

Stations logged from Newfoundland by Jean Burnell in 2016

16 to 22 November, from Cappahayden NL (with John Fisher): receivers: three Microtelecom Perseus and RFSpace SDR-IQ;
antennas: 370 m at northern Europe, 300 m at South Atlantic, 6.4 m (vert) x 12.8 m (horiz) Superloop at Ethiopia

freq	country	station	location	UTC date	from	peak SINPO
530	Canada	CIAO	Brampton ON	2016.11.17	0959	25343
540	Dominican Rep.	HICM Radio ABC	Santo Domingo	2016.11.19	0300	22422
540	Hungary	Kossuth Radio	Solt	2016.11.19	1959	44554
540	Kuwait	Radio Kuwait Main Pgm	Mubarak Al-Kabeer	2016.11.17	2258	214X1
540	Nigeria	Rima Radio	Sokoto	2016.11.19	2302	12431
549	Ukraine	Ukrainian Radio Persha Pgm	Luch / Mykolaiv	2016.11.18	1929	22332
550	Puerto Rico	WPAB	Ponce	2016.11.21	0858	24332
558	Iran	IRIB Radio Iran	Gheslagh	2016.11.17	2357	33443
560	Argentina	Radio Nacional	unknown (three possible)	2016.11.21	0857	34333
560	Brazil	ZYH887 Rádio Educadora do Maranhão	São Luís MA	2016.11.19	0255	33443
570	Greenland	Kalaallit Nunaata Radioa	Nuuk	2016.11.17	2259	21431
576	Spain	RNE Radio 5	Barcelona CA	2016.11.18	0625	22331
600	Colombia	HJHJ Radio Libertad	Barranquilla	2016.11.18	0857	23332
612	Morocco	SNRT Al Idaâ Al-Watania	Sebaâ-Aioun	2016.11.19	2059	33443
620	USA	WHEN	Syracuse NY	2016.11.17	1000	32332
621	Belgium	RTBF La Première	Wavre	2016.11.18	1859	33443
630	Canada	CFCO	Chatham ON	2016.11.17	1000	23322
630	Romania	Radio Timișoara	Orțișoara / Timișoara	2016.11.18	2000	33333
639	Czech Rep.	Český Rozhlas Dvojka	Prague	2016.11.19	2258	33443
640	Brazil	ZYJ590 Rádio Globo	Natal RN	2016.11.17	0031	21421
648	India	All India Radio	Indore	2016.11.17	0024	14331
648	Slovenia	Radio Murski Val (tent)	Nemčavci	2016.11.17	2358	33322
657	Israel	Kol Israel Reshet Bet	Yavne / Tel Aviv	2016.11.17	2359	23332
670	Brazil	ZYJ921 Rádio Cultura de Sergipe	Aracajú SE	2016.11.19	0304	32432
670	Cuba	Radio Progreso	unknown	2016.11.21	0900	33333
675	Qatar	Qatar Media Corporation	Al-Arish / Doha	2016.11.19	2059	24443
677.497	Libya	Libya Al Wataniya	Benghazi	2016.11.17	2100	33443
680	Venezuela	YVQR Radio Continente	Cumaná	2016.11.19	0255	33433
684	Ethiopia	Ethiopian Broadcasting Corp.	Metu	2016.11.17	2057	12431
700	Brazil	ZYI890 Rádio Globo	Teresina PI	2016.11.19	2358	23332
702	Algeria	Radio Algérienne	Laghouat	2016.11.19	2259	24333

702	Iran	VOIRI	Kiashahr	2016.11.18	1929	34333
702	Slovakia	Rádio Devín	Čížatice	2016.11.17	2259	13431
711	Romania	Radio România Actualităţi	Onceşti / Sighetu Marmatei	2016.11.19	0400	32432
720	Greenland	Kalaallit Nunaata Radioa	Simiutaq	2016.11.17	2259	44454
729	UK / England	BBC Essex	Manningtree	2016.11.18	2000	23323
730	Brazil	ZYI780 Rádio Rural	Petrolina PE	2016.11.19	0158	33322
730	Cuba	Radio Progreso	Santa Fé / Nueva Gerona	2016.11.18	0857	33333
747	India	All India Radio	Lucknow	2016.11.18	0025	23332
756	India	All India Radio	Jagdalpur	2016.11.18	0024	13321
756	Malawi	MBC Radio 1	Blantyre	2016.11.19	2328	24432
756	UK / England	BBC Radio Cumbria	Carlisle	2016.11.19	0200	14331
760	Brazil	ZYH588 Rádio Uirapurú	Fortaleza CE	2016.11.19	0359	44444
765	Sudan	SRTC Al-Barnameg al-Aam	Khartoum	2016.11.17	2100	24432
765	UK / England	BBC Essex	Baker's Wood / Chelmsford	2016.11.19	2059	34433
770	Cuba	Radio Reloj	unknown	2016.11.21	0901	32332
774	UK / England	Smooth Radio	Little Shurdington / Cheltenham	2016.11.18	1859	23432
779.976	USA	WXME	Monticello ME	2016.11.19	2054	14331
783	Spain	COPE Catalunya y Andorra	Barcelona CA	2016.11.19	2257	24342
783	Syria	Syrian Radio	Tartus	2016.11.19	0300	33443
792	Spain	SER Radio Sevilla	Sevilla	2016.11.19	0258	34433
792	UK / Northern Ireland	BBC Radio Foyle	Londonderry	2016.11.20	2000	22332
818.971	Iran	IRIB Radio Mazandaran	Sari	2016.11.19	0257	23322
819	India	All India Radio	New Delhi	2016.11.18	0023	23422
828.000	Nigeria	FRCN Radio Nigeria	Enugu	2016.11.19	2122	24332
828	Russia	Radiogazeta Slovo	Sankt-Peterburg	2016.11.18	0016	33433
828.000	South Africa	Magic 828	Klipheuwel / Cape Town	2016.11.19	2134	24332
828	UK / England	Smooth Radio	Lewsey Farm / Luton	2016.11.18	1958	34444
837	Iran	IRIB Radio Isfahan	Habibabad	2016.11.17	2100	43433
837	Spain	COPE Burgos	Burgos CL	2016.11.17	2100	32442
837	Spain	COPE Sevilla	Sevilla AN	2016.11.19	2258	44454
837	Ukraine	Ukrainian Radio Persha Pgm	Taranivka / Kharkiv	2016.11.18	1929	33343
840	Argentina	LV9 Radio Salta	Salta	2016.11.18	0857	33323
840	Argentina	LT12 Radio General Madariaga	Paso de los Libres	2016.11.19	0300	22332
840	Colombia	HJKK	Neiva	2016.11.21	0859	33333
845	Eritrea	Dimtsi Hafash 2	Asmara	2016.11.19	0301	14421

846	India	All India Radio	Ahmedabad	2016.11.18	0018	14332
846	Ireland	Radio North	Redcastle	2016.11.19	2000	34444
855	Ethiopia	Ethiopian Broadcasting Corp.	Harar	2016.11.17	2057	22431
855	UK / England	Sunshine Radio	Villa Farm / Ludlow	2016.11.17	2300	224X2
855	UK / England	BBC Radio Norfolk	Postwick	2016.11.19	2100	22431
864	Egypt	ERTU Quran Pgm	Santah	2016.11.19	2259	33443
870	Argentina	LRA1 Radio Nacional	Buenos Aires	2016.11.19	0359	23433
873	UK / Northern Ireland	BBC Radio Ulster	Enniskillen	2016.11.18	2000	224X2
891	Lesotho	LNBS Ultimate Radio (tent)	Lancer's Gap	2016.11.19	0256	23432
891	Turkey	TRT 1 Radyo Bir	Antalya	2016.11.19	0258	33433
900	Canada	CHML	Hamilton ON	2016.11.17	1000	24333
900	Romania	Radio România Actualităţi	Timişoara	2016.11.19	0257	32442
900	Spain	Radio Popular / Herri Irratia	Bilbao EU	2016.11.18	1930	32332
910	USA	WABK	Bangor ME	2016.11.17	1001	24332
910	USA	KCJB	Minot ND	2016.11.17	1129	25343
918	Egypt	ERTU Al-Barnameg al-Aam	Bawiti	2016.11.19	2100	22431
918	India	All India Radio	Suratgarh	2016.11.18	0023	33433
920	Canada	CFRY	Portage la Prairie MB	2016.11.17	1057	15342
927	Turkey	TRT 1 Radyo Bir	Izmir	2016.11.19	0303	23432
940	Canada	CFNV	Montréal QC	2016.11.19	0258	45555
940	USA	WCPC	Houston / Tupelo MS	2016.11.19	2257	33342
945	Iran	IRIB Radio Kurdistan	Dehgolan	2016.11.19	1958	32322
945	Romania	Radio România Actualităţi	Miercurea Ciuc	2016.11.19	0300	33433
945	UK / England	Gold	Quarndon / Derby	2016.11.19	1958	22331
950	Canada	CFAM	Altona MB	2016.11.18	0859	33423
950	Eritrea	Dimtsi Hafash 1	Asmara	2016.11.19	0256	24443
954	Czech Rep.	Český Rozhlas Dvojka	three transmitters	2016.11.19	0357	33432
954	India	All India Radio	Najibabad	2016.11.18	0023	33333
954	Turkey	TRT 1 Radyo Bir	Trabzon	2016.11.19	0257	33443
963	Cyprus	Cyprus Broadcasting Corp. / CBC 1	Nicosia	2016.11.18	0000	33333
963	UK / England	Asian Sound Radio	Haslingden	2016.11.18	1859	24333
963	UK / England	Sunrise Radio	Lee Bridge Road / London	2016.11.19	0259	33433
972	Ethiopia	Ethiopian Broadcasting Corp.	Robe	2016.11.17	2057	23432
972	Iran	IRIB Radio Ilam	Ilam	2016.11.17	2101	32442

972	Nigeria	Katsina State Radio (tent)	Dutsinma / Katsina	2016.11.19	2258	23332
972	Spain	RNE Radio Nacional	Monforte de Lemos GA	2016.11.18	0625	23332
972	Tajikistan	VOA	Orzu	2016.11.18	2000	23322
972	UK / England	Sunrise Radio	Glade Lane / London	2016.11.19	2258	24332
980	Canada	CHRF	Montréal QC	2016.11.17	1059	34443
990	India	All India Radio	Jammu	2016.11.18	0023	22422
990	UK / Wales	BBC Radio 5 Live	Tywyn	2016.11.19	2000	44424
999	Moldova	Trans-World Radio	Grigoriopol / Maiac	2016.11.18	1959	44444
999	Spain	COPE Madrid	Madrid MA	2016.11.17	2100	33443
999	UK / England	Rock FM 2	Longton / Preston	2016.11.19	0400	33323
1008	Netherlands	Groot Nieuws Radio	Zeewolde / Flevo	2016.11.18	0023	44454
1017	UK / England	Free Radio 80s	Shrewsbury	2016.11.19	2259	24332
1026	Iran	IRIB Radio Tabriz	Azarshahr	2016.11.18	1928	43443
1026	Nigeria	Radio Jigawa	Dutse	2016.11.19	2057	32442
1035	Estonia	Trans-World Radio / Radio Eli	Tartu	2016.11.19	0300	33433
1035	UK / England	Dilse Radio	Crystal Palace / London	2016.11.19	2100	22442
1035	UK / Scotland	Northsound 2	Nigg / Aberdeen	2016.11.19	0259	33433
1044	China	Xinjiang PBS	synchros	2016.11.17	2300	224X2
1050	Canada	CHUM	Toronto ON	2016.11.17	1000	33443
1070	Brazil	ZYI673 Rádio Cajazeiras	Cajazeiras PB	2016.11.19	0159	24332
1071	Czech Rep.	Český Rozhlas Plus	Ostrava & České Budějovice	2016.11.19	0359	33333
1071	India	All India Radio GOS	Rajkot	2016.11.18	0015	43433
1071	Iran	IRIB Radio Ma'aref	Qom	2016.11.19	1957	44434
1090	Venezuela	YVSZ Unión Radio	Caracas	2016.11.21	0859	24433
1097.983	Slovakia	Rádio Devín	Jarok / Nitra	2016.11.17	2258	34434
1098	China	CNR 11	Golmud	2016.11.17	2300	134X1
1100	Colombia	HJAT Caracol Radio	Barranquilla	2016.11.21	0857	33333
1107	Afghanistan	Radio Afghanistan	Pol-e Charkhi / Kabul	2016.11.18	0027	44444
1107	India	All India Radio	Gulbarga	2016.11.18	0024	123X1
1107	UK / Scotland	MFR 2	Tarbat Ness / Inverness	2016.11.19	0255	33443
1116	Italy	RAI Radio 1	Palermo	2016.11.19	2258	32342
1116	Channel Is.	BBC Radio Guernsey	Rohais / Guernsey	2016.11.17	2100	23332
1120	Brazil	ZYH598 Rádio Tupinambá	Sobral CE	2016.11.17	0031	33333
1120	Canada	CJSL	Estevan SK	2016.11.17	1100	15431

1125	Belgium	RTBF Vivacité	Houdeng / La Louvière	2016.11.19	0301	33333
1125	Spain	RNE Radio 5	Soria CL	2016.11.18	0625	23332
1134	Kuwait	Radio Kuwait Main Pgm	Kabd	2016.11.19	2257	33333
1134	Spain	COPE Salamanca	Salamanca CL	2016.11.17	2100	33443
1142.993	India	All India Radio	Rohtak	2016.11.18	0023	24333
1143	Spain	COPE Ourense	Ourense GA	2016.11.19	2258	33443
1152	United Arab Emirates	Voice of Kerala (tent)	Ras al-Khaimah	2016.11.18	2000	32432
1161	UK / England	BBC Sussex	Bexhill-on-Sea	2016.11.17	2100	22432
1161	UK / England	Smooth Radio	Blunsdon / Swindon	2016.11.18	2001	23333
1170	UK / England	Signal 2	Sideway / Stoke-on-Trent	2016.11.18	1959	22322
1170	UK / England	TFM 2	Stockton	2016.11.19	0255	22422
1170	UK / Wales	Swansea Sound	Winsh-Wen / Swansea	2016.11.17	2358	23322
1188.033	India	All India Radio	Mumbai	2016.11.18	0023	233X1
1190	Argentina	LR9 Radio America <i>(note 1)</i>	Buenos Aires	2016.11.19	0257	33332
1197.028	Iran	IRIB Radio Ardabil	Moghan	2016.11.17	2259	33433
1200	Colombia	HJNF RCN Radio Red	Cali	2016.11.19	2259	23323
1206	Israel	Kol Israel Reshet Bet	Akko / Haifa	2016.11.18	0000	14332
1206	Mozambique	EP de Inhambane	Inhambane	2016.11.19	2000	24333
1215	Spain	COPE Córdoba	Córdoba AN	2016.11.17	2100	32432
1215	Spain	COPE León	León CL	2016.11.19	2258	32332
1224	Iran	IRIB Radio Iran	Kerman	2016.11.19	2001	22332
1224	Spain	COPE Lugo	Lugo GA	2016.11.17	2100	34444
1224	Spain	COPE Huelva	Huelva AN	2016.11.19	2258	33333
1233	Czech Rep.	Rádio Dechovka	synchros	2016.11.18	1959	24333
1233	Kenya	Kenya BC Northeasten Service	Marsabit	2016.11.17	2100	24332
1251	Hungary	Dankó Rádió	Szombathely & Nyíregyháza	2016.11.19	0358	34444
1260	USA	WSUA	Miami FL	2016.11.19	0200	32322
1269	Iran	IRIB Radio Ardabil	Khalkhal	2016.11.17	2259	33433
1269	Nigeria	Radio Taraba <i>(note 2)</i>	Jalingo	2016.11.19	1957	23333
1269	Spain	COPE Badajoz	Badajoz EX	2016.11.17	2100	33433
1269	United Arab Emirates	Radio Asia <i>(note 3)</i>	Ras al-Khaimah	2016.11.18	1958	33343
1278	Iran	IRIB Radio Kermanshah	Kermanshah	2016.11.18	1959	33333
1278	UK / England	Pulse 2	Tyersal Lane / Bradford	2016.11.19	0358	24323
1278	Ukraine	Radio Ukraine World Service	Petrivka	2016.11.18	1959	33333

1280	USA	WJYE	Gardiner ME	2016.11.17	1100	24333
1280	USA	KVXR	Moorhead MN	2016.11.19	2258	23323
1287	India / Goa	All India Radio	Panaji	2016.11.18	0024	13321
1290	Canada	CFRW	Winnipeg MB	2016.11.17	1129	25343
1296	Afghanistan	VOA Radio Ashna	Pol-e Charkhi / Kabul	2016.11.18	0030	32332
1296	Spain	COPE Valencia	Valencia VA	2016.11.17	2100	33443
1296	Sudan	SRTC Al-Barnameg al-Aam	Reiba	2016.11.17	2100	33423
1305	India	All India Radio	Parbhani	2016.11.18	0018	22332
1310	USA	KNOX	Grand Forks ND	2016.11.19	0300	23322
1323	Romania	Radio Târgu Mures	Târgu Mures	2016.11.19	0357	34343
1330	Brazil	ZYK736 Rádio Terra	São Paulo SP	2016.11.19	0401	34424
1359	Ethiopia	Dimtsi Woyane Tigray	Mekelle	2016.11.19	0256	23343
1359	Italy	Radio Time	Palermo	2016.11.19	0200	23332
1359	UK / England	Free Radio 80s	Shilton / Coventry	2016.11.19	2256	24332
1367.969	Iran	IRIB Radio Golestan	Gonbad-e Qabus	2016.11.17	2101	23333
1386	Lithuania	Radio Poland	Sitkūnai / Kaunas	2016.11.19	0359	34444
1395	India	All India Radio	Bikaner	2016.11.18	0023	14331
1395	Netherlands	Radio SeaBreeze	Grau	2016.11.19	0258	14331
1404	Greece	ERA Komotini	Komotini	2016.11.19	0301	34433
1404	Romania	Radio România Actualități	Sibiu	2016.11.19	0256	34433
1404	Romania	Radio România	Sighetu	2016.11.19	0359	34444
1410	USA	KQV	Pittsburgh PA	2016.11.21	0900	33322
1413	China	Xinjiang PBS	synchros	2016.11.17	2300	124X1
1413	UK / England	Premier Christian Radio	Dartford & Heathrow	2016.11.19	0400	22432
1422	Malawi	MBC Radio 1	Matiya	2016.11.19	2328	22432
1422	Romania	Radio România Actualități	Râmnicu Vâlcea	2016.11.19	0400	32332
1431	Ukraine	Radio Ukraine World Service	Luch / Mykolaiv	2016.11.18	1959	33333
1440	Nigeria	Adamawa Broadcasting Corp.	Yola	2016.11.19	2058	23433
1449	UK / England	BBC Asian Network	Gunthorpe / Peterborough	2016.11.18	2000	34433
1449	UK / Scotland	BBC Radio 4	Redmoss / Aberdeen	2016.11.18	1959	34444
1458	Gibraltar	Radio Gibraltar	Maida Vale	2016.11.17	2059	33443
1458	Romania	Radio România Actualități	Constanța	2016.11.20	2000	33332
1458	UK / England	BBC Radio Cumbria	Whitehaven	2016.11.18	0000	23322
1458	UK / England	BBC Newcastle	Wrekenton / Newcastle	2016.11.18	1928	23322

1458	UK / England	BBC Asian Network	Langley Mill / Birmingham	2016.11.18	2000	22432
1460	Canada	CJOY	Guelph ON	2016.11.17	1030	22322
1485	Ethiopia	Ethiopian Broadcasting Corp.	Negele Borana	2016.11.17	2100	12421
1490	USA	WXTG	Hampton VA	2016.11.19	2258	24332
1494	China	Xinjiang PBS	small synchros	2016.11.18	0000	24343
1494	Ireland	Laser Hot Hits	pirate	2016.11.19	0256	24333
1494	Moldova	Radio Moldova Actualităţi	Cahul & Edineţ	2016.11.18	1959	33443
1512	Iran	IRIB Radio Ardabil	Ardabil	2016.11.17	2259	34444
1521	China	China Radio International	Hutubi / Urumqi	2016.11.17	2358	44434
1521	Spain	SER Radio Castellón	Castellón VA	2016.11.18	1957	32332
1521	UK / England	Flame CCR	Wirral	2016.11.18	1959	33433
1530	São Tomé e Príncipe	VOA	Pinheira	2016.11.19	0258	34444
1530	UK / England	Pulse 2	Vicars Lot / Huddersfield	2016.11.19	0256	32332
1539	Greece	Vassilis (tent)	Nafpaktos	2016.11.19	1957	23332
1539	Iran	IRIB Radio Iran	Gamsar	2016.11.19	2001	23332
1539	Spain	SER Radio Elche	Elche VA	2016.11.18	1959	33343
1548	UK / England	Gold	Saffron Green / London	2016.11.19	0301	22322
1548	UK / Scotland	Forth 2	Collinswell / Edinburgh	2016.11.19	0359	34333
1557	Iran	IRIB Radio Iran	Zabol	2016.11.19	2001	24343
1557	UK / England	BBC Radio Lancaster	Oxcliffe	2016.11.19	0258	32322
1557	UK / England	Smooth Radio	Veals Farm / Southampton	2016.11.19	0258	22322
1566	Netherlands	Vahon Hindustani Radio	Leidschenveen / Den Haag	2016.11.18	1928	33333
1566	UK / England	BBC Somerset	Taunton	2016.11.18	2000	34333
1570	USA	WCCM	Andover / Methuen MA	2016.11.21	0900	23332
1590	USA	KGFK	East Grand Forks MN	2016.11.17	1059	24332
1593	India	All India Radio	Bhopal	2016.11.18	0023	22331
1602	Netherlands	Radio Seagull	Finkum / Pietersbierum	2016.11.18	1958	23332
1610	Canada	CHRN Radio Humsafar	Montréal QC	2016.11.19	0400	32332
1620	USA	WNRP	Gulf Breeze / Pensacola FL	2016.11.19	0400	23332
1630	USA	KRND	Fox Farm WY	2016.11.17	0959	33343
1630	USA	KKGM	Fort Worth / Dallas TX	2016.11.19	0259	23332
1640	USA	WSJP	Sussex WI	2016.11.19	0400	24422
1650	Canada	CJRS	Montréal QC	2016.11.17	1100	24333
1660	USA	WQLR	Kalamazoo MI	2016.11.17	1100	23332

6205	Ireland	Laser Hot Hits	pirate	2016.11.20	0046	25332
6284.93	Netherlands	Black Arrow	pirate	2016.11.19	2124	35343
6285	Netherlands	Triple-L Radio	pirate	2016.11.20	0046	25333
6320.1	unknown	Radio Joey (tent)	pirate	2016.11.19	2138	14322
7146.566	Eritrea	Dimtsi Hafash 1	Asmara	2016.11.21	1820	33333
7179.989	Eritrea	Dimtsi Hafash 2	Asmara	2016.11.21	1820	35333

Notes: *note 1* ID confirmed by Horacio Nigro and Rocco Cotroneo / RealDX; *note 2* confirmed by Joachim Dangana Peters, an employee of the stn, on Facebook via Mauno Ritola / RealDX; *note 3* ID by C. K. Raman / RealDX and comments from Jari Savolainen, Chuck Hutton, Max van Arnhem & Mauno Ritola / RealDX