Buenos Aires	2023.11.12	0800	32332
749.9992	Brazil	ZYL213 Rádio América	Belo Horizonte MG	2023.11.15	0659	43322
750	Colombia	HJDK Caracol Radio	Medellín	2023.11.13	1001	223X1
760.0000	Argentina	LU6 Radio Atlántica	Mar del Plata	2023.11.15	0659	44333
779.9976	Brazil	ZYK69 Rádio América	São Paulo SP	2023.11.12	0303	23332
780.0026	British Virgin Islands	ZBVI Virgin Islands Broadcasting	Roadtown, Tortola	2023.11.12	0259	34343
790	USA	KFGO	Fargo ND	2023.11.15	1000	22322
809.9992	Colombia	HJCY Caracol Radio	Bogotá	2023.11.15	0300	34243
819.9993	Argentina	LRA8 Radio Nacional	Formosa	2023.11.15	0302	34233
829.9776	Brazil	ZYL244 Rádio Cultura	Belo Horizonte MG	2023.11.12	0300	34333
830	Venezuela	YVLT Radio Sensación	San Antonio de los Altos	2023.11.16	0756	24322
836.9998	UK / England	BBC Asian Network	Freemen's Common, Leicester	2023.11.15	0100	33332
840.009	Argentina	LV9 Radio Salta	Salta	2023.11.13	0859	43333
840	Argentina	LT12 Radio General Madariaga	Paso de los Libres	2023.11.16	0802	24333
840.0013	Brazil	ZYK687 Rádio Bandeirantes <i>(note 2)</i>	São Paulo SP	2023.11.15	0700	43333
839.9892	Haïti	4VEF Radio 4VEH	Cap-Haïtien	2023.11.14	1000	33333
850	Colombia	HJKC Candela 850	Bogotá	2023.11.13	0956	22332
850.0054	Perú	OBU7Z Pachamama Radio	Puno	2023.11.12	0801	25242
849.9996	Uruguay	CX16 Radio Carve	Montevideo	2023.11.15	0657	44333
860.0028	Brazil	ZYH592 Cidade AM 860	Maracanaú CE	2023.11.12	0259	33333
869.9985	Argentina	LRA1 Radio Nacional	Buenos Aires	2023.11.15	0659	44333
870	Dominican Republic	HIVG Radio La Vega	La Vega	2023.11.15	0953	23322
900	Argentina	LT7 Radio Provincia de Corrientes	Corrientes	2023.11.16	0801	24332
900.0001	Canada	CKBI	Prince Albert SK	2023.11.15	0958	24332
910	Colombia	HJMY RCN Radio	San Andrés	2023.11.13	0959	24231
909.9882	Venezuela	YVRQ AM Center	Caracas	2023.11.15	0958	24332
920.0013	Paraguay	ZP1 Radio Nacional del Paraguay	Asunción	2023.11.12	0759	24242
920	USA	WURA Radio Unida <i>(note 3)</i>	Quantico VA	2023.11.13	0958	33333
930	Colombia	HJCS La Voz de Bogotá	Bogotá	2023.11.15	0700	21XX1
940	Argentina	LRH200 Radio Chajarí	Chajarí	2023.11.16	0757	33322
939.9997	Canada	CJGX	Yorkton SK	2023.11.15	0958	32332
945	Romania	Radio România Actualități	Miercurea Ciuc	2023.11.15	0100	14322
950	Argentina	LR3 CNN Radio	Buenos Aires	2023.11.16	0759	33333
950.000	Brazil	ZYL212 Rádio Atalaia	Belo Horizonte MG	2023.11.12	0301	23332
950	Dominican Republic	HIB68 Radio Popular	Santo Domingo	2023.11.13	1000	33333
959.9994	Bolivia	CP32 Radio Santa Cruz	Santa Cruz	2023.11.11	2301	34323
959.9956	Brazil	ZYH802 Rádio Deus é Amor	Aparecida de Goiânia GO	2023.11.11	2258	24322
959.9977	Brazil	ZYH618 Rádio Cultura dos Inhamuns	Tauá CE	2023.11.12	0800	24332
959.9990	Cuba	Radio Reloj	Guantánamo	2023.11.14	1000	33333

979.9990	Cuba	CMCK Radio Coco	L. Cruz	2023.11.14	1000	22322
990	Argentina	LR4 Radio Splendid	Buenos Aires	2023.11.14	0159	33423
990	Perú	OBX4J Radio Dios es Amor	Lima	2023.11.13	0956	23332
990	USA	WNTP	Philadelphia PA	2023.11.13	1000	22321
999.0000	Moldova / Transnistria	Radio Rossii	Grigoriopol, Maiac	2023.11.15	0059	44333
1000	Colombia	HJAJ RCN Radio	Cartagena	2023.11.13	0958	33343
1000	Paraguay	ZP36 Radio Mil AM	Asunción	2023.11.14	0158	23322
1000	USA	KNWN	Seattle WA	2023.11.15	0959	33343
1009.9968	Brazil	ZYH625 Rádio O Povo CBN	Fortaleza CE	2023.11.14	0157	33433
1020	Argentina	LT10 Radio Universidad Nacional del Litoral	Santa Fe	2023.11.16	0801	24332
1019.9945	Brazil	ZYK531 Rádio Educadora <i>(note 1)</i>	Limeira SP	2023.11.15	0659	23322
1020	Colombia	HJFQ RCN Radio	Pereira	2023.11.13	0900	323X2
1026.0024	Iran	IRIB Radio Tabriz	Azarshahr	2023.11.15	0059	32322
1025.9983	UK / Northern Ireland	Downtown Radio	Knockbracken, Belfast	2023.11.15	0059	32322
1034.9984	UK / Scotland	Greatest Hits Radio	Ayr	2023.11.15	0100	24232
1039.9976	Brazil	ZYK537 Rádio Capital	São Paulo SP	2023.11.10	0257	34232
1040.0233	Colombia	HJCJ Colmundo Radio	Bogotá	2023.11.10	0229	24232
1039.9983	USA	WURN	Miami FL	2023.11.11	2330	34423
1039.615	Venezuela	YVLB La Voz de Carabobo	Valencia	2023.11.11	0231	23423
1050	Argentina	LV27 Radio San Francisco	San Francisco	2023.11.12	0301	22321
1050	Uruguay	CX26 Radio Uruguay	Montevideo	2023.11.14	0158	23432
1060	Brazil	ZYL278 Rádio Deus é Amor	Pedro Leopoldo MG	2023.11.12	0301	33333
1060	Puerto Rico	WCGB	Juana Diaz	2023.11.13	0859	33323
1070	Argentina	LR1 El Destape Radio	Wilde, Buenos Aires	2023.11.16	0758	34434
1070	Brazil	ZYI673 Rádio Cajazeiras	Cajazeiras PB	2023.11.12	0258	33343
1070	Colombia	HJAH Emisora Atlántico	Barranquilla	2023.11.13	1001	22322
1070	Colombia	HJCG Radio Santa Fe	Bogotá	2023.11.13	1001	33333
1080	Colombia	HJAX La Voz de Antioquia	Medellín	2023.11.13	1000	32332
1080	Paraguay	ZP25 Radio Monumental	Chacoí, Asunción	2023.11.16	0758	33323
1089.9974	Argentina	Radio Décadas	José León Suárez, Buenos Aires	2023.11.12	0956	24333
1090	Brazil	ZYJ468 Rádio Metropolitana	Rio de Janeiro RJ	2023.11.14	0201	32322
1089.9998	Colombia	HJIH Tropicana 1090	Sogamoso	2023.11.12	0059	33333
1090.023	Colombia	HJOM Radio María Colombia	Cartagena	2023.11.13	0902	23322
1090	Colombia	HJBC Caracol Radio	Cúcuta	2023.11.15	1000	22322
1090.0010	Dominican Republic	HIJM Radio Amistad	Santiago de los Caballeros	2023.11.15	0927	23322
1089.9995	USA	KAAY	Little Rock AR	2023.11.15	1028	15332
1099.9959	Brazil	ZYH638 Rádio Difusora dos Inhamuns	Tauá CE	2023.11.12	0801	24332
1099.999	Colombia	HJCN BBN	Bogotá	2023.11.12	0259	24322
1100	Colombia	HJAT Caracol Radio	Barranquilla	2023.11.13	1000	32322

1100	Colombia	HJYZ RCN Radio Red	Neiva	2023.11.14	0202	233X1
1106.9761	Afghanistan	Radio Afghanistan	Pol-e Charkhi, Kabul	2023.11.15	0030	24232
1107.0012	UK / Scotland	Greatest Hits Radio	Tarbat Ness, Inverness	2023.11.15	0102	23232
1109.998	Brazil	ZYI689 Rádio Tabajara	João Pessoa PB	2023.11.11	2302	23322
1110	Brazil	ZYJ471 Rádio Record	Campos RJ	2023.11.14	0159	22432
1110	Colombia	HJEW Radio Reloj	Cali	2023.11.13	0900	33333
1120	Colombia	HJKQ Caracol Radio	Tunja	2023.11.13	0859	22332
1130	Colombia	HJVA Fuego AM	Bogotá	2023.11.13	0858	33323
1150	Argentina	LRA2 Radio Nacional	Viedma	2023.11.12	0300	23332
1150.0047	Brazil	ZYK656 Super Rádio	São Paulo SP	2023.11.14	0201	34434
1150	Canada	CJSL	Estevan SK	2023.11.15	0956	33323
1150	Colombia	HJFI Caracol Radio	Armenia	2023.11.13	0859	24322
1150	USA	WHBY	Kimberly WI	2023.11.15	1000	22332
1152.0000	UK / England	Greatest Hits Radio	Greenside, Newcastle	2023.11.15	0100	22222
1152.0021	UK / Scotland	Greatest Hits Radio	Dechmont Hill, Glasgow	2023.11.15	0100	32232
1160	Puerto Rico	WMTI Borinquén Radio	Barceloneta, Manatí	2023.11.14	0159	33423
1160.9999	UK / Scotland	Greatest Hits Radio	Greenside Scalp, Dundee	2023.11.15	0102	24232
1170	Argentina	LRA29 Radio Nacional	San Luis	2023.11.12	0300	223X1
1169.9928	Brazil	ZYJ598 Rádio Difusora	Mossoró RN	2023.11.11	2201	24333
1170	Colombia	HJNW Caracol Radio	Cartagena	2023.11.13	0900	33333
1180	Colombia	HJFX Caracol Radio	Manizales	2023.11.13	0900	22322
1190	Argentina	LR9 Radio Perfil	Buenos Aires	2023.11.12	2257	34333
1190	Canada	CFSL	Weyburn SK	2023.11.15	1000	23332
1190	Venezuela	YVZD Radio Cultural del Táchira	San Cristóbal	2023.11.13	0900	23332
1200.0046	Brazil	ZYK520 Rádio Cultura Brasil	São Paulo SP	2023.11.12	0758	23333
1200	Colombia	HJNF Radio Red	Cali	2023.11.13	0859	32332
1210	Colombia	HJFR W Radio	Neiva	2023.11.13	1003	23322
1210	Puerto Rico	WHYOY Radio Hoy	Salinas	2023.11.14	0158	23322
1220	Colombia	HJKR Radio María Colombia	Bogotá	2023.11.14	0159	44333
1230	Argentina	LT9 Radio Dos	Rosario	2023.11.12	2257	34323
1230	Colombia	HJLK Radio Calidad	Cali	2023.11.13	0859	33433
1229.9997	Puerto Rico	WNIK Única Radio	Arecibo	2023.11.11	2300	24333
1239.995	Dominican Republic	HIBQ81 Radio María Dominicana	Santo Domingo	2023.11.13	0858	24333
1250	Canada	CJYE	Oakville ON	2023.11.16	0801	35333
1250	Colombia	HJCA Radio Capital	Bogotá	2023.11.13	0859	34323
1259.9973	Brazil	ZYK688 Super Rádio Boa Vontade	São Paulo SP	2023.11.11	2258	33323
1270	Argentina	LRA20 Radio Nacional	Las Lomitas	2023.11.12	0300	23332
1270	Argentina	LS11 Radio Provincia de Buenos Aires	La Plata	2023.11.12	2300	43433
1270.030	Colombia	HJAR La Cariñosa	Cartagena	2023.11.13	0959	34424

1277.9948	Ukraine	Ukrainian Radio, First Channel	Kurisove	2023.11.15	0059	34232
1280	USA	WODT	New Orleans LA	2023.11.14	0159	33333
1290.284	Brazil	ZYH888 Rádio Timbira do Maranhão	São Luís MA	2023.11.16	0759	34333
1290	Colombia	HJMC Radio Viva	Cali	2023.11.13	0959	22322
1290.0026	Uruguay	CX38 Radio Cultura	Montevideo	2023.11.11	2300	23332
1290	USA	WHKY	Hickory NC	2023.11.14	0159	33333
1290.0049	USA	WTKS	Savannah GA	2023.11.14	1000	33322
1300.0044	Brazil	ZYK203 Super Rádio Boa Vontade	Porto Alegre RS	2023.11.11	2259	34323
1300	Puerto Rico	WTIL Borinquen Radio	Mayagüez	2023.11.13	0956	34343
1300	Sint Maarten	PJD2 Voice of Saint Maarten <i>(note 4)</i>	Philipsburg	2023.11.13	0857	33333
1309.67	Colombia	HJAK Voz de la Patria Celestial	Barranquilla	2023.11.13	0858	13331
1320	Colombia	HJMS RCN Radio	Barrancabermeja	2023.11.12	0257	133x1
1320	Colombia	HJTA Radio María Colombia	Medellín	2023.11.13	0902	133X1
1320	Puerto Rico	WSKN Radio Isla	San Juan	2023.11.12	0302	23322
1330	Colombia	HJLS Caracol Radio	Popayán	2023.11.13	0900	22322
1350	Puerto Rico	WEGA Candelita 7	Vega Baja	2023.11.12	0256	44444
1360	Uruguay	CW41 Radio 41	San José de Mayo	2023.11.14	0159	24332
1369.9953	Puerto Rico	WIVV	Viequez	2023.11.11	2300	24322
1370	Colombia	HJBO Emisora Minuto de Dios	Barranquilla	2023.11.13	0903	32322
1380	Perú	OAX2W Radio Campesina	Cajamarca	2023.11.13	0902	23322
1385.9982	Lithuania	Radio Ukraine International	Viešintos	2023.11.15	0058	44333
1400	Colombia	HJAS La Cariñosa	Barranquilla	2023.11.13	1000	23331
1400	Grenada	Harbour Light of the Windwards	Carriacou	2023.11.13	0957	34333
1410	Colombia	HJDU Em. Cultural Universidad de Antioquia	Medellín	2023.11.13	0857	23332
1420	Colombia	HJBH Radio Magdalena	Santa Marta	2023.11.13	0900	133X1
1420	Puerto Rico	WUKQ	Ponce	2023.11.12	0301	23322
1430	Dominican Republic	HIBQ79 Radio Emanuel	Santiago de los Caballeros	2023.11.12	0300	23322
1440.0396	Brazil	ZYK634 Rádio Comercial	Presidente Prudente SP	2023.11.11	2201	14321
1440	Brazil	ZYJ469 Rádio Livre	Rio de Janeiro RJ	2023.11.12	2259	25333
1440.0003	Dominican Republic	HIAK Radio Impactante	Santo Domingo	2023.11.11	0201	22332
1439.9999	Nicaragua	YNRM Radio Maranatha	Managua	2023.11.13	0959	33333
1440	Uruguay	CX144 Radio Rivera	Rivera	2023.11.14	0755	23333
1440	USA	WWCL	Lehigh Acres, Fort Myers FL	2023.11.13	2300	22331
1449.0002	UK / Scotland	BBC Radio 4	Redmoss, Aberdeen	2023.11.15	0100	24322
1450	Colombia	HJNL La Cariñosa	Manizales	2023.11.14	0158	23332
1450	USA	WPGG	Atlantic City NJ	2023.11.11	2259	23333
1450	Venezuela	YVKJ Radio Maria	Catía La Mar	2023.11.12	0300	23333
1458	UK / England	Gold	Ashton Moss, Manchester	2023.11.15	0100	22322
1460	Colombia	HJTN Radio María Colombia	Turbo	2023.11.13	0902	12321

1460	Colombia	HJJW Radio Nuevo Continente	Bogotá	2023.11.13	0958	23322
1459.9955	USA	WQOP	Jacksonville FL	2023.11.14	1000	22332
1470.0103	Brazil	ZYJ616 Rádio Rural de Parelhas	Parelhas RN	2023.11.09	2300	33333
1470	Colombia	HJII Esperanza Colombia Radio	Medellín	2023.11.14	0201	23332
1470	Puerto Rico	WKUM Cumbre 1470	Orocovis	2023.11.13	0956	23323
1470.0093	Uruguay	CX147 Radio Cristal	Las Piedras	2023.11.15	0728	23332
1470.0056	USA	WWBG	Greensboro NC	2023.11.11	0700	33423
1470.0013	USA	WNYX	Ithaca NY	2023.11.11	1000	22432
1479.9980	Puerto Rico	WMDD	Fajardo	2023.11.12	0201	34433
1480.0058	Uruguay	CW43B Radio Internacional AM	Rivera	2023.11.14	0501	23321
1490	Colombia	HJBS Punto Cinco	Bogotá	2023.11.13	0900	44434
1490	Puerto Rico	WDEP Radio Isla	Ponce	2023.11.12	0302	23332
1500	Colombia	HJUW Radio María Colombia	Manizales	2023.11.13	0902	133X1
1500.128	Perú	OBX4I Radio Santa Rosa	Lima	2023.11.13	0857	23323
1510	Ecuador	HCBD1 Radio Monumental	Quito	2023.11.12	0258	23333
1510.065	Perú	OCX4J Radio Tarma	Tarma	2023.11.13	1002	24333
1520	Puerto Rico	WRSJ Romance 1520	San Juan	2023.11.12	2258	34333
1529.9332	Brazil	ZYK235 Rádio Sulina	Dom Pedrito RS	2023.11.14	0200	24322
1559.9978	Argentina	LT11 Radio Nacional	Concepción del Uruguay	2023.11.11	0257	33322
1559.9826	Brazil	ZYJ361 Rádio Terra Nativa <i>(note 5)</i>	Ribeirão do Pinhal PR	2023.11.12	0257	23322
1559.9959	Brazil	ZYL256 Rádio Jornal	Leopoldina MG	2023.11.12	0300	23322
1559.816	Brazil	ZYH622 Rádio Difusora	Pentecoste CE	2023.11.13	2128	24432
1559.992	Colombia	HJXZ Santa María de la Paz	Medellín	2023.11.13	0930	23333
1560	Colombia	HJLP La Cariñosa	Tuluá	2023.11.13	0959	23311
1559.9948	Panamá	Radio Adventista	Llano Bonito, Panamá City	2023.11.10	0700	24332
1570	Perú	OCU4J Bethel Radio	Lima	2023.11.13	0858	23332
1580	Colombia	HJQZ Radio María Colombia	Barranquilla	2023.11.13	0902	23322
1580	USA	WSRF	Fort Lauderdale FL	2023.11.13	1000	223X1
1590	Puerto Rico	WXRF Borinquen Radio	Guayama	2023.11.13	0857	33323
1600	USA	WKWF	Key West FL	2023.11.12	0300	22322

Notes: *note 1* Overnight relay of Rádio Bandeirantes; *note 2* However, on 2023.11.14 at 0200 UTC the exact frequency was 839.9948 kHz; *note 3* ID with help from Bill Whitacre and Jan Alvestad / RealDX; *note 4* Relaying PJD3 Power 102.7 FM; *note 5* Relaying Rádio Bandeirantes overnight.