

HAM Radio QStOry of CT1ETE

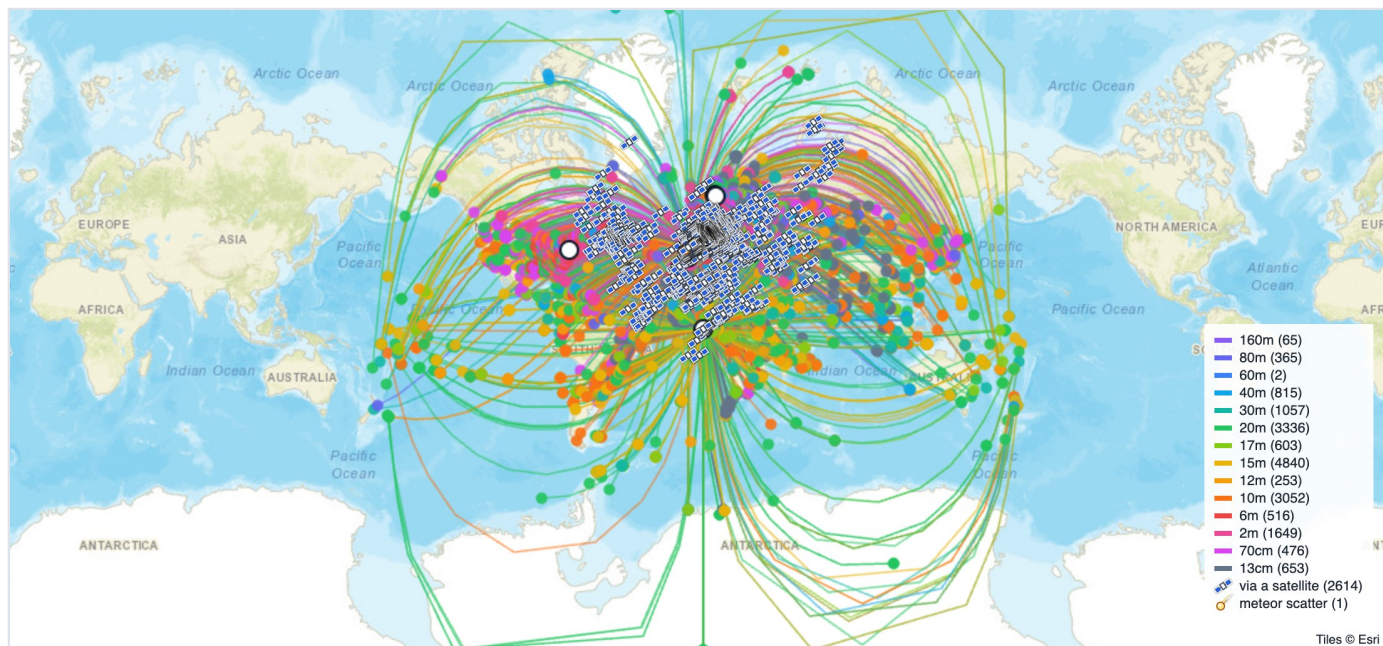
Log4OM_ADIF_20261023224858.adf | All QSOs | Generated 2026-10-23 23:12Z | Z = UTC

QSOs	17,682	Shown on map	17,682 (1 placed approximately from the callsign, dashed)
Countries	341 (99% of the 340 DXCC countries, 8.29 billion people live there)	Grid squares	1,388 (25,982,971 km ² covered, 5.1% of the Earth)
Bands	14	Modes	18
First QSO	1993-07-26 17:55Z	Last QSO	2026-10-23 16:57Z
Operating period	33 years 87 days	QSO rate	1 QSO per 16:28 h
Total distance	46,926,978 km	Average distance	2,654 km
Longest QSO	ZL2BX, 19,750 km	Time in the air	2 min 36.5 s (one-way). 2614 satellite QSOs counted by the ground distance: the real path goes up to the satellite and down, so it is longer, a few ms more for a low satellite, about 0.25 s per QSO for QO-100 (36,000 km up).
Round trip	5 min 13.1 s		

Activations in this log

	Date	Reference	Name	QSOs
SOTA	2000-06-20	DE/EU-003		1
POTA	2004-03-17	TS-2000		1
POTA	2004-03-18	TS-2000		1
SOTA	2015-03-15	CT/MN-033	Monte da Penha (613 m · 2 points · Minho)	11
SOTA	2021-07-10	CT/MN-033	Monte da Penha (613 m · 2 points · Minho)	6
SOTA	2021-07-11	CT/DL-015	São Salvador (381 m · 1 point · Douro Litoral)	1
SOTA	2023-11-29	LA/TM-287	Dyrskarnuten (1,354 m · 4 points · Telemark)	1
SOTA	2023-11-30	LA/HL-130	Øktarenuten (1,057 m · 4 points · Hordaland)	1
POTA	2026-01-07	US-1430	Tyler (State Park · Pennsylvania)	2

QSO map



Longest per band ● 160m **KB1EFS** 8,454 km ● 80m **ZL3IO** 19,461 km ● 60m **OZ8ABE** 6,234 km ● 40m **K5P** 18,031 km ● 30m **ZL2BX** 19,750 km

● 20m **K1B** 19,630 km ● 17m **C21EU** 18,557 km ● 15m **K1B** 19,630 km ● 12m **ZL7IO** 19,009 km ● 10m **ZL7DX** 19,016 km

● 6m **LU8GMM** 9,262 km ● 2m **VE2QRR** 8,536 km ● 70cm **JE2UFF** 10,935 km ● 13cm **VK9QO** 12,764 km

Location check: 17,681 QSOs with the station's grid locator in the log. 1 QSO had no grid locator, so the station is placed approximately from its callsign (call area or country centre, dashed lines). Your own position for 22 QSOs is the activation: POTA US-1430 Tyler, SOTA LA/HL-130 Øktarenuten, SOTA LA/TM-287 Dyrskarnuten, SOTA CT/DL-015 São Salvador, SOTA CT/MN-033 Monte da Penha, not your home locator.

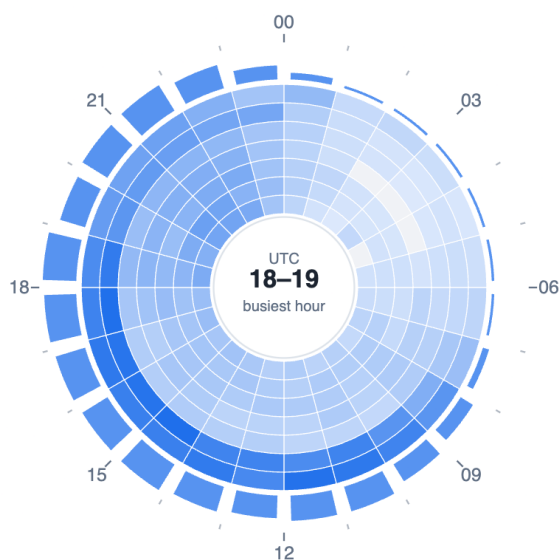
Bands

	QSOs	%
160m	65	0.4%
80m	365	2.1%
60m	2	0.0%
40m	815	4.6%
30m	1057	6.0%
20m	3336	18.9%
17m	603	3.4%
15m	4840	27.4%
12m	253	1.4%
10m	3052	17.3%
6m	516	2.9%
2m	1649	9.3%
70cm	476	2.7%
13cm	653	3.7%

Modes

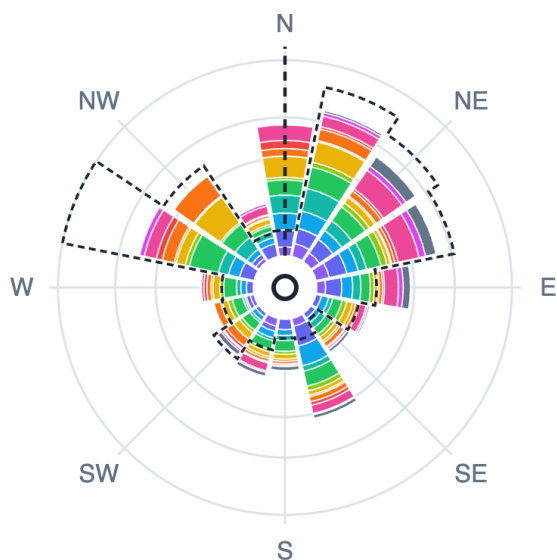
	QSOs	%	
SSB	7755	43.9%	
CW	6196	35.0%	
FT8	1358	7.7%	
ASCI	933	5.3%	
FM	704	4.0%	
PKT	302	1.7%	
USB	208	1.2%	
FT4	76	0.4%	
LSB	63	0.4%	
PSK31	33	0.2%	
PAC2	22	0.1%	
FT2	21	0.1%	
FREEDV	5	0.0%	
FM NARROW	2	0.0%	
CONTESTI	1	0.0%	
MSK144	1	0.0%	
SSTV	1	0.0%	
VARA HF	1	0.0%	

Activity clock



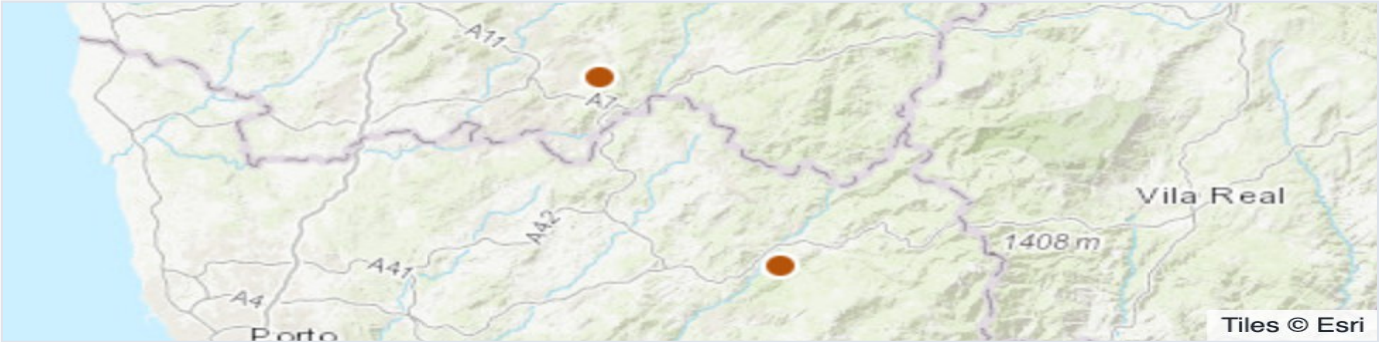
Most active: Saturday 14:00-15:00 UTC (563 QSOs). Inner ring Monday, outer ring Sunday; darker = more QSOs; bars around the edge = all QSOs in that hour.

Where your signal was propagating



Busiest direction: NNE (23°) with 1,433 QSOs of 8,813. Your QSOs are spread around the compass. The dashed outline shows the spread you would expect from the number of radio amateurs in each direction, seen from IN51UK (from your grid locator box) and counting all radio amateurs in the world. The dashed line is the antenna heading logged in ANT_AZ.

Your activations



SOTA CT/DL-015 São Salvador

381 m · 1 point · Douro Litoral · 1 QSO
SOTA CT/MN-033 Monte da Penha

613 m · 2 points · Minho · 1 QSO

SOTA CT/DL-015 before you

37 activations by 13 stations in the SOTA database, since 2012. Your activation is listed; your 1 QSOs rank #37 of 37 here.

2026-07-27	CT7/EA2WX/P	25
2026-07-26	CT2IWW/P	25
2025-12-25	CT2IWW/P	19
2025-11-09	CT2IWW/P	11
2025-08-30	CT2IWW/P	10
2025-08-30	CT7AQP/P	6

and more in the online list

SOTA CT/MN-033 before you

64 activations by 40 stations in the SOTA database, since 2011. Yours is not listed yet (it appears once your log is uploaded to SOTA); your 1 QSOs would rank #64 of 65.

2026-07-30	CT7/EA2WX/P	13
2026-07-20	CT7AQP/P	6
2026-06-29	CT7ALW/P	4
2026-04-12	CR7BWZ	6
2026-04-11	CT2JLS/P	9
2026-03-28	CR7BWZ	4

and more in the online list

Earlier activations as uploaded by the activators to the SOTA and POTA databases. This is the best I can do with their public data; it may be incomplete or out of date, so please do not take it as absolutely correct.

Additional info

Transmit power	65 W average	From 0.5 W to 1,000 W · 13,299 QSOs with power in the log · 2,071 QRP (5 W or less)
Best QRP contact	16,523 km	NH7A with 5 W on 15m
Most km per watt	16,303 km/W	PY2PIM: 8,152 km with 0.5 W
POTA	221 parks hunted	259 QSOs with activators
SOTA	2 summits activated	2 QSOs from your summits · 154 summits hunted
WWFF	3 references hunted	3 QSOs with activators
IOTA	375 island groups worked	1,856 QSOs with islands
Satellites	36 satellites	RS-44 (728), QO-100 (649), IO-117 (318), ARISS (252) and 32 more
Propagation	Sporadic E	Sporadic E 4 · Line of sight 3 · Tropo 1
Contests	2 contests	UKRAINIAN (382), GC (231)
QSL confirmations	9,079 confirmed (51%)	LoTW 6,944 · QSL card 2,847
Continents and zones	7 of 7 continents	EU, NA, AS, AF, SA, OC, AN · 41 CQ zones of 40 · 70 ITU zones of 90
Your locations	Operated from 5 locators	IN51UK (5,088), IN51 (46), IM57SC (8), IN51OQ (1) and 1 more
Your callsigns	2 callsigns used	CT1ETE (17,672), CT1ETE/P (10)
Radios	Flex 6400	Flex 6400 (13,582), IC-9700 (1,573), IC-705 (623) and 19 more
Antennas	Diamond X-30	Diamond X-30 (1), Diamond X30 (1)
QSO length	13:57 min average	Longest: EC1CA, 359:19 min · from 915 QSOs with an end time

Countries (341)

#	Country	QSOs	Callsigns
1	United States 	2599	4U1WB, AA0DW, AA0FO, AA0FT, AA0PU, AA1AA, AA1AC, AA1AS, AA1BA, AA1IZ, AA1JD, AA1K, AA1KL, AA1ON, AA1QD, AA1SU, AA2DU, AA2EC, AA2FB, AA2GQ, AA2GS, AA2HG, AA2WN, AA2Z, AA3B, AA3B0, AA3E, AA3EV, AA3JU, AA4BW, AA4CF, AA4DD, AA4EL, AA4FC, AA4NC, AA4R, AA4S, AA4SS, AA4V, AA4VT, AA5AU, AA5BL, AA5C, AA5NT, AA5PK, AA6PW, AA8CH, AA8GL, AA8LL, AA8U, AA8UP, AA8VF, AA9LX, AA9RR, AA9VI, AB1BX, AB2BK, AB2DE, AB2SG, AB4RU, AB5KD, AB6LJ, AB8K, AB9CA, AB9G, AC0W, AC10, AC4J0, AC4NL, AC5BJ, AC6DD, AC6YY, AC8AC, AC8L, AC90, AD1T, AD1Y, AD3V, AD4KW, AD4TG, AD4TR, AD5Q, AD6TF, AD7J, AD8J, AE/WA4APM, AE1B, AE1M, AE4GS, AE4TC, AE5H, AE8J, AE80, AF2K, AF4MI, AF4S, AF4Z, AF5DM, AG1C, AG2J, AG3J, AG4W, AI2C, AI3M, AI6YY, AJ1I, AJ3K, AJ6T, AK0A, AK1L, AK1MD, AK1N, AK1P, AK3Y, AK3Z, AK7G, K0AB, K0ACP, K0AD, K0ARR, K0AT, K0AXU, K0BX, K0DK, K0EA, K0EJ, K0EKL, K0FMS, K0FW, K0GN, K0GSV, K0GY, K0HA, K0HUU, K0INR, K0IS, K0JM, K0KR, K0KX, K0LUZ, K0OB, K0RF, K0RNZ, K0SN, K0SR, K0TPF, K0TPP, K0TT, K0TV, K0VBU, K0VXU, K0ZK, K1AJ, K1AR, K1BV, K1DCB, K1DG, K1DWI, K1DWQ, K1ECU, K1FFX, K1FJG, K1GQ, K1GU, K1GW, K1HI, K1HMO, K1HT, K1HTV, K1IB, K1IED, K1IR, K1IU, K1JB, K1KEN, K1KI, K1KIM, K1KP, K1LF, K1LZ, K1MLP, K1MS, K1MY, K1NG, K1NQG, K1NU, K1NW, K1OA, K1PT, K1RM, K1RU, K1RX, K1RZ, K1SD, K1SE, K1SIX, K1SSN, K1ST, K1TE0, K1TH ... and 1,597 more
2	Fed. Rep. of Germany 	967	DA0LSW, DA0WRTC, DA1JQ, DA1LDN, DA1US, DA2DX, DA2II, DB1YKA, DB4ET, DB5KN, DB6AT, DC0OU, DC1MAR, DC1OA, DC7DX, DC7TS, DC8YZ, DD1LD/P, DD1US, DD5RK, DD5XX, DD6MH, DD6ZV, DD7KH, DD7NT, DD8JB, DD9WG, DF0AT, DF0BRB, DF0CBG, DF0CI, DF0ERZ, DF0HG, DF0HQ, DF0HTE, DF0SX, DF0WD, DF1AI/P, DF1ASG, DF1BN, DF1BT, DF1DV, DF1FB, DF1KBN, DF1LX, DF1PH, DF1SD, DF1VB, DF1XC, DF2AP, DF2CK, DF2DM, DF2DR, DF2ET, DF2ET/P, DF2GH, DF2GN, DF2GN/P, DF2RG, DF2TG, DF3AX, DF3EH, DF3GO, DF3OL, DF3QG, DF3TE, DF3UFW/P, DF4JB, DF4RD, DF5AN, DF5AU, DF5LQ, DF5QG, DF5SF, DF5SI, DF5TR, DF5VN, DF5WA, DF5WC, DF5WW, DF6IU, DF6KR, DF6QC, DF6QV, DF6RI, DF7CB, DF7CW, DF7IS,

#	Country	QSOs	Callsigns
			DF70A, DF7PB, DF7RW, DF7TF/P, DF7TY, DF8AE, DF8JO, DF8LC, DF8QB, DF8SE, DF8TO, DF8TY, DF8V, DF8WU, DF8XC, DF8XR, DF9EY, DF9HC, DF9RD, DF9US, DF9ZP, DG0CH, DG0DE, DG0ER, DG1EA, DG1MDN, DG2BCA, DG2DBT, DG2EKO, DG2RMP, DG2VE, DG4BG, DG4BH, DG4DC/P, DG4DW, DG4MCB, DG4YEL, DG5NEK, DG6BK, DG6YID, DG7EAO, DG7FEQ, DG7LAZ, DG7RO, DG9MA, DG9MAQ, DH1AD/P, DH1DX/P, DH1KGO, DH1MJ, DH1NAS, DH1OK, DH1RK, DH1SGS, DH1TS/P, DH2DAM, DH2UB, DH2URF, DH3KM, DH3KR, DH3MIT, DH3NBC, DH5AO, DH5RUM, DH6DAO, DH6FBA/P, DH6ME, DH8BQA, DH8IAB, DH8IAK, DH9GZ, DH9SB, DH9SBL, DJ0IF, DJ0JE, DJ0MA/P, DJ0MCZ, DJ0PN, DJ0VL, DJ0WJ, DJ1AA, DJ1IJ, DJ1KJ/QRP, DJ1PN, DJ1PQ, DJ1QQ, DJ1TO, DJ1TU, DJ1YFK, DJ1ZU, DJ2HK, DJ2HW, DJ2PR, DJ2WX, DJ2XW, DJ2YA, DJ3AA, DJ3AX, DJ3BD, DJ3FR, DJ3IW, DJ3MT, DJ3RO, DJ3VI, DJ3XM/P, DJ4BF, DJ4EY, DJ4KW, DJ4LH, DJ4PT, DJ4WT, DJ4XR ... and 584 more
3	Italy 	873	0S1A, 1P0U, 4U0WFP, 4U25B, CT1TGM/IMD, I/DL6NDK/QRP, I/F4JTV/P, I0JBL, I0JX, I0KHY, I0KIB, I0MYE, I0QMN, I0SNY, I0UKD, I0YR, I0ZSG, I0ZUT, I1BAY, I1BEP, I1COB, I1FIU, I1FQH, I1GVB, I1HJT, I1MMN, I1NVU, I1RB, I1UWF/P, I1WKN/P, I1WQR, I1ZDW, I2/LU4DPO, I2A0X, I2AZ, I2BEG, I2CZQ, I2IFT, I2JDZ, I2MQP, I2OIM, I2OMK, I2PFY, I2PJA, I2RD, I2SVA, I2VGZ, I2VUC, I2WIJ, I3BUI, I3CRW, I3PUS, I3THJ/P, I4/HB9IY, I4BAC, I4BFT, I4EUM, I4GAS, I4KLM, I4KY0, I4MKN, I4TDK, I4VOS, I4ZXH, I5EKX, I5EUS, I5HOR, I5IHE, I5KKW, I5KMW, I5KOV, I5NPH, I5WEA, I6BQI, I6XGX, I7/IK0ISD, I7CSB, I7FMM, I8AQR, I8FEH, I8KFR, I8LWL, I8NHJ, I8OHQ, IA5/IK0YUJ/P, IA5/IK8IOP, IA5P, IA5TMF, IB2S, IC8/IN3XUG, IC8AMR, IC8CQF, IC8DAK, IC8OZM, ID8/IZ8BGY, IF9/IK0MHW, IG9/9A6A, IG9/I2EOW, IG9/IT9EQO, IG9A, IG9I, II0WRTC, II0ZKZ, II1IGG, II1WRTC, II2BGS, II2GM, II2JOTA, II2K, II2WRTC, II2Z, II3WRTC, II4CLT, II4M, II4MRC, II4RGH, II4SML, II4WRTC, II5MPI, II5WRTC, II5YOTA, II6I, II6IGTO, II6WRTC, II7WRTC, II8ANN, II8WRTC, II9IGJ, II9WRTC, IK0AZG, IK0FTA, IK0FUX, IK0GDH, IK0GUF, IK0HBN, IK0LFL, IK0LLK, IK0LZR, IK0NMJ, IK0NSF, IK0OFF, IK0ORG, IK0PHY, IK0SHI, IK0USO, IK0UUM, IK0VTG, IK0WGF, IK0YUT, IK0YVV, IK0ZTC, IK1AQM, IK1DFH, IK1DOC, IK1EQF, IK1GPF, IK1HJS, IK1IYU, IK1IZB, IK1LBL, IK1LOC, IK1MTZ, IK1MYV, IK1ODS, IK1PHG, IK1PMR, IK1PMV, IK1QLD, IK1RLG, IK1RQJ, IK1SLD, IK1SLE, IK1SOW, IK1TJK, IK1TTD, IK1VBY, IK1VGG, IK1VQR, IK1WGX, IK1XPT, IK1YPF, IK1YPX, IK1Z0Z, IK1ZVJ, IK2AHG, IK2AVH, IK2BUF, IK2CAW, IK2CFB, IK2CIO, IK2DJV, IK2DUU, IK2DUV/2, IK2DUW, IK2ECC, IK2F0G, IK2GRA, IK2GZU, IK2HDF, IK2HKT ... and 408 more
4	European Russia 	644	1X5AA, R120RF, R120RK, R160SE, R1895R, R1AUR, R1AV, R1BAV, R1BLH, R1CP, R1MJ, R1NA, R1NW, R1QE, R2019LS, R240S, R2AE, R2AL, R2AX, R2BWT, R2EA, R2EW, R2LAC, R2PM, R2PT, R2WV, R2ZM, R2ZU, R30SRR, R3AA, R3CC, R3DPH, R3HD, R3HH, R3IBL, R3K, R3KM, R3LA, R3LO, R3OK, R3OM, R3QA, R3QJ, R3QX, R3RK, R3THA/M, R3YAO, R4BZ, R4DD, R4HJN, R4HV, R4II, R4RT, R4WR, R4YT, R5AF, R5AG, R5AJ, R5A0, R5DV, R5FQ, R6FAA, R6FR, R6XW, R6YY, R6ZJ, R7AT, R7AW, R7CF, R7FF, R7FL, R7KKO, R7LP, R7MM, R85RTO, R8XF, R900DM, R9XT, RA1AE, RA1A0B, RA1ARJ, RA1AS, RA1AW, RA10T, RA10Z, RA1QQ/1, RA1QX, RA1TV, RA1WU, RA1ZZ, RA3A, RA3AF, RA3AJ, RA3AN, RA3AQ, RA3BQ, RA3BT, RA3BU, RA3BY/3, RA3DNC, RA3DSV, RA3DUO, RA3EA, RA3FD, RA3FP, RA3LD, RA3LW, RA3MD, RA3NN, RA3QCD, RA3QH, RA3QJX, RA3QPY, RA3QTD, RA3RCL, RA3S, RA3SI, RA3SX, RA3TAC, RA3TES, RA3TK, RA3TT, RA3WA, RA3ZH, RA3ZSE, RA4AAJ, RA4ACX, RA4AR/6, RA4CC, RA4CGX, RA4CID, RA4HA, RA4HGN, RA4HL, RA4HW, RA4WC, RA4YID, RA5BC, RA5CC, RA5G, RA6AAR, RA6ABK, RA6AN, RA6BX, RA6FJV, RA6FV, RA6LO, RA6LW, RA6YY, RA7E/P, RA9FEU, RA9FF, RA9FLW, RA9FN, RC20, RC5A, RC6U, RC6ZT, RD1T, RD30DX, RD3Q, RD3TBQ, RD4A, RD6AY, RD6OK, RD7P, RF3A, RF4M, RG2X, RG3K, RG4H, RG5A, RG61PP, RG6G, RH1A, RH1F, RH1J, RI1CGO, RI10SW, RI1POD, RI3A, RI41POL, RI4C, RJ1Z, RK1NWO, RK22NY, RK3AWV, RK3BA, RK3DH, RK3DK, RK3DMV, RK3DXW, RK3DZD, RK3EWA, RK3IR, RK3LWA, RK3QY, RK3SWB/1, RK3TR, RK4FF ... and 298 more
5	Poland 	643	3Z0BLY, 3Z0RY, 3Z0ZIM, 3Z1K, 3Z20PMU, 3Z3DWR, 3Z90IARU, 3Z9AM, 3Z9MAX, 3Z9XCN, HF19NY, HF2KFV, HF90IARU, HF90PZK, SN0LZD, SN10WFF, SN1D, SN1I, SN2B, SN30WOSP, SN3L, SN3R, SN40KRF, SN4L, SN550E, SN550I, SN550N, SN550O, SN550P, SN550R, SN5N, SN5Z, SN6F, SN6F/1, SN6M, SN6O, SN6U, SN75T, SN7C, SN7N, SN7Q, SN800R, SN8F, SN8V, SN90IARU, SN9D, S01980LL, S01EKO, S02R, S04R, S05BX, S08NK, S095IARU, SP0DSMW, SP0DXC, SP0KEH, SP0PZK, SP0ZCC, SP1AMU, SP1CHV, SP1CNV, SP1CVP/QRP, SP1CWL, SP1DID, SP1DMD, SP1DPA, SP1EGN,

#	Country	QSOs	Callsigns
			SP1EHI, SP1GQW, SP1KIZ, SP1KQR, SP1MGM, SP1MVG, SP1NQN, SP1RWA, SP1RWK, SP1TC, SP1WSR, SP1XNA, SP1ZZ, SP2010FC, SP2AEK, SP2AJO, SP2B, SP2BBB, SP2BEA, SP2BWI, SP2DMX, SP2DNI, SP2DWG, SP2DX, SP2EFU, SP2EIW, SP2EPV, SP2ESG, SP2EUI, SP2EWQ, SP2FAP, SP2FAV, SP2FAX, SP2FG0, SP2FJN, SP2F0V, SP2FWC, SP2GCE, SP2GMA, SP2GSQ, SP2GWZ, SP2HHX, SP2HPD, SP2IPK, SP2IW, SP2JEB, SP2JJ, SP2JLR, SP2JMR, SP2JMY, SP2JNK, SP2KFW, SP2LLW, SP2LNW, SP2MHC, SP2MKE, SP2MKI, SP2MKO, SP2MPO, SP2NBH, SP2OFW, SP2OVQ, SP2PIK, SP2QCH, SP2QCR, SP2QCW, SP2UKB, SP2UUU, SP2WDA, SP2WN, SP2XDQ, SP2XDW, SP2ZFT, SP3AVS, SP3BEJ, SP3BES, SP3BGD, SP3BJK, SP3BLK, SP3BVA, SP3BVI, SP3BYZ, SP3CJW, SP3CNP, SP3CQP, SP3CYY, SP3DGV, SP3DOF, SP3DSC, SP3DVG, SP3E, SP3EAX, SP3EJJ, SP3EOL, SP3FGQ, SP3FON, SP3FYX, SP3GAX, SP3GEM, SP3GGD, SP3GXH, SP3HC, SP3HFX, SP3HRN, SP3IOE, SP3IPA, SP3JFK, SP3JHZ, SP3KCL, SP3KEY, SP3LWP, SP3MEP, SP3MFA, SP3MGM, SP3MHC, SP3NYR, SP3OCC, SP3OL, SP3OWE, SP3PLD, SP3POZ, SP3RBG, SP3RBI, SP3RNZ, SP3TYF, SP3VAU, SP3VT, SP3VZY, SP3W/P, SP3WVL, SP3WWI, SP3XBK, SP3XR ... and 326 more
6	Spain 	579	AM175MB, AM1SAT/1, AM1SAT/2, AM1SAT/3, AM1SAT/4, AM1SAT/7, AM2023SAT, AM3RKG, AM490FL, AM4ST, AM5KB, AM7VCE, AN100L, AN1FBU, AN4KD, AN7AFM, A05HT, A0750SJ, A075AR, A075CT, A075EU, A075GA, A075NA, A075PA, A075URE, DL1MEA/EA5, EA1/CT1HIX/P, EA1/CT2GSN/P, EA1/CT2IQK/P, EA1/CT2IWW/P, EA1/EA4ATI, EA1/F4CFF/P, EA1/F5VMJ, EA1AAA, EA1AE, EA1AFP, EA1AGM, EA1AGZ, EA1ALE, EA1AYN, EA1BAF, EA1BKR, EA1BNF, EA1BP0, EA1CCM, EA1CHG, EA1CIU, EA1CN, EA1DIH, EA1DKV, EA1DLR, EA1DR, EA1DS, EA1DVY, EA1EOT, EA1EX, EA1FBU, EA1FBV, EA1FBW, EA1FCF, EA1FDH, EA1FK, EA1FKH, EA1GAR, EA1GAU, EA1GGX, EA1HF, EA1IO, EA1IOK, EA1IQ, EA1IW, EA1JH, EA1JK, EA1JM, EA1JO, EA1KE, EA1KW, EA1N, EA1NK, EA1OK, EA1PA, EA1PA/M, EA1PA/P, EA1RCI, EA1RX, EA1UR, EA1URE, EA1UU, EA1WH, EA1YO, EA1YV, EA2ABZ, EA2AFZ, EA2ASB, EA2AZW, EA2BJM, EA2CAR, EA2CCG, EA2CLO, EA2CMU/EA1, EA2CNC, EA2CO, EA2EBX/P, EA2EVC, EA2EWL, EA2EXS, EA2IF/P, EA2LB, EA2LU, EA2RCA, EA2US, EA2Z, EA2ZP/P, EA3/F4CIB, EA3/M5JFS, EA3A, EA3ACB, EA3AGH, EA3AII, EA3AOK, EA3AT/P, EA3AYK, EA3AZO, EA3B, EA3BEM, EA3BKI, EA3C, EA3CB, EA3CCN, EA3CJ, EA3CJU, EA3CS, EA3CW, EA3CWX, EA3CZM, EA3DME, EA3DTD, EA3EA, EA3EGM, EA3EO, EA3EVL, EA3EVD, EA3FAG, EA3FCQ, EA3FHN, EA3FP, EA3FWC, EA3FZT, EA3GBU, EA3GCV, EA3GFA, EA3GHQ, EA3GJW, EA3GKP, EA3HAH, EA3HJC, EA3HJH, EA3HWE, EA3IGB, EA3IKB, EA3JAK, EA3JL, EA3LX, EA3MA, EA3NT, EA3NY, EA3OG, EA3QP, EA3RKW, EA3TA, EA4AOC, EA4AYD, EA4BT/1, EA4BVW, EA4CO, EA4CYQ, EA4DFE, EA4DKA, EA4DTX, EA4ECQ, EA4EKH, EA4ELB, EA4FTV/P, EA4FW, EA4GCN, EA4GWU, EA4HRJ, EA4LO, EA4M, EA4ML, EA4NF, EA4RCH, EA4RKU, EA4SG, EA4T, EA4URE, EA5/PA3GAN, EA5/PA3HIW, EA5AEK ... and 161 more
7	England 	522	2E0AHG, 2E0APG, 2E0BGD, 2E0CRV, 2E0HOQ, 2E0HPI/P, 2E0MZF, 2E0NBK, 2E0NOS, 2E1EUB, 2E1RAF, G0/AA4V, G0ABI, G0AHT/M, G0AZG, G0BDB, G0BKD, G0CER, G0CFQ, G0CQB/M, G0DNV, G0DXF, G0DZB/P, G0ECJ, G0ENJ/M, G0FHK, G0FMZ, G0GFE, G0GKH, G0HDV, G0HFL, G0HIO, G0HQN, G0IBZ, G0IIQ, G0ILN, G0IOZ, G0IPU, G0IVZ, G0JHC, G0JMF, G0JNH, G0KDJ, G0KEV, G0KPW, G0KUC, G0LGS, G0LLH, G0LRS, G0LUH, G0MBH, G0MBL, G0MRF, G0MTN, G0NCE, G0NDE, G0NJZ, G0NJZ/M, G0NKC, G0NMD, G0NTT, G0OFO, G0OIL, G0OPB, G0ORG, G0OTO, G0OWU/M, G0PAJ, G0PQU, G0RKO, G0RPU, G0RVA, G0STA, G0SVN, G0SYP, G0TAK, G0TBD, G0TBS, G0TCY, G0TEE, G0TGR, G0TKV, G0TOT, G0TRB, G0TSM, G0TUV, G0TVR, G0TYA, G0UCK, G0UNJ/M, G0UNO, G0UTP, G0UUU, G0UXF, G0VSS, G0VXE, G0VXW, G0WIW, G0WKH, G0WPO, G0WRE, G1AAK, G1ILJ, G1INU, G1MHU, G1OCN, G1UAI, G1VDP, G1WPR, G1YEF, G2BRR, G2NF, G2UO, G30V, G3FEC, G3FTH, G3GOT, G3GRX, G3HQH, G3HTA, G3IGZ, G3IMX, G3IOI, G3JRY, G3KAF, G3KHZ, G3KSU, G3KZR, G3LPU, G3MNL, G3MPB, G3MTL, G3MZV, G3N, G3NAS, G3NXT, G3OSR, G3OUA, G3OZF, G3POD/M, G3PQA, G3PSM, G3PXT, G3RG, G3RGD, G3RSD, G3SEM, G3SIO, G3TLH, G3TMA, G3TPW, G3TTC, G3TTJ, G3TWG, G3UFY, G3VAO, G3VDL, G3VLH, G3VPW, G3VUD, G3VXX, G3WDV, G3WGN, G3WNQ, G3WWF, G3XHB, G3XMM, G3XTT, G3XVF, G3XVR, G3XZO, G3YDY, G3YGH, G3YJQ, G3YQA, G3YWA, G3ZEZ/A, G3ZHE, G3ZRJ, G4AAW/M, G4AFU, G4AHG, G4ARI, G4AZN, G4BUO, G4BVB, G4BWP, G4BYZ, G4CEU, G4CUO, G4DMC, G4DOL, G4EBK, G4EDG/P, G4EMT, G4ERW/P, G4EYE, G4FPA, G4FSX, G4FVK ... and 193 more
8	France 	401	F/DJ9RR, F/DL6GCA/P, F/EA3NY, F/G0MEU/P, F/G4WSB/P, F/OK1EE, F/ON4CAN, F/PA0RDY/M, F/PA2JWN, F/PA3GAN, F/W3WKP/P, F0DIH, F0FKO, F0GFI, F0GOW, F0GOW/P, F1BGV, F1DYI, F1EFW, F1F00,

#	Country	QSOs	Callsigns
			F1FPL, F1GHX, F1HSY, F1IGI, F1MKC, F1NGP, F1NNI, F1ORL, F1SKH, F1SYG, F1SZP, F1TPL/P, F1TWX, F1UGK, F2EE, F2FCH, F2RS, F2WA, F3CW, F3IV/P, F3TK, F4ANS/P, F4AZF, F4BEW, F4BKV, F4BKV/P, F4CIB, F4CIB/P, F4CIM, F4CSZ, F4DCD, F4DEU, F4DIA, F4DLM, F4DXV, F4ECJ, F4ELJ, F4ELU, F4EPU, F4EXK, F4FQH, F4FSZ, F4FYE, F4GBY, F4GPQ, F4GTB, F4GXS, F4GYM/P, F4HEC, F4HLS, F4HPV/P, F4HXJ, F4IAA, F4IHG/P, F4ILH/P, F4IOZ, F4IOZ/P, F4IVI/P, F4JYM/P, F4KLD, F4LHE, F4LTU/P, F4MRA, F4MRA/P, F4MUZ, F4MWA, F4WBF, F4WFI/P, F5ASD, F5BDG, F5CAC, F5CT, F5CWU/P, F5DRD, F5DTK, F5EMP, F5IAE, F5IGF, F5IN, F5JD, F5JDG/M, F5JLQ, F5JWH, F5KEE, F5KSE, F5LDY, F5LKW/P, F5LLN, F5LMG, F5LMJ, F5MAG, F5MFI, F5MFO/P, F5MKD, F5MLJ, F5MNO, F5MQU/P, F5NBK, F5NBU, F5NBX, F5NFB, F5NKA, F5NLU, F5NPK, F5NTZ, F5NZO, F5OBI, F5OHH, F5OHS, F5OKD, F5OMU, F5OUX, F5OZC, F5OZK, F5PAC/P, F5PGP, F5PHW/P, F5PLC, F5POJ, F5PSG/P, F5PSR, F5PTM, F5PYI, F5QF, F5RAG, F5RDS, F5RFF, F5RHE, F5RKL, F5RPQ, F5RQ, F5RRO, F5RRO/P, F5RRS, F5SDD, F5SQA, F5SRH, F5SZY, F5TFW, F5TJZ, F5TMZ, F5TNI, F5TTO, F5TVG/P, F5TXM, F5TYY/P, F5UKL/P, F5UP0, F5UQE, F5VIK, F5VJL, F5VKV, F5VMJ, F5ZO, F6ACV, F6AFC, F6AOI, F6APU, F6AQC, F6ATP, F6AUS, F6BEE, F6BFH, F6BHK, F6BUL, F6BW0, F6BYJ, F6CDX, F6CTW, F6DBA, F6DHI/P, F6DMQ, F6DVH, F6DYA, F6EDO, F6EKX, F6EMA, F6EOC, F6EQD, F6EQZ ... and 79 more
9	Ukraine 	330	EM0BSCC, EM0F, EM0I, EM0RSE, EM10UCC, EM2I, EM5UIA, EM6M, EM9WFF/P, EN7E, EN7M, E00IDD, E010E, E010F, E03Q, E05U, E06F, E070UWC, RB4GU, RB5AA, RB5AX, RB5HX, RB5VM, RB5WV, U5WF, UB0QQ, UB5FEL, UR0VN, UR2E, UR3CDC, UR3HC, UR3IDV, UR3IWA, UR3LM, UR3PDH, UR4E, UR4IZA, UR4LBL, UR4LCB, UR4LF, UR4LOZ, UR4LQA, UR4MVD, UR4QKD, UR4QMH, UR4URT, UR4UT, UR4UWD, UR5AS, UR5AU, UR5BV, UR5DBR, UR5E, UR5EDU, UR5FCZ, UR5FEL, UR5GQB, UR5HAC, UR5HVR, UR5ICG, UR5IFB, UR5IRM, UR5KED, UR5LAA, UR5MM, UR5PG, UR5QA, UR5RJA, UR5SIA, UR5VR, UR5ZW, UR6MX, UR6QA, UR7AA, UR7E, UR7GW, UR7HA, UR7LY, UR7MZ, UR7QC, UR7UD, UR7UZ, UR7VA, UR8GM, UR8RF, UR9IDX, UR9MB, UR9MS, UR9QQ, US0SY, US1I, US2IZ, US2WU, US3LY, US4IIL, US4LGW/P, US5MSF, US6H, US6UN, US7GW, US7IO, US7IUK, US7Q, US8IWC, US8U, US8UA, US9PA, US9Q, US9QA, UT0AZA, UT0D, UT0H, UT0I, UT0L, UT0RM, UT0RW, UT0U, UT0VE, UT1AA, UT1CDX, UT1EI, UT1EO, UT2IO, UT2IP, UT2IZ, UT2PL, UT2VR, UT2WQ, UT3EV, UT3L, UT3Q, UT3RN, UT3UA, UT3UZ, UT3WW, UT3WX, UT4PZ, UT4QM, UT4U0, UT4UWT, UT4UZ, UT5EDU, UT5EO, UT5ID, UT5IZ, UT5JAP, UT5K0, UT5LA, UT5PI, UT5PW, UT5UGR, UT5UIA, UT5XS, UT5ZC, UT6EC, UT6I, UT7AW, UT7CA, UT7DX, UT7ES, UT7FP, UT7I, UT7L, UT7LA, UT7LM, UT7MR, UT7NW, UT7QF, UT7TB, UT7UW, UT7VR, UT7W, UT7WZA, UT8EU, UT8IT, UT8L, UT8MM, UT8UL, UT9F, UT9FJ, UT9NA, UU0A, UU0J, UU1JA, UU2JZ, UU4JO, UU5J, UU7J, UU7J/P, UU7JX, UU9JR, UV1GJ, UV5QAV, UV5U, UV7MM, UW0L, UW1G, UW1M, UW2N, UW2ZO ... and 58 more
10	Japan 	320	7L3ETZ/3, 7L4MCV, 7M3CGN, 7M4CLF/6, 7M4GTU, 7N1CYB, 7N4AVX, 7N4BPW, 8J0WPG, 8J50LYMPIC, 8N2000, JA0AEN, JA0BBW, JA0FSB, JA00IK, JA0QWO, JA0RCK, JA1ASR, JA1CMS, JA1CQK, JA1E0D, JA1FQJ, JA1GBC, JA1GHH, JA1GMJ, JA1GY0, JA1GZK, JA1HQV, JA1IVL, JA1JKG, JA1JRK, JA1KXQ, JA1ORW, JA1QJI, JA1QOQ, JA1QVR, JA1RAE, JA1RWE, JA1SGX, JA1UMN, JA1VSL, JA1YPA, JA1YXP, JA2DHF, JA2FJF, JA2FUA, JA2HUV, JA2HYD, JA2ICB, JA2QXH, JA2TK, JA2ZJW, JA3B0A, JA3DAZ, JA3EY, JA3FYC, JA3GFA, JA3KKE, JA3KVT, JA3LEV, JA3PCQ, JA3PIS, JA3PYC, JA3RYS, JA3XNH, JA3YKC, JA3YPL, JA3ZOH, JA4A0, JA4CSH, JA4DND, JA4DZ, JA4FGD, JA4FKX, JA4HXC, JA4NIJ, JA5AB, JA5APU, JA5AUC, JA5BJC, JA5CBO, JA5CPJ, JA5EWH, JA5EXW, JA5FDJ, JA5MAJ, JA5OC, JA5TNF, JA5VUT, JA5VWI, JA6ATL, JA6AYB, JA6CAP, JA6CRP, JA6CUX, JA6GCE, JA6GGD, JA6IP, JA6JAP, JA6PA, JA6SIH, JA6UDI, JA7BXS, JA7EPB, JA7IC, JA7IJ, JA7OEV, JA7TRW, JA8BNP, JA8CNF, JA8ECS, JA8EDU, JA8FBT, JA8FCG, JA8FLI, JA8XDM, JA9ABA, JA9CJW, JA9IFF, JA9SCB/1, JA9XBW, JE1LFX, JE1NVD, JE1SCJ, JE1SLP, JE1SSE, JE1SYN, JE1VLX, JE1WKI, JE2AVU, JE2FUP, JE2OKS, JE2UFF, JE2URF, JE3BMU, JE3GIW, JE3HCZ, JE3USO, JE4JSV, JE4VSC, JE4VVM, JE5MCV, JE6ICQ, JE6TSP, JE8TGI, JF0EHX, JF1AGB, JF1IRW, JF1KMC, JF1RYU, JF1SEK, JF1SQC, JF1WIR, JF2JRD, JF2KOZ, JF2QNM, JF2RYX, JF2UPM, JF2ZA, JF3CCN, JF8QNF, JG1LHB, JG1ZUY, JG2SRW, JG2TKH, JG3EWE, JG3KIV, JG3SLJ, JG3UVN, JG5UNQ, JG6CDH, JG6LJU, JG6MQI, JG7PSJ, JH0INP, JH00XS, JH0RNN, JH1AZO, JH1BZJ, JH1CML, JH1GZE, JH1HDT, JH1HGC, JH1IEB, JH1IFS, JH1MDJ, JH1PWA, JH1RFZ, JH1VRB, JH1WNL, JH2AKB, JH3AIU, JH3CUL, JH3DAA, JH3GCN, JH3IEG, JH3JJS/P, JH3KAI, JH4NMT, JH4QBZ ... and 83 more

#	Country	QSOs	Callsigns
11	Portugal 	316	CQ1BOP, CQ2I, CQ5ELF, CQ5N, CQ7B, CQ7ERK, CQ7WRTC, CQ8E, CR1DBR, CR50Y, CR5ECC, CR5M, CR6A, CR6K, CR6WWA, CR7BIO/P, CR7BWZ, CS23EPF, CS2W, CS5A, CS7AFE, CS7AHU/P, CS7AUC, CS7AUS/P, CS7AWH/P, CS7AXE/P, CS7BIO/P, CS7CBE/P, CS8CBI, CS8EGW, CT/DC4U0, CT/EB2EJN, CT1AHU/P, CT1ANO, CT1AUC, CT1BDX, CT1BEC, CT1BH, CT1BOL, CT1BQH, CT1BXE, CT1BXX, CT1CAD, CT1CBR, CT1CHT, CT1CJJ, CT1CKL, CT1CLR, CT1COM, CT1CPV/A, CT1DDW, CT1DJE, CT1DL, CT1DNF, CT1DNF/P, CT1DNU, CT1DQP, CT1DRB, CT1DVA, CT1DYX, CT1DZY, CT1EAA, CT1EAC, CT1EAT, CT1EAV, CT1EDQ, CT1EEB, CT1EEB/P, CT1EEN/P, CT1EGW, CT1EGW/P, CT1EHU/M, CT1EIL, CT1EKY, CT1ELI, CT1END, CT1ENQ, CT1ENQ/P, CT1ENV, CT1EOY, CT1EPA, CT1EPQ/P, CT1ERK, CT1ESQ, CT1ESS, CT1ETF, CT1ETL, CT1ETQ, CT1ETT, CT1EVP, CT1EXP, CT1FAK, CT1FAK/P, CT1FCE, CT1FDB, CT1FER, CT1FEY, CT1FHL, CT1FHM, CT1FJL, CT1FOH, CT1GDZ, CT1GFK, CT1GFK/P, CT1GFQ/P, CT1GPQ, CT1GZB, CT1HHP, CT1HIX/P, CT1HKC, CT1HMN, CT1ILT, CT1JRZ, CT1MH/P, CT1NP/P, CT1TE, CT1VH/P, CT1WB, CT1WV, CT1ZQ, CT2ECS, CT2FPH, CT2GG0, CT2GLU/P, CT2GLX/P, CT2GSN/P, CT2GXJ, CT2HKN, CT2HMN, CT2HOV, CT2HOV/P, CT2HTM, CT2HUU, CT2IAD, CT2IBS, CT2IQK/P, CT2ISG, CT2IUV, CT2IUV/P, CT2IWW, CT2IWW, CT2IWW/M, CT2IWW/P, CT2IXP, CT2IXP/P, CT4LV, CT4NH, CT5GKT/P, CT5KLF/P, CT5P, CT6EAT, CT7/EA1E0T, CT7/EA1FTW/P, CT7/G40BK/P, CT7/HB9FIY/P, CT7/SP3LRS/P, CT7A, CT7ABG/P, CT7AFR, CT7ALW/P, CT7AOL, CT7AOV, CT7AOV/P, CT7AQP/P, CT7AQS, CT7AUS, CT8T, CT98AHU, CT98AMK, CT98BHE, CT98EDA, CT98EGW, CT98ETT, CT98FPW
12	Argentina 	304	AY7D, AZ7HAF, CE3DPV/LU, L20H, L34H, L37N, L3HL, L3HQ, L40A, L40E, L44D, L4D, L50V, L59DA, L5F, L5V, L75AA, L7F, L99D, L07H, LP4H, LP7H, LQ0F, LQ5C, LR3F, LR3Y, LR5C, LS6E, LS7N, LT1A, LT1F, LT2A, LT4E, LT5E, LT5F, LT5H, LT5Y, LT6E, LT7F, LU/CE3DPV, LU/HA5AND, LU1AEE, LU1ARL, LU1BU, LU1DZ, LU1EWL, LU1FAM, LU1FGJ, LU1FIJ, LU1FZR, LU1GCB, LU1HLH, LU1HN, LU1HPW, LU1HTF, LU1IV, LU1LB, LU1MA, LU1NF, LU1OAS, LU1PJA, LU1QAJ, LU1UM, LU1VK, LU1WBM, LU1XP, LU1YY, LU2AH, LU2AKR, LU2ATR, LU2BA, LU2BAR, LU2CFC, LU2DKN, LU2DOJ, LU2DPW, LU2DT, LU2DW, LU2DZS, LU2FDN, LU2FE, LU2FJY, LU2FT, LU2FYA, LU2HA0, LU2HF, LU2NI, LU2ODQ, LU2VDQ, LU3CQ, LU3EW, LU3EWO, LU3FC, LU3FCA, LU3FR, LU3FSP, LU3FZW, LU3HE0, LU3HIP, LU3HKA, LU3MBQ, LU3OJZ, LU3UG, LU3UI, LU4AA, LU4AMJ, LU4AV, LU4DLU, LU4DPO, LU4DQ, LU4DRC, LU4FFG, LU4FIP, LU4FM, LU4HH, LU4HKL, LU4JHF, LU4OJS, LU5AJ, LU5CBA, LU5DDX, LU5DMO, LU5DTZ, LU5E, LU5ER, LU5FA, LU5FEW, LU5FF, LU5FII, LU5FIL, LU5HDD, LU5HHV, LU5MEC, LU5OD, LU5OM, LU5VC, LU6AMD, LU6AMW, LU6BEG, LU6CAC, LU6D, LU6DHR, LU6DOD, LU6DTS, LU6EF, LU6ETB, LU6FAZ, LU6FBJ, LU6FEM, LU6UA, LU6UAJ, LU6UO, LU7AAH, LU7DID, LU7DNN, LU7DPN, LU7DW, LU7DXQ, LU7FEU, LU7FJ, LU7FKL, LU7HLF, LU7HMF, LU7HWM, LU7MAX, LU7PAK, LU7VCH, LU8A, LU8ADX, LU8AOM, LU8AQE, LU8DBL, LU8DGR, LU8DVI, LU8DW, LU8DY, LU8DZE, LU8EKC, LU8EKN, LU8ENU, LU8ESU, LU8FAD, LU8FDZ, LU8FOZ, LU8GMM, LU8HCE, LU8HF, LU8HFG, LU8HLI, LU8HMP, LU8HSO, LU8MAH, LU8XPA, LU9AAS, LU9DD, LU9DM, LU9DO, LU9EV, LU9HZS, LU9MBY ... and 17 more
13	Canada 	292	CF3NJ, CG2KCB, CH1YX, CH3EJ, CI3AT, CI3EJ, CI3XN, CJ3A, CJ3XO, CK1RSM, VA2AM, VA2WA, VA2WM, VA3DX, VA3EKG, VA3FF, VA3GA, VA3LX, VA3MG, VA3MM, VA3NJ, VA3NNA, VA3PJ, VA3RU, VA3SK, VA3SWG, VA3TT, VA3TTT, VA3UA, VA3UZ, VA3VGR, VA3WN, VA6JY, VA7LM, VA7RR, VA9DH, VB7B, VB9DH, VC3E, VC3M, VE1/HB9BCK, VE1ANU, VE1BN, VE1BVD, VE1CSM, VE1CWJ, VE1CWJ/R, VE1CZ, VE1DAD, VE1DCG, VE1GN, VE1GO, VE1JF, VE1JS, VE1OP, VE1PZ, VE1RAA, VE1RSM, VE1TB, VE1TT, VE1WAN, VE1WT, VE1XDX, VE1ZF, VE1ZJ, VE1ZP, VE2/NC2Y/P, VE2AL, VE2AYU, VE2BQB, VE2CMH, VE2CQ, VE2CSI, VE2FUA, VE2GS0, VE2HAR, VE2HQ, VE2IM, VE2JCW, VE2JCW/M, VE2KKB, VE2LBI, VE2NRG, VE2OTA, VE2OWL, VE2PC, VE2PJ, VE2PK/3, VE2PLE, VE2PR, VE2QRR, VE2QRZ, VE2RO, VE2TVU, VE2TZT, VE2ZDX, VE2ZH, VE2ZZT, VE30SR, VE3ANX, VE3ARF, VE3AT, VE3AXW, VE3CWE, VE3DC, VE3EFL, VE3EJ, VE3ETE, VE3EWW, VE3FJB, VE3GLA, VE3GLN, VE3GUA, VE3HFG, VE3HYK, VE3JI, VE3JM, VE3KP, VE3KZ, VE3LGG, VE3MIS, VE3MS, VE3NOT, VE3NZ, VE30CP, VE30IL, VE30MQ, VE3PN, VE3RA, VE3RM, VE3STT, VE3TMG, VE3UBG, VE3UMV, VE3UZ, VE3VGI, VE3VGW, VE3WHE, VE3WIB, VE3WQ, VE3XB, VE3XL, VE3XN, VE3XO, VE3ZT, VE4AMU, VE4SW, VE5CPU, VE5MX, VE5RI, VE5SF, VE5UA/6, VE6AO, VE6AWY, VE6FI, VE6JY, VE6MV, VE6SV, VE6UM, VE6WK, VE6WQ, VE7FCO, VE7FTM, VE7GL, VE7NKI, VE8/VE2BQB, VE8RCS/VY0, VE9CQ, VE9DX, VE9FI, VE9FX, VE9ST, VE9WH, VE9XX, VF1L, VG3EJ, VO1/M0XUU, VO1AW, VO1BC, VO1COP, VO1FD, VO1GO, VO1HP, VO1KT, VO1MCE, VO1MI, VO1MP, VO1MZ, VO1SA, VO1SO, VO1WET, VO1XC, VO2AAA, VO2AC, VO2GUY, VO2NS, VO2WL, VO9S0, VX2AWR, VX2WW ... and 25

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#	Country	QSOs	Callsigns
			PS7LN, PS8DX, PS8ET, PS8NF, PT1Z, PT2IC, PT2VHF, PT500A, PT5A, PT5T, PT7BSH, PT7BZ, PT7CB, PT7WM, PT9AL, PT9BM, PU1JPX, PU1MRP, PU2LSR, PU2NYV, PU2PXR, PU2TXZ, PU2VLW, PU3CAL, PU8PSF, PV8AL, PV8DX, PV8DX/P, PV8RR, PW0W, PW2A, PW2N, PW4Y, PW500A, PX0A, PX2W, PX9Z, PY0A, PY1CAS, PY1EME, PY1RSA, PY1VOY, PY2ACA, PY2AER, PY2APQ, PY2BDY, PY2BW, PY2CLK/4, PY2EL, PY2ETR, PY2EX, PY2GG, PY2GN, PY2IQ, PY2KC, PY2NA, PY2NDX, PY2OS, PY2OW, PY2OZF, PY2P, PY2PD, PY2PIM, PY2RC, PY2RDA, PY2RN, PY2RRS, PY2SFY, PY2TNT, PY2WDX, PY2XAT, PY2XB, PY2XE, PY2XL, PY2YU, PY2ZDX, PY3AON, PY3BB, PY3BD, PY3CQ, PY3KK, PY3MHZ, PY3OC, PY3PAZ, PY3TD, PY4BL, PY4DA, PY4FQ, PY4KS, PY4LH, PY4NQ, PY4OY, PY4PD, PY4SA, PY4ZT, PY500, PY500B, PY5BAB, PY5BI, PY5CC, PY5DE, PY5EJ, PY5EW, PY5OD, PY5XT, PY5ZUE/P, PY6RT, PY7AJI, PY7BAT, PY7IQ, PY7XC, PY7ZY, PY8AZT, ZV0W, ZV1IR, ZV2EPA, ZV5DX, ZV80, ZV8Z, ZV9MS, ZW2A, ZW5B, ZW5CIA, ZW7SC, ZW8B, ZX2A, ZX2B, ZX3S, ZX5J, ZY1TIA, ZY2APQ, ZY2HT, ZY2Y, ZY500Y, ZY5A, ZY5C, ZY5CA, ZY6A, ZZ1Z, ZZ2E, ZZ5E
18	Netherlands 	222	PA0AGA, PA0ALW, PA0ANK, PA0BCA, PA0CMU, PA0CMU/P, PA0DJ, PA0FAW, PA0JLS/A, PA0JVS, PA0KDM, PA0KHS, PA0LDE, PA0LOU, PA0MIR, PA0QRS, PA0QX, PA0RBA, PA0RBO, PA0RCT, PA0SKP, PA0TAU, PA0VG, PA0VHA, PA0WCH, PA0WRS, PA1ALV/P, PA1AT, PA1ENG, PA1NHZ, PA1TT, PA2A, PA2CHM, PA2DX, PA2P, PA2PKZ, PA2RU, PA2SWL, PA2V, PA3AAV, PA3AIW, PA3ALK, PA3ARM, PA3ATD, PA3AYD, PA3BFH, PA3BLQ, PA3CAL, PA3CQF, PA3CUI, PA3CWN, PA3CWQ, PA3DAT, PA3DBS, PA3DRE, PA3DWD, PA3DZV, PA3EKG, PA3EMN, PA3EUJ, PA3EVM, PA3EVY, PA3EVL, PA3FAO, PA3FDO, PA3FRN, PA3GAN, PA3GBQ, PA3GEG, PA3GGH, PA3GLE, PA3GLM, PA3GNZ, PA3GPD, PA3GPF, PA3GRH, PA3GSM, PA3GU, PA3GXB, PA3HEN/P, PA4FDW, PA4O, PA5BAS, PA5HR, PA5JF, PA5MS, PA5MW, PA5RWE, PA5TT, PA5VL, PA5WT, PA65VERON, PA6TXL, PA6V, PA7FM, PA7JM, PA7RA, PA7TS, PA8KM, PA9JJ, PB0ALS, PB0AMA, PB0AMI, PC10WSF, PC2LR, PC3H, PC5D, PC6R, PD0A, PD0HCV, PD0HQF, PD0JT, PD0RWH, PD1B, PD1W0, PD2BA, PD2JAM, PD3RL/P, PD4HDB, PD4US/P, PD5RM/P, PD5T, PD9BG, PD9FVW, PE1EBT, PE1EUX, PE1GEW, PE1GUR, PE1INM, PE1ITR, PE1L, PE1NIL, PE1NIN, PE1NPS, PE1RAH/P, PE2HHN, PE2HK, PE2RMI, PE5ROS, PF0A, PG1C, PH2M, PH7PCF, PI4AAG, PI4ADH, PI4CC, PI4COM, PI4DEC, PI4DX, PI4MRC/A, PI4TUE, PI4ZLD, PI5EHV, ZS6IR/PA
19	Hungary 	210	HA/DK5KJ/M, HA/OE9NAT/P, HA/SP9MPZ/P, HA0DU, HA0HH, HA0HI, HA0HW, HA0IT, HA0MM, HA0NAR, HA1A, HA1AC, HA1BC, HA1CW, HA1DAE, HA1FF, HA1KRR, HA1RB, HA1SE, HA1TAB, HA1TX, HA1VE, HA1ZD, HA1ZH, HA235A, HA235R, HA2A, HA2EBE, HA2EQU, HA2ERO, HA2ESM, HA2NEP, HA2SK, HA2VB, HA2VH, HA2ZB, HA3GB, HA3HV, HA3HX, HA3KNA, HA3LI, HA3MG, HA3MN, HA3MQ, HA3NU, HA3OV, HA3PT, HA3UU, HA4FB, HA4YG, HA5AB, HA5AGS, HA5BSW, HA5BV/P, HA5BZG, HA5CH, HA5CQ, HA5DE, HA5FA, HA5GO, HA5MY/9, HA5TL, HA5WG, HA5ZG, HA6FQ/9, HA6IAM, HA6KZS, HA6NF, HA6NL, HA6NY, HA6OA, HA6PQ, HA7CY, HA7RY, HA7SQ, HA7TM, HA7XL, HA7ZT, HA800NAR, HA801TJ, HA8BI/7, HA8BM, HA8EB, HA8EF, HA8EK, HA8ES, HA8FK, HA8FM, HA8IE, HA8IH, HA8JV, HA8KL, HA8LKC, HA8LLK, HA8LML, HA8PH, HA8RJ, HA8RM, HA8SVK, HA8TP, HA8VK, HA8ZO, HA95SVK, HA9BVK, HA9CP, HA9OA, HA9PI, HA9RU, HA9SB, HAM3MQ, HG0HQ, HG1000PAX, HG1H, HG1S, HG23YOTA, HG30CW, HG3DX, HG3FPM, HG3O, HG3UHU, HG4WQ, HG5A, HG5C, HG5D, HG5E, HG5M, HG60KCI, HG6N, HG6O, HG6V, HG6Y, HG73DX, HG7T, HG8C, HG8DX, HG8FH, HG8LXL, HG8QB, HG8W, HG9MDA
20	Serbia 	197	4N1N, 4N1SM, 4N1T, 4N1Z, 4N6F, 4N7A, 4N7N, 4N7ZZ, 4N800H, 4N9BW, 4N9T, 4O0A, 4O7AV, 4O9S, YT0T, YT0X, YT160TESLA, YT16IARU, YT1AD, YT1CI, YT1ET, YT1LT, YT1NP, YT1Q, YT1RA, YT1XX, YT26IARU, YT2ISM, YT2T, YT4AY, YT4RA, YT5A, YT5M, YT5SMT, YT5TX, YT6A, YT6T, YT7CC, YT7E, YT7P, YT7R, YT7TY, YT7VG, YT7X, YT7XX, YT8AT, YT9A, YT9C, YT9M, YT9N, YT9W, YU/RM2D, YU05SRT, YU0W, YU1AAV, YU1AAX, YU1ABH, YU1AIF, YU1AOC, YU1AR, YU1AVA, YU1BAU, YU1BDK, YU1BFG, YU1BO, YU1CA/P, YU1CC, YU1ED, YU1EW, YU1FW, YU1GT, YU1GUV, YU1HA, YU1HF, YU1JU, YU1JW, YU1KR, YU1KT, YU1KX, YU1L, YU1LA, YU1NR, YU1NT, YU1OJ, YU1OL, YU1PJ, YU1QW, YU1RA, YU1RE, YU1RJ, YU1SV, YU1TO, YU1UN, YU1UO, YU1VK, YU1WN, YU1XA, YU1YV, YU1ZZ, YU2AA, YU2CV, YU2M, YU30AA, YU30BM, YU3A, YU3AA, YU4IMM, YU4SMT, YU4SZZ, YU4WU, YU4YY, YU6TD, YU6YY, YU75SRV, YU7AL, YU7AV, YU7BCP, YU7BW, YU7CB, YU7CF, YU7EA, YU7ECD, YU7KM, YU7KW, YU7KW, YU7NW, YU7QL, YU7SOL, YU7VU, YU7WW, YU7YG, YU7YZ, YU7ZL, YU8/9X0A, YZ1AU, YZ1EW, YZ1U, YZ4ED/6, YZ4IZ, YZ6G, YZ7A, YZ7DX, YZ9A

#	Country	QSOs	Callsigns
21	Sweden 	181	7S0MG, 7S0Z, 7S2000M, 7S2A, 7S2E, 7S5I, 8S0W, 8S2F, 8S4Z, 8S5W, 8S7A, SA0UNX, SA4ATT, SA5BFZ, SA5JUS, SA7AHC, SI1SSA, SI3GM, SI5SSA, SI75A, SI9AM, SJ9WL, SK0HB, SK0HS/0, SK0HS/5, SK0MG, SK0UX, SK0WJ, SK0X, SK2KW, SK3SN, SK3W, SK4A0, SK6AW, SK6EI, SK6NP, SK7A, SK7CE, SK7DX, SL3A, SL3ZV, SL5DE, SM/DH2YAU/P, SM/LA9TKA/P, SM0BDS, SM0BSB, SM0CUH, SM0DJZ, SM0EUI, SM0FAE, SM0KV, SM0OGQ, SM0R, SM0TGU, SM0TTV, SM1BIQ, SM2CEW, SM2IEO, SM2LIY, SM2T, SM3AF, SM3CBR, SM3CER, SM3EVR, SM3JLA, SM3MXR, SM3NRY, SM3OSM, SM3PZG, SM3ULU, SM3VDX, SM3W, SM4AAY, SM4AIO, SM4CJY, SM4DHF, SM4EMO, SM4HAI, SM4JDP, SM4JEV, SM4ONW, SM4Q, SM4RGD, SM4RLD, SM4TU, SM4VPZ, SM4WAW, SM5AFU, SM5AKP, SM5AOE, SM5AOG, SM5AQD, SM5BOH, SM5CAH, SM5CCE, SM5CLE, SM5COP, SM5CSS, SM5CZD, SM5DGA/QR, SM5DQ, SM5EIT, SM5EUB, SM5FQQ, SM5FUG, SM5IMO, SM5KNV, SM5KRI/3, SM5LNS, SM5MRW, SM5TRT, SM6A, SM6AOU, SM6BSK, SM6BWD, SM6CAW, SM6CPY, SM6CRM, SM6CST, SM6CWK, SM6DOK, SM6FFG, SM6FKF, SM6FUD, SM6GBM, SM6HDY, SM6HRR/P, SM6LRW, SM6OLL, SM6TDA, SM6UQJ, SM6WQB, SM7ATL, SM7BHM, SM7CFR, SM7CHX, SM7CIL, SM7CQY/6, SM7DLZ, SM7EH, SM7FWZ, SM7JUR, SM7NGH, SM7VRJ, SM7XQZ
22	Slovenia 	179	S50A, S50B, S50C, S50D, S50K, S50L, S50M, S50O, S50R, S50S, S50U, S5100WW, S51AY, S51B, S51CA, S51CK, S51DX, S51F, S51IX, S51K, S51LU, S51MA, S51MF, S51NR, S51NT, S51QA, S51QV, S51RJ, S51RW, S51ST, S51TA, S51WA, S51WP, S51Z, S52A, S52AU, S52AW, S52D, S52DG, S52G0, S52IK, S52LW, S52RA, S52U, S52Z, S52ZW, S53BB, S53CAB, S53EJ, S53EO, S53M, S53MJ, S53O, S53OQ, S53R, S54A, S54L, S550DDR, S55A, S55MC, S56A, S56C, S56HCE, S56M, S56O, S56P, S56R, S56VOM, S5702DX, S57A, S57AC, S57AD, S57AL, S57AT, S57DX, S57II0, S57J, S57JA, S57JZ, S57M, S57MM, S57NML, S57OJS, S57Q, S57S, S57TW, S57U, S57V, S57X, S57X/P, S57XX, S57ZT, S589PMC, S58A, S58AB, S58DX, S58G, S58J, S58M, S58MU, S58N, S58Q, S58T, S58X, S59A, S59AA, S59ABC, S59KW, S59L, S59N, S59UN, S59WA, S59X, S59ZA, S5C
23	Belgium 	173	ON1708M, ON1DH, ON1DLL, ON1DSE, ON2ACO, ON2AD, ON2AFC, ON3GTS, ON3ND, ON3ONX, ON3QRP, ON3VHF, ON3VS, ON4AAM, ON4ALY, ON4AME, ON4AMY, ON4ANT, ON4API, ON4ARV, ON4ASS, ON4AUF, ON4AYM, ON4BCM, ON4BX, ON4CAP/P, ON4CAU, ON4CB, ON4CCN, ON4CDW, ON4CGZ, ON4DAK, ON4FQR, ON4GP, ON4GPE, ON4KEP, ON4KGP, ON4KJ, ON4KLG, ON4KVA, ON4LDT, ON4LG, ON4NG, ON4PAL, ON4PS, ON4TO, ON4TX, ON4UN, ON50CRB, ON50LSN, ON50NOK, ON5AEG, ON5CM, ON5EG, ON5GB, ON5GQ, ON5HT, ON5JD, ON5LO, ON5NY, ON5PD, ON5PU, ON5SA, ON5SY, ON5UE, ON5UM, ON5VN, ON5VW, ON5ZO, ON6AA, ON6BR, ON6CK, ON6FY, ON6FZ, ON6GK, ON6GP, ON6GV, ON6KE, ON6PQ, ON6QRP, ON6SAO, ON6TM, ON6UF, ON6ZK, ON6ZV, ON75ACC, ON75CLR, ON75CRD, ON75LIR, ON75NNV, ON75REM, ON75TRA, ON75TWS, ON75WLD, ON7CL, ON7DU, ON7EE, ON7EQ, ON7KK, ON7MO, ON7NDR, ON7NQ, ON7RD, ON7TQ, ON7UI, ON7UN, ON7VD, ON7YX, ON8NT, ON8XE, ON9BV, ON9CDR, 004SS, 006QP, 007EY, 007KG, 0090, 0P0WWA, 0P4K, 0Q1Z, 0Q4LDU, 0Q6AA, 0Q7YX, 0R1Z, 0R6CW, 0R6TJ, 0S4CU, 0S4IT, 0S4LD, 0S7KG, 0S8A, 0S9CCQ, 0T0A, 0T0C, 0T0P, 0T1R, 0T2T, 0T4A, 0T4B, 0T40, 0T5A, 0T5T, 0T5V, 0T6A, 0T6T
24	Canary Islands 	171	AM1SAT/8, AN8FT, AN8URL, EA8/DC6ST, EA8/DF4UE, EA8/DG3FEH/P, EA8/DJ1ZL, EA8/DJ5AA, EA8/DK2BR, EA8/DK20C, EA8/DL1YCB, EA8/DL2DXA, EA8/DL6QW, EA8/EA4GMY, EA8/GI4SNA, EA8/GM0WDD, EA8/HB9CYV/P, EA8/HB9LDD, EA8/IK1PMR, EA8/IN3IVF, EA8/M0WML/P, EA8/ON6MP, EA8/WA1ECA, EA88/DJ5AA, EA8A, EA8AA, EA8AAG, EA8AAP, EA8ACM, EA8ACW, EA8ADJ, EA8AEA, EA8AGG, EA8AH, EA8AIN, EA8AK, EA8AKN, EA8ALK, EA8AQD, EA8AQV, EA8AR, EA8ARI, EA8AUP, EA8AVI, EA8AW, EA8BCT, EA8BFB, EA8BGO, EA8BHN, EA8BMG, EA8BPX, EA8BQU, EA8BR, EA8BTA, EA8BWW, EA8BXQ, EA8BZG, EA8BZH, EA8CAL, EA8CAZ, EA8CK, EA8CN, EA8CXN, EA8DBM, EA8DGA, EA8DGC, EA8DHA, EA8DKV, EA8DKZ, EA8DQJ, EA8EA, EA8EY, EA8EZ, EA8FC, EA8GDA, EA8HB, EA8IN, EA8JF, EA8JK, EA8KK, EA8LL, EA8LS, EA8OM, EA8PGA, EA8PP, EA8RCP, EA8SH, EA8TE, EA8TJ, EA8TK, EA8TL, EA8UF, EA8VJ, EA8WK, EA8YO, EA8ZS, EB8AMT, EB8ANP, EB8AYA, EB8BRZ, EB8BTV, EC8AAB, EC8AAM, EC8AAP, EC8AJI, EC8AUZ, EC8AWP, EC8UZ, ED8CLU, ED8FVG, ED8OR, ED8OTA, EF8CMW, EH8URT, G2CHL/EA8
25	Croatia 	145	9A/404A, 9A/DJ8ZZ, 9A/DK8ZZ, 9A/E75DX/P, 9A/IU3UJX, 9A/LA5TFA, 9A/OE1EMS, 9A/OE5BBL, 9A/OE8CSK, 9A/OH6XY, 9A/OM3RM/P, 9A/OM8HG, 9A/S53AU/P, 9A/VE3ZIK, 9A04JB, 9A0C, 9A0CW, 9A10C, 9A10FF, 9A11ELS, 9A11P, 9A16D, 9A170TESLA, 9A1A, 9A1BOP, 9A1CAL, 9A1CCY, 9A1CEI, 9A1CGK, 9A1CHI, 9A1CTL, 9A1HDE, 9A1P, 9A1V, 9A282TN, 9A284MF, 9A2AJ, 9A2AT, 9A2CT,

#	Country	QSOs	Callsigns
			9A2EY, 9A2GA, 9A2GF, 9A2GH, 9A2HF, 9A2IJ, 9A2N, 9A2OU, 9A2U, 9A2VR, 9A2W, 9A2WJ, 9A2YC, 9A2YM, 9A2ZA, 9A3B, 9A3FT/P, 9A3GF, 9A3GW, 9A3IJ, 9A3JH, 9A3LM, 9A3LN, 9A3ST, 9A3VM, 9A3YT, 9A3ZG, 9A44FF, 9A4A, 9A4BP, 9A4KW, 9A4MF, 9A4W, 9A4ZM, 9A5BCA, 9A5BWW, 9A5CW, 9A5D, 9A5ST, 9A5V, 9A5V/P, 9A5W, 9A5Y, 9A5ZM, 9A652AA, 9A6C, 9A6V, 9A70LPC, 9A7A, 9A7D, 9A7DM, 9A7P, 9A7T/P, 9A8000S, 9A88AA, 9A8A, 9A8M, 9A8W, 9A9A, 9A9AA, 9A9D, 9A9R, 9AY2K
26	Bulgaria 	143	LZ/YT1CI, LZ/YU0W, LZ05WFF, LZ0WRTC, LZ1105PI0, LZ137L0, LZ170MDS, LZ1833PSS, LZ19ECC, LZ1ABC, LZ1AG, LZ1BG, LZ1BJ, LZ1CWK, LZ1DQ, LZ1DX, LZ1EP, LZ1GC, LZ1GHT, LZ1IN, LZ1JZ, LZ1KBB, LZ1KSN, LZ1MC, LZ1ND, LZ1NG, LZ1OJ, LZ1OR, LZ1QI, LZ1QN, LZ1QZ, LZ1RF, LZ1SDR, LZ1V, LZ1WG, LZ1WR, LZ1YP, LZ1Z, LZ1ZC/1, LZ1ZJ, LZ1ZM, LZ1ZV, LZ2000A, LZ290WA, LZ2BE, LZ2CJ, LZ2HM, LZ2HR, LZ2JA, LZ2JE, LZ2KV, LZ2MP, LZ2PL, LZ2PP, LZ2PS, LZ2RF, LZ2RR, LZ2SX, LZ2UF, LZ2UZ, LZ2VQ, LZ2XF, LZ386SKI, LZ3CB, LZ3DP, LZ3FN, LZ3HI, LZ3KB, LZ3ND, LZ3NY, LZ3RF, LZ3SV, LZ3TL, LZ3ZZ, LZ457PP, LZ4KAC, LZ4RR, LZ5A, LZ5F, LZ5GM, LZ5PW, LZ5QZ, LZ5R, LZ5XQ, LZ5Z, LZ6A, LZ6C, LZ6K, LZ7G, LZ7H, LZ7M, LZ7N, LZ818PT, LZ883PI, LZ8NFF, LZ9A, LZ9R, LZ9W, LZ9X
27	Lithuania 	139	LY100Q, LY11LY, LY19EURO, LY1BA, LY1BxB, LY1BZB, LY1CM, LY1CX, LY1DC, LY1DQ, LY1DR, LY1DS, LY1DT, LY1FAG, LY1NDN, LY1R, LY1RX, LY1YK, LY2000RMD/A, LY29A, LY2AT, LY2BBF, LY2BIL, LY2BKT, LY2BM, LY2CG, LY2CY, LY2F, LY2FN, LY2GF, LY2GV, LY2HN, LY2IC, LY2IJ, LY2J, LY2KM, LY2LA, LY2MW, LY2N, LY2NYY, LY2OU, LY2OX, LY2PAQ, LY2PX, LY2QJ, LY2R, LY2TE, LY2TX, LY2WJ, LY2ZZ, LY30LY, LY35BA, LY35BM, LY35OU, LY35Z0, LY37LY, LY3AV, LY3BA, LY3BB, LY3BH, LY3BN, LY3BX, LY3BY, LY3CW, LY3G, LY3ID, LY3MR, LY3X/P, LY40MR, LY4A, LY4AA, LY4AB, LY4G, LY4Y, LY5A, LY5G, LY5W, LY6M, LY7A, LY7Z, LY80
28	Romania 	130	Y022NATO, Y02ADQ, Y02AQB, Y02AQ0, Y02BB, Y02BEH, Y02BZV, Y02CMI, Y02DNO, Y02IS, Y02KBB, Y02LAN, Y02LEA, Y02MAX, Y02MJZ, Y02NAA, Y03APJ, Y03BAP, Y03CBZ, Y03DLK, Y03DMU, Y03FG0, Y03FRI, Y03FWC, Y03GHC, Y03GJC, Y03GNF, Y03IHG, Y03JF, Y03JOS, Y03LW, Y03PGF, Y03RT, Y04AIP, Y04ATW, Y04BGJ, Y04BYW, Y04CAI, Y04FHU, Y04NF, Y04W0, Y05CL, Y05KAI, Y05MCM/P, Y05OH0/QRP, Y05OLD, Y05ONK, Y05TP, Y060EV, Y06ADW, Y06BHN, Y06EX, Y06FGZ, Y06GLT, Y06KEA, Y06KPT, Y06LM, Y06OBH, Y060EV, Y07APA, Y07BPC, Y07CGS, Y07DAA, Y07LFV, Y07LHA, Y07OI, Y08AAZ, Y08CNA, Y08DHA, Y08RLF, Y08SS, Y090IARU, Y09AFT, Y09AGI, Y09CMC, Y09FJW, Y09HP, Y09KVV, Y09WF, Y09XC, YP2GEO, YP2U, YP35KGA, YP3A, YP3X, YP8A, YP9W, YQ6A, YR100REX, YR1C, YR2R, YR2VR, YR31SEPSI, YR4A
29	Scotland 	120	2M0SQL, 2M1EUB, 2M1EUB/P, GB00H, GB2NCL, GB5R0, GB5SI, GM0F, GM0FET, GM0FQV, GM0HKS, GM0HLV/P, GM0HTG, GM0ICF, GM0IIO, GM0ILB, GM0LIR, GM0MUN, GM0NBM, GM0OPS, GM0RRK, GM0TCU, GM0VIV/M, GM0WDD, GM10XB, GM2T, GM3BCL, GM3CFS, GM3POI, GM3PPE, GM3PPG/P, GM3RNZ, GM3RXU, GM3UCI, GM3UGF, GM3UM, GM3UTQ, GM3VLB/M, GM3VLB/P, GM3VLP/P, GM3W, GM3W0J, GM4BVJ/P, GM4CUX, GM4DMZ, GM4FDM, GM4FOC, GM4JXP/P, GM4LUD, GM4PVC, GM4UYE, GM4VXX, GM5C, GM5K, GM6V, GM7PBB, GM7PKT, GM7V, GS0MOC, GS2MP, GS3EE0/P, GS3PYE, GS8VL, MM/LY3X/P, MM/OK4MM/P, MM0AMW, MM0BNN/P, MM0BQI/P, MM0BSM, MM0BYE/P, MM0CIN, MM0DGR, MM0EFI/P, MM0KSS, MM0SAJ, MM0T, MM0TWX, MM0VIK, MM0VIK/P, MM0WMA, MM0ZFG/P, MM2T, MM5ABX, MM5AJN, MM60EC, MM7WAB, MM9SQL, MM9YMA/P, MS0APF/P, MS0SCG, MS0TA/P, MZ5A
30	Austria 	114	4U1A, 4U1VIC, OE/DK6SP, OE/DL3MBE/P, OE/DL6FBL, OE/PA3GAN, OE1A, OE1AKB, OE1BKA, OE1EMS, OE1HMC, OE1KEB/P, OE1KLA, OE1KYW, OE1M, OE1NPW/3, OE2AKB, OE2BZL, OE2M, OE2S, OE2SNL, OE2VDL, OE3AKA, OE3CHS, OE3DIA, OE3DSB, OE3FLU, OE3FVU, OE3GCU, OE3HCS, OE3HPA, OE3HTC, OE3I, OE3JAG, OE3KEU, OE3R, OE3RSB, OE3SGU, OE3SPR/P, OE3V, OE3WGC, OE3WMA, OE4A, OE4B, OE4BKU, OE4VIE, OE4WHG, OE5CYL, OE5DIN, OE5FBL, OE5FIN, OE5GFI/P, OE5OH0, OE5TXF, OE5VLL, OE5WLL, OE6ADE/P, OE6CGD/P, OE6CLD, OE6EEG, OE6ISP, OE6JWD, OE6MBG, OE6MDF, OE6RAG, OE6Z, OE7/PH7FE, OE75CWL, OE75PPK, OE7AJT, OE7GHJ, OE7GJ, OE7PGJ, OE8CIQ, OE8Q, OE8SKQ, OE8TIR/P, OE9DAI, OE9HGV, OE9MDV, OE9SLH, OEM3WAC, OEM60R, OEM8CIQ, OEM8XHk
31	Slovak Republic 	112	OM0AAA, OM0CS, OM0MS, OM0R, OM0WR, OM150MURGAS, OM1AF, OM1AGE, OM1AW, OM22WRTC, OM25ISS, OM26YEC, OM2DT, OM2DX, OM2I, OM2IB, OM2TS, OM2VL, OM30CAQ, OM3A, OM3BA, OM3BT,

#	Country	QSOs	Callsigns
			OM3CAZ, OM3CFA, OM3CM, OM3CPS, OM3DX, OM3EY, OM3IAG, OM3JA, OM3KAG, OM3KHO, OM3KSI, OM3MB, OM3OM, OM3PC, OM3RJB, OM3RM, OM3TBG, OM3TDD, OM3TJT, OM3TNA, OM3TWM, OM3WBC, OM4EX, OM4RF, OM4TX, OM5A, OM5CM, OM5DX, OM5M, OM5TX, OM5WW, OM5XX, OM6AL, OM6T, OM7AS, OM7AX, OM7CA, OM7M, OM7OM, OM7PY/QRP, OM7RF, OM7TJ, OM8A, OM8DD, OM8FR, OM8LA, OM8WG
32	Switzerland 	110	HB125FMS, HB2AAA, HB2EI, HB2T, HB90IARU, HB9A, HB9AFH/P, HB9AFI/P, HB9AOF, HB9APT, HB9ARF, HB9BCK/P, HB9BIN/P, HB9BMD, HB9BOS, HB9BRU, HB9BYA, HB9CAC, HB9CAU, HB9CBR/P, HB9CEV/P, HB9CGA/P, HB9CNV, HB9CPS, HB9CQL, HB9CRO, HB9CVE, HB9CVQ, HB9CXZ, HB9DAX, HB9DGV, HB9DGV/P, HB9DHG, HB9DNG, HB9DOJ/P, HB9DST/P, HB9DWF/M, HB9EBI, HB9EBV, HB9EHJ, HB9ESC, HB9ETR, HB9EVF/P, HB9F, HB9FAP, HB9FAR, HB9FBG, HB9FMD, HB9GKR/P, HB9GSE, HB9GT, HB9GWJ, HB9HAT, HB9HH, HB9HIN, HB9HK, HB9HLM, HB9HQX, HB9IJJ, HB9IPL, HB9IRM, HB9JAP, HB9JOE, HB9KOA, HB9KX, HB9LBC, HB9LCW, HB9LDO, HB9LEA, HB9LEK/P, HB9LF, HB9MFL, HB9NN, HB9OAB, HB9OK, HB9OME, HB9PUE, HB9PVI, HB9RYZ, HB9STEVE, HB9STW, HB9SZV, HB9TNW, HB9TUD, HB9WDF, HB9ZZ, HE3OM, HE8G
33	Norway 	109	LA/4S7AB, LA/F5VMJ, LA/HB9BHU/P, LA0CX, LA0FA, LA0HK, LA1CI, LA1EBA/P, LA1K, LA1U, LA1VCA, LA1YE, LA2BKA, LA2EGA, LA2EIA, LA2HFA, LA2KD, LA2PA, LA2WRA, LA2XSA, LA3DHA, LA3LJ, LA3M, LA3TK, LA3YU, LA4C, LA4FPA, LA4IFA, LA4KGA, LA4LN, LA4PHA, LA4PM, LA4ZL, LA5FHA, LA5HE, LA5HJA, LA5IIA, LA5JX, LA5LJA, LA5LT, LA5M, LA5PBA, LA5UF, LA6PB, LA6Q, LA6VIA, LA6YIA, LA6ZFA, LA6ZJA, LA7AJ, LA7AK, LA7DFA, LA7EHA, LA7G, LA7HJA, LA7MFA, LA7XK, LA8ENA, LA8HGA, LA8JKA, LA8OM, LA8PDA, LA8SDA, LA8UJA, LA8W, LA8WG, LA9DFA, LA9HFA, LA9HW, LA9KY, LA9NM, LA9PJA/P, LA9TJA, LA9VDA, LA9VK, LA9XGA/P, LA9YG, LB0TH, LB2TG, LB2WG, LB4LI, LB5JJ, LB6HC, LB7PC/P, LB7PI, LB8X/P, LI4OWG, LM90NRRL, LN7G
34	Denmark 	98	5P1ER, 5P5L, 0U2I, 0V1CDX, 0V1T, OZ/DH8IAT, OZ/DL1REM, OZ/DL2JRM/P, OZ/PA2A, OZ0HF, OZ1AA, OZ1ACB, OZ1AXG, OZ1BJW, OZ1CGQ, OZ1CT, OZ1CTK, OZ1DLV, OZ1DSD, OZ1DYI/P, OZ1FAO, OZ1FEL, OZ1FMO, OZ1GML, OZ1GX, OZ1HDF, OZ1IKW, OZ1MY, OZ1OM, OZ2ABI, OZ2AR, OZ2JOP, OZ2000, OZ2TF, OZ3ABU, OZ3ZWF, OZ4FF, OZ4JU, OZ4MD, OZ4RT, OZ5BAL, OZ5BD, OZ5DL, OZ5DX, OZ5EDR, OZ5EV, OZ5IPA, OZ5W, OZ5XE, OZ625E/97, OZ6XR/QRP, OZ7DN, OZ7GF, OZ7HAM, OZ7JZ, OZ8ABE, OZ8KV, OZ8Q, OZ8QI, OZ8QS, OZ8RO, OZ8X, OZ90IARU, OZ9AAD, OZ9AAR, OZ9AFN, OZ9FZ, OZ9KY, OZ9SIG
35	Greece 	96	J400EG, J41YM, J42CPMV, J430, J48ALO, J48LH, J48Y, N1JAC/SV2, SV/WY3V, SV0EN, SV0SYH, SV0TPN, SV0XAD, SV1/DH7IF/P, SV1ADG, SV1AFA, SV1ATS, SV1BHN, SV1BJW, SV1BRL/8, SV1CER, SV1DKR, SV1DNW, SV1EGE, SV1EKI, SV1ENI, SV1IW, SV1JG, SV1NA, SV1NJA, SV1PMQ, SV1QN/8, SV1RK, SV1RVJ/P/P, SV1SL, SV1SSL, SV2/RW3AL, SV2/YU0W, SV2BFN, SV2BOH, SV2BXZ, SV2CWY, SV2CXI, SV2DGH/8, SV2HZZ, SV2JAO, SV2NCH/P, SV2OXS/P, SV2RUJ/P, SV2RVJ/P, SV2XI, SV3AQR, SV3AQT, SV3AUW, SV3CQY, SV3EXP, SV4/DH7IF/P, SV6TAC/P, SV8/DL6AP, SV8/GM3YOR, SV8/IK2QEI, SV8/OK1MBZ, SV8/PA1XA, SV8CKM, SV8CS, SV8LMQ, SV8MQP, SV8QG, SV8SXF, SW2B, SX0W, SX150ITU, SX200M, SX94MIKIS, SY1D, SY8DBO, SY8JZ, SZ3PTR
36	Australia 	84	CT1DOB/VK2, VI3GP, VK20HOME, VK2ANS, VK2APT, VK2BAI, VK2CLD, VK2CP, VK2DT, VK2EPT, VK2GR, VK2GWK, VK2GYT, VK2HJ, VK2INO, VK2JFE, VK2MAX, VK2MN, VK2NN, VK2SEX, VK2SIL, VK3ACD, VK3BOB, VK3CML, VK3CWB, VK3DN, VK3DQS, VK3EGN, VK3EW, VK3FRB, VK3QI, VK3VS, VK4AO, VK4ATN, VK4BR, VK4DAN, VK4DZ, VK4IJ, VK4IZ/P, VK4JZ, VK4MWK, VK4NM, VK4OQ, VK4TQ, VK4WIL, VK4WTN, VK5AM, VK5ARE/M, VK5CA, VK5FJ, VK5GN, VK5GT, VK5IT, VK5NJ, VK5PGH, VK5PJ, VK5PO, VK5RM, VK5SFA, VK6ABS, VK6ANC, VK6ANC/P, VK6BH, VK6BN, VK6GIO/5, VK6HH, VK6OZ, VK6RK, VK6WJH, VK6WR, VK6YY, VK7AC, VK7GK, VK7NBY, VK7TS/4, VK8AV, VK8DX, VK8NSB, VK8TM
37	Belarus 	82	EU1AZ, EU1DC, EU1DX, EU1DZ/6, EU1FC, EU1KY, EU1RZ/2, EU1SA, EU2AA, EU3DN, EU4AA, EU4EU, EU50UN, EU5A, EU5C, EU5F, EU5M, EU6DA, EU6DX, EU6DZ, EU6RO, EU7SH, EU8U, EV1P, EV6Z, EV79C, EV79K, EW1BA, EW1BJ, EW1DO, EW1SM, EW1TZ, EW1WC, EW2AA, EW2DZ, EW2ES, EW2R, EW2W, EW4A, EW4DW, EW4EN, EW4MM, EW4XA, EW6AS, EW6CU, EW6DI, EW6FA, EW6GF, EW6W, EW7EL, EW7HW, EW7TA, EW8BR, EW8CY, EW8DA, EW8EW, EW8KW, EW8MZ, EW8OE, EW8OM, EW8W, UC2LDU
38	Ireland 	78	EI/AI5SM, EI/E018IKN, EI1DD, EI2CI, EI2HY, EI2II, EI2IP,

#	Country	QSOs	Callsigns
			EI2KC, EI2KW, EI3DP, EI3ER, EI3FW, EI3FW/P, EI3KA/P, EI4BZ, EI4DQ, EI4DW, EI4II, EI4JY/P, EI4MFT/P, EI5DI, EI5DR, EI5HBB, EI5IN, EI5IQ, EI5LF/P, EI6DX/P, EI6FR, EI6HM, EI6IF, EI6IZ, EI6U, EI7CC, EI7GL, EI7HBB, EI7II, EI7INB, EI7JK, EI7KD, EI7KH/P, EI7M, EI8GS, EI8HT, EI8IU, EI8JB, EI8KF, EI9FE, EI9FN, EI9IB, EI9JFB, EI9KY/P, EJ4GK/P, EJ5J, EJ7HKB, EJ7M
39	Azores 	75	CR2H, CS8ABF, CT8/4Z5IW, CT8/DL1CW, CT8/OK4MM, CT8/S51TA, CT8/UZ5DX, CU1EZ, CU2/CT1EGW, CU2A, CU2AP, CU2AR, CU2BN, CU2CW, CU2DG, CU2DX, CU2GI, CU2GY, CU2GY/98, CU2HI, CU2JL, CU2UG, CU2YK, CU3/CT1ZW, CU3AA, CU3AC, CU3AD/98, CU3AE, CU3AK, CU3AN, CU3AT, CU3BL, CU3CC, CU3CY, CU3DJ, CU3DP, CU3DX, CU3ED, CU3EE, CU3EJ, CU3EJ/98, CU3EM, CU3EQ, CU3FA, CU3GD, CU3HN, CU3HQ, CU6NS, CU7AA, CU7AM, CU7MD, CU8AO
40	Bosnia-Herzegovina 	70	E7/404A, E70A, E70E, E70W, E71A, E72AA, E72AD, E72U, E72WG, E730ITU, E73CV, E73DN, E73EPA, E73ESP, E73W, E74A, E74AA, E74DX, E74EBL, E74IW, E74SD, E75AZ, E75C, E75CV, E75MC, E76AQ, E77A, E77AA, E77B, E77D, E77D0, E77DX, E77EA, E77XZ, E79D, E7AA, T90K, T91A, T91ELS, T91ENS, T92A, T92D, T93M, T94D0, T94FC, T94N0, T94YT, T95DXT, T97M, T97V, T99A, T99MT, T99W, T9DX, X5BYZ
41	Madeira Islands 	69	CQ9500DL, CQ98BM, CQ9K, CQ9S, CQ9T, CR3M, CR3SI, CS9ABS, CT3/DJ6QT, CT3/DL3KWF, CT3/DL3KWR, CT3/DL6NBR/P, CT3/OE3MZC/P, CT3/OH6LI, CT3AF, CT3BX, CT3DL, CT3EE, CT3FM, CT3FN, CT3FN/P, CT3FY, CT3HF, CT3HJ, CT3IQ, CT3KJ, CT3KN, CT3KR, CT3KT, CT9/DK8MM, CT9/DL2MDU, CT9/DL3KWF, CT9/DL5AXX, CT9/DL5WS, CT9/EA4BQG, CT9/OM3RG, CT9/OM8AA, CT9ACD, CT9ACF, CT9CHU/P, CT9EXP, CT9L, CT9M
42	Israel 	63	4X/ES2RR, 4X/OK1JR, 4X/OM2IB, 4X/S59PR, 4X0WFF, 4X1AJ, 4X1RU, 4X1UF, 4X1VF, 4X4B0, 4X4HQ, 4X4JU, 4X4MU, 4X4WF, 4X4WN, 4X50DS/SK, 4X50FR/SK, 4X5KL, 4X5MZ, 4X6FR, 4X6HP, 4X6TT, 4X6UF, 4X6U0, 4X6XJ, 4X6ZK, 4Z1DZ, 4Z1GY, 4Z1JJ, 4Z1TL, 4Z4DX, 4Z4T, 4Z5AD, 4Z5AX, 4Z5CP, 4Z5FC, 4Z5GE, 4Z5GY, 4Z5JU, 4Z5NX/60, 4Z5SG, 4Z5TK, 4Z7M, 4Z85TA, 4Z8DX, 4Z9DBI
43	Asiatic Turkey 	62	TA/HB9GWJ, TA/OH2UDS, TA1/K4UEE, TA1BJ, TA1CM, TA1D, TA1EE, TA1FA, TA1FR, TA1ITU, TA1NSG, TA1PB, TA2A0/4, TA2BK, TA2DA, TA2DS, TA2DS/0, TA2EE, TA2II, TA2IJ, TA2KK, TA2RC/0, TA2VYL, TA3B, TA3D, TA3DD, TA3G, TA3JOH, TA3KB, TA3LHH, TA3OPS, TA3X, TA3ZJ, TA4/DJ5MN, TA4A, TA4L, TA4SO, TA4ZM, TA7H, TA7MVL, TA7OM, TA7YLY, TA9EA, TA9J, TC100TC, TC19MY, TC90TC, YM3LZ
44	South Africa 	60	ZS/OE3SEU/P, ZS10RSA, ZS1AFE, ZS1ANF, ZS1A0, ZS1BHJ, ZS1BVA, ZS1C, ZS1DJ, ZS1HL, ZS1J, ZS1LVH, ZS1NL, ZS1TA, ZS2BK, ZS2DL, ZS2I, ZS2Y, ZS31ER, ZS4JAN, ZS4K, ZS4TX, ZS5ADB, ZS5DCF, ZS5KWL, ZS5NK, ZS6AF, ZS6AMX, ZS6AXF, ZS6AYM, ZS6BRH, ZS6CNC, ZS6EZ, ZS6GER, ZS6NJ, ZS6NK, ZS6NW, ZS6OB, ZS6STU, ZS6TDK, ZS6WB, ZS6WN, ZS6X, ZS6YI, ZS95A, ZS9C, ZS9F
45	Latvia 	59	YL/RZ3BY, YL1XW, YL1ZD, YL1ZR, YL1ZW, YL1ZZ, YL2CV, YL2DX, YL2EC, YL2GC, YL2GD, YL2GN, YL2GP, YL2GVW, YL2GW, YL2HA, YL2KA, YL2KF, YL2KO, YL2LW, YL2LY, YL2MR, YL2QC, YL2SW, YL2TB, YL2UZ, YL3BZ, YL3CW, YL3DX, YL3GDU, YL3GGT, YL4U, YL6W, YL6Z, YL7C, YL7T, YL8M, YL9W
46	Wales 	56	2W0JFJ/P, GB0TI, GB5FI, GW0ANA, GW0ARK, GW0AZW, GW0FG0, GW0POA, GW0RYT, GW0SLM, GW0TAU, GW0TXM, GW3CSA, GW3KDB, GW3NJW, GW3TYI, GW3UZS, GW3VOL, GW4GOQ, GW4HBK, GW4HDB, GW4KHQ, GW4OKT, GW4UXE, GW4VXE, GW5NF, GW6J, GW8GT, GW8TIX, MW0AXD, MW0CFQ/M, MW0CSO, MW0IDX, MW0UAA, MW0UPH, MW0USK, MW0XRT, MW1BAJ, MW1DDD/P, MW3EBS, MW7TTA
47	Kazakhstan 	55	UN0L, UN0LM, UN0N, UN3G, UN4L, UN4PG, UN5G, UN5J, UN5PR, UN6G, UN6LN, UN6P, UN6PD, UN7CL, UN7CZ, UN7ECA, UN7EG, UN7LAN, UN7LDR, UN7QX, UN7ZV, UN8LA, UN8LW, UN8PC, UN8PYL, UN90FA, UN9GD, UN9L, UN9LEL, UN9LG, UN9LN, UO2022HNY, UP0CFF, UP0L, UP4L, UP5G, UP5KP, UP5P, UP6P, UP9GR, UP9L
48	Puerto Rico 	51	KP3CW, KP3RE, KP3V, KP3Z, KP4AH, KP4DKE, KP4EIT, KP4FBM, KP4FP, KP4JRS, KP4QL, KP4RA, KP4TOM, KP4US, KP4VET, KP4XS, NP3CW, NP3D, NP3KW, NP3RK, NP4A, NP4G, NP4UI, NP4Z, WP3B, WP3PZ, WP3W, WP4CTD, WP4G, WP4KMB, WP4LNY, WP4NJD, WP4NOW, WP4Q, WP4T, WP4U
49	Venezuela 	51	4M2BYT, 4M3B, 4M4AJ, 4M4X, 4M5X, YV1DIG, YV1FPT, YV1KK, YV1RDX, YV2DVD, YV2FOW, YV3AJ, YV4BHH, YV4EBP, YV4EJS,

#	Country	QSOs	Callsigns
			YV4FRS, YV4GAC, YV4GLD, YV5ANF, YV5BUK, YV5DEH, YV5DEI, YV5JAU, YV5JBI, YV5JLO, YV5KAJ, YV5MKA, YV5NEA, YV5NFL, YV5NKKV, YV5NWG, YV5USB, YV5YMA, YV6DBW, YV6DBX, YV6ERA, YV6PM, YV8RW, YW1A, YW5RY, YY3A, YY4ERC, YY50GN
50	China 	50	BA1PK, BA4CH, BA5CW, BA7IO, BA7LFI, BA8DX, BD1RCR, BD4UJ, BD4UN, BD5RV/4, BD7IS, BD7OH, BD8CBU, BD8GK, BG0BBB, BG0DLA, BG0EUQ, BG2LTC/0, BG3ILY, BG3OJZ, BG3UPA, BG4QNE, BG5CZD, BG5GLV, BG7BDB, BG7BES, BG8KVC, BG8LQN, BG8SRK, BG9HKP, BH3GIS, BH4BNQ, BH6LIG, BH8AVW, BI1SDA, BI4IWL, BI4VIP, BI8DHZ, BT1ON, BY4BHK, BY4BKJ, BY4BPT, BY8AC, BZ5HAN
51	North Macedonia 	50	Z3/YT1CI, Z3/YU0W, Z30M, Z30U, Z31JA, Z31NA, Z31RM, Z31RQ, Z32AM, Z32BU, Z32CPU, Z32DR, Z32XX, Z350KV, Z35G, Z35M, Z35M/QR, Z35T, Z36T, Z36W, Z37CXY, Z37DRS, Z37FAD, Z37GBC, Z37KXY, Z38/HA30V, Z38/NN6C
52	Paraguay 	50	ZP/PY2RN, ZP0M, ZP0R, ZP1AB, ZP1BO, ZP20DD, ZP5CF, ZP5CGL, ZP5FGS, ZP5JCY, ZP5JLT, ZP5KO, ZP5KW, ZP5MAL, ZP5MKW, ZP5PIB, ZP5V, ZP5WBM, ZP5WYV, ZP5XYE, ZP5YW, ZP6CC, ZP6CW, ZP6DN, ZP6SK, ZP6T, ZP6VT, ZP6XR, ZP80A, ZP94B, ZP9MP, ZP9RF
53	Chile 	49	3G1X, 3G4A, CA1CUO, CE2/VE7SV, CE2EZE, CE2HI, CE2SV, CE3AQN, CE3BFZ, CE3F, CE3FIP, CE4ETZ, CE4P, CE5BPE, CE5CNT, CE6EW, CE6EZ, CE6JOE, CE6NES, CE6TBN, CE6TC, CE7A0Y, CE70XZ, CE8DGO, CE8EIO, CE8GLQ, CE8SFG, XQ3SK, XQ5OS, XQ8ABF, XR1X, XR4B, XR8S
54	Luxembourg 	49	LX/DK9JC, LX/DL4SDX, LX/DL4VBS, LX/HB9AOF, LX/PA3EWP, LX/SP1DPA, LX0ITU, LX0LT, LX0RL, LX1AX, LX1DO, LX1ER, LX1HD, LX1IQ, LX1JH, LX1JX, LX1KC, LX1KQ/A, LX1NJ, LX1NO, LX1NW, LX1RFJ, LX1RL, LX1RY, LX1SG, LX1SID, LX1TI, LX1TO, LX1UN, LX1X, LX2RH, LX5A, LX9S, LX9SW
55	Indonesia 	47	7A0A, YB0ABB, YB0AI, YB0AZ, YB0DPO, YB0LBK, YB1KOR, YB1LGP, YB1RQX/P, YB1XUR, YB2DX, YB2LAB, YB3MM, YB4IR/7, YB5AQG, YB5N0F/P, YB5QZ, YB8A0, YB9AY, YB9RHX, YC0JMT, YC0ONE, YC1PRE, YC1RIK/P, YC2KME, YC2UAI, YC2VMS, YC2WVX, YC3AJO, YC5AKH, YC5NKF, YC5TA, YC5VYH, YC6JKV, YC8RRK, YC9DBP, YC9MKF, YG2BDN, YG3EMH, YH1AB
56	Kaliningrad 	47	R2FBH, R2FBW, R2FK, R2MWO, RA2F, RA2FBC, RA2FF, RA2FM, RA2FN, RA2FT, RA2FZ, RK2F, RK2FWA, RK2FWN, RL2F, RN2FQ, RW2F, UA2F, UA2FB, UA2FEK, UA2FZ, UA2KU, UE2IT, UI2K, UW2F
57	Liberia 	45	5L2PP, A80K, EL2AY, EL2JZ, EL2PP, EL2VO
58	Cyprus 	44	5B/G3RWF, 5B/RW9QA, 5B4/G3ZEM, 5B4/G4DIY, 5B4/RW9UP, 5B4/RZ9UA, 5B4/UA9CDV, 5B4ADA, 5B4AFH, 5B4AGC, 5B4AIF, 5B4AIZ, 5B4AJC, 5B4AMH, 5B4AMM, 5B4A0B, 5B4BD, 5B4ES, 5B4KH, 5B4LP, 5B4VL, 5B4WN, 5B4XF, 5B4ZZ, 5B9ATE, C40M, C40X, C49C, C4A, H25Z, P3A, P3N
59	Morocco 	42	5C8M, 5G4I, CN14DKH, CN25A, CN2DF, CN2ES, CN2HW, CN2JF, CN2JS, CN2R, CN2SE, CN2UN, CN33M, CN8AM, CN8EC, CN8IG, CN8JQ, CN8JQ/P, CN8KD, CN8MB, CN8MHW, CN8NK, CN8NS, CN8SG, CN8SI, CN8TM, CN8TX, CN8UN, CN8VW, CN8YR, CN8ZG
60	Northern Ireland 	42	GI0BQX, GI0KOW, GI0KVQ, GI0PGC/P, GI0PML, GI0SAP, GI0UJG, GI0VGV, GI0VTS, GI0WHI, GI3POS, GI3XRQ/P, GI4D0H, GI40NL, GI4SJO, GI4SNA, GI4SNC, GI4TUE, GI7UGV, GI7ULG, GN0ADX/P, MI0BVK, MI0OUT, MI0SRR, MI0TLG, MI0VKO
61	Guinea-Bissau 	41	J51A, J52AK, J52IM, J56CK, J5UAI, J5UDX
62	Balearic Islands 	39	EA6/DL2DXA, EA6/EA3GHZ, EA6/EA4NF, EA6/EA5WP, EA6/HA7PL, EA6ACC, EA6ACH, EA6AEI, EA6AM, EA6AZ, EA6BB, EA6BH, EA6EJ, EA6FG, EA6KB, EA6MQ, EA6MR, EA6NB, EA6SX, EA6TC, EA6UN, EA6VQ, EA6VZ, EA6XQ, EA6ZL, EA6ZS, EA6ZY, EB6ADS, EC6DX, EC6QY, ED6IB
63	The Gambia 	39	C50A, C51A, C53CW, C53GB, C53GM, C53HG, C53KL, C53LY, C53M, C53ZF, C56/G3RZ, C56JJ, C56R, C56TA, C56TTY, C56V, C5C, C5DX, C5GCJ, C5P
64	Iceland 	38	DL1FAR/TF/P, DL2RSI/TF, TF/DF1LON, TF/DL2GRC, TF/DL2JRM/P, TF/SM1TDE, TF1/DL2VFR, TF1A, TF1EM, TF2JB, TF2MSN, TF2000, TF3BM, TF3CW, TF3GB, TF3IRA, TF3JB, TF3SG, TF3VE, TF3W, TF4/LX9EG/P, TF5B, TF5BW, TF5BY, TF7RX, TF8GX, TF8SM,

#	Country	QSOs	Callsigns
W4WET/TF7			
65	Malta 	38	9H0A, 9H0VRZ, 9H1BB, 9H1CG, 9H1EL, 9H1ES, 9H1GT, 9H1GW, 9H1JP, 9H1MD, 9H1P, 9H1QB, 9H1SP, 9H1SR, 9H1TB, 9H1TX, 9H1XT, 9H1ZA, 9H1ZE, 9H3TF, 9H3TI, 9H3UM, 9H4CM, 9H4DX, 9H4K, 9H5BZ, 9H5TB, 9H9PA
66	Antarctica 	37	8J1RL, DP0GVN, DP0POL/MM, DP1POL, EM1H0, EM1KCC, EM1KY, EM1LV/P, KC4AAA, L36Z, LU1ZAB, R1AND, R1ANZ, R1ANC, R1AND, RI1ANR, RI1ANY, RI30ANT, ZS7ANF
67	Aruba 	37	P4/DL4MM, P40AA, P40E, P40JT, P40L, P40NA, P40Q, P40R, P40TT, P40V, P40W, P40X, P43A, P43D0, P43E, P43JB, P43P, P49M, P49MR, P49T, P49V
68	New Zealand 	37	ZL1/DL2QB, ZL1ALZ, ZL1B0Q, ZL1B0S, ZL1BYZ, ZL1DYC, ZL1IW, ZL1MRX, ZL2AGY, ZL2AJR, ZL2AL, ZL2AMI, ZL2AX, ZL2BPT, ZL2BX, ZL2HE, ZL2HU, ZL2IFB, ZL2IO, ZL2PBG, ZL3AZ, ZL3IO, ZL3JF, ZL3KIM, ZL3XDJ, ZL4CZ, ZL4IR, ZL4NR, ZL6CC, ZL6QH
69	Uruguay 	37	CW4A, CW6V, CX/PY3VK, CX1JM, CX2000, CX2AQ, CX2BAH, CX2SA, CX2VG, CX4BAN, CX4HS, CX5AV, CX5BW, CX6BZ, CX6VM, CX7BF, CX7CC, CX7C0, CX8AF, CX8CM, CX9ACU, CX9AU, CX9BE
70	Albania 	36	ZA/404A, ZA/IW2JOP, ZA/LZ2HM, ZA/OE8NDR, ZA/OH2BH, ZA/OK1JR, ZA/OK1MBZ, ZA/UT5DW, ZA/YU0W, ZA/Z35M, ZA1AJ, ZA1B, ZA1E, ZA1EM, ZA1G, ZA3C, ZA5G, ZA9A
71	Algeria 	36	7V2PI, 7X2DG, 7X2KF, 7X2LZ, 7X2RF, 7X2TLT, 7X2TM, 7X2TT, 7X2WCK, 7X2YL, 7X2Y0TA, 7X3WPL, 7X4AN, 7X5CY
72	Kuwait 	36	9K2GR, 9K2GS, 9K2HM, 9K2HN, 9K2HQ, 9K2MP, 9K2MU, 9K2N0, 9K2OD, 9K2OP, 9K2QA, 9K2RA, 9K2RX, 9K2SH, 9K2SQ, 9K2SS, 9K2UB, 9K2ZZ, 9K58NLD
73	Moldova 	36	ER/UN0N, ER0ND, ER1AM, ER1CW, ER1KW, ER1LW, ER1PB, ER2CQ, ER3BB, ER3DW, ER3ED, ER3GQ, ER3MM, ER3R, ER3ZZ, ER4DX, ER4KAA, ER5DX, ER5Z, ER65V, ER6A, U050ED
74	Sable Island 	36	CY0MM, CY0S
75	Ceuta & Melilla 	35	AM1SAT/9, EA9/DL2RNS, EA9/DL2RVL, EA9/DL92RVL, EA9ACD, EA9ACE, EA9AR, EA9AU, EA9BF, EA9B0, EA9E, EA9EU, EA9IB, EA9KB, EA9KQ, EA9LS, EA9PB, EA9PB/P, EA9QD, EA9UR, EC9BN, ED9EA, EG9IA, EG9SDC, EG9UIT
76	Estonia 	33	ES0IC, ES100G, ES1AJ, ES1BH, ES1CH, ES1CW, ES1KK, ES1OD/3, ES1TM, ES1TU, ES2DJ, ES2IPA, ES2J, ES2ML, ES2RW, ES2X, ES3AX, ES3VI, ES4RM, ES5Q, ES5QA, ES5QX, ES5TV, ES6D0, ES6PZ, ES6Q, ES7AGW, ES9C
77	Montenegro 	33	40/E77W, 40/YU0W, 40/YU1YV, 403A, 404A, 404T, 4050A, 406AH, 407CC, 407EW, 407PL, 408A
78	Republic of Korea 	33	DS0DX/2, DS0DX/4, DS2GVB, DS4A0W, DS4EBN, DS5ICY, DS5RNM, DS5RUT, DS5USH, DT1FWC, HL0C, HL0EXN, HL00/5, HL0Y/3, HL1/WX8C, HL17FWC, HL1DH, HL1SQS, HL1WP, HL2IFR, HL2WP, HL3EMT, HL3ERJ, HL3G0B, HL3QPZ, HL4GXA, HL5FBT, HL5FUA
79	United Arab Emirates 	33	A61A, A61AJ, A61AN, A61A0, A61BK, A61DJ, A61EK, A61NN, A61Q, A61R, A65BP, A65BR, A65D, A65DF, A65IV, A68A
80	India 	32	VU2BK, VU2DPN, VU2DSI, VU2DVP, VU2ELJ, VU2GSM, VU2KDS, VU2LBW, VU2MV, VU2NSL, VU2PHD, VU2PP, VU2RDQ, VU2RS, VU2RTF, VU2SAA, VU2WAP, VU2YQ, VU3BGS, VU3DMP, VU3KPL, VU3MCV, VU3NAX, VU3VLH
81	Sardinia 	31	IM0/IK2QEI, IM0/IK5PWQ, IM0/IK5XCT, IM0/IS0KEB, IM0MBP, IO0WRTC, IQ0AK, IS0/DL4YAJ/P, IS0AEL, IS0BHY, IS0BSR, IS0CJV, IS0DCR, IS0ESG, IS0FWY, IS0GQX, IS0GSR, IS0HQJ, IS0IGV, IS0KEB, IS0KNG, IS0LLJ, IS0NHT, IS00MH, IS0WBT, IS0XKE, IS0XPK, IS0YUJ, IY0GM
82	Nigeria 	30	5N0GC, 5N0MVE, 5N0NHD, 5N0T, 5N0W, 5N0ZKD, 5N1SYT, 5N50K, 5N5K, 5N6NDP, 5N7M, 5N7QBR, 5N8LRG, 5N8NDP, 5N8SHE, 5N9DTG, 5N9KW0
83	Svalbard 	30	JW/DJ3KR, JW/DL2JRM, JW/F8DVD, JW/YT3M, JW0HR, JW0HS, JW0W, JW2PA, JW3RT, JW5E, JW5LJA, JW5NM, JW6WEA, JW7EHA, JW7FD,

#	Country	QSOs	Callsigns
			JW7M, JW7QI, JW7QIA, JW7XK, JW8G, JW8HGA, JW8LGA, JW9JKA
84	Benin 	29	TY0RU, TY1DX, TY1PS, TY1RY, TY2SV, TY4DX, TY5C, TY5GG, TY68F, TY7C, TY8G, TY9F
85	Guadeloupe 	29	FG/EA2KL, FG/F5B0Y, FG/F6ITD, FG/K6LA, FG/N4CD, FG2VU, FG4KH, FG5BG, FG5FC, FG5FR, FG5GH, FG5GZ, FG5HR, FG5IM, FG8AR, FG8OJ, T01Q, T07T
86	Colombia 	28	HJ1UXY, HJ4SAN, HJ6PPN, HK1APN, HK1LAQ, HK1RRL, HK2GYV, HK3BZO, HK3C, HK3JJH, HK3JJH/1, HK3Q, HK3SGP, HK4FZ, HK4QIM, HK4SAN, HK5JPS, HK5LJ, HK6D0S, HK6ISX, HK6JCF, HK6KKK, HK8RQS
87	Ghana 	28	9G1BJ, 9G1BL, 9G1BS, 9G1UW, 9G1WJ, 9G1YR, 9G2DX, 9G2H0, 9G4X, 9G5MD, 9G5ZS
88	Aland Islands 	27	OH0/DL1SVA/P, OH0/DL3SEM, OH0/JH1AJT, OH0/SA0UNX, OH0AL, OH0BH, OH0EA, OH0HAC, OH0JTU, OH0JWL, OH0M, OH0MM, OH0N, OH0PM, OH0R, OH0RB, OH0RJ, OH0TA, OH0Z, OI0RJ
89	Franz Josef Land 	27	R1FJ, R1FJV, RI1FJ, RI1FJA, RI1FJL, RI1FJZ
90	Lebanon 	27	OD5/OK1MU, OD5IU, OD5NH, OD5NJ, OD5OJ, OD5PL, OD5PY, OD5RI, OD5TB, OD5VB, OD5VV, OD5ZZ
91	Cabo Verde 	26	D44/CT1EKF, D44/IK7VJP, D44AB, D44A0D, D44BC, D44BS, D44CF, D44E0, D440A, D44PM, D44TA, D44TD, D44TW0, D4C, D4VMJ
92	Faroe Islands 	26	OY/DL2SWW, OY1CT, OY10F, OY1R, OY2J, OY2V0, OY3AA, OY3JE, OY3QN, OY4TN, OY6A, OY9JD
93	San Marino 	26	T7/DL2AAW, T70A, T70DXC, T77BL, T77C, T77CD, T77EB, T77J, T77LA, T77M, T77WI
94	US Virgin Islands 	26	KP2/AA1BU, KP2/AG2J, KP2/K0BZ, KP2/K0DI, KP2/K0FFY, KP2/K8ZBY, KP2A, KP2B, KP2BH, KP2D, KP2M, KP2N, N2TK/NP2, NP2BT, NP2E, WP2AA, WP2AHW, WP2Z
95	Angola 	25	D2A, D2ACE, D2AI, D2BB, D2EB, D2GG, D2SA, D2TT, D2U, D2UY, D3SAF
96	Cuba 	25	C00SS, C02WF, C03JA, C03WMF, C06ABP, C06AP, C06LG, C06LP, C06TY, C06WD, C06XN, C07KR, C08DM, C08LY, C08VC, C08ZZ, T48K
97	Ecuador 	24	HC0E, HC1AK, HC1JQ, HC10T, HC2A0, HC2DX, HC2FG, HC2GT, HC2SL, HC2ZE, HC4T, HC5FC, HC7AE/1, HD1QRC90
98	Oman 	24	A41KB, A41LZ, A41ZZ, A43GI, A43HI, A45IJ, A45WD, A45XR, A45ZN, A45ZZ, A47RS
99	Thailand 	24	E21CJN, E21EIC, E21EJC, E29DX, E29TGW, E2WWA, HS0/G3NOM, HS0/G4UAV, HS0/IK4MRH, HS0/JH1IWI, HS0/JR3XMG, HS0ZAK, HS0ZKG, HS0Z0Y, HS1NGR, HS25SG, HS5XWY, HS7WMU
100	Togo 	24	5V7EI, 5V7RU, 5V7VJ
101	Turks & Caicos Islands 	24	VP5/AA5UK, VP5/AC0W, VP5/DK6AS, VP5/JA7AYE, VP5/JH7MQD, VP5/K5CM, VP5/W5A0, VP5C, VP5DX, VP5E, VP5ED, VP5G, VP5JM, VP5L, VP5N, VP5R, VP5S, VP5T, VP5V, VP5WW, VP5Y, VQ5Q
102	Dominican Republic 	23	F6AUS/HI9, HI3/W4DT, HI3/WA2VUY, HI3G, HI3T, HI3TEJ, HI3Y, HI8CR, HI8GSP, HI8K, HI8LEZ, HI8RD, HI8RMQ, HI8RV, HI8TLF, HI9/F5PLR, PA3GIO/HI9, RW3RN/HI7, YV4CEG/HI3
103	Gabon 	23	TR0A, TR8CA, TR8CR, TR8IG, TR8VP
104	Libya 	23	5A1A, 5A1AL, 5A21PA, 5A23PA, 5A31, 5A32
105	Martinique 	23	FM/EA1BP, FM/F9IE, FM/G3SQX, FM5BH, FM5CD, FM5DN, FM5FJ, FM5FM, FM5GU, FM5GX, FM5LD, FM5WD, T04A, T05T, T07HAM
106	St. Helena 	23	ZD7AQH, ZD7BG, ZD7CT0, ZD7DP, ZD7GWM, ZD7MY, ZD7VC, ZD7XY, ZD7ZA
107	Bonaire, Curacao	22	PJ1B, PJ2/CT1B0H, PJ2/K9NW, PJ2/K9XV, PJ2I, PJ2MI, PJ2T, PJ2W0L, PJ4/DL1EFD/P, PJ4/HB9BCK, PJ4/K2NG, PJ4LS, PJ4M, PJ4W, PJ9B, PJ9E, PJ9LS, PJ9Y

#	Country	QSOs	Callsigns
108	Bouvet 	22	3Y0C, 3Y0J, 3Y0K
109	Egypt 	22	SU1GS, SU1SK, SU2MT, SU3YM, SU8LXR, SU9AF, SU9BN, SU9IG, SU9LL, SU9NC, SU9VB, SU9ZZ
110	Jordan 	22	JY4CI, JY4NE, JY5FJ, JY5HX, JY5IB, JY5IN, JY7P, JY8TT, JY9FC, JY9NX, JY9QJ, JY9RU
111	Barbados 	21	8P2A, 8P5A, 8P5AA, 8P5KM, 8P6AM, 8P6AZ, 8P6DR, 8P6EX, 8P6FD, 8P6FH, 8P6RY, 8P6SA, 8P9AA, 8P9AM, 8P9NX, 8P9Z
112	Cameroon 	21	TJ1FT, TJ1GD, TJ1PD, TJ1RA, TJ3MC, TJ9MD
113	Comoros 	21	D60AE, D68/G30ZF, D68C
114	Guernsey 	21	GB0U, GP0PKT, GP0STH, GU3EJL, GU3HFN, GU3MHV, GU4FOC, GU4WHV, GU4Y0X, GU6EFB, GU8D, MU0FAL, MU0IAX/P
115	Isle of Man 	21	GB4MGR, GD0/VE3EGD, GD0HWA, GD0PLT, GD0SSH, GD0TEP, GD1JNB, GD3NKC, GD4WBY, GD6IA, GT4IOM, MD/DL4ALB, MD/DL4WG, MD/N0KV, MD/OE50HO, MD0CCE, MD0XVL
116	UK Base Areas on Cyprus 	21	ZC4A, ZC4BS, ZC4BS/QRP, ZC4CM, ZC4DW, ZC4LI, ZC4TS, ZC4UW
117	Azerbaijan 	20	4J20R0, 4J3DJ, 4J6D, 4J6R0, 4JT6R0, 4K500R, 4K6CD, 4K6F0, 4K6MAR, 4K9W
118	Corsica 	20	TK/9A8MM, TK/DJ2MX/P, TK/DL4FF, TK/IK1BPL, TK/IV3UHL, TK/OE9SBD, TK/ON5RA, TK1A, TK1CX, TK2C, TK4LS, TK4TH, TK4VQ0, TK5HC, TK5JP, TK5XN, TK8T
119	Falkland Islands 	20	VP8ADR, VP8AWU, VP8BPZ, VP8BTR, VP8CKN, VP8CQG, VP8CSA, VP8CTM, VP8DBR, VP8DKP, VP8LP, VP8LP/A, VP8PK/A, VP8VK
120	Reunion Island 	20	FR/F6GT0, FR/N3NW, FR1AN, FR40X, FR40Z, FR5DX, FR5FK, FR5GM, FR5KH, FR8UA, T07DL
121	Saudi Arabia 	20	7Z1AL, 7Z1BY, 7Z1HL, 7Z1IS, 7Z100, 7Z1SJ, 7Z92ND, HZ1AB, HZ1AM, HZ1FI, HZ1HZ, HZ1TT
122	South Shetland Islands 	20	D88S, HF0POL, HF0QF, LZ0A, R1ANF, R1ANF/A, R1ANF/P
123	Taiwan 	20	B02YA, BU100, BV1EK, BV2NT, BV2VA, BV4MU, BV4VE, BV5BG, BV5GQ, BV6GU, BV7GA, BV7KL, BW2/JP1RIW, BW3/UA3VCS, BX3/DJ3KR, BX4AD
124	Bermuda 	19	VE1CWJ/VP9, VP9/AA1AC, VP9/G3VYI, VP9/IK2RZP, VP9/SP9FIH, VP9/W6PH, VP9/W9AEB, VP9ANV, VP9DX, VP9EP, VP9ID, VP9KD, VP9KF, VP9LR, VP9NO, WB4NFS/VP9
125	Crete 	19	SV0XCC/9, SV9/DL7UCX, SV9/IK2ANI/P, SV9/LZ1JZ/P, SV9/N09E, SV9/OZ6B, SV9/S53R, SV9/SV1DPI, SV9/SV1QN, SV9ANH, SV9ANK, SV9BMG, SV9CVJ, SV9CVY, SV9GPJ
126	French Polynesia 	19	F0/HB9GB, F00CLA, F00FRA, F00M0T, F00PT, F05JV, F05NL, TX6D
127	Mexico 	19	6D2X, XE1KK, XE1L, XE1MEX, XE1UFO, XE1YD, XE1YQR, XE1ZOI, XE2AC, XE2DV, XE2UVB, XE2WWW, XE2X, XE2YWH, XE3AJM, XE3E, XF1/DL1YMK
128	Panama 	19	3E1AA, 3E1DX, H81L, H01A, HP1AC, HP1BYS, HP1DGX, HP1KZ, HP1RY, HP1XVH, HP2CWB, HP2NG, HP3XBH
129	Trinidad & Tobago 	19	9Y4/DL2RVS, 9Y4/DL7DF, 9Y4/UA4CC, 9Y4D, 9Y4DG, 9Y4H, 9Y4KS, 9Y4NW, 9Y4SF, 9Y4VU, 9Y4WARD, 9Z4FE
130	Western Sahara 	19	S01M, S01WS, S02R, S05X, S07CRS, S07U, S08R, S09S
131	Austral Islands 	18	F00FLA, F00WEG, TX5EU, TX7W
132	Bahamas 	18	C6A/W4SAA, C6A/W9AU, C6AGR, C6AGU, C6AGY, C6AIC, C6AJX, C6AKA, C6AKQ, C6ARS, C6ATA, C6AUM, C6AZM, WA1JAY/C6A, WJ7R/C6A
133	Georgia 	18	4L/AH0M, 4L/TA9EA, 4L/W7EHC, 4L0CR, 4L0VE, 4L1DA, 4L1FL, 4L1W, 4L4DX, 4L4MM, 4L6AM, 4L7AA, 4L8A
134	Iraq 	18	YI1EYT, YI1HK, YI1SSS, YI1YJK, YI3AA, YI3WHR, YI5THA, YI9KT,

#	Country	QSOs	Callsigns
			YI90M, YI9ZF
135	Kenya 	18	5Z1SK, 5Z4/G3AB, 5Z4BJ, 5Z4DU, 5Z4FM, 5Z4F0, 5Z4FW, 5Z4FZ, 5Z4LL, 5Z4LS, 5Z4NU, 5Z4RL, 5Z4VJ
136	Maldives 	18	8Q7JI, 8Q7LA, 8Q7SA, 8Q7VR, 8Q7XX, 8Q7ZW, 8Q7ZZ
137	Sierra Leone 	18	9L1AB, 9L1BTB, 9L1MA, 9L1MG, 9L1PG, 9L5M, 9L8MD, 9LY1JM
138	Sri Lanka 	18	4S6ARW, 4S7AB, 4S7BRG, 4S7DA, 4S7EA, 4S7NB, 4S7NE, 4S7NZG, 4S7SPG
139	Bangladesh 	17	S21ACP, S21AR, S21FIA, S21MOB, S21RC, S21WD, S21YJ, S21ZG
140	Bhutan 	17	A52A, A52CI, A52EA, A52FH, A52JS, A52P, A60KWT/5
141	Namibia 	17	V5/DL3DXX, V51AS, V51BG, V51B0, V51C, V51CM, V51E, V51GB, V51GP, V51JP, V51MA, V51VB, V53DX, V59T, V59X
142	Senegal 	17	6V6U, 6V7J, 6W/F5IBZ, 6W1QV, 6W1RD, 6W1RN, 6W4RK, 6W6/K3IPK, 6W6JX, 6W70G
143	Timor - Leste 	17	4W/CU3FT, 4W/W3UR, 4W6EB, 4W6GH, 4W6GH/P, 4W6MM, 4W8X
144	Andorra 	16	C31B0, C31CT, C31HK, C31KC, C31LK, C31PM, C31PP, C31US, C31YA, C34SD, C34US, C35CT, C37AC
145	Belize 	16	V31DL, V31DX, V31GI, V31LM, V31LZ, V31MA, V31RG, V31TP, V31U0, V31XX
146	Costa Rica 	16	KB0QMY/TI5, OK1NG/TI7, TE2M, TI0R, TI1C, TI2/VE2EM, TI2CC, TI2CDA, TI2LCR, TI20Y, TI4HQS, TI4ZM, TI5/GM3YTS, TI7/DL7CX, TI7DBS
147	Cote d'Ivoire 	16	TU/F4DVX, TU2DP, TU2QW, TU2XZ, TU4EI, TU4EV, TU5DF, TU5PCT
148	Dodecanese 	16	J45T, SV0XCA/5, SV5/DL2DXA, SV5/DL6AP, SV5/HB9IQB, SV5/SM8C, SV5AZK, SV5AZP, SV5BYR, SV5BYS, SV5BYX, SV5DKL, SV5JK, SV5TS
149	Equatorial Guinea 	16	3C2MV, 3C3CA, 3C3W, 3CA/K0C0
150	Galapagos Islands 	16	DK5VP/HC8, HC8A, HC8N, HD8Z, PA3GIO/HC8
151	Gibraltar 	16	ZB2/M0VFC, ZB2/M0WUT, ZB2/M1GE0, ZB2AZ, ZB2E0, ZB2FK, ZB2GI, ZB2J0, ZB2R, ZB2RR, ZB2X
152	Kyrgyzstan 	16	EX0QR, EX0Y, EX2A, EX2B, EX2M, EX2T, EX2X, EX8F, EX8MD, EX8TR, EX8W, EX9A, EX9HQ
153	Rwanda 	16	9X0A, 9X0R, 9X0TL, 9X2AW, 9X5EE, 9X5GC, 9X5RU
154	St. Kitts & Nevis 	16	V4/SP9FIH, V410KD, V44KAI, V44KA0, V44KJ, V47EM, V47JA, V47KP, V47NS, V47UY, V47VTK, V47Z, V47ZM
155	Swains Island 	16	W8S
156	West Malaysia 	16	9M2/JA4DPL, 9M2CNC, 9M2HB, 9M2RS, 9M2SH, 9M2T0, 9W2BAF
157	Zambia 	16	9J2AE, 9J2B0, 9J2BS, 9J2FI, 9J2FR, 9J2LA, 9J2RA, 9J2SZ
158	Chad 	15	TT1GD, TT8AB, TT8FC, TT8RR, TT8SN, TT8TT, TT8XX
159	Market Reef 	15	OH1MM/OJ0, OJ0T, OJ0UR, OJ0VR, OJ0W
160	Mayotte 	15	FH/UA4WHX, FH5CB, FH5CQ, T02TT, T08FH
161	Qatar 	15	A71AE, A71AM, A71AN, A71BM, A71BY, A71CM, A71CW, A71EM, A71MA/M, A71UN, A75GA
162	Republic of Kosovo 	15	Z6/DL4EA, Z60A, Z61DX, Z63DNI, Z66SP
163	Republic of the Congo 	15	TN3B, TN3W, TN5R, TN8GD
164	Rodriguez Island 	15	3B9C, 3B9DJ, 3B9FR
165	St. Vincent 	15	J8/DH5FS, J8/DL9XAQ, J8/EA2BP, J8/N02R, J8/SP3IPB, J8/WA2VUY, J80F, J87BZ, J88BTI, J88DR, J88IH

#	Country	QSOs	Callsigns
166	Tunisia 	15	3V8BB, 3V8BT, 3V8CB, 3V8SM, 3V8SQ
167	Anguilla 	14	VP2E, VP2EBN, VP2EC, VP2EF, VP2EIH, VP2EJ, VP2EP, VP2ETE, VP2EWE, VP2EY
168	Annobon Island 	14	3C0V, 3C0W
169	Antigua & Barbuda 	14	V2/AI5P, V21ZG, V25A, V25WY, V26B, V26K, V260, V26PL, V29NR
170	Cayman Islands 	14	ZF1A, ZF1MA, ZF1PM, ZF1VK, ZF2AH, ZF2AM, ZF2DX, ZF2MC, ZF2NT, ZF2SP, ZF2UL
171	Djibouti 	14	J20EE, J28AA, J28MD, J28NC, J28NH, J28NH/P
172	Greenland 	14	OX3AH, OX3DU, OX3HI, OX3KQ, OX3SA, OX3SG, OX3XR, OX3ZM
173	Malawi 	14	7Q5SE/P, 7Q6M, 7Q7EMH, 7Q7JN, 7Q7PS, 7Q7RM, 7Q7XX, 7Q7ZZ, 7Q8AC, 7QAA
174	Mauritania 	14	5T0JL, 5T5DC, 5T5JC, 5T5MS, 5T5PA, 5T5SV
175	Tristan da Cunha & Gough Islands 	14	ZD9BV, ZD9IR, ZD9W, ZD9ZM
176	Armenia 	13	EK/RX3DPK, EK4JJ, EK6LF, EK6LP, EK6RL, EK6TA, EK7DX, EK8WY
177	Christmas Island 	13	VK9Q0, VK9X/G6AY, VK9XU, VK9XV
178	Curacao 	13	PJ2/DK50N, PJ2/K2PLF, PJ2/VE7ACN, PJ2/W0NB, PJ2/W9VA, PJ2/WE9V, PJ2/WI9WI, PJ2BR, PJ2MAN, PJ2T
179	Mauritius 	13	3B8/DL6UAA, 3B8/PA3GIO, 3B8FR, 3B8FT, 3B8GF, 3B8GL, 3B8HC, 3B8MM
180	Monaco 	13	3A/DL2GRC, 3A/DL30CH, 3A/F4HAU, 3A/F5VMJ, 3A/N5TJ, 3A/WC4E, 3A2LF, 3A2LZ, 3A2MW, F5BWJ/3A/M
181	North Cook Islands 	13	E51D, E51JAN, ZK1AXU
182	Sao Tome & Principe 	13	S92DW, S92LB, S92SS, S92SV, S9DX, S9MX, S9R, S9VMJ
183	Singapore 	13	9V1E0, 9V1UV, 9V1WW, 9V1XE, 9V1YC, 9V1ZB
184	South Orkney Islands 	13	VP8ORK, VP8PJ
185	Trindade & Martim Vaz 	13	PR0T, PW0T, PY0TI
186	Afghanistan 	12	T6AA, YA/DL5NAV, YA5T
187	Alaska 	12	AL7ID, AL70, KL1LQ, KL7IDA, KL7J, KL7JM, KL7RA, KL7TC, KL7XD, N07F/KL7, WL7E
188	Bahrain 	12	A92EE, A92EV, A92GD, A92GR, A92HK, A92HK/M, A92IO
189	Chagos Islands 	12	VQ9GB, VQ9IO, VQ9JC, VQ9LA, VQ9PO, VQ9QM, VQ9XX
190	Dem. Rep. of the Congo 	12	9Q0HQ, 9Q2L, 9Q5TR, 9R1A, 9S1X, 9T/G0YCE, 9T0MD
191	Ethiopia 	12	9E1C, ET3AA, ET3BT, ET3JA, ET3PMW
192	Guyana 	12	8R1AK/P, 8R1AL, 8R1CJ, 8R1K, 8R1USA, 8R1WA, 8R1WD, 8R1Z
193	Lakshadweep Islands 	12	VU7T, VU7W
194	Liechtenstein 	12	HB0/DF6VU/P, HB0/DJ1AA, HB0/DL1RWB, HB0/DL4MP, HB0/HA0HW, HB0/HA7JTR, HB0/HB9AON, HB0/PC5A, HB0/PI4TUE, HB0LL, HB0TR, HB0WR
195	Macao 	12	XX9AS, XX9AU, XX9D, XX9TEP, XX9TXW, XX9W
196	Mali 	12	TZ4AM, TZ6FIC, TZ6JA, TZ6VV, TZ6YV
197	Mongolia 	12	JT0LR, JT1BG, JT1BH, JT1BV, JT1C0, JT1FCX, JT1Y, JT5DX
198	Nicaragua 	12	H6C, H77REX, H7DX, HT9T, YN2GM, YN5GIM, YN9HAU

#	Country	QSOs	Callsigns
199	Palestine 	12	E4/G3WQU, E4/OK1FHI, E41/OK1DTP, E44DX, E44RU
200	Peru 	12	0A1F, 0A4BA, 0A4DJW, 0A4DKC, 0A4DOS, 0A4EI, 0A40, 0A4QV, 0B4ABE
201	Philippines 	12	4F3FVA, 4F9HXB, DU100RG, DU1DX, DU1IMA, DU1IST, DU3CQ, DU3DW/2, DU3LA, DU3SV, DX4RIG
202	St. Martin 	12	F5SLG/FS, FJ/AA6YQ, FJ/I4UFH, FJ/PA3GIO/M, FJ5AB, FS/F2YT, FS/FG80J, FS/KM3T, FS/W6IZT, FS5PL
203	Uganda 	12	5V7LB/5X, 5X1GS, 5X1NH, 5X1P, 5X1T, 5X2I, 5X3R, 5X4D, 5X4E, 5X4F
204	Yemen 	12	70/0H2YY, 701YGF, 7073T, 708AD, 708AE
205	Bolivia 	11	CP/LU5VC, CP10Z, CP4IC, CP5HB, CP6AA, CP6EB, CP6XE, CP8XA
206	Brunei Darussalam 	11	V84SAA, V85/F5NPV, V85DX, V85SS, V85TL
207	Central African Republic 	11	TL8AA, TL8DV, TL8GD, TL8NG, TL8ZZ
208	Grenada 	11	J3/N6RFM, J34G, J37K, J37LK, J38FR, J38GA, J3A, J3K
209	Guatemala 	11	TG/DL1CW, TG4/W0IZ, TG9AHM, TG9AJR, TG9CB, TG9NX
210	Guinea 	11	3X0DEX, 3X0HME, 3X1A, 3X2021, 3XA8DX, 3XY1L, 3XY6A, 3XY6KR, 3XY7A
211	Hong Kong 	11	VR2BG, VR2IL, VR2KF, VR2LW, VR2MY, VR2VAZ, VR2VGM, VR2XRW, VR2XYL, VR2ZUZ
212	Mozambique 	11	C81G, C8X, C91AH, C91J, C91MR, C91SEU/P, C94AI, C98DC
213	Papua New Guinea 	11	P29KPH, P29R0, P29VR
214	Pitcairn Island 	11	VP6AJ, VP6BR, VP6G
215	Republic of South Sudan 	11	ST0R, Z81Q
216	Tanzania 	11	5H3/PA3GIO, 5H3MB, 5H3RK, 5H3US, 5H9KR, 5I3A, 5I3B, 5I3W
217	American Samoa 	10	AH8A, AH8LG, K8R
218	Cambodia 	10	XU7AAA, XU7AAR, XU7AAT, XU7ABD, XU7AM0, XU7PJ
219	French Guiana 	10	FY/F5KEE, FY1FL, FY5FJ, FY5FR, FY5HY, FY5KE, T060CNES
220	Sov Mil Order of Malta	10	1A0C, 1A0KM
221	Tuvalu 	10	T22T, T26U, T2C
222	Vietnam 	10	3W2DC, 3W2LWS, 3W9A, XV2A, XV7TH, XV9DT, XV9K
223	Agalega & St. Brandon 	9	3B6RF, 3B7M
224	Ascension Island 	9	ZD8A, ZD8D, ZD8I, ZD8T, ZD8VJ, ZD8Z
225	Botswana 	9	A21EJC, A22HH, A22RM, A25R
226	Burkina Faso 	9	XT2ATI, XT2AW, XT2BL, XT2DP, XT2DX, XT2JF
227	Burundi 	9	9U/EA1FH, 9U0X, 9U4WX, 9U5A, 9U5D, 9U5R
228	Cocos Island 	9	TI9/3Z9DX, TI9M
229	Dominica 	9	J73AB, J73CCM, J73FC, J73HGL, J73JT, J75A, J77C, J79JRC
230	El Salvador 	9	HU1M, YS1ECB, YS1EJ, YS1GMV, YS1RR, YS1RRD, YS1ZV, YS2MRL, YS9/YT1AD
231	Fernando de Noronha 	9	PT0F, PY0F/PY2ZDX, PY0F/PY5ZUE, PY0FF, PY0FR, ZX0F
232	Guantanamo Bay 	9	KG4GC, KG4HF, KG4JO, KG4KD, KG4NE, KG4WD, KG4ZE
233	Lesotho 	9	7P8/0E2VEL, 7P8/ZS5DCF, 7P8EI, 7P8GE

#	Country	QSOs	Callsigns
234	Malyj Vysotskij I.	9	R1MVI
235	Montserrat 	9	VP2MAA, VP2MBA, VP2MES, VP2MFM, VP2MGF, VP2MKG, VP2MPA, VP2MQT
236	Pakistan 	9	AP2AGJ, AP2ARS, AP2AUM, AP2HA, AP2IN, AP2JZB, AP2MKS, AP2MQ
237	Palau 	9	T88AQ, T88CL, T88TV, T88WA, T88XX, T88YH
238	San Andres & Providencia 	9	5J0DX, 5J0R, 5K0T, HK0ER, HK0GU, HK00EP, HK0TCN
239	San Felix & San Ambrosio 	9	XR0X, XR0ZY
240	Sudan 	9	ST0RY, ST2AR, ST2BSS, ST2CF, ST2M, ST2NH
241	Chatham Islands 	8	ZL7/G3SXW, ZL7/G3TXF, ZL7DK, ZL7DX, ZL7II, ZL7IO, ZL7ZB, ZM7ZB
242	Desecheo Island 	8	K5D, KP5/NP3VI
243	Ducie Island 	8	VP6DI, VP6DIA
244	Easter Island 	8	3G0Y, 3G0YA, CE0Y/DM5TI, CE0Y/G0KB0
245	Haiti 	8	4V2A, HH2/F8CUP, HH2AA, HH2LQ, HH2PK, HH2SJR
246	Hawaii 	8	AH6U, AH7DX, KH6CQH, KH6LEM, NH6D, NH7A, W1AW/KH6, WH6CQH
247	Jamaica 	8	6Y1A, 6Y5/KN5G, 6Y5DA, 6Y5HN, 6Y5JA, 6Y5PA, 6Y5WJ, KE7X/6Y5
248	Juan Fernandez Islands 	8	CE0Z/OH2MXS, CE0Z/OH3JF, CE0ZIS, XR0ZRC
249	Laos 	8	XW0X, XW1HS, XW2A, XW3DT, XW4KV
250	Madagascar 	8	5R8AL, 5R8DA, 5R8DG, 5R8HA/P, 5R8IC/P, 5R8UI
251	Marshall Islands 	8	V73UG, V73UX, V73WW
252	South Cook Islands 	8	E51JD, ZK1AXU, ZK1DI, ZK1ETW, ZK1JD, ZK1MHM, ZK1USA
253	St. Maarten, Saba, St. Eustatius	8	PJ6/PA3GIO/M, PJ6/PA3GIO/P, PJ8/N4ZC, PJ8X, PJ8Z
254	Bonaire 	7	PJ4/K5KG, PJ4B, PJ4D, PJ4DX, PJ4W
255	Conway Reef 	7	3D2CCC, 3D2CI, 3D2CY
256	Eritrea 	7	E30FB, E30MA, E30NA, E30TA
257	Honduras 	7	HQ0R, HQ3J, HR1FJC, HR1JPT, HR5/F2JD, HR9/K6T0P
258	Iran 	7	EP2FM, EP2MK0, EP3SMH, EP4RF
259	ITU HQ	7	4U0ITU, 4U1ITU
260	Jersey 	7	GJ0KYZ, GJ4EKM/P, GJ4L, GJ6WRI, MJ/ON1FIK, MJ0ASP
261	Pratas Island 	7	BQ9P
262	Sint Maarten 	7	PJ7/FG80J, PJ7AA, PJ7C, PJ7E
263	South Georgia Island 	7	VP8SGI, VP8SGP
264	St. Lucia 	7	J6/K5ZM, J68HZ, J68ID, J69AZ, J69DS, J69DT, J6DX
265	Syria 	7	YK1AH, YK1A0, YK1BA, YK9G
266	Vatican City 	7	HV0A, HV3SJ, HV4NAC, HV5PUL, HV9TVM
267	Baker & Howland Islands 	6	K1B
268	East Malaysia 	6	9M6/OK2PBM, 9M6AAC, 9M6BAA, 9M6CT, 9M8HI
269	Lord Howe Island 	6	VK9LAA, VK9LO, VK9LT
270	Marquesas Islands 	6	F00MIZ, TX7G, TX7L

#	Country	QSOs	Callsigns
271	Navassa Island 	6	K1N
272	Nepal 	6	9N7AA, 9N7FD, 9N7WU, 9N7ZK
273	Ogasawara 	6	JD1AMA, JD1BMH, JD1BQP, JL4CVB/JD1
274	Solomon Islands 	6	H44NC, H44RD, H49A
275	South Sandwich Islands 	6	VP8STI
276	St. Barthelemy 	6	FJ/DJ2V0, FJ/F6FYD, FJ/SP9FIH, FJ/W2RE, FJ/WW2DX
277	Clipperton Island 	5	F00AAA
278	Cocos (Keeling) Islands 	5	VK9CQ, VK9Q0
279	Guam 	5	KG6DX, KH2/7M3G0H, KH2/JE1SLP, KH2/K4ANA, KH2E
280	Heard Island 	5	VK0EK, VK0IR
281	Johnston Island 	5	AH3D, K3J
282	Kingdom of Eswatini 	5	3DA0AQ, 3DA0TM, 3DA0WPX
283	Kingman Reef	5	K5K
284	Mellish Reef 	5	VK9ML
285	Mount Athos 	5	SV1GA/A, SV2ASP/A, SY2A
286	Myanmar 	5	XY3C, XY5T, XZ5DB
287	New Caledonia 	5	FK8GM, FK8HC, FK8HM, FK8VHN
288	Norfolk Island 	5	AX9YL, VK9DX, VK9NS
289	Saba & St. Eustatius 	5	PJ5/DL7V0G, PJ5/K1XM, PJ6/K4UEE, PJ6A
290	St. Paul Island 	5	AI5P/CY9, CY9C, WA4RX/CY9
291	Suriname 	5	PZ1DV, PZ1EL, PZ5DX, PZ5RA
292	Tajikistan 	5	EY7AD, EY8MM
293	Uzbekistan 	5	UK8AJ, UK8IZ, UK8UWG, UM20Y, UM80M
294	Banaba Island 	4	T33C
295	Crozet Island 	4	FT8WW
296	Fiji 	4	3D2AG, 3D2AW, 3D2GC
297	Glorioso Islands 	4	FR5ZQ/G, FT4GL
298	Juan de Nova & Europa 	4	FT4JA
299	Mariana Islands 	4	KH0/JH8KYU, KH0AC, N3WW/KH0, WH0B
300	Niger 	4	5U4R, 5U7JK, 5U7Y
301	Niue 	4	E6AM, E6SP, ZK2CW
302	Palmyra & Jarvis Islands 	4	K5P, KH6ND/KH5, N5J
303	Seychelles 	4	S79DL, S79KMB, S79MX, S79VU
304	Somalia 	4	602M, 6060
305	St. Pierre & Miquelon 	4	FP/N8KR, FP5AC, FP5AC/P, FP5BZ
306	Tromelin Island 	4	FR/F6KDF/T, FR5ZU/T
307	Turkmenistan 	4	EZ75AZ, EZ8B0, EZ8CQ

#	Country	QSOs	Callsigns
308	Vanuatu 	4	YJ0AOW, YJ0AYL, YJ0AZG, YJ0VK
309	Wallis & Futuna Islands 	4	FW/G3SXW, FW5ZL
310	Andaman & Nicobar Is. 	3	VU4NR0, VU4T
311	Chesterfield Islands 	3	TX0DX
312	Jan Mayen 	3	JX3EX, JX9ZP
313	Minami Torishima 	3	JG8NQJ/JD1
314	Spratly Islands	3	9M0C, 9M0F, 9M0W
315	British Virgin Islands 	2	VP2VF, VP2VFP
316	Eastern Kiribati 	2	T32BI, T32EQ
317	Macquarie Island 	2	VK0MM
318	Micronesia 	2	V63KU, V6SX
319	Midway Island 	2	NH6D/KH4, W4JKC/KH4
320	Revillagigedo 	2	XF4IH, XF4M
321	Samoa 	2	5W1SA
322	St. Peter & St. Paul 	2	ZY0SAT
323	Tonga 	2	A35RK, A35XX
324	United Nations HQ	2	4U1UN, 4U50UN
325	Wake Island 	2	KH9/KH7AL, N6XIV/KH9
326	Zimbabwe 	2	Z21BB, Z21JE
327	Aves Island 	1	YW0RCV
328	Central Kiribati 	1	T31MY
329	DPR of Korea 	1	P5/4L4FN
330	Kermadec Islands 	1	ZL8AC
331	Malpelo Island 	1	HK3JJH/HK0
332	N.Z. Subantarctic Is. 	1	ZL9CI
333	Nauru 	1	C21EU
334	Peter 1 Island 	1	3Y0PI
335	Pr. Edward & Marion Is. 	1	ZS8MI
336	Rotuma Island 	1	3D2EU
337	Temotu Province 	1	H40MY
338	Tokelau Islands 	1	ZK3HC
339	Walvis Bay	1	ZS9/ZS4NS
340	Western Kiribati 	1	T30XU
341	Willis Island 	1	VK9WI
-	No DXCC entity (/MM, /AM or not recognised)	50	8Q7VR/MM, AC4WM/MM, DL2ALY/MM, DL6KVA/MM, DP0POL/MM, EA/ND9M/MM, EA1FBJ/MM, HA0NAR/MM, IK2EGL/MM, LA7GIA/MM, LA7THA/MM, ND9M/MM, NP4G/MM, OK1DX/MM, OY1R/MM, R1FW/MM, SP2AVE/MM, TX8CI/MM, VA3MER/MM, VE3LYC/MM, VO1RK/MM

Signal reports

Your signal (TX)

Reports other stations gave you (RST_RCVD)

Digital (FT8, FT4, ...)

-7.8 dB Good

average of 1,461 reports · best +36.0 dB · weakest -25.0 dB



Phone / CW (RST)

R5.0 S8.5 T8.8 Strong

average of 16,019 reports · best S9.0 · weakest S1.0



Their signals (RX)

Reports you gave other stations (RST_SENT)

Digital (FT8, FT4, ...)

-4.7 dB Strong

average of 1,458 reports · best +30.0 dB · weakest -29.0 dB



Phone / CW (RST)

R5.0 S8.6 T8.6 Strong

average of 16,182 reports · best S9.0 · weakest S1.0



On digital modes other stations hear you on average 3.1 dB weaker than you hear them (1,456 QSOs). Common reasons: they run more power or bigger antennas, or your receiving location is quiet.

On phone and CW the reports you sent and received are about equal (16,018 QSOs).

Signal reports depend on many things: the transmitting antenna, the receiving antenna, transmit power and propagation at the time of the QSO, as well as local noise and the other operator's equipment. Treat these averages as a rough picture of your station, not as a measurement.

On phone and CW many operators give 59 or 599 by habit, especially in contests, so RST averages usually look better than the real signals. Digital dB reports are measured by the software and are more objective.

Around JJ00AA while you were on the air

Z = UTC

The moon (EME)

Seen from JJ00AA on 2000-03-25, your busiest day.



Moon up

11 h 40 min of 1 day

Highest

73° at 04:00Z, S

Distance

400,600 km (near apogee)

EME path loss

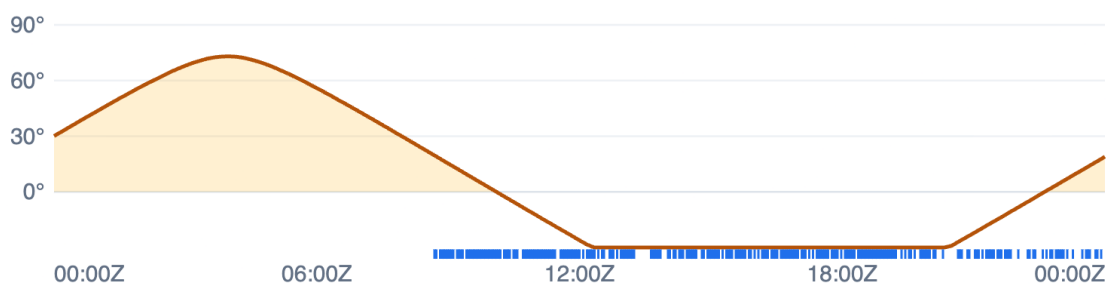
+2.0 dB against perigee

Declination

-16.7°

Phase

76% lit, waning



- Moonset 10:10Z (WSW), Moonrise 22:40Z (ESE).

- No EME QSOs in your log (PROP_MODE EME, or JT65 / JT4 / Q65 on 2 m and up over more than 1,500 km); the small marks along the bottom are your QSOs, to see if the moon was up for a try.

All calculations, figures and advice in this report are based on common best practice and typical values. They are not rules, just ideas of how YT3MD would analyse his own log.