

2025 ARRL International DX CW Contest - Line Scores DX

Results are grouped by Continent, then by DX Country/Entity name.

Within each country/entity, results are sorted by entry category, then by score in descending order.

Each result includes Final Score, QSOs, Multipliers, Category, and QSO data for each band.

Entries received after the log submission deadline are listed in italic.

Operating Category:

SOHP = Single Operator, High Power

SOHP-10 = Single Operator, High Power, 10 Meters

SOHP-15 = Single Operator, High Power, 15 Meters

SOHP-160 = Single Operator, High Power, 160 Meters

SOHP-20 = Single Operator, High Power, 20 Meters

SOHP-40 = Single Operator, High Power, 40 Meters

SOHP-80 = Single Operator, High Power, 80 Meters

SOLP = Single Operator, Low Power

SOLP-10 = Single Operator, Low Power, 10 Meters

SOLP-15 = Single Operator, Low Power, 15 Meters

SOLP-160 = Single Operator, Low Power, 160 Meters

SOLP-20 = Single Operator, Low Power, 20 Meters

SOLP-40 = Single Operator, Low Power, 40 Meters

SOLP-80 = Single Operator, Low Power, 80 Meters

SOQRP = Single Operator, QRP

SOQRP-10 = Single Operator, QRP, 10 Meters

SOQRP-15 = Single Operator, QRP, 15 Meters

SOQRP-20 = Single Operator, QRP, 20 Meters

SOQRP-40 = Single Operator, QRP, 40 Meters

SOQRP-80 = Single Operator, QRP, 80 Meters

SOUHP = Single Operator Unlimited, High Power

SOUHP-10 = Single Operator Unlimited, High Power, 10 Meters

SOUHP-15 = Single Operator Unlimited, High Power, 15 Meters

SOUHP-160 = Single Operator Unlimited, High Power, 160 Meters

SOUHP-20 = Single Operator Unlimited, High Power, 20 Meters

SOUHP-40 = Single Operator Unlimited, High Power, 40 Meters

SOUHP-80 = Single Operator Unlimited, High Power, 80 Meters

SOULP = Single Operator Unlimited, Low Power

SOULP-10 = Single Operator Unlimited, Low Power, 10 Meters

SOULP-15 = Single Operator Unlimited, Low Power, 15 Meters

SOULP-160 = Single Operator Unlimited, Low Power, 160 Meters

SOULP-20 = Single Operator Unlimited, Low Power, 20 Meters

SOULP-40 = Single Operator Unlimited, Low Power, 40 Meters

SOULP-80 = Single Operator Unlimited, Low Power, 80 Meters

SOUQRP = Single Operator Unlimited, QRP

SOUQRP-10 = Single Operator Unlimited, QRP, 10 Meters

SOUQRP-15 = Single Operator Unlimited, QRP, 15 Meters

SOUQRP-20 = Single Operator Unlimited, QRP, 20 Meters

SOUQRP-40 = Single Operator Unlimited, QRP, 40 Meters

Category Overlays are indicated to the right of the callsign in parentheses:

L= Limited Antenna Overlay, Y= Youth (age 25 and younger)

Call	Score	QSOs	Mults	Category	Hours	160	80	40	20	15	10	Operator(s) and/or Host
Africa												
Canary Islands												
EA8/DK1AX (L)	58,752	196	102	SOLP	10.4	0/0	0/0	82/34	37/22	29/21	48/25	
EA8RM	2,517,765	3,259	265	SOUHP	24.4	0/0	238/42	695/55	814/57	892/57	620/54	
EE8E	617,595	1,130	209	SOUHP	14.6	1/1	19/14	123/38	271/47	402/55	314/54	
EA8DED (OH2BP, op) (L)	3,774	44	34	SOUHP	3.9	0/0	0/0	11/9	3/3	25/18	5/4	
EA8RY (L)	6,750	79	30	SOULP-40	2.8	0/0	0/0	79/30	0/0	0/0	0/0	
EA8ZS	53,550	382	51	SOUHP-15	5.2	0/0	0/0	0/0	0/0	382/51	0/0	
EA8AQM	4,956	64	28	SOQRP-10	2.6	0/0	0/0	0/0	0/0	0/0	64/28	
EA8KR	226,029	1,297	59	SOUHP-10	17.6	0/0	0/0	0/0	0/0	0/0	1,297/59	

Cape Verde												
D4DCX (L)	855	19	15	SOUQRP	1.4	0/0	0/0	0/0	4/4	6/5	9/6	
Ceuta & Melilla												
EA9ACD	76,500	526	50	SOLP-20	16.2	0/0	0/0	0/0	526/50	0/0	0/0	
Kenya												
5Z4VJ	1,180,530	2,036	195	SOUHP	29.2	0/0	0/0	104/34	640/55	600/53	692/53	
5Z4PA	3,213	55	21	SOLP-10	6.2	0/0	0/0	0/0	0/0	0/0	55/21	
Madeira Islands												
CR3DX (OM3GI, op)	5,839,092	5,960	329	SOHP	39.1	151/38	588/57	946/58	1,230/59	1,373/58	1,672/59	
CT3KN	1,204,128	1,812	226	SOHP	10.6	0/0	70/26	232/42	498/53	606/55	406/50	
Mauritius												
3B8HK	1,008	22	16	SOLP	3.4	0/0	0/0	0/0	0/0	2/2	20/14	
Morocco												
CN8WW	11,610	92	45	SOULP	3.4	0/0	6/6	53/23	33/16	0/0	0/0	
CN3A	316,299	1,807	59	SOUHP-10	18.5	0/0	0/0	0/0	0/0	0/0	1,807/59	
Namibia												
V51YJ	90,420	550	55	SOUHP-10	13.0	0/0	0/0	0/0	0/0	0/0	550/55	
Reunion Island												
FR8UA	108,864	685	54	SOLP-15	11.9	0/0	0/0	0/0	0/0	685/54	0/0	
FR8TZ	44,748	354	44	SOLP-10	13.9	0/0	0/0	0/0	0/0	0/0	354/44	
Saint Helena												
ZD7BG	275,655	801	115	SOHP	9.9	0/0	0/0	0/0	34/17	221/43	546/55	
South Africa												
ZS4TX	56,358	187	101	SOHP	2.4	0/0	1/1	76/34	7/7	60/30	43/29	
ZS6WAR	12,408	96	44	SOLP	2.4	0/0	0/0	0/0	22/15	0/0	74/29	
ZS1C	9,798	71	46	SOUHP	1.5	0/0	0/0	0/0	45/25	16/12	10/9	
ZS1IS (L)	360	13	10	SOULP-40	0.8	0/0	0/0	13/10	0/0	0/0	0/0	
Zambia												
9J2FI (DL2RMC, op)	20,550	137	50	SOULP	2.8	0/0	0/0	30/17	0/0	1/1	106/32	
Call	Score	QSOs	Mults	Category	Hours	160	80	40	20	15	10	Operator(s) and/or Host
Antarctica												
DP1POL (DL5XL, op)	21,546	172	42	SOHP-15	2.9	0/0	0/0	0/0	0/0	172/42	0/0	
Call	Score	QSOs	Mults	Category	Hours	160	80	40	20	15	10	Operator(s) and/or Host
Asia												
Asiatic Russia												
RA9P (Y)	572,592	1,301	151	SOHP	28.7	0/0	0/0	251/50	901/59	149/42	0/0	
UAØDAR	145,350	434	114	SOHP	8.6	0/0	0/0	69/26	113/27	150/33	102/28	
RA9V	13,524	95	49	SOHP	4.1	0/0	1/1	0/0	84/40	9/7	1/1	
UA9CHL (L)	13,113	94	47	SOLP	2.3	0/0	0/0	0/0	43/24	50/22	1/1	
UD8A (L)	12,600	105	42	SOLP	4.6	0/0	0/0	0/0	92/34	13/8	0/0	
RAØLMK	10,440	90	40	SOLP	8.6	0/0	8/6	19/8	12/8	8/5	43/13	
RU9AC	6,612	59	38	SOLP	2.2	0/0	0/0	4/4	18/14	37/20	0/0	
RGØA	5,964	73	28	SOHP	3.8	0/0	0/0	0/0	55/20	17/7	1/1	

RØCM	1,170	26	15	SOLP	1.3	0/0	0/0	11/6	0/0	7/5	8/4
RC8SC	84	9	4	SOLP	0.7	0/0	0/0	0/0	9/4	0/0	0/0
RT9A	162,432	425	128	SOUHP	11.9	0/0	6/5	88/27	130/42	146/35	55/19
UA9MA	135,036	375	124	SOUHP	8.2	0/0	0/0	18/17	223/48	88/40	46/19
RUØLL	128,871	394	111	SOUHP	7.8	0/0	39/13	32/15	18/15	133/33	172/35
RZØL (L)	78,300	280	100	SOUHP	12.4	0/0	17/8	44/13	39/23	97/29	83/27
RCØL	51,744	226	77	SOUHP	7.4	0/0	4/3	23/9	47/20	69/22	83/23
RKØUN	47,760	207	80	SOUHP	10.0	0/0	0/0	24/18	61/30	46/13	76/19
UA9CDC	38,157	162	79	SOUHP	4.7	0/0	1/1	27/20	83/39	45/17	6/2
RCØCD (L)	33,708	220	53	SOUHP	8.7	0/0	0/0	7/4	56/20	52/17	105/12
RDØA (L)	26,208	113	78	SOUHP	2.4	0/0	0/0	38/24	39/26	26/21	10/7
UA9CTT	26,082	141	63	SOULP	7.7	0/0	0/0	0/0	30/19	84/31	27/13
RC9A	23,760	145	55	SOULP	3.9	0/0	0/0	6/5	80/22	59/28	0/0
RA9AP (L)	17,940	116	52	SOULP	5.6	0/0	0/0	0/0	108/44	8/8	0/0
RAØLQ	14,823	82	61	SOUHP	1.9	0/0	1/1	31/22	2/2	34/27	14/9
UA9LIF	1,368	26	19	SOULP	2.2	0/0	0/0	0/0	15/12	11/7	0/0
RWØAJ (L)	24,444	198	42	SOLP-20	8.4	0/0	0/0	0/0	198/42	0/0	0/0
RØQAW/9	12,810	124	35	SOLP-20	10.2	0/0	0/0	0/0	124/35	0/0	0/0
RØRG (L)	10,488	96	38	SOLP-20	10.9	0/0	0/0	0/0	96/38	0/0	0/0
RW9AV	741	19	13	SOLP-20	2.1	0/0	0/0	0/0	19/13	0/0	0/0
RW9QA	108	6	6	SOHP-20	0.6	0/0	0/0	0/0	6/6	0/0	0/0
UAØSBQ	3	1	1	SOQRP-20	0.1	0/0	0/0	0/0	1/1	0/0	0/0
UA9YBA	156,240	906	60	SOUHP-20	30.2	0/0	0/0	0/0	906/60	0/0	0/0
RUØA	27,195	190	49	SOUHP-20	5.2	0/0	0/0	0/0	190/49	0/0	0/0
R9AE	18,216	143	44	SOUHP-20	3.6	0/0	0/0	0/0	143/44	0/0	0/0
R9IR	9,612	90	36	SOUHP-20	3.4	0/0	0/0	0/0	90/36	0/0	0/0
RAØAM (L)	3,078	41	27	SOUHP-20	2.4	0/0	0/0	0/0	41/27	0/0	0/0
RO9A	4,698	58	27	SOULP-15	2.3	0/0	0/0	0/0	0/0	58/27	0/0
RMØW	741	22	13	SOUHP-15	2.1	0/0	0/0	0/0	0/0	22/13	0/0
RØMZ (L)	1,131	31	13	SOLP-10	1.1	0/0	0/0	0/0	0/0	0/0	31/13
RØLL (L)	696	32	8	SOLP-10	2.1	0/0	0/0	0/0	0/0	0/0	32/8
RUØL (L)	294	15	7	SOHP-10	1.4	0/0	0/0	0/0	0/0	0/0	15/7
UDØO	3	1	1	SOLP-10	0.1	0/0	0/0	0/0	0/0	0/0	1/1
RZ9YI	72	6	6	SOUHP-10	0.4	0/0	0/0	0/0	0/0	0/0	6/6
China											
BA3MM	7,326	78	33	SOHP	2.2	0/0	0/0	0/0	0/0	43/18	35/15
BI3VJL (L)	3,024	49	21	SOQRP	4.9	0/0	0/0	6/2	6/5	16/7	21/7
BG6QAL	2,706	43	22	SOLP	2.3	0/0	0/0	9/6	0/0	14/8	20/8
BA3KY (L Y)	2,394	39	21	SOLP	1.8	0/0	1/1	4/3	4/4	7/4	23/9
BH3FZK	840	32	10	SOLP	4.6	0/0	0/0	3/1	0/0	0/0	29/9
BD9AC	528	23	16	SOLP	4.5	0/0	0/0	1/1	9/8	6/4	7/3
BA2BA	462	22	7	SOLP	1.1	0/0	0/0	0/0	0/0	6/2	16/5
BG2BFG (L)	462	17	11	SOLP	1.6	0/0	0/0	3/2	0/0	8/4	6/5
BH3RKB (L)	336	14	8	SOLP	1.5	0/0	0/0	1/1	1/1	9/3	3/3
BD4LB (L)	120	8	5	SOLP	0.8	0/0	0/0	1/1	0/0	3/2	4/2

BI4KKZ	12	2	2	SOLP	0.1	0/0	0/0	1/1	0/0	1/1	0/0	
BA5CW	424,215	870	165	SOUHP	19.4	0/0	9/6	117/34	201/46	298/43	245/36	
BA4TB	178,992	467	132	SOULP	14.1	0/0	3/2	52/22	140/41	197/46	75/21	
BD4QAJ	22,848	120	64	SOULP	8.3	0/0	2/2	18/12	33/25	29/15	38/10	
BA6KC (L Y)	11,844	95	42	SOUHP	4.4	0/0	1/1	4/3	14/11	28/12	48/15	
BG4NMT	5,859	65	31	SOULP	2.8	0/0	0/0	0/0	6/5	23/14	36/12	
BG1HGS	4,704	56	28	SOUHP	3.1	0/0	0/0	20/8	9/8	5/3	22/9	
BH3AGU (L)	3,960	55	24	SOULP	3.5	0/0	0/0	18/7	1/1	13/9	23/7	
BD4RHV (L)	2,904	46	22	SOULP	3.6	0/0	0/0	17/7	0/0	18/8	11/7	
BG1WNU	2,538	49	18	SOULP	5.5	0/0	0/0	2/2	0/0	16/7	31/9	
BG7TVF (Y)	2,337	49	19	SOULP	5.1	0/0	0/0	2/1	4/4	37/12	6/2	
BA5AB	1,296	24	18	SOULP	1.2	0/0	0/0	0/0	0/0	7/6	17/12	
BH6KOK	936	29	12	SOULP	1.7	0/0	0/0	0/0	0/0	10/4	19/8	
BGØEJN (BG5CZD, op) (Y)	105	7	5	SOULP	1.1	0/0	0/0	0/0	1/1	5/3	1/1	
BD1IJJ	429	14	11	SOULP-20	1.0	0/0	0/0	0/0	14/11	0/0	0/0	
BI3EI (Y)	3	1	1	SOULP-20	0.1	0/0	0/0	0/0	1/1	0/0	0/0	
BH4TQX	759	24	11	SOQRP-15	2.8	0/0	0/0	0/0	0/0	24/11	0/0	
BH3OQQ (Y)	378	19	7	SOLP-15	1.7	0/0	0/0	0/0	0/0	19/7	0/0	
BH2UBD	180	11	6	SOLP-15	0.8	0/0	0/0	0/0	0/0	11/6	0/0	
BG2GI (L)	48	5	4	SOLP-15	0.8	0/0	0/0	0/0	0/0	5/4	0/0	
BG8PM	48	4	4	SOLP-15	0.7	0/0	0/0	0/0	0/0	4/4	0/0	
BH4BFS	16,800	165	35	SOULP-15	8.1	0/0	0/0	0/0	0/0	165/35	0/0	
BG2EZM	198	11	6	SOULP-15	1.2	0/0	0/0	0/0	0/0	11/6	0/0	
BD4QA	6,624	98	23	SOLP-10	4.4	0/0	0/0	0/0	0/0	0/0	98/23	
BH3FCJ (L Y)	3,540	59	20	SOLP-10	3.2	0/0	0/0	0/0	0/0	0/0	59/20	
BD3OD	480	20	8	SOLP-10	1.9	0/0	0/0	0/0	0/0	0/0	20/8	
BH4GBC	108	10	4	SOLP-10	2.2	0/0	0/0	0/0	0/0	0/0	10/4	
BH1IZQ	30	5	2	SOLP-10	0.3	0/0	0/0	0/0	0/0	0/0	5/2	
BY1RX	10,353	125	29	SOUHP-10	2.2	0/0	0/0	0/0	0/0	0/0	125/29	
BI4VIP	7,182	122	21	SOULP-10	5.2	0/0	0/0	0/0	0/0	0/0	122/21	
BI3BX (L)	2,067	53	13	SOUHP-10	1.8	0/0	0/0	0/0	0/0	0/0	53/13	
BD7JIR (L)	1,365	36	13	SOUQRP-10	1.8	0/0	0/0	0/0	0/0	0/0	36/13	
BD7JNA	900	30	10	SOULP-10	3.4	0/0	0/0	0/0	0/0	0/0	30/10	
BG4IDK (L Y)	234	14	6	SOULP-10	1.3	0/0	0/0	0/0	0/0	0/0	14/6	
BD3CT	132	11	4	SOULP-10	0.6	0/0	0/0	0/0	0/0	0/0	11/4	
BI3SVW	90	11	3	SOULP-10	2.5	0/0	0/0	0/0	0/0	0/0	11/3	
Cyprus												
H25A (5B4AMX, op)	1,418,820	1,843	260	SOUHP	29.2	27/18	220/34	382/48	440/50	375/55	399/55	

4X6FR	638,280	1,089	197	SOUHP	18.4	0/0	0/0	344/47	262/51	227/52	256/47	
4X1ST (L)	44,640	191	80	SOULP	12.7	0/0	0/0	62/24	20/13	82/27	27/16	
4Z4KX (L)	3,135	58	19	SOULP-80	2.3	0/0	58/19	0/0	0/0	0/0	0/0	
4Z5ML	21,888	194	38	SOHP-10	7.0	0/0	0/0	0/0	0/0	0/0	194/38	
Japan												
JE6RPM (JH5GHM, op)	1,006,407	1,698	201	SOHP	42.8	4/3	29/10	199/37	468/51	565/51	433/49	
JA7FTR	761,940	1,280	204	SOHP	30.9	12/7	37/12	202/41	199/43	361/51	469/50	
JH7QXJ	631,509	1,183	181	SOHP	26.0	0/0	0/0	283/46	145/37	334/50	421/48	
JA7NVF	518,382	983	186	SOHP	29.0	4/4	11/7	159/38	169/39	289/49	351/49	
JA1BJI	482,850	881	185	SOLP	35.9	9/7	34/11	173/36	177/46	273/43	215/42	
JG1ZUY (JJ1AHS, op) (Y)	426,924	821	177	SOLP	35.0	0/0	31/11	195/40	128/39	202/44	265/43	
JA7NPV (L)	394,497	808	171	SOHP	22.5	0/0	19/10	125/29	135/41	210/43	319/48	
JJ1LBJ	315,546	694	154	SOLP	24.6	0/0	0/0	150/39	110/35	217/42	217/38	
JR1GSE	279,045	609	159	SOHP	14.8	0/0	23/9	135/38	120/36	148/34	183/42	
JA7ACM	271,329	618	149	SOHP	14.4	2/2	13/8	82/32	26/16	207/44	288/47	
JH1RNI (L)	250,650	567	150	SOHP	15.6	0/0	0/0	101/29	99/34	167/44	200/43	
JA1PNA	239,775	599	139	SOHP	15.3	0/0	0/0	194/43	40/22	171/37	194/37	
JA2AXB	236,304	563	144	SOHP	18.4	0/0	10/6	54/20	85/34	214/46	200/38	
JR3NZC	233,409	659	121	SOHP	11.0	0/0	0/0	13/7	16/15	439/55	191/44	
JH1OGC	166,860	418	135	SOQRP	26.3	2/2	24/12	85/26	63/31	107/35	137/29	
JF2FIU (L)	165,165	463	121	SOHP	14.3	0/0	4/3	31/15	88/24	155/43	185/36	
JA1TMG	141,000	381	125	SOHP	10.3	0/0	12/9	63/24	28/18	150/38	128/36	
JA7UES	133,170	408	115	SOHP	13.6	0/0	1/1	31/13	49/24	140/40	187/37	
JE5HTN (L)	114,777	341	117	SOLP	17.1	0/0	6/6	67/20	92/40	125/34	51/17	
JR2PMT	96,045	343	95	SOHP	7.0	0/0	11/8	25/14	1/1	163/35	143/37	
JH7RTQ	84,357	287	103	SOHP	15.4	0/0	0/0	13/11	95/36	75/27	104/29	
JQ1NGT (L)	80,535	304	91	SOQRP	19.4	0/0	10/7	64/14	45/14	85/31	100/25	
JQ1CIV	79,065	259	105	SOHP	8.5	0/0	6/5	35/19	39/22	111/36	68/23	
JS1KKY	74,646	288	87	SOLP	10.3	0/0	19/10	38/15	64/22	25/11	142/29	
JA2XLV	74,151	325	77	SOHP	15.8	0/0	0/0	44/14	5/4	169/34	107/25	
JO3JYE	73,188	328	76	SOLP	13.4	0/0	10/7	49/14	30/10	133/26	106/19	
JH1OLB	72,600	285	88	SOHP	12.1	0/0	5/3	19/12	23/13	130/36	108/24	
JH7UJU	71,280	272	88	SOQRP	24.0	0/0	6/5	72/15	47/20	72/24	75/24	
JA6BZI	70,434	261	91	SOHP	6.8	1/1	5/3	27/15	34/22	150/35	44/15	
JR4DAH	64,500	252	86	SOQRP	18.4	0/0	4/2	42/15	51/28	76/22	79/19	
JS1NDM (L)	63,246	271	83	SOHP	6.2	0/0	0/0	7/6	13/8	104/32	147/37	
JA8RUZ	59,262	248	83	SOHP	8.5	0/0	4/3	23/9	18/13	111/31	92/27	
JA3AVO	53,088	224	79	SOHP	9.7	0/0	8/6	22/10	29/14	72/28	93/21	
JO4MTH	49,980	247	68	SOLP	17.9	0/0	4/3	73/19	14/7	71/21	85/18	
JJØPJD	48,462	198	82	SOLP	14.5	0/0	9/8	33/13	25/15	53/22	78/24	
JK8PBO	45,828	204	76	SOLP	8.7	0/0	3/3	27/10	14/10	69/29	91/24	
JK1OLT	44,460	201	76	SOLP	5.9	0/0	0/0	38/17	15/9	41/19	107/31	
JM8LND	44,457	205	73	SOLP	12.8	0/0	0/0	20/9	36/18	77/27	72/19	
JH7VTE	43,890	193	77	SOLP	9.6	0/0	5/3	26/10	25/17	61/21	76/26	
JHØOXS	42,525	190	75	SOQRP	12.2	0/0	6/5	40/14	33/17	53/21	58/18	

JR7AQL	38,406	176	74	SOLP	12.9	0/0	0/0	27/11	35/21	42/17	72/25
JA4DLF	37,185	193	67	SOHP	11.0	0/0	0/0	0/0	66/26	63/22	64/19
JH9FCP	36,540	180	70	SOHP	6.6	1/1	11/7	26/13	7/5	58/21	77/23
7K1CPT	35,319	195	61	SOLP	3.2	0/0	0/0	0/0	0/0	75/28	120/33
JR3KQJ	34,176	184	64	SOHP	3.4	0/0	0/0	0/0	10/8	60/23	114/33
JAØBJY	32,640	172	64	SOLP	5.4	0/0	0/0	16/10	5/4	76/25	75/25
JA4VNE	30,624	182	58	SOHP	11.5	0/0	9/7	23/10	14/7	75/20	61/14
JS2KWL	30,012	164	61	SOHP	11.9	0/0	10/8	33/11	11/6	50/18	60/18
7K1III (L)	29,463	171	61	SOHP	13.1	0/0	8/5	38/13	10/8	52/17	63/18
JF1LMB	27,999	157	61	SOHP	8.5	0/0	4/2	27/13	18/10	31/12	77/24
JlØVIF	26,100	157	58	SOLP	10.7	0/0	0/0	26/11	8/8	63/22	60/17
JK1FNL (L)	25,872	156	56	SOHP	5.0	0/0	0/0	16/11	4/4	69/22	67/19
JJ2CDL	25,632	178	48	SOLP	11.5	0/0	5/3	40/12	0/0	53/13	80/20
JA2EMP	25,071	143	61	SOHP	8.1	0/0	0/0	31/15	32/16	30/11	50/19
JA6FFK	25,056	147	58	SOHP	11.6	0/0	13/9	28/11	15/13	38/13	53/12
JA6BWH	24,708	144	58	SOHP	8.4	0/0	8/6	39/13	30/19	23/10	44/10
JM8RWJ	24,327	166	51	SOLP	8.9	0/0	0/0	20/10	18/9	47/13	81/19
JJ1QLT	22,464	146	52	SOHP	6.0	0/0	0/0	40/12	15/10	24/10	67/20
JM8FEI (L)	22,185	146	51	SOLP	11.5	0/0	8/5	23/10	30/14	43/11	42/11
JA1BBC	21,888	132	57	SOHP	11.4	0/0	13/8	25/11	11/8	33/15	50/15
JEØUXR	21,417	123	59	SOLP	6.3	0/0	4/4	20/9	7/7	32/15	60/24
8N5N	21,285	133	55	SOHP	5.5	0/0	9/6	26/10	11/11	39/15	48/13
JA5ICH	20,790	128	55	SOHP	10.9	0/0	1/1	19/10	23/12	31/14	54/18
JL1EUP	20,655	136	51	SOLP	9.7	0/0	6/5	31/12	0/0	36/14	63/20
JH9CEN	20,340	114	60	SOHP	7.6	0/0	7/5	21/10	22/14	22/12	42/19
JN1GFR	20,250	125	54	SOLP	7.3	0/0	0/0	18/9	34/15	28/14	45/16
JA2NPS	19,458	142	46	SOHP	7.7	0/0	0/0	50/13	8/4	43/17	41/12
JF2BDK	19,188	125	52	SOLP	11.9	0/0	4/2	27/12	21/13	33/13	40/12
JA2KKA (L)	18,765	140	45	SOLP	10.1	0/0	0/0	29/12	10/7	18/8	83/18
JJ1VFE	18,564	120	52	SOHP	4.2	0/0	0/0	16/9	10/4	34/16	60/23
JH7IQQ (L)	18,297	117	57	SOLP	7.5	0/0	9/7	14/8	6/6	34/18	54/18
JE1QHP	17,280	123	48	SOHP	8.2	0/0	6/4	17/9	0/0	48/16	52/19
JR6IKD	16,500	105	55	SOHP	5.8	0/0	10/8	24/12	1/1	52/23	18/11
JE2OTM (L)	16,377	105	53	SOHP	7.0	0/0	9/7	20/10	12/11	16/12	48/13
7K1MAG/2	16,125	126	43	SOLP	6.0	0/0	0/0	0/0	6/6	67/21	53/16
JK1NSR	15,996	129	43	SOLP	10.1	0/0	0/0	0/0	13/6	54/21	62/16
JH7IXX (L)	15,990	133	41	SOLP	13.9	0/0	3/2	49/10	26/10	2/1	53/18
JK1JAS (L)	15,651	116	47	SOLP	9.3	0/0	1/1	35/12	23/11	35/13	22/10
7M3LDC (L)	15,480	124	43	SOLP	9.4	0/0	4/3	29/11	14/7	11/6	66/16
JA7MCB	15,228	109	47	SOLP	9.5	0/0	0/0	16/9	13/8	41/13	39/17
JA2FXV (L)	15,093	117	43	SOLP	8.1	0/0	2/2	15/9	1/1	46/16	53/15
JH6RON	14,664	98	52	SOLP	9.7	1/1	13/9	27/14	7/5	27/13	23/10
JR1MEG	14,520	123	40	SOLP	9.4	0/0	0/0	32/12	7/4	13/7	71/17
JR1AQI	14,490	115	42	SOLP	4.4	0/0	0/0	0/0	16/8	41/15	58/19
JS1DEH	14,400	106	48	SOHP	7.0	0/0	0/0	0/0	4/3	43/20	59/25

JG2LGM	14,388	110	44	SOLP	7.2	0/0	0/0	22/12	0/0	34/17	54/15	
JJ3QJI	14,190	110	43	SOLP	7.6	0/0	5/4	22/10	12/7	21/8	50/14	
JG1LHB	14,175	107	45	SOHP	7.1	0/0	0/0	20/10	13/8	30/12	44/15	
JE1RRK (L)	14,124	110	44	SOLP	7.2	0/0	0/0	23/12	0/0	40/18	47/14	
JF1WNT	14,061	111	43	SOLP	8.9	0/0	0/0	26/11	10/5	27/10	48/17	
7N2TRM	13,674	109	43	SOLP	6.4	0/0	4/3	17/10	0/0	31/15	57/15	
JHØDAY	13,284	88	54	SOLP	4.6	2/2	8/7	17/8	11/5	25/18	25/14	
JM1VNJ	13,230	103	45	SOLP	5.8	0/0	0/0	22/10	5/5	27/10	49/20	
JR1NKN (L)	13,230	126	35	SOQRP	10.1	0/0	0/0	0/0	5/2	52/15	69/18	
JK1RSJ (L)	13,200	110	40	SOLP	8.6	0/0	0/0	29/12	0/0	26/11	55/17	
JG2RFJ	13,068	100	44	SOLP	7.0	0/0	0/0	20/10	4/4	28/12	48/18	
JAØXQO/1	12,987	117	39	SOLP	4.8	0/0	0/0	11/8	0/0	17/7	89/24	
JAØJHQ	11,880	90	44	SOHP	5.1	0/0	11/9	17/10	9/4	14/8	39/13	
JR9CPT	11,880	88	45	SOHP	7.0	0/0	0/0	23/12	8/6	19/11	38/16	
JA3JM	11,640	99	40	SOLP	5.7	0/0	0/0	24/10	12/6	31/14	32/10	
JL1CNY	11,544	107	37	SOHP	2.3	0/0	0/0	49/15	0/0	56/20	2/2	
JH3FTZ	11,160	97	40	SOLP	9.1	0/0	0/0	13/9	14/5	19/9	51/17	
JJØUIF	10,998	97	39	SOHP	10.5	0/0	0/0	35/13	9/8	53/18	0/0	
JK1QDZ	10,998	92	47	SOLP	12.1	0/0	1/1	25/13	8/6	26/13	32/14	
JA7BEW	10,488	97	38	SOLP	6.9	0/0	6/4	24/11	1/1	5/4	61/18	
JF1HAJ	10,395	105	33	SOLP	8.4	0/0	0/0	23/10	0/0	36/11	46/12	
JR1ATA (L)	10,320	87	40	SOLP	7.7	0/0	0/0	14/9	8/6	26/10	39/15	
JA1KIH	10,260	91	38	SOHP	1.9	0/0	0/0	14/10	0/0	0/0	77/28	
JO1WIZ (L)	10,152	94	36	SOLP	5.5	0/0	0/0	12/9	2/1	27/11	53/15	
JH1VHU	10,143	72	49	SOHP	4.5	0/0	0/0	0/0	23/16	25/16	24/17	
JR1NHD	10,062	80	43	SOHP	2.6	0/0	0/0	18/12	0/0	18/12	44/19	
JM4WUZ	9,711	83	39	SOHP	3.7	0/0	0/0	12/7	23/11	31/13	17/8	
JA3NUT	9,504	100	33	SOLP	9.2	0/0	1/1	20/10	0/0	36/11	43/11	
JJØTWX (L)	9,435	85	37	SOLP	7.6	0/0	2/1	15/9	1/1	30/12	37/14	
JM1PIH	9,360	81	39	SOHP	3.4	0/0	0/0	6/4	0/0	43/20	32/15	
JE8UHY	8,748	81	36	SOLP	5.2	0/0	0/0	13/8	13/7	17/10	38/11	
JE6WGT	8,352	88	32	SOHP	4.7	0/0	0/0	14/7	2/2	32/9	40/14	
JA2KPW	8,160	86	32	SOHP	4.9	0/0	0/0	19/10	2/2	27/11	38/9	
JA9EJG (L)	7,956	79	34	SOLP	5.6	0/0	4/3	18/10	1/1	7/5	49/15	
JJ2KUJ	7,626	65	41	SOHP	3.7	0/0	0/0	0/0	14/14	30/16	21/11	
JK1EVU	7,344	80	34	SOLP	5.7	0/0	1/1	20/10	6/3	18/8	35/12	
JH1UES	7,296	66	38	SOLP	4.2	0/0	7/6	16/10	3/3	21/11	19/8	
JK7UST	7,104	64	37	SOQRP	3.7	0/0	0/0	18/11	9/5	24/13	13/8	
JA4LCI	6,960	81	29	SOLP	4.9	0/0	0/0	0/0	8/7	26/10	47/12	
JA4MLR	6,417	75	31	SOLP	10.3	0/0	0/0	10/7	5/4	19/6	41/14	
JM3FUW	6,327	59	37	SOLP	4.3	0/0	5/5	8/6	6/5	13/10	27/11	
JH4NJQ	6,216	75	28	SOLP	6.0	0/0	4/3	20/10	2/1	23/8	26/6	
JG1WKM	6,120	69	30	SOQRP	4.0	0/0	0/0	15/8	1/1	23/11	30/10	
JM1BNF	5,952	63	32	SOLP	6.3	0/0	0/0	21/11	9/6	6/4	27/11	
JA2VZL	5,832	74	27	SOLP	4.2	0/0	0/0	0/0	1/1	28/12	45/14	

JQ3ALW	5,394	62	29	SOHP	3.2	0/0	0/0	26/11	6/4	24/9	6/5
JL1FAR	5,220	60	29	SOLP	2.3	0/0	0/0	7/6	5/3	13/6	35/14
JQ3IXG	5,208	63	28	SOLP	5.6	0/0	0/0	13/8	0/0	14/8	36/12
JH1DJD	5,202	56	34	SOLP	4.6	0/0	0/0	19/11	7/6	13/9	17/8
JM1XBD	4,950	55	30	SOLP	5.1	0/0	2/1	19/11	8/5	3/3	23/10
JA8HBO (L)	4,860	55	30	SOLP	6.6	0/0	0/0	14/9	1/1	21/12	19/8
JH1USR (L)	4,758	61	26	SOLP	5.3	0/0	0/0	0/0	0/0	23/10	38/16
JRØSYV	4,437	53	29	SOLP	7.2	0/0	6/4	8/4	6/4	17/9	16/8
JA1SKE	4,410	49	30	SOHP	2.0	0/0	7/6	13/8	2/2	12/8	15/6
JK3NQV (L)	4,212	54	27	SOHP	6.2	0/0	0/0	10/6	4/3	13/7	27/11
JO1QNO	4,140	46	30	SOHP	3.7	0/0	0/0	14/10	6/6	26/14	0/0
JH1JJV	4,131	52	27	SOLP	4.8	0/0	0/0	12/8	3/3	24/10	13/6
JE3PTA	4,116	50	28	SOLP	4.2	0/0	0/0	24/11	9/8	7/5	10/4
7K1PYG	4,050	49	30	SOLP	2.9	0/0	0/0	8/7	8/5	22/10	11/8
JA7LLL	3,948	48	28	SOLP	2.8	0/0	0/0	17/9	31/19	0/0	0/0
JO4MJU	3,744	53	24	SOLP	4.8	0/0	0/0	19/10	1/1	29/10	4/3
JA2YAK	3,672	59	24	SOHP	2.8	0/0	0/0	0/0	0/0	3/3	56/21
JA1OHP (L)	3,450	47	25	SOLP	2.5	0/0	0/0	11/7	0/0	16/9	20/9
JR2VFJ (L)	3,402	42	27	SOHP	2.2	0/0	0/0	1/1	0/0	18/15	23/11
JG1KZL (L)	3,321	46	27	SOLP	5.4	0/0	4/2	11/9	3/2	18/8	10/6
JK1EJP	3,240	45	24	SOLP	4.3	0/0	0/0	8/5	0/0	17/8	20/11
JE8ATX	3,045	36	29	SOLP	2.3	1/1	3/3	12/9	3/3	13/10	4/3
JG1OGM	3,042	40	26	SOHP	1.8	2/2	5/4	0/0	12/7	21/13	0/0
JM8SEI	2,835	45	21	SOLP	5.0	0/0	0/0	3/3	4/2	11/6	27/10
7K1JFM	2,772	42	22	SOLP	2.3	0/0	0/0	24/10	3/3	10/8	5/1
JH8CXW (L)	2,565	45	19	SOLP	2.8	0/0	0/0	0/0	3/2	19/8	23/9
JF1GZZ/1	2,394	41	21	SOQRP	4.1	0/0	6/4	10/6	0/0	0/0	25/11
JH1SAR (L)	2,376	38	22	SOLP	4.9	0/0	0/0	11/8	1/1	9/6	17/7
JR3KSL	2,280	40	19	SOLP	3.6	0/0	0/0	25/10	0/0	11/6	4/3
JH4LGA (L)	2,268	44	18	SOLP	5.4	0/0	0/0	18/8	0/0	26/10	0/0
JF4XUT	2,214	42	18	SOLP	3.2	0/0	0/0	13/7	0/0	29/11	0/0
JF6CYD (L)	2,166	39	19	SOLP	3.1	0/0	0/0	2/2	1/1	13/7	23/9
JA1WQX	2,160	37	20	SOLP	3.2	0/0	0/0	15/9	0/0	10/5	12/6
JK1RWO (L)	2,160	36	20	SOLP	2.7	0/0	0/0	8/4	0/0	14/8	14/8
JA7ODY	2,100	36	20	SOHP	3.1	0/0	0/0	17/8	1/1	9/5	9/6
7L3KJV (L)	1,995	35	19	SOLP	1.7	0/0	0/0	0/0	0/0	14/7	21/12
JA1BJT	1,980	33	20	SOLP	1.5	0/0	0/0	15/9	0/0	13/8	5/3
JH1TJH	1,980	34	20	SOLP	1.8	0/0	0/0	0/0	2/1	12/8	20/11
JE7SRK	1,944	36	18	SOLP	2.6	0/0	0/0	11/8	0/0	5/3	20/7
JR3UIC	1,890	33	21	SOHP	1.6	1/1	5/4	8/4	4/2	9/6	6/4
JM1LDV (L)	1,887	37	17	SOQRP	3.2	0/0	0/0	0/0	2/2	15/7	20/8
JK1ESR	1,782	34	18	SOQRP	3.4	0/0	0/0	23/11	0/0	11/7	0/0
JL1GPG (L)	1,740	29	20	SOHP	2.0	0/0	0/0	11/6	10/8	8/6	0/0
JF1WAM (L)	1,728	33	18	SOLP	2.0	0/0	0/0	7/6	0/0	7/4	19/8
JL3RDC (L)	1,728	36	16	SOHP	2.1	0/0	0/0	0/0	0/0	14/8	22/8

JM1KNI	1,710	32	19	SOLP	1.2	0/0	0/0	12/8	0/0	10/6	10/5	
JF1VNR	1,680	31	20	SOLP	1.7	0/0	1/1	9/7	2/2	18/9	1/1	
JE1GUU	1,674	32	18	SOLP	2.3	0/0	0/0	19/10	0/0	5/5	8/3	
JG1TGQ	1,632	32	17	SOHP	2.3	0/0	3/3	8/4	0/0	7/4	14/6	
JL1AQA	1,620	31	18	SOLP	3.0	0/0	0/0	9/6	0/0	8/4	14/8	
JH1NLF	1,530	42	15	SOLP	4.2	0/0	0/0	3/2	0/0	39/13	0/0	
JF9QCX	1,344	28	16	SOQRP	1.7	0/0	0/0	9/6	4/1	4/3	11/6	
JH4HVL	1,254	27	19	SOLP	4.4	0/0	0/0	9/7	3/3	12/6	3/3	
JA4GQD	1,215	30	15	SOLP	1.4	0/0	0/0	17/7	1/1	0/0	12/7	
JP2XYT	1,134	27	14	SOHP	0.6	0/0	0/0	0/0	3/2	9/6	15/6	
JA1GZK (L)	1,092	26	14	SOLP	1.3	0/0	0/0	4/3	0/0	9/5	13/6	
JA1UOA	1,050	25	14	SOHP	1.0	0/0	0/0	0/0	2/2	9/5	14/7	
JH6DUI	1,014	27	13	SOLP	3.3	0/0	0/0	0/0	0/0	18/8	9/5	
JJ1DGW (JJ2TKX, op)	1,008	25	14	SOLP	2.4	0/0	0/0	19/10	0/0	0/0	6/4	
JK1VMC	990	23	15	SOLP	1.1	0/0	0/0	10/7	0/0	0/0	13/8	
JA2ODB	924	22	14	SOLP	0.9	0/0	0/0	0/0	0/0	3/2	19/12	
JM1OFJ (L)	924	24	14	SOLP	2.5	0/0	0/0	0/0	1/1	19/9	4/4	
JG1UQD	897	23	13	SOLP	2.0	0/0	5/4	18/9	0/0	0/0	0/0	
JL3AYP	819	22	13	SOLP	4.5	0/0	0/0	0/0	7/6	15/7	0/0	
JE2QHK	798	20	14	SOQRP	1.7	0/0	0/0	10/7	0/0	0/0	10/7	
JH4PUS	798	19	14	SOHP	2.7	0/0	0/0	10/6	0/0	7/6	2/2	
JL2TAW	792	22	12	SOLP	1.1	0/0	0/0	14/8	0/0	8/4	0/0	
JR1DVB (L)	780	20	13	SOLP	1.8	0/0	3/3	17/10	0/0	0/0	0/0	
JE2PHJ	684	23	12	SOLP	2.9	0/0	0/0	0/0	3/3	20/9	0/0	
JA1SCE	600	20	10	SOLP	0.6	0/0	0/0	0/0	0/0	10/5	10/5	
JH4OHD	576	19	12	SOLP	2.0	0/0	0/0	9/6	5/3	5/3	0/0	
JH1RRP	429	14	11	SOLP	0.6	0/0	0/0	0/0	1/1	13/10	0/0	
JJ1AEP	324	12	9	SOQRP	0.8	0/0	0/0	10/7	0/0	0/0	2/2	
JN1FAO	264	12	8	SOLP	0.9	0/0	0/0	8/5	0/0	4/3	0/0	
JS1YRN	264	13	8	SOLP	1.1	0/0	0/0	8/5	0/0	5/3	0/0	
JH8IYN	240	14	8	SOLP	0.7	0/0	0/0	0/0	0/0	10/6	4/2	
JA5NSR	231	11	7	SOLP	0.5	0/0	3/3	5/3	0/0	3/1	0/0	
JR2LBF	180	11	6	SOLP	0.6	0/0	0/0	0/0	0/0	8/4	3/2	
JS2MYR	147	8	7	SOLP	0.6	0/0	0/0	3/3	0/0	2/2	3/2	
JJØXWS	144	8	6	SOQRP	0.7	0/0	0/0	0/0	0/0	4/4	4/2	
JK1SFP (L)	108	7	6	SOLP	0.5	0/0	0/0	1/1	2/2	4/3	0/0	
JF4IET	48	4	4	SOLP	0.3	0/0	0/0	1/1	1/1	1/1	1/1	
JA2JWH (L)	36	5	4	SOLP	1.2	0/0	0/0	0/0	5/4	0/0	0/0	
JA7KED	36	4	3	SOLP	0.6	0/0	0/0	0/0	0/0	2/1	2/2	
JR1JRW	12	2	2	SOLP	0.1	0/0	0/0	0/0	0/0	1/1	1/1	
JR2GRX	1,482,741	2,058	247	SOUHP	40.8	14/8	114/25	369/49	533/58	554/55	474/52	
JF1NHD	1,025,136	1,611	216	SOUHP	32.8	4/4	74/13	393/49	315/46	425/55	400/49	
JE1LFX	815,100	1,331	209	SOUHP	31.8	0/0	20/9	308/49	234/48	353/53	416/50	
JAØFVU	618,144	1,115	188	SOUHP	27.2	1/1	25/12	134/32	223/46	304/50	428/47	
JF7PHE	543,777	972	191	SOUHP	28.6	5/4	15/9	123/30	201/48	268/51	360/49	

JF1UOX	405,060	799	172	SOUHP	17.5	0/0	2/2	138/41	99/37	225/45	335/47	
JH1EAQ	392,544	762	174	SOULP	24.6	0/0	28/11	159/34	90/34	220/47	265/48	
JK2RCP	314,736	666	158	SOULP	30.2	1/1	18/11	88/19	133/41	221/44	205/42	
JG1LFR	306,228	679	151	SOULP	32.7	0/0	39/12	116/23	130/39	183/38	211/39	
JF3IPR	147,660	435	115	SOUHP	10.1	3/2	7/5	39/14	72/16	151/41	163/37	
JN1THL	141,351	381	127	SOUHP	8.6	0/0	9/6	61/23	58/27	131/40	122/31	
JA2KVB	126,360	366	117	SOULP	14.9	0/0	8/7	52/19	83/32	93/30	130/29	
JG6JAV	125,856	379	114	SOULP	22.1	1/1	12/8	99/26	74/33	71/24	122/22	
JM7SKE	107,856	330	112	SOUHP	10.7	0/0	0/0	20/10	62/26	118/40	130/36	
JA1IAZ	105,576	336	106	SOULP	8.8	0/0	5/3	39/14	25/15	92/37	175/37	
JN3DSH	105,144	341	104	SOULP	16.1	0/0	7/5	40/14	48/25	100/28	146/32	
JK1HIX	95,790	311	103	SOUHP	8.9	0/0	12/9	44/17	22/15	87/27	146/35	
JJØVWL	92,925	296	105	SOUHP	7.9	3/2	8/7	128/31	51/25	40/19	66/21	
7K4VPV	90,720	318	96	SOUHP	12.3	0/0	0/0	35/13	43/19	109/36	131/28	
JHØNEC	87,612	300	98	SOULP	8.4	0/0	9/7	45/16	11/9	85/31	150/35	
JJ1HFJ	77,520	273	95	SOULP	14.7	0/0	6/4	27/11	41/17	85/31	114/32	
JA1MZM	76,608	269	96	SOULP	6.0	0/0	8/6	11/7	29/16	99/34	122/33	
JJ1FOE	73,728	268	96	SOUHP	16.2	0/0	13/9	72/22	52/27	46/15	85/23	
JK2VOC	63,072	294	72	SOULP	14.4	0/0	1/1	35/12	75/20	79/17	104/22	
JA8RWU (L)	58,536	272	72	SOULP	19.9	0/0	7/5	57/11	44/13	70/21	94/22	
JH1JNJ	47,940	200	85	SOUHP	5.5	0/0	0/0	46/17	40/18	63/27	51/23	
JG1XIO	46,872	220	72	SOULP	11.6	0/0	11/8	20/9	30/14	95/25	64/16	
JHØGHZ	44,571	180	83	SOUHP	9.2	0/0	11/7	37/24	0/0	28/19	104/33	
JP3WEL (JG1EIQ, op) (L)	44,265	228	65	SOULP	11.7	0/0	0/0	35/11	34/16	64/17	95/21	
JQ3BAV	37,440	197	64	SOUHP	13.3	0/0	5/4	35/13	23/14	40/13	94/20	
JH6OPP	36,261	154	79	SOULP	7.4	0/0	5/4	29/12	23/19	47/25	50/19	
JE6QQN	35,784	173	71	SOUHP	8.2	0/0	7/5	17/10	42/21	55/21	52/14	
JF2BNG	34,056	173	66	SOUHP	3.5	0/0	4/3	9/7	18/10	99/29	43/17	
JH4CES	29,574	159	62	SOUQRP	9.7	1/1	13/9	29/13	25/12	33/11	58/16	
JK2XXK	28,545	178	55	SOULP	4.1	0/0	0/0	0/0	10/8	85/22	83/25	
JA1ILA	26,550	121	75	SOUHP	4.5	2/2	9/6	15/11	22/15	41/23	32/18	
JH4OYD	24,252	176	47	SOUHP	14.3	0/0	0/0	52/15	0/0	63/18	61/14	
JA7SUR	23,265	144	55	SOULP	13.2	0/0	7/5	27/11	20/12	31/12	59/15	
JA1GQC	22,701	163	47	SOULP	5.9	0/0	2/1	6/4	44/15	0/0	111/27	
JE2LUN	22,620	120	65	SOUHP	6.5	0/0	4/3	26/16	8/7	39/20	43/19	
JJ1EPE	21,546	136	54	SOUHP	7.1	0/0	5/3	28/12	23/12	18/9	62/18	
JA9LX	21,450	132	55	SOULP	8.7	0/0	0/0	23/10	23/14	39/14	47/17	
JF3EIG	20,646	111	62	SOULP	5.1	0/0	6/4	21/12	24/19	29/15	31/12	
JH1CTV (L)	18,078	132	46	SOUHP	4.8	0/0	1/1	32/11	6/5	42/14	51/15	
JA2PFO	17,877	104	59	SOUHP	4.6	0/0	0/0	24/11	12/12	34/20	34/16	
JH1BNC	16,218	107	51	SOULP	4.8	0/0	0/0	22/15	0/0	0/0	85/36	
JQ1TIV	16,200	109	50	SOUHP	2.1	0/0	9/7	21/13	20/9	2/2	57/19	
JK1BQC	14,850	100	50	SOULP	8.2	0/0	6/5	35/13	15/11	26/13	18/8	
JRØRBY	14,787	95	53	SOUHP	3.4	1/1	0/0	15/10	7/6	28/15	44/21	
JL1JJD	14,490	109	46	SOUHP	6.8	0/0	4/2	32/12	10/7	50/17	13/8	

JA2HYD	13,545	105	43	SOUHP	4.1	0/0	5/4	22/11	2/2	30/14	46/12	
JG1GOY (L)	13,407	109	41	SOULP	8.5	0/0	0/0	0/0	0/0	40/13	69/28	
JK1DVP	12,384	96	43	SOULP	2.1	0/0	3/2	13/9	0/0	20/12	60/20	
JK1TCV (L)	11,433	105	37	SOUQRP	6.2	0/0	0/0	0/0	7/5	48/18	50/14	
JE6LZN (L)	10,545	96	37	SOULP	7.2	0/0	5/4	23/10	3/3	29/9	36/11	
JF2SKV	9,828	87	39	SOULP	5.3	0/0	0/0	23/9	9/6	22/11	33/13	
JA2QVP	9,417	73	43	SOULP	2.6	0/0	7/6	7/6	8/5	23/12	28/14	
JA7GYP	8,979	76	41	SOUHP	4.6	0/0	0/0	33/13	30/19	0/0	13/9	
JJ1PBK	8,820	99	30	SOUHP	5.2	0/0	0/0	0/0	0/0	42/15	57/15	
JE7LHT	7,455	73	35	SOULP	5.2	0/0	0/0	27/16	0/0	0/0	46/19	
JQ1UCG (L)	6,873	89	29	SOULP	7.6	0/0	5/3	45/12	2/2	37/12	0/0	
JRØELG	6,384	57	38	SOULP	2.6	0/0	2/2	4/4	1/1	17/11	33/20	
JR6KBF (L)	6,300	86	25	SOULP	3.2	0/0	0/0	0/0	0/0	33/13	53/12	
JK1AXB (L)	6,216	74	28	SOULP	7.4	0/0	0/0	35/12	0/0	11/7	28/9	
JE8PHS (L)	5,712	58	34	SOULP	5.3	0/0	5/4	29/13	5/5	13/8	6/4	
JJ1ONK	5,589	69	27	SOULP	8.2	0/0	0/0	23/9	3/1	14/5	29/12	
JH2LMH	5,580	60	31	SOULP	6.8	0/0	0/0	24/12	0/0	15/9	21/10	
JA1UXV (L)	5,346	68	27	SOULP	2.2	0/0	0/0	0/0	0/0	19/12	49/15	
JA3VOV	4,860	55	30	SOUHP	3.5	0/0	0/0	19/11	4/3	13/9	19/7	
JG6OZC	4,032	49	28	SOUHP	1.2	0/0	0/0	0/0	0/0	38/21	11/7	
JG2NXV	3,132	36	29	SOUHP	3.2	0/0	0/0	3/3	18/14	4/3	11/9	
JE3OUU	2,394	43	19	SOULP	2.3	0/0	0/0	6/4	1/1	10/6	26/8	
JJ1HSV (L)	2,220	39	20	SOULP	2.1	0/0	0/0	0/0	0/0	16/9	23/11	
JF1MIA	2,100	38	20	SOULP	2.8	0/0	0/0	9/7	0/0	6/4	23/9	
JA1CUF	1,368	24	19	SOULP	0.9	0/0	0/0	8/7	0/0	4/3	12/9	
JL7BWM	1,188	26	18	SOUHP	3.6	0/0	0/0	0/0	12/7	7/6	7/5	
JO4CFV	960	21	16	SOUHP	0.7	0/0	1/1	14/9	4/4	1/1	1/1	
JL7GGH (L)	858	23	13	SOUHP	3.6	0/0	0/0	0/0	0/0	3/3	20/10	
JA4ENY	720	21	12	SOULP	1.7	0/0	0/0	0/0	0/0	15/7	6/5	
JJ1UBX	330	14	10	SOULP	1.9	0/0	0/0	0/0	5/5	6/4	3/1	
JN1KMI	297	11	9	SOULP	1.2	0/0	6/5	5/4	0/0	0/0	0/0	
JE1SPY (L)	759	23	11	SOLP-160	2.6	23/11	0/0	0/0	0/0	0/0	0/0	
JF1AMX	1,638	42	13	SOUHP-160	5.1	42/13	0/0	0/0	0/0	0/0	0/0	
JH1BBT	105	7	5	SOULP-160	1.7	7/5	0/0	0/0	0/0	0/0	0/0	
JH7XMO	1,440	41	12	SOHP-80	3.6	0/0	41/12	0/0	0/0	0/0	0/0	
JJ1VRO	1,326	34	13	SOLP-80	6.6	0/0	34/13	0/0	0/0	0/0	0/0	
JA1SVP	870	29	10	SOLP-80	2.5	0/0	29/10	0/0	0/0	0/0	0/0	
JA3BXF	540	18	10	SOLP-80	1.2	0/0	18/10	0/0	0/0	0/0	0/0	
JE1PMQ	540	19	10	SOHP-80	2.2	0/0	19/10	0/0	0/0	0/0	0/0	
JE1TSD	378	14	9	SOLP-80	0.9	0/0	14/9	0/0	0/0	0/0	0/0	
JH2KKW	378	14	9	SOHP-80	0.9	0/0	14/9	0/0	0/0	0/0	0/0	
JA8DNV	297	13	9	SOHP-80	2.9	0/0	13/9	0/0	0/0	0/0	0/0	
JGØEXP	252	12	7	SOLP-80	1.1	0/0	12/7	0/0	0/0	0/0	0/0	
JH4HMG	189	10	7	SOHP-80	0.5	0/0	10/7	0/0	0/0	0/0	0/0	
JE3AKU (L)	36	4	3	SOQRP-80	2.0	0/0	4/3	0/0	0/0	0/0	0/0	

J11LET	924	28	11	SOUHP-80	3.5	0/0	28/11	0/0	0/0	0/0	0/0	
JS1OYN	26,190	200	45	SOHP-40	7.6	0/0	0/0	200/45	0/0	0/0	0/0	
JA6SHL	3,978	79	17	SOQRP-40	6.8	0/0	0/0	79/17	0/0	0/0	0/0	
JR1ABS	1,521	39	13	SOQRP-40	3.5	0/0	0/0	39/13	0/0	0/0	0/0	
JH3FUK	1,428	33	17	SOHP-40	2.7	0/0	0/0	33/17	0/0	0/0	0/0	
JA2YKA (Y)	1,188	33	12	SOLP-40	2.6	0/0	0/0	33/12	0/0	0/0	0/0	
JA5CBU	405	15	9	SOLP-40	0.9	0/0	0/0	15/9	0/0	0/0	0/0	
JM1TQH (L)	330	11	10	SOLP-40	1.1	0/0	0/0	11/10	0/0	0/0	0/0	
JH1HMC	297	11	9	SOLP-40	1.2	0/0	0/0	11/9	0/0	0/0	0/0	
JE2KUC	264	11	8	SOHP-40	0.9	0/0	0/0	11/8	0/0	0/0	0/0	
JA3GZE/1 (L)	189	9	7	SOLP-40	1.2	0/0	0/0	9/7	0/0	0/0	0/0	
JR7ASO (L)	126	7	6	SOLP-40	0.1	0/0	0/0	7/6	0/0	0/0	0/0	
7L3SQL (JH3LCU, op) (L)	75	5	5	SOQRP-40	1.8	0/0	0/0	5/5	0/0	0/0	0/0	
JR3KAH	54	7	3	SOLP-40	0.5	0/0	0/0	7/3	0/0	0/0	0/0	
JK1DAS	27	3	3	SOLP-40	0.5	0/0	0/0	3/3	0/0	0/0	0/0	
JG3DHN	18	3	3	SOQRP-40	0.1	0/0	0/0	3/3	0/0	0/0	0/0	
JK1NIF	18	3	2	SOLP-40	0.1	0/0	0/0	3/2	0/0	0/0	0/0	
JFØIUN	3	1	1	SOLP-40	0.1	0/0	0/0	1/1	0/0	0/0	0/0	
JH1NXU (L)	3	1	1	SOLP-40	0.1	0/0	0/0	1/1	0/0	0/0	0/0	
JJØWNL/1 (L)	0	0	0	SOLP-40	0.1	0/0	0/0	0/0	0/0	0/0	0/0	
JN4MMO	30,096	230	44	SOUHP-40	24.7	0/0	0/0	230/44	0/0	0/0	0/0	
JA1TBA	5,544	79	24	SOUHP-40	9.1	0/0	0/0	79/24	0/0	0/0	0/0	
JJ1AEB (L)	2,688	60	16	SOULP-40	8.2	0/0	0/0	60/16	0/0	0/0	0/0	
JG2CNZ (L)	2,058	51	14	SOUHP-40	5.4	0/0	0/0	51/14	0/0	0/0	0/0	
JH9DRL	1,440	30	16	SOULP-40	5.1	0/0	0/0	30/16	0/0	0/0	0/0	
JR4VEV	1,053	27	13	SOUHP-40	5.1	0/0	0/0	27/13	0/0	0/0	0/0	
JE3VRJ	630	21	10	SOUHP-40	2.1	0/0	0/0	21/10	0/0	0/0	0/0	
JH3DMQ (L)	513	20	9	SOUQRP-40	2.1	0/0	0/0	20/9	0/0	0/0	0/0	
JR1LQK (L)	459	17	9	SOULP-40	2.0	0/0	0/0	17/9	0/0	0/0	0/0	
JQ7EBU (Y)	144	9	6	SOULP-40	0.6	0/0	0/0	9/6	0/0	0/0	0/0	
JA1PTO	18	3	2	SOUHP-40	0.1	0/0	0/0	3/2	0/0	0/0	0/0	
JA9CWJ	11,556	110	36	SOHP-20	10.5	0/0	0/0	0/0	110/36	0/0	0/0	
JJ3TBB (L)	1,200	25	16	SOLP-20	12.1	0/0	0/0	0/0	25/16	0/0	0/0	
JK1AXI (L)	288	15	8	SOLP-20	2.4	0/0	0/0	0/0	15/8	0/0	0/0	
JHØEPI	108	6	6	SOLP-20	1.1	0/0	0/0	0/0	6/6	0/0	0/0	
JL1OOD (L)	108	6	6	SOLP-20	0.2	0/0	0/0	0/0	6/6	0/0	0/0	
JJØPKS (JH7PKU, op)	99,354	584	58	SOUHP-20	23.9	0/0	0/0	0/0	584/58	0/0	0/0	
7K4XNN	76,479	512	53	SOHP-15	13.7	0/0	0/0	0/0	0/0	512/53	0/0	
J17NUF	30,510	231	45	SOHP-15	9.4	0/0	0/0	0/0	0/0	231/45	0/0	
JF3BFS	29,832	226	44	SOLP-15	10.9	0/0	0/0	0/0	0/0	226/44	0/0	
JM1NKT	12,852	129	34	SOQRP-15	12.3	0/0	0/0	0/0	0/0	129/34	0/0	
J11FXF	5,712	69	28	SOHP-15	2.6	0/0	0/0	0/0	0/0	69/28	0/0	
JM8SMO	4,536	78	21	SOLP-15	2.9	0/0	0/0	0/0	0/0	78/21	0/0	
JE1JNJ	3,717	64	21	SOHP-15	6.0	0/0	0/0	0/0	0/0	64/21	0/0	
JH4FUF	2,091	43	17	SOLP-15	3.6	0/0	0/0	0/0	0/0	43/17	0/0	

JK1AIV	1,554	37	14	SOLP-15	2.6	0/0	0/0	0/0	0/0	37/14	0/0
JR2BCF	1,092	28	13	SOHP-15	2.8	0/0	0/0	0/0	0/0	28/13	0/0
JJ3NOP	792	25	11	SOHP-15	2.9	0/0	0/0	0/0	0/0	25/11	0/0
JA1KPF (L)	756	28	9	SOQRP-15	4.1	0/0	0/0	0/0	0/0	28/9	0/0
JE1CAC	720	22	12	SOQRP-15	2.4	0/0	0/0	0/0	0/0	22/12	0/0
JJ1LAI	702	18	13	SOLP-15	2.5	0/0	0/0	0/0	0/0	18/13	0/0
JE1JAC (L)	693	21	11	SOLP-15	1.8	0/0	0/0	0/0	0/0	21/11	0/0
JA1RYC	459	17	9	SOLP-15	2.0	0/0	0/0	0/0	0/0	17/9	0/0
JA1DBG	384	17	8	SOLP-15	2.2	0/0	0/0	0/0	0/0	17/8	0/0
JA3JRI	294	14	7	SOLP-15	1.5	0/0	0/0	0/0	0/0	14/7	0/0
JM1LAW	195	14	5	SOLP-15	0.9	0/0	0/0	0/0	0/0	14/5	0/0
JO3XCK (L)	180	11	6	SOLP-15	1.4	0/0	0/0	0/0	0/0	11/6	0/0
JA1LKY	165	11	5	SOLP-15	1.2	0/0	0/0	0/0	0/0	11/5	0/0
JS1BXH	60	5	4	SOLP-15	0.5	0/0	0/0	0/0	0/0	5/4	0/0
7L4SCQ (L)	27	3	3	SOLP-15	0.2	0/0	0/0	0/0	0/0	3/3	0/0
JR4VFC (L)	6	2	1	SOLP-15	0.1	0/0	0/0	0/0	0/0	2/1	0/0
JR4WKV (L)	6	2	1	SOLP-15	0.1	0/0	0/0	0/0	0/0	2/1	0/0
JE1RZR	3	1	1	SOQRP-15	0.1	0/0	0/0	0/0	0/0	1/1	0/0
JO1JKH	3	1	1	SOLP-15	0.1	0/0	0/0	0/0	0/0	0/0	0/0
JF9JTS (JAØTEA, op)	74,412	489	52	SOUHP-15	7.9	0/0	0/0	0/0	0/0	489/52	0/0
JH7XGN	66,303	421	53	SOUHP-15	11.4	0/0	0/0	0/0	0/0	421/53	0/0
JE1CKA	62,532	394	54	SOULP-15	14.4	0/0	0/0	0/0	0/0	394/54	0/0
JR7IWC	30,315	238	43	SOUHP-15	7.1	0/0	0/0	0/0	0/0	238/43	0/0
JG2AIG	2,880	60	16	SOULP-15	4.9	0/0	0/0	0/0	0/0	60/16	0/0
JA1QIF	1,392	29	16	SOULP-15	2.0	0/0	0/0	0/0	0/0	29/16	0/0
JF3NDW (L)	1,287	34	13	SOUHP-15	1.3	0/0	0/0	0/0	0/0	34/13	0/0
JJØVNR	126,087	800	53	SOHP-10	12.0	0/0	0/0	0/0	0/0	0/0	800/53
JH1KRC	80,700	556	50	SOHP-10	9.9	0/0	0/0	0/0	0/0	0/0	556/50
JA7IC	77,751	500	53	SOHP-10	5.4	0/0	0/0	0/0	0/0	0/0	500/53
JM7OLW	68,061	468	49	SOHP-10	7.7	0/0	0/0	0/0	0/0	0/0	468/49
JA9PPC	56,736	409	48	SOHP-10	6.3	0/0	0/0	0/0	0/0	0/0	409/48
JF1SQC	34,290	255	45	SOHP-10	2.7	0/0	0/0	0/0	0/0	0/0	255/45
JF3IYW	29,520	252	40	SOLP-10	6.4	0/0	0/0	0/0	0/0	0/0	252/40
7N2JZT/1	28,704	213	46	SOLP-10	4.3	0/0	0/0	0/0	0/0	0/0	213/46
JA6WFM	28,158	250	38	SOLP-10	11.0	0/0	0/0	0/0	0/0	0/0	250/38
JRØBQD	25,308	231	37	SOLP-10	9.7	0/0	0/0	0/0	0/0	0/0	231/37
JO1VRK	22,422	210	37	SOHP-10	10.0	0/0	0/0	0/0	0/0	0/0	210/37
JA3XOG	20,604	207	34	SOHP-10	4.0	0/0	0/0	0/0	0/0	0/0	207/34
JO7KMB	16,590	158	35	SOHP-10	13.6	0/0	0/0	0/0	0/0	0/0	158/35
JO1RUQ (L)	15,873	146	37	SOLP-10	5.5	0/0	0/0	0/0	0/0	0/0	146/37
JK1JHU	14,595	144	35	SOLP-10	4.2	0/0	0/0	0/0	0/0	0/0	144/35
JK7DWD	13,440	140	32	SOQRP-10	8.4	0/0	0/0	0/0	0/0	0/0	140/32
JR3RIU	12,090	164	26	SOHP-10	7.4	0/0	0/0	0/0	0/0	0/0	164/26
JH7IMX (L)	10,323	111	31	SOLP-10	4.5	0/0	0/0	0/0	0/0	0/0	111/31
JR6CSY	9,375	130	25	SOHP-10	6.3	0/0	0/0	0/0	0/0	0/0	130/25

JK1CNL	8,505	107	27	SOQRP-10	9.6	0/0	0/0	0/0	0/0	0/0	107/27	
JA9FFS	6,984	98	24	SOHP-10	3.7	0/0	0/0	0/0	0/0	0/0	98/24	
JH2RIH	5,073	96	19	SOLP-10	7.2	0/0	0/0	0/0	0/0	0/0	96/19	
J11LNR	4,662	74	21	SOHP-10	3.0	0/0	0/0	0/0	0/0	0/0	74/21	
J11BBN	4,620	77	20	SOLP-10	4.0	0/0	0/0	0/0	0/0	0/0	77/20	
JR2TMB (L)	4,503	81	19	SOHP-10	5.8	0/0	0/0	0/0	0/0	0/0	81/19	
JH2RMU	4,260	72	20	SOHP-10	3.7	0/0	0/0	0/0	0/0	0/0	72/20	
JG1UKW	4,020	70	20	SOLP-10	6.7	0/0	0/0	0/0	0/0	0/0	70/20	
JO6NZN	3,564	68	18	SOLP-10	5.0	0/0	0/0	0/0	0/0	0/0	68/18	
JG8TDZ	3,213	51	21	SOHP-10	5.1	0/0	0/0	0/0	0/0	0/0	51/21	
JF7GDF	2,820	48	20	SOLP-10	2.1	0/0	0/0	0/0	0/0	0/0	48/20	
JA6VZB (L)	2,784	58	16	SOQRP-10	4.6	0/0	0/0	0/0	0/0	0/0	58/16	
JF1TEU	2,652	53	17	SOLP-10	3.6	0/0	0/0	0/0	0/0	0/0	53/17	
JM1IQX (L)	2,499	49	17	SOLP-10	5.1	0/0	0/0	0/0	0/0	0/0	49/17	
JH1MTR/4	2,067	53	13	SOLP-10	3.6	0/0	0/0	0/0	0/0	0/0	53/13	
JA3DAY	1,677	43	13	SOLP-10	3.7	0/0	0/0	0/0	0/0	0/0	43/13	
JR8QFG (L)	1,596	39	14	SOLP-10	5.2	0/0	0/0	0/0	0/0	0/0	39/14	
JE7LYL	1,404	36	13	SOHP-10	2.6	0/0	0/0	0/0	0/0	0/0	36/13	
JK1VUZ (L)	1,287	34	13	SOQRP-10	4.5	0/0	0/0	0/0	0/0	0/0	34/13	
JE8URC	1,170	30	13	SOLP-10	1.3	0/0	0/0	0/0	0/0	0/0	30/13	
JA3LIL	1,053	28	13	SOHP-10	1.7	0/0	0/0	0/0	0/0	0/0	28/13	
JJØSFV (L)	900	26	12	SOHP-10	1.0	0/0	0/0	0/0	0/0	0/0	26/12	
JH5OJH/5 (L)	870	29	10	SOLP-10	1.6	0/0	0/0	0/0	0/0	0/0	29/10	
JR6HMJ/1	675	25	9	SOQRP-10	3.5	0/0	0/0	0/0	0/0	0/0	25/9	
JAØQBY (L)	648	26	9	SOQRP-10	1.9	0/0	0/0	0/0	0/0	0/0	26/9	
JA1BVY	627	22	11	SOHP-10	5.4	0/0	0/0	0/0	0/0	0/0	22/11	
JA3EQC	627	20	11	SOLP-10	1.4	0/0	0/0	0/0	0/0	0/0	20/11	
JA1WTO	600	20	10	SOLP-10	1.3	0/0	0/0	0/0	0/0	0/0	20/10	
JHØBBE (L)	594	23	9	SOHP-10	0.7	0/0	0/0	0/0	0/0	0/0	23/9	
JH6JBQ (L)	594	24	9	SOLP-10	3.0	0/0	0/0	0/0	0/0	0/0	24/9	
JH6SCA	576	24	8	SOLP-10	2.4	0/0	0/0	0/0	0/0	0/0	24/8	
JK1NWD	540	20	9	SOQRP-10	1.8	0/0	0/0	0/0	0/0	0/0	20/9	
JA5KJD/1 (L)	510	17	10	SOLP-10	3.3	0/0	0/0	0/0	0/0	0/0	17/10	
JA1AVI	456	19	8	SOLP-10	2.3	0/0	0/0	0/0	0/0	0/0	19/8	
JH7DHL (L)	408	17	8	SOQRP-10	1.6	0/0	0/0	0/0	0/0	0/0	17/8	
JE1GZB (L)	390	13	10	SOLP-10	0.6	0/0	0/0	0/0	0/0	0/0	13/10	
JHØKFI	360	16	8	SOQRP-10	1.6	0/0	0/0	0/0	0/0	0/0	16/8	
JJ1IVX	360	15	8	SOLP-10	0.8	0/0	0/0	0/0	0/0	0/0	15/8	
JHØMUC (L)	324	18	6	SOLP-10	1.4	0/0	0/0	0/0	0/0	0/0	18/6	
JR7IFV	198	13	6	SOLP-10	2.1	0/0	0/0	0/0	0/0	0/0	13/6	
JJ1VFA	180	10	6	SOQRP-10	1.8	0/0	0/0	0/0	0/0	0/0	10/6	
JJ1JVC	132	11	4	SOLP-10	1.3	0/0	0/0	0/0	0/0	0/0	11/4	
JE1GWO	108	6	6	SOLP-10	0.8	0/0	0/0	0/0	0/0	0/0	6/6	
JJ1BDX (L)	72	6	4	SOLP-10	0.1	0/0	0/0	0/0	0/0	0/0	6/4	
JO4JKL (L)	27	3	3	SOLP-10	0.1	0/0	0/0	0/0	0/0	0/0	3/3	

JA8RJD	0	0	0	SOLP-10	0.4	0/0	0/0	0/0	0/0	0/0	0/0	
JH3AIU	64,512	457	48	SOUHP-10	11.0	0/0	0/0	0/0	0/0	0/0	457/48	
JH7VHZ	53,067	364	49	SOUHP-10	7.3	0/0	0/0	0/0	0/0	0/0	364/49	
JE6WOQ	50,715	349	49	SOUHP-10	8.4	0/0	0/0	0/0	0/0	0/0	349/49	
7L4MDM	46,440	348	45	SOULP-10	11.6	0/0	0/0	0/0	0/0	0/0	348/45	
JM1SMY (L)	27,144	236	39	SOULP-10	9.0	0/0	0/0	0/0	0/0	0/0	236/39	
JH4UTP	19,773	171	39	SOUHP-10	6.6	0/0	0/0	0/0	0/0	0/0	171/39	
JF2MBF	14,157	145	33	SOUHP-10	6.3	0/0	0/0	0/0	0/0	0/0	145/33	
JR4FLW (L)	13,440	145	32	SOULP-10	6.2	0/0	0/0	0/0	0/0	0/0	145/32	
JA1CHY (L)	11,904	131	31	SOULP-10	8.8	0/0	0/0	0/0	0/0	0/0	131/31	
JI1NIB	7,452	92	27	SOULP-10	6.6	0/0	0/0	0/0	0/0	0/0	92/27	
JK1LSE (L)	7,128	93	27	SOULP-10	1.8	0/0	0/0	0/0	0/0	0/0	93/27	
JA2XCR	6,624	96	23	SOULP-10	6.0	0/0	0/0	0/0	0/0	0/0	96/23	
JH3QFY	6,420	107	20	SOULP-10	4.6	0/0	0/0	0/0	0/0	0/0	107/20	
JF1OVA	4,950	75	22	SOULP-10	5.0	0/0	0/0	0/0	0/0	0/0	75/22	
JI3KDH (L)	4,950	75	22	SOULP-10	3.3	0/0	0/0	0/0	0/0	0/0	75/22	
JA1AKL	2,436	58	14	SOULP-10	5.7	0/0	0/0	0/0	0/0	0/0	58/14	
JH6QIL	1,833	47	13	SOULP-10	1.7	0/0	0/0	0/0	0/0	0/0	47/13	
JA1CTZ	1,620	45	12	SOULP-10	0.9	0/0	0/0	0/0	0/0	0/0	45/12	
JR1UJX (L)	1,008	28	12	SOUQRP-10	1.9	0/0	0/0	0/0	0/0	0/0	28/12	
Kazakhstan												
UN9L	873,915	1,472	203	SOHP	32.1	0/0	68/19	201/44	800/59	255/50	148/31	
UN6LN	18,792	117	54	SOLP	4.5	0/0	0/0	14/11	61/26	42/17	0/0	
UN7CAW	1,440	24	20	SOLP	2.6	0/0	0/0	0/0	19/15	5/5	0/0	
UN7LEW	3	1	1	SOLP	0.1	0/0	0/0	0/0	1/1	0/0	0/0	
UP4L (UN7LZ, op)	321,273	665	163	SOUHP	17.5	0/0	0/0	123/37	288/52	198/49	56/25	
UN4Q	20,862	115	61	SOULP	5.2	0/0	2/2	51/27	24/15	37/16	1/1	
UN8PT	9,840	86	40	SOULP	7.1	0/0	0/0	0/0	36/18	46/18	4/4	
UN4PG (L)	3,780	42	30	SOUHP	2.9	0/0	0/0	3/3	27/15	12/12	0/0	
UN4PD	2,898	43	23	SOULP	5.5	0/0	0/0	1/1	37/18	5/4	0/0	
UN7QF	36	4	4	SOLP-20	0.4	0/0	0/0	0/0	4/4	0/0	0/0	
UN7ZZ	147	7	7	SOLP-15	0.8	0/0	0/0	0/0	0/0	7/7	0/0	
UN3M	19,773	178	39	SOUHP-15	8.4	0/0	0/0	0/0	0/0	178/39	0/0	
Kyrgyzstan												
EXØM	5,568	65	29	SOLP	2.6	0/0	0/0	0/0	32/17	31/10	2/2	
Mongolia												
JT1CO	129,276	410	108	SOUHP	6.6	0/0	1/1	20/13	238/44	88/32	63/18	
JT1BV (L)	180	11	6	SOLP-10	0.8	0/0	0/0	0/0	0/0	0/0	11/6	
Nepal												
9N7AA	30,600	152	68	SOUHP	4.4	0/0	0/0	0/0	71/34	56/27	25/7	
Qatar												
A71WW	37,590	201	70	SOULP	3.9	0/0	1/1	68/18	40/20	75/23	17/8	
Republic of Korea												
DS4EOI	327,222	762	147	SOHP	15.8	0/0	3/2	60/14	145/41	247/43	307/47	
HL2UOK (L)	16,992	119	48	SOHP	6.3	0/0	0/0	16/9	8/8	42/16	53/15	

DS1UDN (Y)	2,772	43	22	SOLP	2.3	0/0	0/0	11/7	5/3	10/6	17/6	
HL2IDT (L)	1,674	31	18	SOLP	2.3	0/0	0/0	15/9	0/0	4/3	12/6	
HL3AMO	1,221	38	11	SOLP	1.6	0/0	0/0	0/0	0/0	0/0	38/11	
HL5FEI	741	20	13	SOHP	1.2	0/0	0/0	12/7	0/0	0/0	8/6	
HL4CEL	189	18	9	SOLP	1.5	0/0	0/0	0/0	1/1	15/7	2/1	
DS1TUW (L)	111,150	393	95	SOULP	18.4	0/0	14/3	78/13	70/33	152/31	79/15	
DS2UAL	14,076	103	46	SOUHP	8.5	0/0	0/0	17/8	15/11	41/17	30/10	
HL5YI	8,772	73	43	SOULP	6.7	0/0	6/4	16/9	14/12	17/9	20/9	
HL2KV	2,664	38	24	SOUHP	2.1	0/0	0/0	0/0	2/2	18/13	18/9	
DS5VTG	504	14	12	SOULP	0.6	0/0	0/0	0/0	0/0	5/5	9/7	
HL5IVL (L)	1,056	22	16	SOHP-40	0.8	0/0	0/0	22/16	0/0	0/0	0/0	
DS3EXT	324	18	6	SOLP-10	2.1	0/0	0/0	0/0	0/0	0/0	18/6	
Saudi Arabia												
HZ1TT	266,112	724	128	SOULP	10.8	0/0	0/0	74/21	196/30	228/39	226/38	
Singapore												
9V1YC	91,758	376	82	SOHP	11.4	0/0	0/0	48/14	173/37	64/18	91/13	
9V1PL (L)	27	3	3	SOHP-40	0.5	0/0	0/0	3/3	0/0	0/0	0/0	
9V1AD	0	0	0	SOLP-20	0.1	0/0	0/0	0/0	0/0	0/0	0/0	
Taiwan												
BU2EP	48	4	4	SOULP-15	0.2	0/0	0/0	0/0	0/0	4/4	0/0	
BU2EV	48	4	4	SOULP-10	0.2	0/0	0/0	0/0	0/0	0/0	4/4	
Thailand												
E2K (HSØYNM, op)	1,479	29	17	SOLP	0.7	0/0	0/0	0/0	12/9	17/8	0/0	
E2A (E21EIC, op)	240,516	624	131	SOULP	15.4	0/0	2/1	12/8	260/50	262/47	88/25	
E2M	6,660	63	37	SOUHP	3.0	0/0	0/0	5/4	21/16	37/17	0/0	
HSØZLN	2,772	44	21	SOULP	2.2	0/0	0/0	2/2	4/4	7/6	31/9	
HSØZME (SM6NT, op)	384	16	8	SOUHP	1.0	0/0	0/0	0/0	0/0	4/3	12/5	
E25CRF	5,580	63	30	SOLP-20	1.1	0/0	0/0	0/0	63/30	0/0	0/0	
E29TGW	10,605	101	35	SOUHP-20	3.0	0/0	0/0	0/0	101/35	0/0	0/0	
HSØZOK	0	0	0	SOLP-10	0.1	0/0	0/0	0/0	0/0	0/0	0/0	
E2ØHHK	15	6	1	SOUHP-10	0.3	0/0	0/0	0/0	0/0	0/0	6/1	
Turkey												
TA7I (L)	91,035	299	105	SOLP	7.2	0/0	0/0	60/20	41/17	127/38	71/30	
TA6B	40,257	206	71	SOLP	13.1	0/0	0/0	0/0	18/8	118/41	70/22	
TA3X (L)	25,137	154	57	SOLP	3.9	0/0	0/0	93/23	22/11	20/11	19/12	
TA4RC (L)	540	15	12	SOLP-40	1.8	0/0	0/0	15/12	0/0	0/0	0/0	
TA3D	693	22	11	SOHP-20	0.9	0/0	0/0	0/0	22/11	0/0	0/0	
TA2TC	36	4	3	SOLP-15	0.2	0/0	0/0	0/0	0/0	4/3	0/0	
TA3DJ (L)	510	17	10	SOLP-10	1.3	0/0	0/0	0/0	0/0	0/0	17/10	
TA2DA (L)	10,440	122	29	SOULP-10	7.1	0/0	0/0	0/0	0/0	0/0	122/29	

Aland Islands												
OHØR	1,253,070	1,783	238	SOUHP	28.7	0/0	23/18	321/54	387/52	629/58	423/56	
Albania												
ZA1RR	118,140	375	110	SOLP	14.2	0/0	5/5	76/23	91/25	101/28	102/29	
ZA1F (L)	31,416	148	77	SOLP	8.6	0/0	16/13	43/21	12/10	37/17	40/16	
ZA1AK	12	2	2	SOLP-20	0.1	0/0	0/0	0/0	2/2	0/0	0/0	
Austria												
OE5CYL	41,610	195	73	SOLP	6.7	0/0	0/0	11/10	3/3	78/29	103/31	
OE1CIW	36,354	171	73	SOLP	14.8	0/0	3/3	98/27	23/14	25/16	22/13	
OE1TKW	16,632	101	56	SOLP	6.0	0/0	0/0	26/14	2/2	31/17	42/23	
<i>OE8TIR</i>	<i>3,825</i>	<i>51</i>	<i>25</i>	<i>SOLP</i>	<i>1.0</i>	<i>0/0</i>	<i>26/14</i>	<i>25/11</i>	<i>0/0</i>	<i>0/0</i>	<i>0/0</i>	
OE3NHW	3,564	48	27	SOLP	3.5	0/0	0/0	0/0	18/11	0/0	30/16	
OE5ARN	1,380	23	20	SOLP	1.4	0/0	0/0	0/0	0/0	12/11	11/9	
4U1A (L)	853,209	1,427	203	SOUHP	24.0	0/0	79/23	237/36	280/44	478/53	353/47	
OE8DDX (Y)	642,396	1,176	188	SOULP	20.0	1/1	158/23	448/45	185/43	290/47	94/29	
OE5TXF (G3TXF, op) (L)	315,756	593	179	SOUHP	15.3	4/4	63/27	74/28	116/32	196/47	140/41	
OE3G	292,050	595	165	SOUHP	8.6	1/1	57/22	97/33	182/38	157/41	101/30	
OE3DXA	162,000	360	150	SOUHP	10.3	0/0	0/0	25/12	112/38	108/50	115/50	
OE6JOZ (L)	20,016	139	48	SOULP	5.4	0/0	0/0	52/21	0/0	2/2	85/25	
OE1UVA/3	17,700	100	59	SOULP	8.4	0/0	8/5	21/14	21/11	18/12	32/17	
OE3MCS (L)	7,722	67	39	SOULP	4.0	0/0	0/0	0/0	10/6	44/24	13/9	
OE1OPW	7,227	74	33	SOLP-15	4.6	0/0	0/0	0/0	0/0	74/33	0/0	
OE5HIL	3,978	57	26	SOLP-10	3.5	0/0	0/0	0/0	0/0	0/0	57/26	
Azores												
CR2X (KO8SCA, op)	4,018,545	4,397	309	SOHP	38.9	125/34	382/44	921/56	949/58	931/58	1,089/59	
CU2ZG (L)	6,156	57	38	SOLP	3.6	0/0	0/0	9/8	29/15	9/8	10/7	
CU2IJ (L)	1,275	25	17	SOQRP-15	2.1	0/0	0/0	0/0	0/0	25/17	0/0	
Balearic Islands												
EF6T (EA3M, op)	4,208,370	4,701	302	SOHP	36.4	87/28	340/45	1,094/56	992/57	1,088/57	1,100/59	
EA6NB	133,590	366	122	SOLP	5.7	1/1	33/18	39/21	22/15	143/36	128/31	
EA6ZS (L)	25,935	135	65	SOLP	5.6	0/0	0/0	0/0	33/18	36/21	66/26	
EF6B	13,464	132	34	SOUHP-20	3.5	0/0	0/0	0/0	132/34	0/0	0/0	
Belarus												
EU1A	73,440	290	85	SOHP	4.8	1/1	45/15	184/37	52/25	8/7	0/0	
EU1DX	57,681	225	87	SOHP	8.2	0/0	0/0	0/0	54/22	115/39	56/26	
EW3LN (L)	32,760	161	70	SOHP	6.5	0/0	1/1	38/21	11/8	79/25	32/15	
EW1KT	26,625	133	71	SOLP	7.0	0/0	1/1	12/9	24/14	64/26	32/21	
EV6Z (L)	7,068	63	38	SOLP	3.1	0/0	1/1	13/10	6/5	43/22	0/0	
EU1DM	5,700	51	38	SOLP	4.6	0/0	0/0	5/5	5/5	24/15	17/13	
EW8G (L)	429	14	11	SOQRP	1.1	0/0	0/0	4/3	0/0	10/8	0/0	
EU4E	866,640	1,263	230	SOUHP	30.3	30/13	173/29	296/49	238/46	259/47	267/46	
EU8U	595,806	1,003	199	SOUHP	26.0	0/0	73/21	143/38	205/49	363/51	219/40	
EW1I	487,830	814	202	SOUHP	18.6	0/0	34/16	172/42	144/44	279/53	185/47	
EW2A (L)	448,146	786	193	SOUHP	17.9	0/0	13/10	146/42	165/42	258/52	204/47	
EU4U	420,000	819	175	SOUHP	27.7	0/0	45/23	122/33	99/29	429/57	124/33	

EV1R	355,110	672	178	SOUHP	19.9	0/0	0/0	149/39	147/46	245/51	131/42
EU2F	352,716	652	182	SOULP	29.4	0/0	42/19	176/47	98/32	164/46	172/38
EW4A	155,769	382	137	SOUHP	10.2	0/0	19/11	58/29	59/25	158/42	88/30
EW1P	121,644	328	124	SOULP	13.7	0/0	9/8	42/24	42/21	147/42	88/29
EW4GL	28,194	127	74	SOULP	7.5	0/0	0/0	25/15	32/16	37/23	33/20
EW1OW	15,423	99	53	SOUHP	5.4	0/0	0/0	46/26	3/3	50/24	0/0
EU1DC	5,280	58	32	SOULP	3.0	0/0	0/0	2/2	9/6	34/16	13/8
EW8OM (L)	2,640	40	22	SOUHP	1.1	0/0	0/0	2/2	4/4	34/16	0/0
EW1M	2,430	50	18	SOUHP-80	3.3	0/0	50/18	0/0	0/0	0/0	0/0
EW1TO (L)	27,720	214	44	SOLP-15	9.9	0/0	0/0	0/0	0/0	214/44	0/0
EW1EA	7,917	91	29	SOLP-15	4.5	0/0	0/0	0/0	0/0	91/29	0/0
EW1FM (L)	27	3	3	SOHP-15	0.1	0/0	0/0	0/0	0/0	3/3	0/0
EW8DX	27,216	222	42	SOUHP-15	7.4	0/0	0/0	0/0	0/0	222/42	0/0
EW4C (L)	21,465	160	45	SOULP-15	7.0	0/0	0/0	0/0	0/0	160/45	0/0
EU6AX	1,134	27	14	SOLP-10	1.6	0/0	0/0	0/0	0/0	0/0	27/14
Belgium											
OR2F	1,861,830	2,275	274	SOHP	37.5	49/22	230/37	547/54	459/49	509/56	481/56
ON5JT	478,896	925	176	SOLP	21.6	0/0	68/24	60/26	246/38	274/47	277/41
ON7HLU (L)	85,215	254	115	SOHP	7.7	0/0	4/4	61/21	48/21	73/30	68/39
ON7ET	50,499	182	93	SOHP	7.8	0/0	29/14	46/20	10/7	49/26	48/26
ON7XN (L)	37,179	161	81	SOLP	8.6	0/0	0/0	10/7	57/23	46/25	48/26
ON6PJ	10,863	73	51	SOLP	2.5	0/0	0/0	20/12	12/11	32/19	9/9
ON4ANE	126	7	7	SOQRP	1.3	0/0	0/0	0/0	0/0	2/2	5/5
OQ5M (ON5ZO, op)	2,012,040	2,439	276	SOUHP	34.8	49/20	282/43	448/50	481/51	616/57	563/55
OQ4U	102,672	250	138	SOUHP	6.0	0/0	9/7	22/16	30/23	77/43	112/49
ON4LDP	99,078	347	98	SOUHP	6.5	0/0	0/0	21/12	34/18	221/44	71/24
OR5T (L)	71,262	226	107	SOUHP	3.5	0/0	24/13	55/22	65/30	66/31	16/11
OT1V	48,267	178	93	SOULP	5.5	0/0	12/9	66/24	56/25	25/18	19/17
ON4CAU	43,542	178	82	SOULP	7.3	0/0	0/0	74/29	48/19	36/21	20/13
OR4K	27,234	103	89	SOULP	9.0	0/0	0/0	19/17	36/25	38/37	10/10
ON7ZJ	21,507	107	67	SOUHP	3.9	0/0	60/28	23/15	0/0	10/10	14/14
OR7W (L)	19,584	103	68	SOUHP	7.4	0/0	34/21	14/12	4/4	21/12	30/19
ON5ZZ	16,224	105	52	SOULP	3.4	0/0	0/0	0/0	19/9	25/15	61/28
ON9EEE (L)	13,440	80	56	SOULP	3.1	0/0	0/0	36/21	14/10	18/15	12/10
ON6WP (L)	12,771	99	43	SOULP	4.6	0/0	0/0	0/0	6/5	40/16	53/22
ON9KVE	7,722	67	39	SOULP	2.0	0/0	0/0	0/0	7/7	34/17	26/15
ON7EH	1,785	35	17	SOLP-160	2.8	35/17	0/0	0/0	0/0	0/0	0/0
ON5WL	4,278	64	23	SOHP-80	2.9	0/0	64/23	0/0	0/0	0/0	0/0
OR7K (OP4K, op)	111,078	739	51	SOUHP-40	12.2	0/0	0/0	739/51	0/0	0/0	0/0
OR3A (ON6CC, op)	24,570	197	42	SOUHP-40	2.9	0/0	0/0	197/42	0/0	0/0	0/0
ON4ZD	36,750	257	49	SOHP-20	6.8	0/0	0/0	0/0	257/49	0/0	0/0
OT5Q (L)	21,156	178	41	SOLP-15	9.1	0/0	0/0	0/0	0/0	178/41	0/0
OP5T (ON4DS, op)	85,224	544	53	SOUHP-15	8.4	0/0	0/0	0/0	0/0	544/53	0/0
OT4A	54,096	383	49	SOHP-10	3.5	0/0	0/0	0/0	0/0	0/0	383/49
O07J	6,264	72	29	SOQRP-10	4.5	0/0	0/0	0/0	0/0	0/0	72/29

ON7JC (L)	240	10	8	SOLP-10	1.1	0/0	0/0	0/0	0/0	0/0	10/8	
ON6NL	59,454	370	54	SOULP-10	12.1	0/0	0/0	0/0	0/0	0/0	370/54	
Bosnia-Herzegovina												
E71A (L)	223,146	501	154	SOHP	7.7	0/0	61/17	145/35	98/31	96/36	101/35	
E73B	617,472	1,025	201	SOULP	22.3	0/0	45/22	291/41	215/43	205/48	269/47	
E72U (L)	198,450	451	147	SOULP	8.8	0/0	13/8	71/33	85/28	117/39	165/39	
E79D	7,344	102	24	SOLP-80	1.7	0/0	102/24	0/0	0/0	0/0	0/0	
E7ØY	8,175	119	25	SOLP-40	3.8	0/0	0/0	119/25	0/0	0/0	0/0	
E77EA	157,416	952	56	SOHP-15	18.3	0/0	0/0	0/0	0/0	952/56	0/0	
E7ØNA	29,295	220	45	SOLP-15	14.4	0/0	0/0	0/0	0/0	220/45	0/0	
E78CB (L)	1,305	30	15	SOLP-10	2.6	0/0	0/0	0/0	0/0	0/0	30/15	
E7ØT	159,036	929	58	SOUHP-10	12.9	0/0	0/0	0/0	0/0	0/0	929/58	
E73QI	4,293	54	27	SOULP-10	2.6	0/0	0/0	0/0	0/0	0/0	54/27	
Bulgaria												
LZ1AQ	138,672	435	108	SOHP	11.6	0/0	0/0	0/0	221/38	124/40	90/30	
LZ1IQ	71,535	254	95	SOLP	15.1	0/0	0/0	20/12	63/21	71/31	100/31	
LZ1VKD (L)	59,040	242	82	SOLP	9.4	0/0	0/0	91/24	25/11	73/25	53/22	
LZ1GE	2,016	29	24	SOLP	2.0	0/0	0/0	12/9	5/5	12/10	0/0	
LZ1ZJ	327,888	622	176	SOUHP	17.8	0/0	41/17	132/39	160/36	184/48	105/36	
LZ1BP	211,008	451	157	SOUHP	11.9	0/0	20/16	157/30	41/29	123/45	110/37	
LZ1QN	190,875	510	125	SOUHP	8.4	0/0	0/0	24/11	142/36	153/37	191/41	
LZ3ZZ (L)	70,902	309	78	SOUHP	6.4	0/0	46/19	217/38	46/21	0/0	0/0	
LZ1MC	42,042	183	77	SOULP	6.2	0/0	2/2	25/15	9/7	63/27	84/26	
LZ7O (LZ1ONK, op)	35,424	165	72	SOULP	4.0	0/0	0/0	0/0	46/20	63/27	56/25	
LZ4W (LZ6DJ, op)	33,120	161	69	SOUHP	4.5	0/0	0/0	43/19	26/11	30/15	62/24	
LZ8A (LZ2DF, op)	24,180	131	62	SOULP	2.8	0/0	0/0	0/0	0/0	45/24	86/38	
LZ3CB	15,600	101	52	SOUHP	1.9	0/0	0/0	19/14	51/19	8/6	23/13	
LZ1QB	3,645	46	27	SOULP	4.1	0/0	0/0	40/21	2/2	4/4	0/0	
LZ1MS	95,625	656	51	SOHP-40	19.0	0/0	0/0	656/51	0/0	0/0	0/0	
LZ5G (LZ5ET, op)	153,120	944	55	SOUHP-40	20.9	0/0	0/0	944/55	0/0	0/0	0/0	
LZ7DX	3,300	50	22	SOULP-40	1.2	0/0	0/0	50/22	0/0	0/0	0/0	
LZ2AF (L)	1,728	38	16	SOUQRP-40	2.9	0/0	0/0	38/16	0/0	0/0	0/0	
LZ2RS	22,968	175	44	SOQRP-15	12.3	0/0	0/0	0/0	0/0	175/44	0/0	
LZ3AW	2,337	41	19	SOQRP-15	6.2	0/0	0/0	0/0	0/0	41/19	0/0	
LZ6K (LZ2PL, op)	92,046	538	58	SOUHP-15	13.0	0/0	0/0	0/0	0/0	538/58	0/0	
LZ5EE	31,458	232	49	SOUHP-15	7.2	0/0	0/0	0/0	0/0	232/49	0/0	
LZ4TX	112,590	707	54	SOHP-10	14.3	0/0	0/0	0/0	0/0	0/0	707/54	
LZ1RW (L)	12,204	116	36	SOLP-10	2.9	0/0	0/0	0/0	0/0	0/0	116/36	
LZ5Y	11,781	128	33	SOHP-10	1.8	0/0	0/0	0/0	0/0	0/0	128/33	
LZ6E (LZ1GU, op)	2,322	43	18	SOQRP-10	4.3	0/0	0/0	0/0	0/0	0/0	43/18	
LZ2OQ	12	2	2	SOLP-10	0.1	0/0	0/0	0/0	0/0	0/0	2/2	
LZ1ZP	20,640	175	40	SOULP-10	6.3	0/0	0/0	0/0	0/0	0/0	175/40	
LZ2PS	10,260	116	30	SOULP-10	7.5	0/0	0/0	0/0	0/0	0/0	116/30	
LZ2JU	1,620	37	15	SOULP-10	2.1	0/0	0/0	0/0	0/0	0/0	37/15	
LZ2ZG	561	17	11	SOUHP-10	0.9	0/0	0/0	0/0	0/0	0/0	17/11	

Corsica												
TK5MH	519,372	923	189	SOUHP	13.0	0/0	7/6	131/33	117/42	275/53	393/55	
Crete												
SV9FBP	3,381	49	23	SOLP	3.3	0/0	0/0	0/0	0/0	4/3	45/20	
SV9COL (L)	19,992	101	68	SOUHP	5.0	0/0	0/0	25/20	2/2	38/25	36/21	
Croatia												
9A3SM	176,565	397	149	SOLP	7.5	0/0	51/22	102/37	12/9	128/45	104/36	
9A4WY	148,512	488	104	SOHP	5.2	0/0	0/0	16/8	80/24	77/31	315/41	
9A3NF (L)	3,162	45	31	SOLP	6.6	0/0	0/0	12/9	12/9	18/10	3/3	
9A5Y (9A7DX, op)	2,699,316	3,116	291	SOUHP	39.0	50/22	229/43	867/56	570/54	642/58	758/58	
9A3XV	1,876,560	2,262	280	SOUHP	37.2	42/21	222/41	520/53	487/52	511/56	480/57	
9A/W3WM	1,011,540	1,487	230	SOUHP	19.0	0/0	193/38	518/52	285/42	194/48	297/50	
9A925T (9A5MR, op)	648,396	1,011	217	SOULP	31.3	4/4	109/31	176/38	255/46	233/49	234/49	
9A3YT	578,646	1,064	183	SOUHP	21.7	0/0	0/0	362/47	137/37	258/50	307/49	
9A1DR	128,778	342	127	SOULP	12.4	0/0	0/0	26/20	102/31	142/45	72/31	
9A5CW (L)	84,966	239	119	SOULP	6.4	0/0	2/2	25/21	56/26	110/40	46/30	
9A9O	41,328	166	84	SOULP	8.5	0/0	0/0	15/10	48/22	36/21	67/31	
9A3DF	35,490	130	91	SOULP	3.3	0/0	0/0	0/0	0/0	85/50	45/41	
9A2KI (L)	19,764	114	61	SOULP	6.0	0/0	17/10	44/23	14/11	0/0	39/17	
9A3JH	11,970	135	30	SOUHP-160	7.0	135/30	0/0	0/0	0/0	0/0	0/0	
9A2KD	4,158	66	22	SOUHP-160	5.8	66/22	0/0	0/0	0/0	0/0	0/0	
9A5M	81,291	561	49	SOUHP-80	14.8	0/0	561/49	0/0	0/0	0/0	0/0	
9A8M	68,715	514	45	SOUHP-80	15.4	0/0	514/45	0/0	0/0	0/0	0/0	
9A4V (9A2VR, op)	141,240	875	55	SOUHP-40	22.8	0/0	0/0	875/55	0/0	0/0	0/0	
9A3VM	51,888	383	46	SOUHP-40	7.2	0/0	0/0	383/46	0/0	0/0	0/0	
9A2IK (L)	1,440	31	16	SOLP-20	1.9	0/0	0/0	0/0	31/16	0/0	0/0	
9A9R	162,168	948	58	SOHP-15	18.5	0/0	0/0	0/0	0/0	948/58	0/0	
9A4W	142,854	846	58	SOHP-15	18.9	0/0	0/0	0/0	0/0	846/58	0/0	
9A7V	181,956	1,034	59	SOUHP-15	18.7	0/0	0/0	0/0	0/0	1,034/59	0/0	
9A2NO	40,404	260	52	SOUHP-15	9.8	0/0	0/0	0/0	0/0	260/52	0/0	
9A2CT	49,404	367	46	SOHP-10	11.7	0/0	0/0	0/0	0/0	0/0	367/46	
9A3TU (L)	2,970	45	22	SOLP-10	2.3	0/0	0/0	0/0	0/0	0/0	45/22	
9A2VX (L)	756	22	12	SOQRP-10	1.3	0/0	0/0	0/0	0/0	0/0	22/12	
9A3TR	172,434	1,009	58	SOUHP-10	12.9	0/0	0/0	0/0	0/0	0/0	1,009/58	
9A2M	9,486	103	31	SOULP-10	4.0	0/0	0/0	0/0	0/0	0/0	103/31	
Czech Republic												
OK7W	2,658,369	3,252	277	SOHP	33.2	91/28	315/37	820/55	403/46	929/57	694/54	
OL7D (OK1DG, op)	904,689	1,413	219	SOHP	33.7	3/3	150/29	484/48	136/38	311/50	329/51	
OL5Y	825,930	1,349	207	SOLP	26.8	0/0	103/22	340/46	214/44	424/51	268/44	
OK2MBP	274,890	598	154	SOLP	28.9	0/0	38/15	143/35	123/31	158/40	136/33	
OK1DKR	145,395	366	135	SOLP	20.1	7/5	64/24	82/30	43/16	101/34	69/26	
OK1OA (L)	126,036	390	108	SOHP	9.1	0/0	7/5	130/33	15/9	175/47	63/14	
OK1AGE (L)	71,820	258	95	SOLP	11.6	0/0	28/14	50/17	32/16	79/25	69/23	
OK1KTI	66,240	245	96	SOHP	15.5	0/0	0/0	0/0	68/27	87/34	90/35	
OL2A (OK2PEM, op)	65,424	240	94	SOLP	12.1	0/0	15/9	30/19	29/15	82/23	84/28	

OK2CSU (L)	55,440	213	88	SOHP	13.3	0/0	0/0	57/20	57/23	73/30	26/15	
OK1UKY	31,680	166	66	SOLP	16.8	0/0	24/14	43/16	23/10	76/26	0/0	
OK1XV	17,112	95	62	SOHP	3.3	3/3	25/17	33/19	4/4	30/19	0/0	
OK1FCA (L)	17,010	105	54	SOLP	8.6	0/0	0/0	6/6	9/8	24/15	66/25	
OK1DKE	15,759	110	51	SOLP	6.6	0/0	0/0	0/0	17/10	48/19	45/22	
OK1FWG (L)	9,471	79	41	SOLP	3.7	0/0	0/0	12/10	38/12	24/14	5/5	
OK1FKD (L)	4,554	48	33	SOQRP	3.4	0/0	9/7	33/20	1/1	3/3	2/2	
OK8KM	4,416	50	32	SOLP	3.8	0/0	0/0	26/16	1/1	23/15	0/0	
OK1TDX	3,960	45	30	SOLP	2.3	0/0	0/0	8/8	4/3	30/16	3/3	
OK2IW (L)	3,816	53	24	SOLP	4.2	0/0	0/0	0/0	13/9	40/15	0/0	
OK2HBR	2,460	41	20	SOLP	1.2	0/0	0/0	0/0	3/3	37/16	1/1	
OLØW (OK1DSZ, op)	1,077,312	1,458	248	SOUHP	24.7	21/13	133/32	254/47	233/47	508/56	309/53	
OL9R (OK6RA, op)	1,007,445	1,459	235	SOULP	40.4	9/8	117/31	440/49	259/46	344/50	290/51	
OK6Y (OK2PTZ, op)	719,415	1,100	219	SOULP	26.2	14/11	81/30	202/36	201/42	279/50	323/50	
OK2QA	521,856	913	192	SOUHP	19.2	1/1	41/17	291/44	123/35	229/49	228/46	
OK1PI	447,978	765	197	SOUHP	12.3	16/12	65/23	116/41	66/30	173/40	329/51	
OK2WY	310,560	659	160	SOULP	17.9	0/0	15/12	59/26	137/34	274/51	174/37	
OK2FD (L)	307,287	605	171	SOULP	20.2	0/0	36/18	127/32	106/36	180/45	156/40	
OK1VK	207,375	397	175	SOUHP	5.8	0/0	42/22	63/37	34/18	189/53	69/45	
OK2PF	163,590	424	133	SOUHP	10.1	0/0	38/19	57/22	70/24	150/39	109/29	
OK4DZ	122,301	322	127	SOULP	15.1	0/0	26/14	87/28	28/16	104/37	77/32	
OK2LW (L)	73,914	295	97	SOULP	22.7	0/0	9/6	95/27	29/12	88/32	74/20	
OK1SI	46,893	206	77	SOULP	9.1	0/0	7/4	92/26	10/8	20/11	77/28	
OK1BR	17,004	110	52	SOULP	7.3	0/0	0/0	0/0	15/10	72/28	23/14	
OK2FQZ	147	7	7	SOUHP	0.5	0/0	0/0	0/0	4/4	3/3	0/0	
OL1A	2,508	45	19	SOULP-160	5.0	45/19	0/0	0/0	0/0	0/0	0/0	
OK5D (OK1DTP, op)	59,616	424	48	SOHP-40	16.9	0/0	0/0	424/48	0/0	0/0	0/0	
OK6OK	4,158	63	22	SOQRP-40	8.1	0/0	0/0	63/22	0/0	0/0	0/0	
OK2B (OK2BFO, op) (L)	4,026	62	22	SOLP-40	8.3	0/0	0/0	62/22	0/0	0/0	0/0	
OK1OGS	1,080	27	15	SOLP-40	0.4	0/0	0/0	27/15	0/0	0/0	0/0	
OK1DXX	264	11	8	SOLP-40	1.0	0/0	0/0	11/8	0/0	0/0	0/0	
OK1Z	158,895	983	55	SOUHP-40	21.9	0/0	0/0	983/55	0/0	0/0	0/0	
OK2BFN (L)	21,420	175	42	SOULP-40	13.6	0/0	0/0	175/42	0/0	0/0	0/0	
OK1AY (L)	14,319	129	37	SOULP-40	5.2	0/0	0/0	129/37	0/0	0/0	0/0	
OK1TRJ (L)	6,864	88	26	SOULP-40	3.3	0/0	0/0	88/26	0/0	0/0	0/0	
OK1FIA	5,025	68	25	SOLP-20	4.4	0/0	0/0	0/0	68/25	0/0	0/0	
OL5N	23,814	200	42	SOUHP-20	9.6	0/0	0/0	0/0	200/42	0/0	0/0	
OK3GU	4,536	59	27	SOULP-20	2.2	0/0	0/0	0/0	59/27	0/0	0/0	
OK1TN	41,769	283	51	SOHP-15	10.2	0/0	0/0	0/0	0/0	283/51	0/0	
OK1AUO	7,920	91	30	SOLP-15	4.2	0/0	0/0	0/0	0/0	91/30	0/0	
OL6B (L)	17,640	140	42	SOULP-15	9.2	0/0	0/0	0/0	0/0	140/42	0/0	
OK7NV (L)	2,142	36	21	SOULP-15	1.3	0/0	0/0	0/0	0/0	36/21	0/0	
OK2PWR (L)	23,220	183	43	SOHP-10	8.0	0/0	0/0	0/0	0/0	0/0	183/43	
OLØA (OK1CZ, op)	18,954	165	39	SOLP-10	7.1	0/0	0/0	0/0	0/0	0/0	165/39	
OK2HBY	8,787	108	29	SOLP-10	5.9	0/0	0/0	0/0	0/0	0/0	108/29	

OK2BLD (L)	2,820	47	20	SOLP-10	1.4	0/0	0/0	0/0	0/0	0/0	47/20
OK1DZR	39,762	290	47	SOULP-10	7.0	0/0	0/0	0/0	0/0	0/0	290/47
OK1DTC	13,563	137	33	SOUHP-10	3.5	0/0	0/0	0/0	0/0	0/0	137/33
Denmark											
OZ5E (DF5RF, op)	1,080,519	1,532	239	SOHP	33.5	17/12	157/28	300/48	250/49	394/54	414/48
OZ5UR	16,128	97	56	SOLP	4.1	0/0	0/0	13/12	10/7	4/4	70/33
OZ7EU	8,127	65	43	SOLP	5.4	0/0	1/1	13/9	11/8	32/19	8/6
OZ8X	473,100	992	166	SOUHP	22.2	0/0	49/17	257/39	124/27	307/45	255/38
OZ1IKY	327,033	618	179	SOUHP	14.7	0/0	20/15	95/41	143/40	156/41	204/42
OZ3ACB (L)	28,251	132	73	SOUHP	7.3	0/0	0/0	6/6	18/10	55/29	53/28
OZ4VW	22,638	100	77	SOULP	4.3	0/0	0/0	0/0	28/21	31/27	41/29
OZ1KZX	7,560	63	42	SOUHP	4.7	0/0	0/0	0/0	20/14	15/10	28/18
OZ7HB	396	12	11	SOULP	0.7	0/0	0/0	8/7	4/4	0/0	0/0
OZ4MM	1,215	27	15	SOUHP-160	1.8	27/15	0/0	0/0	0/0	0/0	0/0
OZ6AGX	60	5	4	SOHP-15	0.4	0/0	0/0	0/0	0/0	5/4	0/0
OZ7BQ (L)	12,276	127	33	SOLP-10	6.7	0/0	0/0	0/0	0/0	0/0	127/33
OZ1DTF	2,040	36	20	SOLP-10	3.6	0/0	0/0	0/0	0/0	0/0	36/20
OZ1AXG	7,260	55	44	SOUHP-10	8.6	0/0	0/0	0/0	0/0	0/0	55/44
OU2V (OZ1FJB, op) (L)	252	12	7	SOUQRP-10	1.2	0/0	0/0	0/0	0/0	0/0	12/7
England											
G6XX (G4FAL, op)	2,291,121	2,692	287	SOHP	34.1	129/30	372/44	584/53	556/50	491/54	560/56
G2X (GØDCK, op)	351,648	818	148	SOLP	22.4	0/0	15/7	95/22	152/35	222/39	334/45
MØUDD (L)	203,496	517	139	SOHP	18.4	0/0	54/18	103/25	90/23	173/40	97/33
G3RWF	120,960	328	128	SOHP	12.5	0/0	41/19	60/26	84/30	75/31	68/22
G4DDL (L)	67,419	228	99	SOLP	7.6	0/0	19/12	19/12	21/13	60/27	109/35
G3VYI	36,408	151	82	SOLP	6.5	0/0	13/10	17/10	38/17	40/24	43/21
MØUCK (L)	36,240	158	80	SOHP	8.8	0/0	7/7	13/10	20/12	60/27	58/24
G4HZV (L)	24,723	124	67	SOHP	6.7	0/0	0/0	0/0	9/6	44/27	71/34
G4SGI	22,491	120	63	SOHP	3.9	0/0	5/5	40/21	0/0	63/27	12/10
G3SQU	20,880	117	60	SOLP	8.8	0/0	0/0	5/5	36/14	47/21	29/20
G3YMC	16,830	102	55	SOQRP	5.1	0/0	5/5	15/11	2/1	25/14	55/24
GØLZL (L)	13,464	102	44	SOHP	6.1	0/0	0/0	0/0	8/6	94/38	0/0
GØAZH (L)	9,585	74	45	SOHP	7.6	0/0	0/0	10/8	0/0	35/21	29/16
G4DYC (L)	3,999	47	31	SOLP	4.0	0/0	0/0	0/0	0/0	15/12	32/19
MØDCG (L)	2,625	38	25	SOLP	2.4	0/0	0/0	0/0	0/0	7/6	31/19
M9M (G4BEE, op) (L)	1,827	34	21	SOLP	2.5	0/0	4/3	25/13	5/5	0/0	0/0
MØKNG	90	6	5	SOLP	0.4	0/0	0/0	0/0	6/5	0/0	0/0
G6T (G4MKP, op)	1,273,203	1,797	241	SOUHP	24.0	29/16	74/24	431/44	407/49	430/53	426/55
G3P (L)	1,234,893	1,638	253	SOUHP	33.6	43/20	137/33	338/47	277/47	466/53	377/53
G5W	779,418	1,018	258	SOUHP	13.4	38/23	157/38	242/48	76/39	352/56	153/54
M2A (G3ORY, op)	737,385	1,215	205	SOUHP	20.3	0/0	74/27	132/34	137/37	479/54	393/53
G4R	707,049	1,178	203	SOUHP	24.1	1/1	18/15	64/33	241/45	431/54	423/55
G4AMT	562,653	826	229	SOUHP	13.0	101/32	163/36	168/45	163/38	121/40	110/38
M4J (GØDVJ, op)	460,836	774	204	SOUHP	18.6	15/11	52/24	128/32	124/43	236/53	219/41
M6W (G3WW, op) (L)	333,408	607	184	SOULP	15.8	10/8	81/28	162/42	90/33	156/41	108/32

G4PVM (L)	321,708	648	166	SOULP	19.2	0/0	0/0	78/33	114/33	271/52	185/48
M1X (GØCKP, op) (L)	275,706	579	159	SOUHP	9.9	0/0	0/0	59/30	131/38	281/51	108/40
G4IRN	268,569	445	203	SOUHP	9.5	22/15	91/36	142/46	60/30	100/48	30/28
G4LPP (L)	167,184	347	162	SOUHP	8.8	0/0	21/13	82/27	58/30	121/48	65/44
M2G (G4RCG, op)	149,688	324	154	SOUHP	5.1	2/2	34/21	107/43	8/6	139/50	34/32
MØRYB (L)	132,600	331	136	SOULP	12.5	0/0	43/20	67/25	70/27	81/32	70/32
M4N (G4IZZ, op) (L)	132,588	351	127	SOUHP	10.8	0/0	6/6	50/26	112/31	126/39	57/25
MØTTQ (L)	98,136	290	116	SOULP	15.7	0/0	0/0	39/16	57/30	124/41	70/29
G4OWT	97,416	272	123	SOUHP	11.8	0/0	22/13	46/23	55/26	72/33	77/28
G4NBS (L)	88,578	259	114	SOUHP	7.5	0/0	0/0	0/0	32/25	72/44	155/45
G3RLE (L)	82,656	246	112	SOULP	7.3	0/0	0/0	23/12	75/31	90/42	58/27
MØBPQ	68,040	219	105	SOUHP	3.8	5/5	17/13	49/27	15/11	2/2	131/47
M5M (G4BRK, op) (L)	46,740	207	76	SOULP	6.8	0/0	42/16	0/0	29/13	45/19	91/28
MØMDS	34,692	130	98	SOUHP	8.1	0/0	0/0	13/10	24/22	47/35	46/31
MØMPM	26,715	137	65	SOULP	7.8	0/0	0/0	22/13	29/16	24/14	62/22
G4SND	24,375	138	65	SOUHP	2.9	0/0	0/0	33/16	0/0	58/24	47/25
G4OZG	23,364	119	66	SOUQRP	6.8	0/0	12/9	19/15	7/5	19/13	62/24
M4D (G4ATA, op) (L)	22,680	139	56	SOULP	5.8	0/0	0/0	52/18	0/0	87/38	0/0
G2AS (G3PHO, op) (L)	21,630	103	70	SOULP	3.1	0/0	4/4	22/14	5/4	18/16	54/32
G3ZGC (L)	19,800	100	66	SOULP	2.5	2/2	21/13	18/11	21/13	20/13	18/14
G4MKR (L)	18,666	104	61	SOULP	4.6	0/0	0/0	25/16	17/11	35/17	27/17
MØNPT	16,815	105	59	SOULP	5.7	0/0	0/0	16/12	15/11	51/22	23/14
2EØJLZ	14,664	107	47	SOULP	8.6	0/0	0/0	0/0	30/15	61/23	16/9
GØTZZ (L)	10,437	75	49	SOULP	3.8	0/0	6/5	22/13	22/13	24/17	1/1
MØHWT	9,798	73	46	SOULP	6.5	0/0	0/0	0/0	16/12	42/25	15/9
MØKHX (L)	9,246	69	46	SOULP	3.7	0/0	0/0	15/11	2/2	28/16	24/17
G3RVM	7,749	64	41	SOUHP	1.4	0/0	0/0	0/0	21/13	18/13	25/15
G4CMY (L)	4,914	43	39	SOULP	1.0	0/0	3/3	11/10	13/12	16/14	0/0
G8OLA	2,754	41	27	SOUHP	4.4	0/0	0/0	1/1	0/0	34/20	6/6
2EØCEY	2,106	33	26	SOULP	3.7	0/0	0/0	0/0	2/2	20/15	11/9
G4EUW (L)	1,764	29	21	SOULP	1.5	0/0	0/0	0/0	0/0	6/6	23/15
G4ZZL	1,056	25	16	SOULP	3.2	0/0	0/0	0/0	0/0	24/15	1/1
MØCCA (L)	924	22	14	SOULP	3.1	0/0	0/0	0/0	6/5	16/9	0/0
G4AWA	360	12	10	SOULP	0.5	0/0	0/0	0/0	0/0	7/6	5/4
G5Q (G3SVL, op) (L)	4,350	60	25	SOULP-80	3.9	0/0	60/25	0/0	0/0	0/0	0/0
M5D (G4WQI, op) (L)	23,460	246	34	SOHP-40	6.0	0/0	0/0	246/34	0/0	0/0	0/0
G5MDR (L)	270	12	9	SOLP-40	1.3	0/0	0/0	12/9	0/0	0/0	0/0
M5W (MØHMJ, op) (L)	63,063	448	49	SOULP-40	12.0	0/0	0/0	448/49	0/0	0/0	0/0
M3A	12,084	106	38	SOUHP-40	1.5	0/0	0/0	106/38	0/0	0/0	0/0
G4BUE (L)	4,290	55	26	SOUQRP-40	2.3	0/0	0/0	55/26	0/0	0/0	0/0
GØW (L)	1,836	39	17	SOUQRP-40	3.8	0/0	0/0	39/17	0/0	0/0	0/0
G4IYY	80,514	498	54	SOUHP-20	12.3	0/0	0/0	0/0	498/54	0/0	0/0
M2O (G1GEY, op) (L)	14,022	127	38	SOULP-20	7.0	0/0	0/0	0/0	127/38	0/0	0/0
G4DBW (L)	11,988	111	37	SOUHP-20	5.7	0/0	0/0	0/0	111/37	0/0	0/0
G4C (GØIBN, op)	5,040	66	28	SOULP-20	3.3	0/0	0/0	0/0	66/28	0/0	0/0

G4A (G4TSH, op)	203,019	1,159	59	SOHP-15	17.1	0/0	0/0	0/0	0/0	1,159/59	0/0
M7M (MØJWT, op) (L)	20,007	173	39	SOLP-15	10.5	0/0	0/0	0/0	0/0	173/39	0/0
GØJSP	5,382	71	26	SOLP-15	4.0	0/0	0/0	0/0	0/0	71/26	0/0
GØFCU	3,828	49	29	SOLP-15	2.2	0/0	0/0	0/0	0/0	49/29	0/0
G3ZRJ (L)	684	19	12	SOLP-15	0.9	0/0	0/0	0/0	0/0	19/12	0/0
G6AY (L)	53,928	326	56	SOUHP-15	11.1	0/0	0/0	0/0	0/0	326/56	0/0
G7D (G3XTZ, op) (L)	48,018	308	53	SOULP-15	11.3	0/0	0/0	0/0	0/0	308/53	0/0
M5P (M5BIR, op)	21,930	174	43	SOULP-15	8.1	0/0	0/0	0/0	0/0	174/43	0/0
MØAGP	19,995	156	43	SOULP-15	8.3	0/0	0/0	0/0	0/0	156/43	0/0
M7RDV	12	2	2	SOULP-15	0.4	0/0	0/0	0/0	0/0	2/2	0/0
G8X (G4FJK, op)	138,168	811	57	SOUHP-10	14.0	0/0	0/0	0/0	0/0	0/0	811/57
M5B (G3WVG, op)	131,511	748	59	SOUHP-10	12.0	0/0	0/0	0/0	0/0	0/0	748/59
G4ZFE	36,294	265	46	SOUQRP-10	9.4	0/0	0/0	0/0	0/0	0/0	265/46
MØTDW	19,872	144	46	SOUHP-10	5.8	0/0	0/0	0/0	0/0	0/0	144/46
M3F (G3WZD, op)	13,545	110	43	SOUHP-10	2.8	0/0	0/0	0/0	0/0	0/0	110/43
G9F (G4BVY, op)	12,726	101	42	SOULP-10	2.7	0/0	0/0	0/0	0/0	0/0	101/42
MØXAR	8,910	90	33	SOULP-10	6.4	0/0	0/0	0/0	0/0	0/0	90/33
Estonia											
ES2JJ (L)	3,276	40	28	SOLP	3.3	0/0	0/0	7/6	3/3	0/0	30/19
ES2MC	986,532	1,452	229	SOUHP	22.6	2/2	94/25	354/52	241/50	267/50	494/50
ES7A (YL3JA, op)	689,970	1,117	211	SOULP	32.6	0/0	27/18	244/46	235/46	378/55	233/46
ES5NY (L)	8,892	57	52	SOULP	1.9	0/0	0/0	16/13	2/2	13/13	26/24
ES1TAR (L)	5,661	54	37	SOULP	4.1	0/0	0/0	5/5	11/8	26/16	12/8
ES3BH	2,001	32	23	SOULP	2.0	0/0	0/0	0/0	6/6	5/5	21/12
ES3MAR	1,254	23	19	SOULP	1.1	0/0	0/0	0/0	0/0	14/11	9/8
ES4MD (L)	720	21	12	SOLP-15	3.0	0/0	0/0	0/0	0/0	21/12	0/0
European Russia											
RW7K	1,250,970	1,740	245	SOHP	31.4	37/15	245/40	512/54	166/43	499/51	281/42
RV7F	316,131	645	167	SOLP	11.2	0/0	45/19	202/37	75/29	194/47	129/35
RM2U (RU3UR, op)	307,824	595	176	SOHP	12.4	0/0	30/16	126/39	175/43	159/45	105/33
RU4PU	94,242	286	113	SOHP	9.2	0/0	10/9	115/42	126/45	35/17	0/0
UA6HFI (L)	58,788	215	92	SOLP	10.7	0/0	0/0	17/12	38/20	105/35	55/25
R7AM	43,740	190	81	SOHP	12.3	0/0	0/0	37/18	38/20	67/25	48/18
RV6HV (L)	40,257	190	71	SOHP	7.0	0/0	0/0	7/6	17/12	99/28	67/25
RA6L	38,148	190	68	SOHP	8.1	0/0	0/0	0/0	19/12	130/38	41/18
R4BD	30,954	156	67	SOHP	6.0	0/0	2/2	32/15	7/6	64/24	51/20
RL6C	27,255	115	79	SOLP	3.7	0/0	0/0	0/0	11/11	48/36	56/32
UA4FER	24,759	134	63	SOLP	3.7	0/0	0/0	0/0	35/17	57/28	42/18
UA4AF	22,833	133	59	SOLP	10.0	0/0	0/0	26/14	3/3	86/36	18/6
UA1F	21,924	128	58	SOHP	4.7	0/0	0/0	0/0	9/6	55/30	64/22
RW3YB	18,984	113	56	SOHP	7.9	0/0	0/0	16/12	18/11	73/29	6/4
RA3BQ	16,854	106	53	SOQRP	6.6	0/0	0/0	5/5	5/5	47/21	49/22
UA3UBT	15,456	94	56	SOHP	3.4	0/0	0/0	0/0	20/14	40/23	34/19
RA7C (L)	14,847	102	49	SOQRP	4.6	0/0	0/0	12/8	3/2	49/23	38/16
RA4ACX (L)	13,965	96	49	SOHP	7.0	0/0	0/0	39/19	0/0	36/19	21/11

RU7K	8,946	71	42	SOLP	2.1	0/0	0/0	0/0	0/0	20/17	51/25	
RA3DSV	8,643	71	43	SOLP	5.8	0/0	0/0	10/8	14/10	46/24	1/1	
UA3PSV (L)	5,130	60	30	SOLP	7.3	0/0	0/0	0/0	0/0	34/16	26/14	
RK4PA	4,140	46	30	SOLP	4.3	0/0	0/0	0/0	11/9	21/13	14/8	
UA3P	1,653	30	19	SOHP	1.6	0/0	1/1	0/0	0/0	10/8	19/10	
R1NAT (L)	1,122	23	17	SOLP	1.8	0/0	0/0	0/0	19/13	4/4	0/0	
RN4SC	1,080	21	18	SOLP	1.6	0/0	0/0	1/1	10/7	10/10	0/0	
UA3ZTY (L)	816	19	17	SOLP	3.7	0/0	0/0	6/5	1/1	8/7	4/4	
RA5AV (L)	672	18	14	SOHP	1.4	0/0	0/0	0/0	8/6	10/8	0/0	
RT1I	144	12	8	SOLP	1.4	0/0	0/0	0/0	12/8	0/0	0/0	
RA3VE	126	7	6	SOLP	1.0	0/0	0/0	0/0	6/5	1/1	0/0	
R4FDH	72	6	4	SOLP	0.3	0/0	0/0	0/0	0/0	6/4	0/0	
RK4FD	1,144,935	1,514	257	SOUHP	37.2	16/12	101/31	301/56	605/58	294/53	197/47	
RG2A	1,013,838	1,435	239	SOUHP	28.3	4/4	75/25	375/54	448/55	370/55	163/46	
RM2E	684,252	1,006	229	SOUHP	26.2	19/12	110/27	208/46	208/48	187/50	274/46	
R5AJ	515,517	774	227	SOUHP	24.4	7/7	50/23	120/47	413/58	93/50	91/42	
RM4F	440,910	722	207	SOUHP	25.0	9/8	104/26	171/49	164/48	198/46	76/30	
UA4PCM	359,904	658	184	SOUHP	20.0	0/0	33/15	214/46	242/50	77/40	92/33	
RK4FM	358,020	664	180	SOUHP	17.6	0/0	30/15	113/39	244/50	158/43	119/33	
RL4A	257,280	542	160	SOUHP	15.0	0/0	8/7	49/24	175/46	221/50	89/33	
RG5A	251,784	542	156	SOULP	16.7	0/0	34/17	175/36	75/29	167/43	91/31	
R5DT	165,288	396	142	SOUHP	13.0	0/0	4/4	89/34	56/32	164/42	83/30	
UA3AP	147,420	392	126	SOUHP	11.2	0/0	0/0	96/35	60/26	116/34	120/31	
R3LC (L)	145,656	408	119	SOUHP	12.5	0/0	0/0	35/21	16/11	197/47	160/40	
RD4F	145,470	377	130	SOUHP	12.8	0/0	22/12	36/22	83/30	184/46	52/20	
UA3LID	134,691	324	139	SOULP	11.2	0/0	16/11	54/30	63/24	124/43	67/31	
R3ST	106,920	333	110	SOUHP	9.8	0/0	0/0	0/0	129/41	129/38	75/31	
UA4PN	105,903	294	123	SOUHP	9.0	0/0	2/2	30/20	102/37	105/41	55/23	
RV1CC	105,750	284	125	SOUHP	11.1	0/0	2/2	61/35	51/25	60/33	110/30	
R3OM	93,960	261	120	SOUHP	10.9	0/0	12/11	48/24	41/22	104/38	56/25	
R5BE	85,875	245	125	SOUHP	19.6	0/0	20/12	64/31	34/25	84/34	43/23	
RK3DK	74,250	252	99	SOUHP	10.2	0/0	0/0	21/14	60/29	107/30	64/26	
UA3R (UA3RC, op) (L)	73,623	274	97	SOUHP	7.5	0/0	0/0	0/0	62/30	161/43	51/24	
RN3TT (L)	67,872	227	101	SOUHP	8.3	0/0	1/1	43/21	40/26	121/37	22/16	
R7NK	57,918	198	98	SOUHP	7.7	0/0	0/0	20/18	10/10	126/42	42/28	
UA1ANA	57,918	199	98	SOUHP	7.7	0/0	0/0	39/23	46/26	62/29	52/20	
R7KZ	45,840	195	80	SOUHP	7.5	0/0	7/5	23/11	30/16	54/23	81/25	
RA3DS (L)	39,360	176	82	SOUHP	7.0	0/0	0/0	33/18	38/24	90/30	15/10	
RA1ZZ/3 (L)	39,123	193	69	SOUHP	7.1	0/0	0/0	0/0	28/13	105/31	60/25	
RL2Y (L)	37,674	186	69	SOUHP	9.6	0/0	0/0	31/16	30/14	124/38	1/1	
UA3QGT	28,956	128	76	SOUHP	2.8	0/0	0/0	15/10	51/22	42/28	20/16	
RK3IR (L)	25,152	133	64	SOUHP	8.1	0/0	0/0	0/0	17/11	67/32	49/21	
R6CS	23,580	132	60	SOUHP	4.7	0/0	0/0	0/0	6/4	93/34	33/22	
R7HF	20,340	115	60	SOUHP	5.2	0/0	0/0	22/17	10/7	55/25	28/11	
UA3AIF	19,152	116	56	SOUHP	5.6	0/0	0/0	0/0	3/3	103/45	10/8	

R5KV	18,972	125	51	SOULP	3.8	0/0	0/0	0/0	3/3	103/35	19/13
RK2M	18,711	101	63	SOULP	6.6	0/0	0/0	25/21	14/10	47/23	15/9
RK3P (L)	17,784	106	57	SOULP	6.2	0/0	0/0	12/11	26/16	58/22	10/8
RQ3M	17,640	98	60	SOUHP	3.5	0/0	0/0	24/15	18/13	56/32	0/0
RY7C	16,611	124	49	SOUHP	2.3	0/0	0/0	0/0	0/0	34/23	90/26
RA4W	15,675	104	55	SOUHP	5.6	0/0	0/0	1/1	32/18	40/20	31/16
RU4LM (L)	14,787	95	53	SOULP	4.3	0/0	0/0	0/0	50/27	45/26	0/0
RA3FY	14,616	119	42	SOUHP	4.7	0/0	0/0	0/0	9/6	102/31	8/5
RA3DNC	13,674	107	43	SOUHP	3.5	0/0	0/0	0/0	1/1	94/32	12/10
UC5D (L)	13,260	87	52	SOULP	4.7	0/0	0/0	2/2	23/16	42/21	20/13
RA4Y	9,360	61	52	SOUHP	3.2	0/0	0/0	38/33	23/19	0/0	0/0
RJ3A (L)	8,307	75	39	SOUHP	2.8	0/0	0/0	0/0	5/4	42/19	28/16
RX6AM	7,956	71	39	SOUHP	3.0	0/0	35/17	0/0	1/1	21/12	14/9
UA3X (L)	7,200	60	40	SOULP	3.1	0/0	0/0	5/5	7/6	23/18	25/11
UD6M	6,903	60	39	SOULP	2.9	0/0	0/0	3/3	8/5	42/25	7/6
R4II (L)	5,328	51	37	SOULP	3.4	0/0	5/5	12/11	19/10	15/11	0/0
RN1B	5,208	56	31	SOUHP	1.3	0/0	0/0	0/0	15/9	41/22	0/0
RN3OG	4,278	47	31	SOULP	4.6	0/0	0/0	6/4	7/6	29/17	5/4
R4KO	4,182	41	34	SOULP	3.1	0/0	0/0	6/6	9/9	25/18	1/1
RW5CW	4,050	54	25	SOULP	1.9	0/0	0/0	0/0	8/8	46/17	0/0
RM3A (RN3AC, op)	3,744	52	24	SOUHP	2.6	0/0	0/0	0/0	4/3	47/20	1/1
RK3TD	3,741	44	29	SOUHP	1.2	0/0	0/0	0/0	3/3	41/26	0/0
R1ZM (L)	3,393	44	29	SOULP	1.9	0/0	0/0	0/0	6/6	38/23	0/0
RT6N	2,775	37	25	SOULP	3.2	0/0	0/0	10/7	4/3	6/5	17/10
UA4LKU	765	18	15	SOULP	1.8	0/0	0/0	2/2	6/5	3/3	7/5
RT1A	756	18	14	SOUHP	1.1	0/0	0/0	2/2	2/2	14/10	0/0
R3QX (L)	330	12	11	SOULP	0.8	0/0	0/0	3/3	0/0	7/7	2/1
RT4W (L)	300	10	10	SOULP	0.8	0/0	0/0	4/4	6/6	0/0	0/0
R3LA	216	9	8	SOUHP	0.2	0/0	0/0	0/0	5/5	4/3	0/0
RO3ZM	210	10	7	SOULP	1.3	0/0	0/0	0/0	0/0	8/5	2/2
R2BFL (Y)	60	5	4	SOUHP	0.2	0/0	0/0	5/4	0/0	0/0	0/0
R3PJN	3,780	63	20	SOHP-80	6.6	0/0	63/20	0/0	0/0	0/0	0/0
R5WW	8,484	101	28	SOUHP-80	7.7	0/0	101/28	0/0	0/0	0/0	0/0
R7NW	120,897	714	57	SOHP-40	14.8	0/0	0/0	714/57	0/0	0/0	0/0
UA6AK	15,096	166	34	SOHP-40	10.9	0/0	0/0	166/34	0/0	0/0	0/0
RN3BL (L)	51,516	331	53	SOUHP-40	8.0	0/0	0/0	331/53	0/0	0/0	0/0
R6CC (L)	14,700	146	35	SOULP-40	12.6	0/0	0/0	146/35	0/0	0/0	0/0
RT1S	6,534	70	33	SOUHP-40	11.0	0/0	0/0	70/33	0/0	0/0	0/0
R7KW	11,556	108	36	SOHP-20	4.9	0/0	0/0	0/0	108/36	0/0	0/0
RZ3Z (L)	7,722	82	33	SOLP-20	6.2	0/0	0/0	0/0	82/33	0/0	0/0
R3EG	32,007	228	47	SOUHP-20	12.1	0/0	0/0	0/0	228/47	0/0	0/0
R1CAA	1,404	28	18	SOULP-20	1.7	0/0	0/0	0/0	28/18	0/0	0/0
RX3F	20,511	159	43	SOHP-15	2.1	0/0	0/0	0/0	0/0	159/43	0/0
UA3PI	2,808	43	24	SOHP-15	1.7	0/0	0/0	0/0	0/0	43/24	0/0
UI4F (L)	2,448	34	24	SOQRP-15	2.6	0/0	0/0	0/0	0/0	34/24	0/0

RN1AO	840	21	14	SOLP-15	1.2	0/0	0/0	0/0	0/0	21/14	0/0
UB7L	462	14	11	SOLP-15	2.1	0/0	0/0	0/0	0/0	14/11	0/0
RV3VR	408	18	8	SOLP-15	2.4	0/0	0/0	0/0	0/0	18/8	0/0
R3PIQ	75	6	5	SOLP-15	0.4	0/0	0/0	0/0	0/0	6/5	0/0
R3ZZ	65,610	418	54	SOUHP-15	9.2	0/0	0/0	0/0	0/0	418/54	0/0
RG2Y	34,968	250	47	SOUHP-15	14.6	0/0	0/0	0/0	0/0	250/47	0/0
RD4A	34,848	244	48	SOUHP-15	8.4	0/0	0/0	0/0	0/0	244/48	0/0
RZ4AG	24,123	187	43	SOULP-15	9.6	0/0	0/0	0/0	0/0	187/43	0/0
RA1M	21,756	150	49	SOUHP-15	4.2	0/0	0/0	0/0	0/0	150/49	0/0
UA4FCO	18,081	147	41	SOULP-15	9.1	0/0	0/0	0/0	0/0	147/41	0/0
R1FB	15,552	112	48	SOULP-15	5.4	0/0	0/0	0/0	0/0	112/48	0/0
UI7D	11,832	118	34	SOUHP-15	3.1	0/0	0/0	0/0	0/0	118/34	0/0
RA3RCL	9,180	92	34	SOULP-15	5.4	0/0	0/0	0/0	0/0	92/34	0/0
RW3DY (L)	6,318	78	27	SOULP-15	3.0	0/0	0/0	0/0	0/0	78/27	0/0
UA4CNJ (L)	819	21	13	SOULP-15	0.9	0/0	0/0	0/0	0/0	21/13	0/0
RN3P (XX9XX, op)	378	14	9	SOULP-15	1.3	0/0	0/0	0/0	0/0	14/9	0/0
RJ7M	4,779	60	27	SOHP-10	1.2	0/0	0/0	0/0	0/0	0/0	60/27
R3GV	2,538	47	18	SOLP-10	3.8	0/0	0/0	0/0	0/0	0/0	47/18
RV3DBK	297	12	9	SOQRP-10	1.0	0/0	0/0	0/0	0/0	0/0	12/9
RW3VM	48	4	4	SOLP-10	0.5	0/0	0/0	0/0	0/0	0/0	4/4
RL5A	17,538	160	37	SOUHP-10	7.7	0/0	0/0	0/0	0/0	0/0	160/37
UA6LCN	16,614	144	39	SOUHP-10	11.6	0/0	0/0	0/0	0/0	0/0	144/39
UA6LQ	9,696	102	32	SOUHP-10	3.9	0/0	0/0	0/0	0/0	0/0	102/32
RT5P	4,617	57	27	SOULP-10	2.7	0/0	0/0	0/0	0/0	0/0	57/27
R6KEE (L)	336	16	7	SOUHP-10	1.6	0/0	0/0	0/0	0/0	0/0	16/7
Faroe Islands											
OY1CT (L)	7,866	69	38	SOULP	3.1	0/0	0/0	0/0	14/9	40/19	15/10
Federal Republic of Germany											
DL9EE	1,591,866	2,189	246	SOHP	31.3	36/16	199/36	518/51	312/41	487/51	637/51
DK6XZ	1,463,385	2,042	245	SOHP	35.1	25/14	129/30	515/51	389/46	609/57	375/47
DL5JS	590,784	1,100	181	SOHP	25.7	0/0	108/24	189/34	147/28	344/48	312/47
DL2SWW	391,125	754	175	SOHP	18.9	4/4	88/26	180/38	90/26	171/41	221/40
DL8ULF	324,324	699	156	SOLP	27.3	1/1	72/24	85/25	131/32	204/35	206/39
DK7HA	244,416	537	152	SOQRP	28.7	1/1	38/16	83/30	103/29	169/40	143/36
DK5DQ	229,266	548	141	SOQRP	18.5	0/0	12/9	100/29	89/30	139/33	208/40
DK3YD	186,714	454	138	SOLP	12.0	0/0	47/18	126/29	83/26	109/37	89/28
DM7W (DL8MAS, op)	168,099	427	137	SOLP	16.5	0/0	46/16	48/21	65/25	136/37	132/38
DK6FX	130,665	291	155	SOHP	7.3	0/0	11/10	49/28	83/28	59/44	89/45
DL4ME	96,624	273	122	SOHP	9.8	11/10	75/23	82/31	36/17	45/26	24/15
DF6RI	88,452	280	108	SOLP	12.2	0/0	0/0	50/22	74/23	72/36	84/27
DL4ZA	79,800	272	100	SOLP	8.5	0/0	8/8	30/14	78/25	97/31	59/22
DC8YZ (L)	75,621	279	91	SOLP	4.5	0/0	0/0	0/0	39/20	138/36	102/35
DL3AO	75,258	235	111	SOHP	10.5	0/0	0/0	29/14	62/30	60/30	84/37
DL3DRN (L)	64,893	226	97	SOLP	12.4	0/0	0/0	23/15	74/27	70/34	59/21
DM3XI	63,210	215	98	SOLP	9.7	0/0	16/8	28/15	36/17	40/21	95/37

DL1JDQ (L)	62,694	245	86	SOQRP	12.0	0/0	5/4	23/14	28/12	130/34	59/22	
DF3CE	62,652	239	92	SOLP	9.3	0/0	0/0	36/17	55/24	88/28	60/23	
DM2DZM (L)	56,736	201	96	SOQRP	4.1	0/0	0/0	20/16	26/18	59/28	96/34	
DK7TY (L)	55,692	206	91	SOLP	12.2	0/0	11/9	43/20	32/17	51/22	69/23	
DJ2IA	46,170	175	90	SOLP	7.0	1/1	40/18	30/19	54/22	18/13	32/17	
DK3AX	30,096	153	66	SOHP	5.2	0/0	0/0	0/0	26/13	76/30	51/23	
DL1NKB	30,096	160	66	SOLP	8.7	0/0	0/0	3/3	16/10	58/25	83/28	
DL7LX (L)	29,412	136	76	SOHP	6.8	0/0	13/8	11/8	25/17	38/18	49/25	
DF6LH (L)	29,280	133	80	SOLP	8.7	0/0	12/10	24/16	32/18	18/12	47/24	
DJ7UC (L)	27,924	180	52	SOLP	10.1	0/0	0/0	0/0	0/0	79/25	101/27	
DM6WG	24,708	117	71	SOLP	9.0	0/0	14/10	22/15	15/8	42/24	24/14	
DF9VJ	24,000	126	64	SOLP	6.2	0/0	2/2	9/9	30/17	39/18	46/18	
DP7R (DL1GWS, op)	20,394	107	66	SOLP	10.7	0/0	17/11	28/15	5/5	30/20	27/15	
DD7NT	20,250	135	54	SOLP	7.6	0/0	0/0	0/0	65/24	69/29	1/1	
DJØMEK	17,985	110	55	SOLP	8.5	0/0	0/0	19/10	12/9	25/14	54/22	
DM4KM (L)	16,611	113	49	SOLP	11.2	0/0	0/0	52/19	5/4	53/23	3/3	
DG1YBN (L)	15,876	99	54	SOHP	5.9	0/0	6/6	17/13	7/6	25/11	44/18	
DL2ZBO	15,456	95	56	SOHP	3.4	0/0	0/0	7/7	21/13	44/23	23/13	
DL7YAD	14,952	91	56	SOLP	6.2	0/0	0/0	9/6	33/23	49/27	0/0	
DL7VRG	14,280	86	56	SOLP	4.7	0/0	0/0	11/10	11/9	41/22	23/15	
DF1PU (L)	11,454	89	46	SOLP	6.0	0/0	0/0	0/0	12/8	48/22	29/16	
DL8UKW	11,115	100	39	SOLP	7.3	0/0	0/0	0/0	18/11	82/28	0/0	
DG1ROD	9,030	75	43	SOLP	6.0	0/0	0/0	7/6	4/3	23/16	41/18	
DL2RUG (L)	8,772	68	43	SOLP	3.2	0/0	0/0	0/0	10/8	28/16	30/19	
DJ3CS (L)	6,300	52	42	SOLP	2.6	0/0	0/0	14/11	11/8	9/7	18/16	
DF7XR	5,832	56	36	SOQRP	8.0	0/0	0/0	4/3	5/5	43/24	4/4	
DJ9SN	4,929	53	31	SOLP	1.6	0/0	0/0	13/9	40/22	0/0	0/0	
DL8BEG (L)	4,704	49	32	SOQRP	2.6	0/0	1/1	10/8	20/10	16/11	2/2	
DGØKS	4,455	45	33	SOHP	2.8	0/0	0/0	0/0	9/7	29/20	7/6	
DL7GW (L)	4,278	48	31	SOLP	3.2	0/0	0/0	0/0	0/0	11/9	37/22	
DL2AXM	4,032	45	32	SOLP	5.3	0/0	0/0	9/7	3/3	17/12	16/10	
DL6DVU	3,864	54	28	SOHP	3.5	0/0	0/0	0/0	29/13	25/15	0/0	
DJ4KW	3,813	45	31	SOHP	2.4	0/0	0/0	18/12	24/16	1/1	2/2	
DL5DRM (L)	3,444	44	28	SOLP	3.2	0/0	0/0	0/0	2/2	11/8	31/18	
DG1HXJ (L)	3,150	47	25	SOLP	4.2	0/0	22/10	3/1	0/0	10/9	12/5	
DH6YAG (L)	2,700	45	30	SOLP	5.1	0/0	0/0	11/8	2/2	31/19	1/1	
DL2NY	2,430	31	27	SOLP	3.5	0/0	5/5	10/8	0/0	11/9	5/5	
DF6QE	2,418	31	26	SOHP	3.1	0/0	12/9	0/0	0/0	8/7	11/10	
DL2FK	2,400	35	25	SOLP	1.8	0/0	0/0	0/0	1/1	10/9	24/15	
DK3YB	2,250	31	25	SOLP	4.0	0/0	0/0	0/0	5/4	9/7	17/14	
DL3KDS	2,112	32	22	SOHP	2.8	0/0	0/0	0/0	10/6	14/9	8/7	
DK5CM (L)	1,440	25	20	SOLP	1.2	0/0	0/0	0/0	0/0	14/10	11/10	
DL1FMG	1,260	23	21	SOLP	1.0	0/0	0/0	0/0	9/7	0/0	14/14	
DL4MHA	1,134	21	18	SOQRP	1.1	0/0	0/0	0/0	0/0	7/7	14/11	
DO4GB (L)	990	23	15	SOLP	3.1	0/0	0/0	0/0	0/0	19/11	4/4	

DK4YU (L)	936	26	12	SOLP	2.4	0/0	0/0	0/0	0/0	0/0	26/12	
DL2DSA	765	17	15	SOHP	0.5	0/0	0/0	0/0	0/0	10/8	7/7	
DK4CU (L)	675	16	15	SOQRP	1.8	0/0	0/0	0/0	0/0	12/11	4/4	
DF4WO	108	6	6	SOLP	0.2	0/0	0/0	2/2	0/0	4/4	0/0	
DL2QT	75	5	5	SOLP	0.2	0/0	0/0	0/0	2/2	1/1	2/2	
DM2VV	27	3	3	SOLP	0.1	0/0	0/0	0/0	2/2	0/0	1/1	
DL3DXX	1,911,300	2,310	277	SOUHP	37.4	39/20	215/40	689/54	292/51	486/56	589/56	
DR5X (DL8LAS, op)	1,664,889	1,990	283	SOUHP	29.3	77/25	199/41	463/54	222/50	424/57	605/56	
DJØMDR	1,555,848	2,094	252	SOUHP	38.0	38/18	203/42	592/51	295/43	531/52	435/46	
DM4X (DD2ML, op)	1,517,040	1,971	258	SOUHP	29.7	19/13	165/33	509/50	414/51	446/54	418/57	
DK5PD	1,236,300	1,596	260	SOUHP	20.9	28/15	223/39	522/51	370/51	245/53	208/51	
DL6WT	1,138,128	1,464	262	SOUHP	23.7	17/10	214/35	473/55	222/51	331/55	207/56	
DL1WA	1,029,528	1,471	237	SOUHP	20.3	0/0	131/37	153/42	304/45	442/56	441/57	
DJ5MO	772,968	1,225	214	SOUHP	21.0	6/6	110/24	295/39	199/40	260/53	355/52	
DJ8VH	745,800	1,109	226	SOUHP	17.1	7/6	71/22	317/45	202/47	339/55	173/51	
DA1DX	732,096	1,495	164	SOUHP	22.6	22/12	233/36	650/56	590/60	0/0	0/0	
DK9IP	597,300	908	220	SOULP	17.9	2/2	47/23	240/46	226/46	276/52	117/51	
DM2M (DK3WE, op)	534,570	873	206	SOUQRP	34.9	5/4	70/23	161/38	168/40	247/53	222/48	
DA3M (DL3UB, op)	504,300	822	205	SOUHP	16.0	19/15	104/27	188/38	128/36	169/42	214/47	
DK8MM	491,445	821	201	SOUHP	10.0	0/0	75/24	88/36	150/39	258/50	250/52	
DM3F (DH5FS, op) (L)	471,240	844	187	SOULP	20.1	0/0	52/22	164/37	138/38	250/48	240/42	
DL6MHW	469,209	706	227	SOUHP	12.9	22/12	55/28	98/44	159/38	192/53	180/52	
DL6KVA (L)	460,287	775	199	SOUHP	22.6	0/0	25/15	101/34	135/43	283/55	231/52	
DF3VM	448,596	734	204	SOUHP	11.0	0/0	24/18	121/43	89/37	208/55	292/51	
DF7TV	448,518	837	181	SOUHP	14.8	1/1	27/14	189/36	168/37	239/46	213/47	
DL2FQ	445,173	848	179	SOULP	21.2	0/0	57/22	107/30	106/28	314/52	264/47	
DL3YM	439,470	773	190	SOULP	13.3	1/1	50/18	151/36	119/38	229/50	223/47	
DL8WEM	437,400	730	200	SOUHP	10.7	0/0	51/24	126/38	130/38	190/49	233/51	
DJ9MH	425,064	726	199	SOULP	15.8	0/0	53/25	106/29	168/44	217/51	182/50	
DK6WL	420,396	676	212	SOUHP	9.4	0/0	32/18	121/36	146/49	117/54	260/55	
DK7ZT	416,928	694	202	SOUHP	14.2	10/8	75/25	174/42	125/36	161/47	149/44	
DK1KC	415,701	746	187	SOULP	19.1	1/1	68/23	112/31	133/38	201/49	231/45	
DR7T	400,356	675	198	SOULP	15.3	1/1	42/23	131/36	137/40	175/51	189/47	
DL1BUG	396,045	681	195	SOUHP	15.1	6/6	80/28	148/31	149/41	149/47	149/42	
DA1TT	359,730	583	210	SOUHP	10.0	14/12	62/26	54/30	164/42	189/53	100/47	
DL1NKS	341,181	692	167	SOUHP	16.0	10/6	34/19	61/26	118/34	267/46	202/36	
DK1TW	332,694	611	183	SOUHP	24.3	0/0	97/27	128/33	114/36	149/44	123/43	
DL1RTL	325,080	605	180	SOUHP	16.2	0/0	88/28	96/35	61/24	190/48	170/45	
DF8V (DF8VO, op)	325,035	728	155	SOUHP	12.8	0/0	31/15	205/36	50/23	323/45	119/36	
DL6RDR	318,324	650	164	SOULP	16.0	1/1	25/13	113/33	102/32	248/50	161/35	
DL5DTG (L)	316,905	582	185	SOUHP	20.2	0/0	54/22	99/33	112/32	161/49	156/49	
DL2CC	308,502	593	174	SOUHP	5.5	0/0	0/0	51/23	210/45	267/55	65/51	
DF4XG	298,053	588	171	SOUHP	15.3	0/0	31/17	62/26	72/30	222/51	201/47	
DD5M (DJØZY, op)	271,377	531	171	SOULP	10.5	0/0	72/26	101/37	94/34	153/43	111/31	
DL5JQ (L)	269,724	500	182	SOUHP	12.5	0/0	33/17	106/37	140/38	121/44	100/46	

DL1QQ (L)	265,527	544	163	SOULP	18.5	0/0	5/5	125/32	69/31	166/48	179/47
DJ5MW	260,832	611	143	SOUHP	6.4	0/0	0/0	18/15	52/31	87/40	454/57
DM5TI (L)	242,736	399	208	SOUHP	15.9	4/4	36/22	63/38	78/49	176/55	42/40
DL5RDO	241,902	535	151	SOUHP	10.7	0/0	9/8	100/33	121/32	167/42	138/36
DK3WW	235,029	504	157	SOULP	10.2	0/0	0/0	61/21	58/28	143/55	242/53
DM6EE	225,828	464	164	SOUHP	7.3	0/0	2/2	61/28	98/34	143/50	160/50
DL5XJ	224,928	429	176	SOUHP	11.2	0/0	19/11	73/33	115/38	107/51	115/43
DK8AX (L)	210,630	416	170	SOUHP	13.2	0/0	52/23	159/42	43/26	71/42	91/37
DL4WA	209,100	410	170	SOULP	13.1	4/4	33/16	44/24	97/38	137/46	95/42
DL7YS	207,600	401	173	SOULP	14.8	4/4	63/26	55/27	43/28	106/43	130/45
DJ4WT	203,820	443	158	SOULP	16.6	0/0	7/6	64/32	75/29	174/50	123/41
DL1VDL	198,072	510	131	SOUHP	11.0	0/0	0/0	24/13	129/34	173/49	184/35
DL6JZ	195,672	528	124	SOUHP	9.6	0/0	1/1	157/37	0/0	247/49	123/37
DJ4MH	193,998	436	149	SOULP	12.0	0/0	24/14	60/25	78/29	151/43	123/38
DL4YR (L)	193,440	508	130	SOULP	14.9	0/0	0/0	16/14	118/31	225/44	149/41
DL2OE	180,576	405	152	SOUHP	8.2	0/0	0/0	12/10	58/35	171/55	164/52
DF7CP (L)	176,610	410	145	SOUHP	9.1	0/0	16/13	43/21	63/29	188/50	100/32
DK1FT	176,403	476	127	SOUHP	13.1	0/0	0/0	100/28	73/25	168/41	135/33
DF2LH	176,118	397	149	SOUHP	11.0	0/0	4/3	37/16	129/43	115/42	112/45
DK5GB	152,685	356	145	SOUHP	16.1	0/0	16/12	90/30	96/31	105/41	49/31
DL6NDW (L)	152,079	314	163	SOULP	10.5	0/0	21/16	67/33	61/31	92/47	73/36
DL8QS	150,426	368	137	SOUHP	7.9	0/0	0/0	42/22	107/36	109/40	110/39
DL1RNW	144,039	365	133	SOULP	15.6	0/0	39/20	49/25	6/6	146/45	125/37
DJ5IW (L)	138,996	293	162	SOUHP	9.4	3/3	21/16	87/36	21/19	115/51	46/37
DK2OY	136,512	318	144	SOULP	14.4	0/0	35/16	84/33	42/20	91/41	66/34
DM8ØØKM (DL8DXL, op)	123,690	319	133	SOULP	14.0	0/0	0/0	46/22	78/28	120/43	75/40
DL1NEO	123,540	290	142	SOUHP	6.0	0/0	29/19	66/34	30/19	109/41	56/29
DF6QV	121,002	303	134	SOULP	5.1	0/0	0/0	37/15	54/28	106/47	106/44
DHØGHU (L)	120,120	311	130	SOULP	16.3	0/0	0/0	37/22	51/25	99/43	124/40
DL1DTL (L)	120,000	327	125	SOUHP	11.3	0/0	0/0	0/0	71/34	127/49	129/42
DJ1MM (L)	119,358	353	114	SOULP	15.3	0/0	19/13	139/31	5/5	47/24	143/41
DL1EFW (L)	117,558	313	126	SOUQRP	15.4	0/0	8/7	34/19	53/25	156/44	62/31
DL4HRM	116,886	328	121	SOUHP	9.0	0/0	0/0	0/0	65/30	153/50	110/41
DL7UIO	116,217	354	111	SOUHP	13.6	0/0	0/0	0/0	52/19	133/47	169/45
DF4XX	113,850	331	115	SOUHP	5.0	0/0	0/0	0/0	65/29	128/41	138/45
DL2DX (L)	108,678	310	118	SOUHP	6.0	0/0	0/0	16/11	59/27	140/44	95/36
DL2NBU	102,942	268	129	SOULP	6.1	0/0	20/13	27/19	63/28	68/39	90/30
DK2AT (L)	95,166	319	102	SOUHP	13.1	0/0	10/7	39/16	79/24	96/31	95/24
DF1MM (L)	79,608	251	107	SOUQRP	13.8	0/0	14/12	67/25	48/22	65/25	57/23
DM5DM	78,720	325	82	SOUHP	14.2	0/0	0/0	113/34	0/0	212/48	0/0
DK6QW	78,153	246	109	SOULP	10.5	0/0	7/6	29/16	61/22	77/34	72/31
DP4X (DJ2MX, op)	75,924	222	114	SOULP	2.6	0/0	0/0	116/30	0/0	50/39	56/45
DL6AG	74,016	260	96	SOULP	8.5	0/0	0/0	1/1	69/28	66/26	124/41
DL8OH	73,776	222	116	SOUHP	7.4	1/1	8/7	78/34	36/32	99/42	0/0
DK2ZO (L)	71,583	224	107	SOULP	10.8	0/0	25/14	59/25	57/23	38/21	45/24

DG7RO	70,785	170	143	SOUHP	8.0	6/6	35/27	50/39	27/22	0/0	52/49	
DJ1OJ (L)	70,620	221	107	SOULP	9.2	0/0	24/15	36/16	45/21	44/22	72/33	
DK1IP	67,419	229	99	SOUHP	7.6	0/0	13/9	16/14	113/36	87/40	0/0	
DJØIF	67,200	201	112	SOUHP	3.7	0/0	0/0	0/0	82/41	60/35	59/36	
DL5YM	62,886	227	94	SOUHP	4.1	0/0	26/15	37/20	36/18	118/32	10/9	
DC8SG (L)	61,050	190	110	SOULP	8.8	0/0	29/16	52/28	33/23	16/11	60/32	
DL6HCC (L)	59,388	198	101	SOUHP	4.8	0/0	37/19	50/22	17/11	35/22	59/27	
DF1DT	58,650	234	85	SOULP	6.3	0/0	0/0	7/5	75/24	75/31	77/25	
DL3JAN	57,672	179	108	SOULP	4.3	0/0	0/0	8/7	60/26	72/41	39/34	
DJ3CQ	57,321	199	99	SOULP	4.6	0/0	3/3	35/19	9/8	69/36	83/33	
DO4OD	55,566	193	98	SOULP	6.0	0/0	15/11	0/0	0/0	107/45	71/42	
DL7ALM (L)	55,200	185	100	SOULP	7.4	0/0	9/8	32/17	34/20	56/28	54/27	
DK1FW	54,510	158	115	SOUHP	4.5	0/0	30/19	30/23	32/18	32/25	34/30	
DL5KUT	52,899	229	77	SOUHP	3.3	0/0	0/0	0/0	10/9	41/24	178/44	
DL8RDL	49,662	188	89	SOUHP	3.4	0/0	1/1	58/25	51/25	59/26	19/12	
DL4YAO	47,763	183	87	SOUHP	4.7	0/0	0/0	52/22	24/12	75/36	32/17	
DJ5KW	47,730	217	74	SOUHP	7.5	0/0	0/0	0/0	49/18	64/21	104/35	
DJ2XY (L)	43,860	176	85	SOUHP	8.1	0/0	52/21	63/28	20/15	26/13	15/8	
DL1GKC	40,560	173	80	SOULP	6.1	0/0	8/7	64/25	48/19	24/15	29/14	
DK8EY	40,098	167	82	SOUHP	8.0	0/0	0/0	31/16	12/10	62/26	62/30	
DG8HJ	39,204	126	108	SOUHP	3.3	0/0	7/6	0/0	38/27	41/38	40/37	
DK4WW (L)	39,150	153	87	SOUHP	3.3	0/0	0/0	0/0	10/8	95/42	48/37	
DL1MGB (L)	38,304	152	84	SOULP	6.6	1/1	28/13	38/19	13/9	54/24	18/18	
DL5NEN	33,726	150	77	SOUHP	2.8	0/0	0/0	0/0	44/23	53/31	53/23	
DL4MM	31,500	214	50	SOUHP	5.3	0/0	0/0	0/0	0/0	0/0	214/50	
DJ8EW	27,720	106	88	SOUHP	3.6	0/0	0/0	0/0	34/28	52/41	20/19	
DL7URH	27,336	137	67	SOULP	2.6	0/0	0/0	46/26	48/19	43/22	0/0	
DF7CB	27,000	125	72	SOULP	3.4	0/0	8/6	39/17	14/9	40/26	24/14	
DH1TST	26,781	116	79	SOUHP	4.1	0/0	0/0	24/21	12/10	49/26	31/22	
DJ5AS	25,920	152	60	SOULP	4.4	0/0	0/0	70/24	31/15	50/20	1/1	
DL6NBC	25,272	117	72	SOULP	7.1	0/0	3/3	33/16	18/14	20/15	43/24	
DF7TS	24,750	128	66	SOULP	4.3	0/0	0/0	0/0	44/18	61/28	23/20	
DL1ABR (L)	24,624	127	72	SOULP	12.0	0/0	3/3	25/14	24/12	30/19	45/24	
DH1TS (L)	20,601	111	63	SOULP	6.0	0/0	18/9	41/17	22/15	5/4	25/18	
DL5ARM	20,532	118	59	SOULP	4.2	0/0	0/0	24/12	15/10	50/20	29/17	
DA2K (DL1MJF, op) (L)	20,130	117	61	SOULP	4.2	0/0	0/0	7/6	24/15	31/17	55/23	
DK4US	19,665	97	69	SOUHP	3.0	0/0	0/0	4/4	0/0	54/37	39/28	
DL6DH	19,497	99	67	SOUHP	1.9	0/0	8/7	24/14	0/0	3/3	64/43	
DF2AJ	18,915	97	65	SOUHP	3.7	0/0	0/0	20/13	21/15	39/23	17/14	
DD5VL (L)	18,240	98	64	SOUHP	2.5	0/0	0/0	0/0	10/10	40/28	48/26	
DL9NDW (L)	17,745	94	65	SOUHP	4.2	0/0	20/15	18/13	28/15	18/14	10/8	
DL5ANS	16,929	100	57	SOULP	4.4	0/0	4/3	8/6	18/12	50/23	20/13	
DF2RG	16,830	102	55	SOUHP	2.8	0/0	12/9	40/22	0/0	1/1	49/23	
DM7XX (Y)	16,335	100	55	SOUHP	3.7	0/0	0/0	23/15	50/22	24/15	3/3	
DL4VK (L)	16,128	102	56	SOULP	2.6	0/0	0/0	25/14	20/11	23/14	34/17	

DP5P (DL1MHJ, op)	14,700	101	50	SOULP	4.9	0/0	4/4	78/30	13/10	0/0	6/6	
DL9UP	13,968	98	48	SOUHP	2.4	0/0	0/0	44/20	54/28	0/0	0/0	
DJØYI	13,965	100	49	SOULP	4.5	0/0	0/0	14/9	38/19	48/21	0/0	
DA6NEN (Y)	13,818	97	49	SOULP	2.3	0/0	0/0	0/0	0/0	48/28	49/21	
DF9SJ (L)	13,536	97	48	SOULP	10.9	0/0	0/0	0/0	18/10	40/17	39/21	
DHØAAC (L)	12,600	84	50	SOULP	4.2	0/0	0/0	0/0	23/12	42/23	19/15	
DL7CX	11,172	103	38	SOUHP	1.7	0/0	0/0	84/27	19/11	0/0	0/0	
DL2MDZ	11,055	68	55	SOULP	3.0	0/0	0/0	22/13	10/8	16/14	20/20	
DL3IAE	10,707	84	43	SOUHP	3.0	3/3	21/15	60/25	0/0	0/0	0/0	
DR6W (DL6RBH, op)	9,180	69	45	SOULP	3.0	0/0	4/4	14/9	3/3	20/14	28/15	
DK5MB	7,995	65	41	SOUHP	1.6	0/0	25/18	40/23	0/0	0/0	0/0	
DL6GCE (L)	7,749	64	41	SOULP	3.8	0/0	0/0	0/0	5/5	28/19	31/17	
DL2OCH (L)	7,740	67	43	SOULP	7.3	0/0	0/0	0/0	10/8	32/19	25/16	
DM1KM	6,840	63	38	SOUHP	4.6	0/0	13/8	13/7	10/7	9/6	18/10	
DK5TRI	6,786	59	39	SOULP	2.1	0/0	11/8	16/8	0/0	9/7	23/16	
DL8WJM	6,612	59	38	SOULP	2.6	0/0	0/0	0/0	9/8	8/7	42/23	
DK7XX	5,310	59	30	SOULP	2.3	0/0	0/0	0/0	0/0	5/4	54/26	
DL1YEG (L)	5,301	59	31	SOULP	4.7	0/0	1/1	34/15	0/0	23/14	1/1	
DJ3RA (L)	5,100	50	34	SOULP	2.1	0/0	0/0	0/0	0/0	35/21	15/13	
DLØPW (DL5MFW, op)	4,770	55	30	SOULP	3.8	0/0	0/0	0/0	0/0	38/17	17/13	
DL3RDM	4,410	49	30	SOULP	2.1	0/0	8/5	28/15	3/3	10/7	0/0	
DL1HUH	3,150	43	25	SOULP	3.0	0/0	0/0	31/14	3/3	9/8	0/0	
DJ2AX (L)	2,349	30	27	SOULP	1.1	0/0	0/0	2/2	10/10	10/9	8/6	
DJ3XM (L)	2,160	30	24	SOULP	1.4	0/0	0/0	0/0	0/0	5/5	25/19	
DK9DA	1,980	30	22	SOULP	2.4	0/0	0/0	0/0	4/4	14/10	12/8	
DLØOO (DL4MCA, op)	1,764	29	21	SOULP	2.1	0/0	0/0	24/17	0/0	0/0	5/4	
DF9YW (L)	1,740	29	20	SOULP	2.7	0/0	0/0	0/0	8/7	21/13	0/0	
DL8WAA	1,596	28	19	SOULP	0.5	0/0	6/5	22/14	0/0	0/0	0/0	
DL5OAB	1,134	22	18	SOUHP	1.5	0/0	0/0	16/12	1/1	4/4	1/1	
DL1JHR	1,020	20	17	SOULP	1.2	0/0	0/0	1/1	2/2	11/8	6/6	
DH4GB	816	18	17	SOUHP	1.3	0/0	0/0	0/0	7/6	11/11	0/0	
DM4AX	243	9	9	SOUHP	1.5	0/0	0/0	4/4	5/5	0/0	0/0	
DF2CH (L)	147	7	7	SOULP	0.3	0/0	0/0	0/0	0/0	5/5	2/2	
DJ3TF	390	14	10	SOHP-160	1.0	14/10	0/0	0/0	0/0	0/0	0/0	
DL7AT	4,902	91	19	SOUHP-160	4.9	91/19	0/0	0/0	0/0	0/0	0/0	
DL5KVV	576	16	12	SOUHP-160	2.4	16/12	0/0	0/0	0/0	0/0	0/0	
DAØT	2,820	48	20	SOUHP-80	0.7	0/0	48/20	0/0	0/0	0/0	0/0	
DK2LO	2,484	38	23	SOUHP-80	1.5	0/0	38/23	0/0	0/0	0/0	0/0	
DK2GZ (L)	2,376	36	22	SOULP-80	1.7	0/0	36/22	0/0	0/0	0/0	0/0	
DM7CW (L)	1,275	26	17	SOULP-80	8.8	0/0	26/17	0/0	0/0	0/0	0/0	
DL2TOS (L)	462	14	11	SOULP-80	2.2	0/0	14/11	0/0	0/0	0/0	0/0	
DK1VD	19,479	154	43	SOQRP-40	9.5	0/0	0/0	154/43	0/0	0/0	0/0	
DL2Ø25E (DL6KWN, op)	4,071	59	23	SOLP-40	2.9	0/0	0/0	59/23	0/0	0/0	0/0	
DL2TG (L)	2,700	50	18	SOLP-40	1.9	0/0	0/0	50/18	0/0	0/0	0/0	
DF1XC (L)	1,485	34	15	SOLP-40	1.6	0/0	0/0	34/15	0/0	0/0	0/0	

DJ5TT (L)	1,080	23	18	SOLP-40	1.2	0/0	0/0	23/18	0/0	0/0	0/0
DL1ATZ	966	24	14	SOHP-40	0.9	0/0	0/0	24/14	0/0	0/0	0/0
DF1LX (L)	31,878	232	46	SOUHP-40	6.1	0/0	0/0	232/46	0/0	0/0	0/0
DL4UNY	16,074	145	38	SOULP-40	4.1	0/0	0/0	145/38	0/0	0/0	0/0
DK2FG	12,960	123	36	SOUHP-40	3.3	0/0	0/0	123/36	0/0	0/0	0/0
DL1ASA	10,914	112	34	SOUHP-40	2.0	0/0	0/0	112/34	0/0	0/0	0/0
DLØTUM (DL3ON, op) (Y)	8,787	103	29	SOULP-40	1.5	0/0	0/0	103/29	0/0	0/0	0/0
DL9NEI (L)	3,087	51	21	SOUHP-40	1.4	0/0	0/0	51/21	0/0	0/0	0/0
DK4LX (L)	1,632	32	17	SOULP-40	1.1	0/0	0/0	32/17	0/0	0/0	0/0
DJØSP (L)	18,240	164	40	SOHP-20	9.9	0/0	0/0	0/0	164/40	0/0	0/0
DL9ZP	11,433	104	37	SOLP-20	9.9	0/0	0/0	0/0	104/37	0/0	0/0
DL5CC (L)	4,425	64	25	SOLP-20	6.5	0/0	0/0	0/0	64/25	0/0	0/0
DD5KG (L)	3,192	58	19	SOLP-20	2.2	0/0	0/0	0/0	58/19	0/0	0/0
DLØGEO (DL2YAK, op)	360	13	10	SOLP-20	1.8	0/0	0/0	0/0	13/10	0/0	0/0
DH9NAD	18	3	2	SOQRP-20	0.4	0/0	0/0	0/0	3/2	0/0	0/0
DAØBCC (DL1MGB, op)	39,150	294	45	SOUHP-20	2.8	0/0	0/0	0/0	294/45	0/0	0/0
DL3LJ	3,366	52	22	SOULP-20	4.6	0/0	0/0	0/0	52/22	0/0	0/0
DL5ME	44,043	285	53	SOLP-15	8.8	0/0	0/0	0/0	0/0	285/53	0/0
DL1CW	42,450	285	50	SOLP-15	10.0	0/0	0/0	0/0	0/0	285/50	0/0
DO6SR	14,580	140	36	SOLP-15	9.1	0/0	0/0	0/0	0/0	140/36	0/0
DL2TM	11,556	108	36	SOQRP-15	5.8	0/0	0/0	0/0	0/0	108/36	0/0
DJ1KW	10,152	95	36	SOLP-15	5.3	0/0	0/0	0/0	0/0	95/36	0/0
DL4XU	8,352	99	29	SOLP-15	7.6	0/0	0/0	0/0	0/0	99/29	0/0
DO2XU (L)	5,913	74	27	SOLP-15	6.7	0/0	0/0	0/0	0/0	74/27	0/0
DK9ZE	243	10	9	SOLP-15	0.5	0/0	0/0	0/0	0/0	10/9	0/0
DO6AN	216	9	8	SOQRP-15	0.2	0/0	0/0	0/0	0/0	9/8	0/0
DM5GG (L)	91,560	548	56	SOUHP-15	14.1	0/0	0/0	0/0	0/0	548/56	0/0
DL4CF	32,853	234	47	SOULP-15	16.1	0/0	0/0	0/0	0/0	234/47	0/0
DK2CX	15,351	119	43	SOUHP-15	3.0	0/0	0/0	0/0	0/0	119/43	0/0
DL3ZZA	7,524	66	38	SOUHP-15	3.3	0/0	0/0	0/0	0/0	66/38	0/0
DK5XG	3,969	49	27	SOULP-15	4.1	0/0	0/0	0/0	0/0	49/27	0/0
DJ9KH	36,864	259	48	SOLP-10	6.1	0/0	0/0	0/0	0/0	0/0	259/48
DL4AAE	14,016	146	32	SOLP-10	6.5	0/0	0/0	0/0	0/0	0/0	146/32
DL7VMM	12,636	108	39	SOHP-10	3.9	0/0	0/0	0/0	0/0	0/0	108/39
DHØGDS (L)	11,445	110	35	SOHP-10	8.2	0/0	0/0	0/0	0/0	0/0	110/35
DL6UD	10,800	80	45	SOHP-10	8.3	0/0	0/0	0/0	0/0	0/0	80/45
DL9GK (L)	10,593	109	33	SOLP-10	5.5	0/0	0/0	0/0	0/0	0/0	109/33
DK9ZQ	7,344	106	34	SOHP-10	9.0	0/0	0/0	0/0	0/0	0/0	106/34
DK5SF	4,941	62	27	SOLP-10	2.1	0/0	0/0	0/0	0/0	0/0	62/27
DJ8UL	3,456	50	24	SOLP-10	2.6	0/0	0/0	0/0	0/0	0/0	50/24
DL9MFY	3,180	53	20	SOLP-10	10.3	0/0	0/0	0/0	0/0	0/0	53/20
DF3SM	990	22	15	SOQRP-10	1.5	0/0	0/0	0/0	0/0	0/0	22/15
DF5DK	540	16	12	SOHP-10	0.7	0/0	0/0	0/0	0/0	0/0	16/12
DL1SWT	432	13	12	SOLP-10	0.6	0/0	0/0	0/0	0/0	0/0	13/12
DL2FAG	147	7	7	SOLP-10	0.2	0/0	0/0	0/0	0/0	0/0	7/7

DJ9AO	56,610	372	51	SOUHP-10	10.9	0/0	0/0	0/0	0/0	0/0	372/51	
DK1MAX	42,294	267	53	SOUHP-10	3.9	0/0	0/0	0/0	0/0	0/0	267/53	
DL1DAW	39,000	262	50	SOUHP-10	7.6	0/0	0/0	0/0	0/0	0/0	262/50	
DL1TS	38,640	281	46	SOULP-10	9.1	0/0	0/0	0/0	0/0	0/0	281/46	
DJ2RG	30,702	254	43	SOULP-10	9.0	0/0	0/0	0/0	0/0	0/0	254/43	
DF5EN	30,381	250	41	SOUHP-10	8.9	0/0	0/0	0/0	0/0	0/0	250/41	
DH8WE (L)	17,760	150	40	SOULP-10	4.1	0/0	0/0	0/0	0/0	0/0	150/40	
DF4WC (L)	17,673	138	43	SOULP-10	5.8	0/0	0/0	0/0	0/0	0/0	138/43	
DF6LQ (L)	16,320	137	40	SOULP-10	7.3	0/0	0/0	0/0	0/0	0/0	137/40	
DL2SBY (L)	15,330	148	35	SOUHP-10	7.6	0/0	0/0	0/0	0/0	0/0	148/35	
DL4JU (L)	13,992	107	44	SOULP-10	2.6	0/0	0/0	0/0	0/0	0/0	107/44	
DM3ZF	7,776	74	36	SOUHP-10	2.0	0/0	0/0	0/0	0/0	0/0	74/36	
DL6EZ (L)	6,975	77	31	SOULP-10	5.0	0/0	0/0	0/0	0/0	0/0	77/31	
DF7JC (L)	4,032	64	21	SOULP-10	1.5	0/0	0/0	0/0	0/0	0/0	64/21	
DK9HE	3,816	55	24	SOUHP-10	2.8	0/0	0/0	0/0	0/0	0/0	55/24	
DL6LZM (L)	2,016	38	21	SOULP-10	15.1	0/0	0/0	0/0	0/0	0/0	38/21	
DL1GRC (L)	1,428	30	17	SOULP-10	1.7	0/0	0/0	0/0	0/0	0/0	30/17	
DJ6TB	1,224	24	17	SOUHP-10	0.9	0/0	0/0	0/0	0/0	0/0	24/17	
Finland												
OH7K (OH7MA, op)	352,764	731	164	SOHP	23.9	0/0	12/8	192/43	190/44	298/50	39/19	
OH1VR	106,554	305	118	SOLP	13.8	0/0	0/0	49/28	59/26	118/39	79/25	
OH2KI	88,200	302	100	SOHP	10.0	0/0	0/0	7/6	70/22	121/40	104/32	
OH3HS (L)	6,882	62	37	SOLP	6.6	0/0	0/0	1/1	6/6	15/12	40/18	
OG1F (OH1TM, op)	1,667,880	2,280	246	SOUHP	39.2	0/0	62/21	436/55	401/56	807/59	574/55	
OH2XX	235,578	503	158	SOUHP	10.6	0/0	20/14	120/40	55/28	179/42	129/34	
OG5O	194,712	459	152	SOUHP	18.0	0/0	0/0	71/37	78/31	175/47	135/37	
OH6OS	136,068	395	116	SOUHP	7.7	0/0	0/0	12/11	36/25	257/49	90/31	
OH5BE	94,752	226	141	SOUHP	11.0	0/0	0/0	51/36	43/29	58/42	74/34	
OH1D	89,775	327	95	SOUHP	5.1	0/0	0/0	170/34	19/12	24/15	114/34	
OH3RF	89,424	282	108	SOUHP	12.4	0/0	0/0	18/15	59/28	74/32	131/33	
OH2KW	71,004	248	97	SOUHP	6.6	0/0	3/3	49/28	50/25	143/38	3/3	
OH5BQ	22,989	98	79	SOUHP	4.4	0/0	0/0	5/5	32/25	47/36	14/13	
OH2N	20,862	122	57	SOUHP	2.9	0/0	0/0	4/4	6/6	74/29	38/18	
OH1RX	18,720	106	60	SOULP	6.2	0/0	1/1	35/19	17/11	50/27	3/2	
OH3OJ	1,530	30	17	SOHP-40	0.6	0/0	0/0	30/17	0/0	0/0	0/0	
OH5UQ (L)	75	5	5	SOLP-40	0.3	0/0	0/0	5/5	0/0	0/0	0/0	
OH8L (OH8LQ, op)	164,079	974	59	SOHP-20	33.1	0/0	0/0	0/0	974/59	0/0	0/0	
OH6NIO	2,709	43	21	SOULP-20	0.6	0/0	0/0	0/0	43/21	0/0	0/0	
OG6N (OH6NIO, op)	66,660	405	55	SOUHP-15	8.3	0/0	0/0	0/0	0/0	405/55	0/0	
OH/DL2VFR	8,556	93	31	SOLP-10	6.3	0/0	0/0	0/0	0/0	0/0	93/31	
OH8A (OH8WW, op)	93,879	570	57	SOUHP-10	13.1	0/0	0/0	0/0	0/0	0/0	570/57	
OG9X	76,437	458	57	SOUHP-10	20.0	0/0	0/0	0/0	0/0	0/0	458/57	
OH3KAV	5,616	72	26	SOULP-10	2.7	0/0	0/0	0/0	0/0	0/0	72/26	
France												
TM9C (F5OHM, op)	271,122	631	146	SOHP	9.5	0/0	94/29	378/49	13/11	70/29	76/28	

F5SGI	242,274	545	149	SOLP	15.1	0/0	11/7	148/33	150/39	184/43	52/27	
F4BDG	215,688	487	152	SOHP	16.3	0/0	4/4	56/23	136/38	160/43	131/44	
F5JU (L)	139,968	326	144	SOLP	14.1	0/0	28/18	42/25	70/31	103/41	83/29	
F5MQU (L)	101,790	301	117	SOLP	16.3	0/0	15/12	87/24	81/25	63/28	55/28	
F6DCQ (L)	92,220	265	116	SOLP	4.3	0/0	12/9	44/19	85/28	59/30	65/30	
F5VV	85,767	272	113	SOLP	15.3	0/0	17/13	38/22	37/18	82/30	98/30	
F5MBM	85,386	273	107	SOHP	10.2	0/0	19/12	45/17	41/15	108/35	60/28	
F5MGD	73,428	216	116	SOLP	7.7	0/0	14/9	32/21	43/19	78/37	49/30	
F5PYJ (L)	54,372	204	92	SOHP	5.6	0/0	8/7	0/0	59/28	113/41	24/16	
F6FTB	45,504	160	96	SOLP	7.4	0/0	28/19	25/18	7/7	31/22	69/30	
F5VBU (L)	44,073	187	83	SOLP	11.1	0/0	42/20	50/18	39/15	48/23	8/7	
F5OZC	26,838	132	71	SOLP	6.6	0/0	0/0	48/28	37/16	28/15	19/12	
F6FET	24,150	118	70	SOLP	6.8	0/0	8/5	29/15	35/20	30/20	16/10	
F5MMB (L)	21,507	109	67	SOLP	4.5	0/0	5/5	31/17	19/12	36/20	18/13	
F4GOP (L)	18,768	92	68	SOLP	5.4	0/0	0/0	21/19	35/22	30/21	6/6	
F6JOE	14,469	91	53	SOLP	4.2	0/0	17/13	35/15	20/12	19/13	0/0	
F5ROX (L)	9,234	65	54	SOLP	3.1	0/0	10/9	7/6	18/16	6/5	24/18	
F5IAE (L)	8,979	74	41	SOLP	2.7	0/0	0/0	27/12	10/7	37/22	0/0	
F4LTV (L)	5,772	57	37	SOLP	5.5	0/0	0/0	0/0	9/6	23/16	25/15	
F5BTH	4,860	50	36	SOHP	6.2	0/0	0/0	0/0	6/6	37/23	7/7	
F5OKB	3,042	42	26	SOLP	3.1	0/0	0/0	33/18	0/0	1/1	8/7	
F8EHJ	1,953	31	21	SOLP	1.6	0/0	0/0	16/9	0/0	15/12	0/0	
F5TFW	1,620	29	20	SOLP	2.3	0/0	7/6	2/2	1/1	15/8	4/3	
F5JJA	1,215	27	15	SOLP	2.0	0/0	0/0	3/3	0/0	0/0	24/12	
F4DVO (L)	1,080	20	18	SOLP	0.8	0/0	0/0	7/7	0/0	10/9	3/2	
F5IQJ	918	20	18	SOQRP	1.2	0/0	2/2	0/0	0/0	8/6	10/10	
TM2Y (F6BEE, op)	2,848,815	3,250	295	SOUHP	36.5	109/31	292/46	634/53	576/52	751/55	888/58	
TM7A (F6AGM, op)	1,855,455	2,184	287	SOUHP	33.7	42/19	219/47	541/54	396/54	606/56	380/57	
TM1A (F4IEY, op @F6KGL)	897,156	1,439	213	SOUHP	29.3	0/0	61/22	162/42	318/45	497/51	401/53	
F6IRA	827,502	1,346	206	SOUHP	21.1	0/0	0/0	193/44	413/53	339/53	401/56	
F5NKX	474,390	766	210	SOULP	22.3	10/10	94/30	143/35	165/42	186/47	168/46	
F5VHY (L)	364,728	670	182	SOUHP	14.9	0/0	61/27	93/35	152/37	128/40	236/43	
F8CRS	351,054	598	197	SOULP	10.0	5/5	38/22	46/27	126/39	168/53	215/51	
F5OQK	262,362	609	146	SOULP	14.0	0/0	0/0	64/19	142/34	167/47	236/46	
F4DNW	216,240	536	136	SOUHP	9.5	0/0	0/0	32/19	111/30	122/39	271/48	
F6FLU	192,528	392	168	SOUHP	12.3	0/0	0/0	96/36	97/38	122/47	77/47	
F6BLP	152,427	345	149	SOUHP	11.5	0/0	64/30	80/34	36/23	103/40	62/22	
F4ACR	151,008	427	121	SOULP	11.5	0/0	0/0	104/22	163/33	78/34	82/32	
F4HRM	131,772	286	158	SOUHP	10.4	0/0	0/0	93/39	53/29	75/46	65/44	
F5SDH	129,687	313	139	SOULP	9.8	0/0	15/12	73/27	77/26	79/37	69/37	
F8FTY	113,490	295	130	SOULP	9.2	0/0	13/11	62/25	52/24	84/38	84/32	
F4FFH (L)	109,746	276	134	SOULP	12.4	0/0	0/0	82/37	25/17	50/33	119/47	
F8AOF	109,173	247	151	SOUQRP	11.2	0/0	0/0	53/25	42/36	62/43	90/47	
F6HDI	104,949	303	117	SOUHP	7.5	0/0	0/0	49/21	64/25	95/36	95/35	
F4CVQ	92,820	250	130	SOULP	13.0	0/0	0/0	42/27	76/33	102/45	30/25	

F5RDS	42,471	146	99	SOUHP	6.6	0/0	0/0	9/8	49/24	58/42	30/25
F8DFP	40,764	163	86	SOUHP	6.7	0/0	0/0	31/17	42/23	51/26	39/20
F5PHW	40,608	188	72	SOUHP	1.5	0/0	1/1	25/25	0/0	0/0	162/46
F4VVG (L)	40,506	161	86	SOULP	3.3	0/0	0/0	24/13	26/18	57/27	54/28
F4HPX (L)	31,302	145	74	SOUHP	6.4	0/0	22/15	9/7	23/12	82/33	9/7
TM5DX (F4HAU, op)	20,880	87	80	SOULP	1.8	0/0	0/0	5/5	28/24	31/28	23/23
F4WEM	15,228	100	54	SOULP	5.8	0/0	0/0	42/25	1/1	0/0	57/28
F4GYM	12,213	75	59	SOULP	6.9	0/0	0/0	0/0	24/18	22/18	29/23
F3WT (L)	9,180	63	51	SOUHP	6.1	0/0	5/5	14/11	11/9	17/12	16/14
F4AXK	4,968	46	36	SOULP	7.0	0/0	0/0	10/9	2/2	21/16	13/9
F4GFT (L)	12	2	2	SOULP	0.1	0/0	0/0	0/0	1/1	1/1	0/0
F8PDR	13,038	108	41	SOHP-40	4.3	0/0	0/0	108/41	0/0	0/0	0/0
F5NLY (L)	8,568	85	34	SOLP-40	6.8	0/0	0/0	85/34	0/0	0/0	0/0
TM4W (F4DXW, op)	196,380	1,110	60	SOUHP-20	31.1	0/0	0/0	0/0	1,110/60	0/0	0/0
F5PAL	42,723	308	47	SOUHP-20	6.8	0/0	0/0	0/0	308/47	0/0	0/0
F4IXM (L)	21,528	187	39	SOULP-20	13.5	0/0	0/0	0/0	187/39	0/0	0/0
F6ARC	166,518	966	58	SOHP-15	17.2	0/0	0/0	0/0	0/0	966/58	0/0
TM6M (F1AKK, op)	252,933	1,435	59	SOUHP-15	20.4	0/0	0/0	0/0	0/0	1,435/59	0/0
F5OGL	123,444	810	54	SOHP-10	13.4	0/0	0/0	0/0	0/0	0/0	810/54
F5PHY	49,050	329	50	SOHP-10	9.3	0/0	0/0	0/0	0/0	0/0	329/50
F5MLJ	7,920	84	33	SOLP-10	3.7	0/0	0/0	0/0	0/0	0/0	84/33
F6API	2,622	48	19	SOLP-10	4.0	0/0	0/0	0/0	0/0	0/0	48/19
F5MDY (L)	561	17	11	SOQRP-10	1.2	0/0	0/0	0/0	0/0	0/0	17/11
F5MUX	230,631	1,309	59	SOUHP-10	16.6	0/0	0/0	0/0	0/0	0/0	1,309/59
TM1W	205,320	1,165	59	SOUHP-10	16.3	0/0	0/0	0/0	0/0	0/0	1,165/59
F5NBX	111,210	688	55	SOUHP-10	6.1	0/0	0/0	0/0	0/0	0/0	688/55
F6AUS (L)	19,737	153	43	SOUHP-10	7.2	0/0	0/0	0/0	0/0	0/0	153/43
Greece											
SV1RUX	44,460	190	78	SOLP	13.5	0/0	0/0	0/0	21/12	76/32	93/34
SV1IU	44,352	182	84	SOLP	11.5	0/0	0/0	38/18	56/23	23/15	65/28
SV1CEI (L)	27,945	136	69	SOLP	8.5	0/0	0/0	62/28	12/7	57/29	5/5
SV1FJP	25,452	107	84	SOHP	10.1	0/0	8/8	38/24	13/10	28/28	20/14
SV1JFL (L)	13,515	86	53	SOLP	8.2	0/0	0/0	31/15	13/12	33/19	9/7
SV1NZB	6,270	58	38	SOLP	6.8	0/0	0/0	20/11	24/15	11/9	3/3
SV2TCB (Y)	5,292	62	36	SOLP	2.5	0/0	0/0	0/0	14/9	3/3	45/24
SV8LMQ (L)	5,280	60	40	SOLP	6.0	0/0	2/2	40/22	10/9	8/7	0/0
SV1JG	465,000	794	200	SOUHP	16.4	0/0	49/23	273/48	245/42	120/47	107/40
SV8OVJ (L)	205,758	516	138	SOULP	21.5	0/0	13/10	230/38	22/16	101/36	150/38
SV1AZL (L)	160,380	435	132	SOUHP	26.3	0/0	0/0	87/28	76/22	132/42	140/40
SV2AEL	125,904	353	122	SOULP	11.9	0/0	0/0	58/23	87/28	101/35	107/36
SV1DAY	119,634	318	127	SOULP	8.7	0/0	0/0	41/22	133/31	94/38	50/36
SV8SXV (L)	31,200	130	80	SOULP	10.0	0/0	24/17	41/20	37/20	18/14	10/9
SV1PMQ	28,566	142	69	SOUHP	6.7	0/0	1/1	43/24	14/13	84/31	0/0
SV8DAW (L)	16,704	110	58	SOULP	8.1	0/0	2/2	34/18	37/17	31/16	6/5
SV1SYM	6,615	52	49	SOULP	4.4	0/0	0/0	10/10	9/9	20/19	13/11

SV1ABB	2,448	36	24	SOUHP	1.8	0/0	3/2	16/12	16/9	1/1	0/0
SV8IIR	2,376	35	24	SOUHP	2.2	0/0	0/0	12/7	8/7	0/0	15/10
SV2JAO	3,762	62	22	SOHP-80	1.2	0/0	62/22	0/0	0/0	0/0	0/0
SV2DSJ	6,237	81	27	SOLP-40	2.3	0/0	0/0	81/27	0/0	0/0	0/0
SV2BBK (L)	3	1	1	SOLP-40	0.1	0/0	0/0	1/1	0/0	0/0	0/0
SV1BJW	21,912	166	44	SOULP-15	8.0	0/0	0/0	0/0	0/0	166/44	0/0
SV8SXF (L)	60	5	4	SOULP-15	0.8	0/0	0/0	0/0	0/0	5/4	0/0
SV8TCK	6,090	71	29	SOULP-10	2.5	0/0	0/0	0/0	0/0	0/0	71/29
SV2CLJ (L)	2,820	47	20	SOULP-10	2.9	0/0	0/0	0/0	0/0	0/0	47/20
Guernsey											
MU5E (GU4YOX, op)	35,793	293	41	SOUHP-80	7.5	0/0	293/41	0/0	0/0	0/0	0/0
GU4CHY (L)	82,362	525	53	SOHP-15	7.9	0/0	0/0	0/0	0/0	525/53	0/0
GUØUVH (L)	2,376	36	22	SOLP-10	3.3	0/0	0/0	0/0	0/0	0/0	36/22
Hungary											
HA7UI	521,700	952	188	SOLP	25.7	0/0	92/28	211/40	163/32	237/46	249/42
HA2EOU (L)	101,244	287	118	SOLP	12.2	0/0	17/12	56/28	19/12	91/34	104/32
HA1TV	66,834	239	94	SOLP	19.3	0/0	6/6	106/28	14/10	64/27	49/23
HA5BA	64,260	210	102	SOQRP	7.5	0/0	18/10	43/21	18/11	69/33	62/27
HA8LNN	62,886	228	94	SOLP	5.4	0/0	0/0	61/29	32/23	0/0	135/42
HG75MAV (HA5BSW, op) (L)	42,504	192	77	SOLP	6.9	0/0	0/0	93/31	4/4	34/19	61/23
HA6ON	8,058	80	34	SOLP	1.6	0/0	26/13	54/21	0/0	0/0	0/0
HA5AX (L)	3,159	41	27	SOLP	4.3	0/0	0/0	5/4	1/1	17/13	18/9
HG7J	2,016	32	21	SOQRP	2.2	0/0	3/3	24/13	2/2	1/1	2/2
HA5GAL (L)	300	12	10	SOLP	1.5	0/0	0/0	0/0	0/0	5/4	7/6
HG3N (HA3LN, op)	2,341,854	2,812	281	SOUHP	41.6	53/17	247/39	632/54	471/55	711/58	698/58
HA3NU	1,450,008	1,935	252	SOULP	36.4	13/11	107/30	611/52	338/49	393/55	473/55
HG5D (HA8QZ, op)	784,368	1,280	208	SOUHP	22.8	0/0	0/0	264/48	264/49	393/58	359/53
HA8LCA (L)	626,052	1,060	203	SOULP	28.2	16/9	146/29	220/44	155/37	332/47	191/37
HA2VH	265,428	631	146	SOUHP	12.6	0/0	32/14	105/25	174/38	175/38	145/31
HA6NL (L)	249,120	521	160	SOULP	18.6	0/0	59/24	152/38	84/27	155/43	71/28
HA3OU (L)	231,336	462	168	SOUHP	19.1	0/0	50/21	169/39	63/24	95/46	85/38
HA1ZN (L)	212,544	447	164	SOULP	17.3	0/0	70/26	71/29	94/31	114/41	98/37
HA6KG	211,479	450	157	SOUHP	19.0	0/0	3/3	74/28	113/37	159/49	101/40
HA7I (HA7JTR, op)	204,267	500	137	SOUHP	6.5	0/0	0/0	6/5	166/41	215/54	113/37
HA2NA	188,190	411	153	SOUHP	6.9	0/0	0/0	53/23	109/39	208/54	41/37
HA5UX (L)	153,873	387	139	SOUHP	17.9	0/0	29/14	91/35	93/26	84/35	90/29
HG6O (HA6OA, op)	100,233	303	111	SOULP	4.9	0/0	0/0	1/1	61/32	170/47	71/31
HA3IC (L)	96,102	285	114	SOUHP	15.6	0/0	20/15	70/27	38/17	43/23	114/32
HA3GC	81,000	275	100	SOULP	15.5	0/0	0/0	79/28	30/17	94/31	72/24
HA1RJ	73,041	258	97	SOULP	12.3	0/0	1/1	27/15	17/11	140/41	73/29
HA3MG	72,900	273	90	SOULP	22.7	0/0	5/5	85/25	38/16	57/21	88/23
HA3HX (L)	58,608	229	88	SOULP	10.8	0/0	16/9	17/11	10/8	80/32	106/28
HA1TNX	57,603	211	91	SOULP	6.0	0/0	7/5	59/23	14/10	43/24	88/29
HA5OO	50,358	221	77	SOULP	8.6	0/0	1/1	40/18	35/15	0/0	145/43
HA7PO	43,608	190	79	SOUHP	5.3	0/0	0/0	31/17	7/6	72/34	80/22

HA5UA	32,850	224	50	SOUHP	6.2	0/0	45/19	179/31	0/0	0/0	0/0
HA8IH	17,112	126	46	SOULP	7.6	0/0	46/19	80/27	0/0	0/0	0/0
HG25TISZA (HA7VK, op)	15,390	118	45	SOUHP	2.9	0/0	0/0	0/0	3/3	51/20	64/22
HA8KM	14,196	113	52	SOULP	7.8	0/0	0/0	0/0	5/5	51/24	57/23
HA5MIG (L)	13,500	95	50	SOULP	3.8	0/0	0/0	0/0	23/14	14/10	58/26
HA5SF	324	12	9	SOUQRP	0.9	0/0	0/0	0/0	2/2	0/0	10/7
HAØNAR	90	8	5	SOULP-160	0.9	8/5	0/0	0/0	0/0	0/0	0/0
HA1TJ	72,312	526	46	SOUHP-80	15.1	0/0	526/46	0/0	0/0	0/0	0/0
HA9RP	18,840	159	40	SOLP-40	9.0	0/0	0/0	159/40	0/0	0/0	0/0
HA8IB	124,152	749	56	SOUHP-40	20.8	0/0	0/0	749/56	0/0	0/0	0/0
HA7A	120,999	803	53	SOUHP-40	19.0	0/0	0/0	803/53	0/0	0/0	0/0
HA7RY	118,455	753	53	SOUHP-40	17.5	0/0	0/0	753/53	0/0	0/0	0/0
HA2KMR (L)	108,108	709	52	SOUHP-40	16.3	0/0	0/0	709/52	0/0	0/0	0/0
HA8FK	101,088	650	52	SOUHP-40	16.7	0/0	0/0	650/52	0/0	0/0	0/0
HA8L (HA8RD, op) (L)	59,280	394	52	SOUHP-40	10.6	0/0	0/0	394/52	0/0	0/0	0/0
HA8WY	14,454	146	33	SOULP-40	5.3	0/0	0/0	146/33	0/0	0/0	0/0
HGØY (HA7GN, op)	176,220	989	60	SOUHP-20	34.2	0/0	0/0	0/0	989/60	0/0	0/0
HG5E	149,625	885	57	SOUHP-20	28.5	0/0	0/0	0/0	885/57	0/0	0/0
HA8TP (L)	9,450	106	30	SOUHP-20	4.5	0/0	0/0	0/0	106/30	0/0	0/0
HG5O (HA5OB, op)	2,565	45	19	SOUQRP-20	2.7	0/0	0/0	0/0	45/19	0/0	0/0
HG6C (HA6IAM, op)	15,000	131	40	SOQRP-15	9.6	0/0	0/0	0/0	0/0	131/40	0/0
HA9RC	7,812	84	31	SOLP-15	4.3	0/0	0/0	0/0	0/0	84/31	0/0
HA1VHF (HA1WD, op)	4,620	55	28	SOLP-15	1.5	0/0	0/0	0/0	0/0	55/28	0/0
HA9MDN (L)	4,290	55	26	SOLP-15	4.9	0/0	0/0	0/0	0/0	55/26	0/0
HA5JI	194,760	1,086	60	SOUHP-15	18.1	0/0	0/0	0/0	0/0	1,086/60	0/0
HG9X (HA9AX, op)	90,720	575	54	SOULP-15	13.9	0/0	0/0	0/0	0/0	575/54	0/0
HA5GF (L)	59,565	365	55	SOUHP-15	13.6	0/0	0/0	0/0	0/0	365/55	0/0
HG1S (HA1DAE, op)	57,627	340	57	SOUQRP-15	15.3	0/0	0/0	0/0	0/0	340/57	0/0
HG7Y	51,072	305	56	SOUHP-15	4.9	0/0	0/0	0/0	0/0	305/56	0/0
HAØHV	46,170	290	54	SOULP-15	10.6	0/0	0/0	0/0	0/0	290/54	0/0
HA9TA	20,064	154	44	SOULP-15	11.3	0/0	0/0	0/0	0/0	154/44	0/0
HA5OB	3,510	45	26	SOUQRP-15	1.7	0/0	0/0	0/0	0/0	45/26	0/0
HA6QU (L)	270	10	9	SOUQRP-15	0.8	0/0	0/0	0/0	0/0	10/9	0/0
HA5HK (L)	2,646	65	21	SOLP-10	9.1	0/0	0/0	0/0	0/0	0/0	65/21
HA5PP	85,860	533	54	SOULP-10	17.9	0/0	0/0	0/0	0/0	0/0	533/54
HA8TKS	62,169	395	53	SOULP-10	11.8	0/0	0/0	0/0	0/0	0/0	395/53
HA8CQ	12,672	131	33	SOULP-10	5.7	0/0	0/0	0/0	0/0	0/0	131/33
Iceland											
TF3W (TF3CW, op)	337,770	829	139	SOHP	8.7	0/0	0/0	0/0	140/39	371/52	318/48
TF3SG	267,216	611	152	SOHP	13.6	2/2	15/10	72/27	227/47	159/32	136/34
TF3EO	69,660	287	86	SOLP	10.4	0/0	0/0	0/0	95/29	145/39	47/18
TF3DC (L)	21,186	108	66	SOULP	3.5	0/0	0/0	12/9	26/17	52/29	18/11
TF2R (OZ2I, op)	106,920	664	54	SOLP-20	19.6	0/0	0/0	0/0	664/54	0/0	0/0
Ireland											
EI7M (EI6JK, op)	2,748,384	3,241	288	SOHP	36.8	131/31	327/41	804/55	604/52	670/54	705/55

EI8X (EI5KF, op)	743,214	1,294	194	SOLP	21.0	26/12	123/24	296/40	183/33	413/46	253/39	
EI4II	141,450	423	115	SOLP	13.8	0/0	0/0	55/23	96/26	101/32	171/34	
EI2KA	118,125	388	105	SOHP	6.5	0/0	0/0	0/0	136/33	174/40	78/32	
EI5DI	114,510	350	110	SOLP	5.5	0/0	7/6	23/14	30/18	105/32	185/40	
EI2FG	82,368	265	104	SOULP	9.7	0/0	0/0	24/13	92/29	61/29	88/33	
EI5KG	62,901	246	87	SOUHP	6.2	2/2	31/15	41/21	26/11	145/37	1/1	
EI4KX	35,259	167	73	SOULP	15.5	0/0	6/5	29/15	51/20	60/21	21/12	
EI6KW (L)	5,616	50	39	SOULP	3.4	0/0	0/0	18/9	0/0	15/15	17/15	
EI8KW (Y)	2,070	30	23	SOULP	1.9	0/0	11/9	6/3	0/0	9/7	4/4	
EI2GLB (L)	2,772	42	22	SOUHP-80	1.6	0/0	42/22	0/0	0/0	0/0	0/0	
EI6FR	141,462	817	58	SOUHP-15	17.5	0/0	0/0	0/0	0/0	817/58	0/0	
Isle of Man												
MD4K (G3NKC, op)	1,737,288	2,355	252	SOHP	34.3	82/21	311/42	345/42	368/44	641/52	608/51	
MDØCCE	1,388,214	2,011	233	SOHP	24.2	6/5	190/28	227/43	541/49	468/53	579/55	
Italy												
II8K (IZ8EPX, op)	1,512,756	1,967	261	SOHP	31.6	41/19	131/29	478/52	468/52	361/54	488/55	
IK3VUT	549,780	991	187	SOHP	16.1	0/0	41/19	127/38	313/41	257/49	253/40	
IU8RIA	491,400	945	180	SOLP	25.6	1/1	46/18	251/44	246/39	174/37	227/41	
IK1JIM	425,292	863	166	SOLP	18.9	0/0	13/10	187/33	234/37	171/41	258/45	
IKØISD (L)	189,126	484	133	SOLP	14.1	0/0	0/0	66/19	134/32	140/43	144/39	
IKØYUT	128,235	419	103	SOLP	6.4	0/0	0/0	2/2	124/32	143/36	150/33	
IZ2OOS	117,882	341	118	SOLP	25.3	0/0	1/1	81/32	82/25	82/28	95/32	
I4JED	114,363	296	131	SOHP	9.8	0/0	0/0	65/27	62/28	92/40	77/36	
IK1BPL	112,893	318	121	SOLP	13.2	0/0	7/7	95/29	69/26	66/30	81/29	
IK1RGK	102,717	308	113	SOLP	9.2	0/0	0/0	3/3	57/29	172/47	76/34	
IK1XPK (L)	102,492	297	117	SOLP	10.6	0/0	0/0	37/18	52/20	113/41	95/38	
IKØTUM	85,365	272	105	SOLP	13.1	0/0	0/0	64/25	59/23	50/24	99/33	
IZ6BTN (L)	65,088	197	113	SOLP	7.8	0/0	0/0	90/38	18/16	47/36	42/23	
II2M (IK2UEX, op)	64,428	241	91	SOLP	10.2	0/0	0/0	0/0	110/34	86/35	45/22	
IK4RVY (L)	63,000	220	105	SOLP	9.4	0/0	0/0	38/24	25/16	57/31	100/34	
IK7NXU	59,220	211	94	SOHP	10.2	0/0	0/0	38/19	86/28	41/23	46/24	
IK4MTF (L)	57,204	230	84	SOLP	8.0	0/0	0/0	27/16	116/29	68/28	19/11	
IK6OIN	56,964	216	94	SOLP	21.6	0/0	0/0	47/20	51/21	53/26	65/27	
IK5BDG (L)	48,555	203	83	SOLP	15.2	0/0	0/0	30/12	37/18	66/27	70/26	
IW2NOY	46,080	129	120	SOLP	4.7	0/0	0/0	16/14	21/20	48/45	44/41	
IK6XEJ	38,868	161	82	SOLP	17.9	0/0	0/0	31/14	27/15	67/29	36/24	
IZ5AHB	32,400	152	72	SOLP	9.7	0/0	0/0	42/20	12/7	35/19	63/26	
IZ7XIB	32,256	128	84	SOLP	7.6	0/0	0/0	0/0	48/27	51/32	29/25	
IK2AIT	27,300	141	70	SOLP	10.8	0/0	0/0	30/15	34/15	34/19	43/21	
IZ2MGN (L)	26,136	125	72	SOLP	3.1	0/0	29/18	42/22	1/1	0/0	53/31	
I2IOJ (L)	24,156	131	66	SOLP	5.8	0/0	3/3	64/20	25/15	26/18	13/10	
IU6DVS	23,718	122	67	SOLP	14.5	0/0	0/0	23/13	24/14	51/24	24/16	
IB4B	20,412	110	63	SOLP	8.0	0/0	0/0	0/0	19/12	55/29	36/22	
IK1RAG	20,274	112	62	SOLP	4.4	0/0	0/0	0/0	35/17	21/15	56/30	
IK4DRU (L)	19,116	110	59	SOLP	8.7	0/0	8/5	44/19	20/11	24/12	14/12	

IK3MLF	18,744	89	71	SOLP	5.3	0/0	7/6	18/13	17/14	21/15	26/23
IZ4IRR	18,144	96	84	SOLP	7.6	0/0	0/0	27/22	22/21	26/22	21/19
IUØDHV (L)	17,892	87	71	SOLP	5.5	0/0	0/0	18/13	24/15	21/20	24/23
IZ6WSJ	16,200	94	60	SOLP	8.3	0/0	0/0	0/0	9/5	46/30	39/25
IUØPXN	15,189	87	61	SOLP	6.6	0/0	0/0	29/17	22/16	17/14	19/14
IZ2ABZ	14,208	82	74	SOLP	5.1	0/0	0/0	2/2	21/18	37/33	22/21
IQ6MC (L)	9,522	74	46	SOLP	5.2	0/0	0/0	5/5	29/15	16/11	24/15
IK2SAR	8,505	69	45	SOHP	6.6	0/0	0/0	29/19	5/5	35/21	0/0
IK8PGM	6,324	68	31	SOLP	5.5	0/0	0/0	0/0	0/0	44/19	24/12
IT9NOV (L)	6,216	60	37	SOLP	5.4	0/0	0/0	13/10	26/13	2/2	19/12
IKØALT (L)	5,850	51	39	SOLP	4.8	0/0	3/3	20/17	28/19	0/0	0/0
IK2QIK (L)	5,304	53	34	SOLP	4.6	0/0	0/0	14/8	5/4	11/8	23/14
IU5HES	4,968	47	36	SOLP	2.7	0/0	0/0	0/0	0/0	34/24	13/12
IK3BVD	4,950	50	33	SOLP	4.6	0/0	0/0	27/16	0/0	20/15	3/2
IU3EGK	4,590	49	34	SOLP	5.2	0/0	0/0	0/0	7/5	21/16	21/13
IK7LMX	4,350	50	29	SOLP	2.0	0/0	0/0	0/0	0/0	7/6	43/23
IX1HPN (L)	4,200	60	35	SOLP	4.5	0/0	0/0	0/0	26/12	9/8	25/15
IK2AUK (L)	4,185	46	31	SOLP	4.5	0/0	0/0	19/10	7/7	18/13	2/1
IK4LLX (L)	3,960	49	30	SOLP	5.4	0/0	0/0	24/12	2/2	0/0	23/16
IU1QZX (L)	3,510	48	26	SOLP	7.2	0/0	0/0	0/0	0/0	28/13	20/13
IU6AIG	3,420	38	30	SOLP	3.4	0/0	0/0	0/0	2/2	21/16	15/12
IOØW (L)	3,306	39	29	SOLP	2.8	0/0	0/0	0/0	0/0	25/17	14/12
IV3JKE (L)	2,664	42	24	SOLP	5.5	0/0	0/0	22/12	0/0	0/0	20/12
IN3ISV	2,400	35	25	SOHP	1.7	0/0	0/0	0/0	18/11	4/4	13/10
IT9AJP	2,250	31	25	SOLP	1.6	0/0	0/0	7/7	10/8	13/9	1/1
II7A (I7ALE, op)	1,767	33	19	SOHP	3.6	0/0	0/0	0/0	15/8	8/6	10/5
IK2AVH	1,575	25	21	SOHP	0.9	0/0	0/0	2/2	15/11	0/0	8/8
IZØCKJ (L)	864	18	16	SOHP	0.8	0/0	0/0	7/5	2/2	7/7	2/2
IK2UJF	714	17	14	SOLP	1.9	0/0	0/0	0/0	0/0	10/7	7/7
IUØJZI	390	13	10	SOLP	1.8	0/0	0/0	2/2	1/1	10/7	0/0
IK2IKW	48	4	4	SOLP	0.3	0/0	0/0	0/0	0/0	4/4	0/0
II2Q (IK2PFL, op)	3,665,328	4,066	304	SOUHP	40.4	86/30	404/44	891/56	785/56	959/59	941/59
IQ2DN (IZ2DII, op)	1,074,744	1,533	236	SOUHP	32.1	2/2	112/29	382/47	318/49	347/54	372/55
IK2SND	932,178	1,422	221	SOUHP	27.2	0/0	79/28	330/46	317/42	354/52	342/53
IO3F (IZ3SQW, op)	841,302	1,222	231	SOUHP	21.7	12/12	85/24	151/45	374/51	266/50	334/49
IK3ORD	615,120	940	220	SOUHP	24.0	10/9	84/28	271/49	193/41	206/52	176/41
IP4A (L)	545,220	948	195	SOUHP	24.1	0/0	97/30	255/39	188/34	236/49	172/43
IK1PMR	539,163	1,054	171	SOUHP	18.9	0/0	0/0	25/20	342/46	304/54	383/51
IO3T (IK3QAR, op)	488,133	911	179	SOUHP	9.2	0/0	10/10	150/31	184/45	269/47	298/46
IZ3NYG	487,620	874	189	SOUHP	22.7	0/0	78/23	335/46	118/41	212/42	131/37
IO8O (IK8UND, op)	476,163	836	191	SOULP	16.9	0/0	51/18	220/43	168/38	156/49	241/43
I2SVA	457,452	795	194	SOUHP	16.3	2/2	61/26	62/29	205/40	141/46	324/51
IK2XDE	417,960	784	180	SOUHP	20.8	0/0	28/16	135/32	221/39	231/51	169/42
I1NVU	356,916	618	196	SOULP	21.7	0/0	33/20	156/40	137/39	166/50	126/47
IK3SWB	279,774	476	198	SOUHP	13.1	27/15	80/30	117/41	80/34	112/42	60/36

IZ2DLV	251,160	462	184	SOUHP	8.4	1/1	34/18	98/42	61/28	116/45	152/50
IK2ULV	237,948	508	158	SOULP	21.5	0/0	34/18	133/30	109/32	132/44	100/34
IT9ATF	226,044	468	161	SOULP	13.4	0/0	0/0	76/32	149/38	161/51	82/40
IP3U	209,664	441	168	SOUHP	11.3	0/0	21/17	44/30	102/31	156/48	118/42
II4B (IK4AUY, op)	204,984	474	146	SOUHP	12.5	0/0	82/20	90/26	157/39	92/34	53/27
I2WII	171,915	367	157	SOULP	9.3	0/0	43/19	126/29	42/24	81/47	75/38
IV3ZXF	154,836	395	132	SOUHP	8.0	0/0	0/0	49/23	121/36	153/45	72/28
IKØXBX	151,704	347	147	SOUHP	7.1	0/0	1/1	45/21	118/39	114/46	69/40
IK2TDM (L)	128,454	272	158	SOUHP	7.8	0/0	0/0	21/19	62/36	74/53	115/50
IUØEBV	116,586	312	127	SOUHP	15.1	0/0	0/0	81/27	68/26	100/42	63/32
IK2CFD	110,166	302	122	SOULP	9.5	0/0	0/0	42/17	62/25	98/39	100/41
IB9M	105,300	305	117	SOUHP	8.5	5/4	32/16	166/38	35/24	23/16	44/19
IZ3XEF	99,189	312	107	SOUHP	11.1	0/0	0/0	51/21	73/23	94/31	94/32
I4IKW	94,800	201	158	SOULP	7.5	0/0	24/17	43/35	13/12	60/48	61/46
IV3YNB	82,455	245	115	SOUHP	13.4	0/0	20/13	106/30	36/21	46/31	37/20
II9I (L)	81,627	299	91	SOULP	12.0	0/0	0/0	0/0	110/27	69/29	120/35
IK3JBP	80,514	194	142	SOULP	9.4	0/0	0/0	46/27	35/24	66/50	47/41
IO3A (IV3HAX, op)	74,880	245	104	SOULP	9.3	0/0	0/0	45/24	29/15	51/29	120/36
IZ1ANU (L)	70,308	228	108	SOULP	8.9	0/0	34/15	32/22	12/10	53/24	97/37
IZ8DVD (L)	69,264	211	111	SOUHP	5.2	0/0	0/0	16/11	0/0	104/51	91/49
IK2GZU	65,088	200	113	SOULP	6.7	0/0	5/5	46/22	11/11	75/42	63/33
IK2SAU	61,620	163	130	SOUHP	9.2	0/0	0/0	0/0	42/36	63/50	58/44
IK3SCB	60,750	251	81	SOUHP	7.4	0/0	0/0	0/0	42/30	0/0	209/51
IWØGYC	57,672	185	108	SOULP	9.7	0/0	0/0	18/13	52/26	62/36	53/33
IK2RLS (L)	50,508	189	92	SOULP	10.1	0/0	0/0	18/11	30/17	59/33	82/31
IK3LLS	45,696	141	112	SOUHP	8.8	0/0	4/4	30/26	34/24	40/30	33/28
IØGOJ	41,454	145	98	SOULP	6.4	0/0	3/3	38/22	13/10	57/35	34/28
IU2TNJ (L)	38,868	167	79	SOULP	8.9	0/0	0/0	60/21	11/9	54/27	42/22
IO9J	35,796	168	76	SOUHP	9.8	0/0	0/0	0/0	101/33	51/32	16/11
IK2ANI	35,550	150	79	SOUHP	2.5	0/0	0/0	33/16	74/29	43/34	0/0
IU2JWF	33,516	116	98	SOULP	9.7	0/0	0/0	23/17	21/14	41/37	31/30
IK2YGZ	31,317	146	73	SOULP	8.0	0/0	0/0	17/14	22/13	29/16	78/30
IK2LFF	29,046	106	94	SOUHP	5.8	0/0	0/0	0/0	30/24	45/40	31/30
IUØITX (L)	28,638	130	74	SOULP	9.9	0/0	4/4	35/22	47/23	26/15	18/10
IN3MNS	28,122	111	86	SOULP	5.1	0/0	20/15	45/30	12/12	23/18	11/11
IW2FUT	26,331	133	67	SOULP	4.2	0/0	0/0	22/13	66/24	29/19	16/11
IUØPJS (L)	24,948	128	66	SOULP	6.2	0/0	0/0	11/7	32/17	48/23	37/19
IK3TCK	22,509	124	61	SOULP	6.4	0/0	0/0	0/0	26/14	44/22	54/25
IT9BGE	21,402	124	58	SOUHP	7.6	0/0	0/0	34/15	65/25	19/14	6/4
IU3OAR (L)	12,720	82	53	SOULP	3.9	0/0	0/0	39/16	9/9	7/7	27/21
IU7XWD	12,720	91	53	SOULP	12.4	0/0	0/0	30/17	23/13	18/9	20/14
IW5CWC (L)	8,883	64	47	SOULP	4.6	0/0	0/0	16/11	10/8	23/17	15/11
IW1CHX	8,736	63	52	SOUHP	2.7	0/0	0/0	0/0	21/18	42/34	0/0
IZ2BHQ	7,497	52	49	SOULP	6.9	0/0	0/0	13/11	12/11	17/17	10/10
IK5MEP	6,528	65	34	SOULP	4.0	0/0	0/0	0/0	2/2	31/17	32/15

IW5EIJ (L)	3,000	40	25	SOULP	2.8	0/0	0/0	0/0	6/3	8/7	26/15	
IT9LKX	2,574	40	22	SOULP	1.3	0/0	0/0	5/5	35/17	0/0	0/0	
IZ3GNG	2,187	27	27	SOUHP	0.9	0/0	0/0	2/2	18/18	7/7	0/0	
IK1BXN	1,890	45	14	SOULP	2.4	0/0	0/0	0/0	0/0	45/14	0/0	
IZ2WFL (L)	396	14	11	SOULP	1.5	0/0	0/0	0/0	0/0	14/11	0/0	
IUØJGW	48	4	4	SOULP	0.2	0/0	0/0	0/0	4/4	0/0	0/0	
IZ8DFO	3	1	1	SOHP-80	0.1	0/0	1/1	0/0	0/0	0/0	0/0	
II2T (IZ2EWR, op)	101,550	689	50	SOHP-40	13.8	0/0	0/0	689/50	0/0	0/0	0/0	
IO8T (IC8JOH, op)	95,784	629	52	SOLP-40	19.2	0/0	0/0	629/52	0/0	0/0	0/0	
IV3EAD (L)	26,568	221	41	SOLP-40	11.3	0/0	0/0	221/41	0/0	0/0	0/0	
IK2CLB	8,640	97	30	SOHP-40	1.5	0/0	0/0	97/30	0/0	0/0	0/0	
IPØT	5,952	67	31	SOHP-40	3.5	0/0	0/0	67/31	0/0	0/0	0/0	
IO4A (IZ4AFL, op) (L)	48	4	4	SOQRP-40	0.3	0/0	0/0	4/4	0/0	0/0	0/0	
I2IFT (L)	89,835	575	53	SOUHP-40	33.7	0/0	0/0	575/53	0/0	0/0	0/0	
IO5M	69,324	459	53	SOUHP-40	18.0	0/0	0/0	459/53	0/0	0/0	0/0	
IO5I (IK5TBK, op)	28,638	223	43	SOULP-40	14.0	0/0	0/0	223/43	0/0	0/0	0/0	
IZ5ILK	1,035	23	15	SOUQRP-40	0.8	0/0	0/0	23/15	0/0	0/0	0/0	
IZ8GUQ	47,520	363	45	SOHP-20	15.2	0/0	0/0	0/0	363/45	0/0	0/0	
IK5OJB	8,910	103	30	SOLP-20	5.4	0/0	0/0	0/0	103/30	0/0	0/0	
IK2GRA	3,402	54	21	SOLP-20	5.0	0/0	0/0	0/0	54/21	0/0	0/0	
IK6PTH	45,360	319	48	SOULP-20	16.6	0/0	0/0	0/0	319/48	0/0	0/0	
II2P (IU2JFG, op) (L)	3,036	46	23	SOULP-20	3.9	0/0	0/0	0/0	46/23	0/0	0/0	
IZØEHL (L)	2,394	43	19	SOULP-20	3.2	0/0	0/0	0/0	43/19	0/0	0/0	
IZ3NVR (L)	45,360	294	54	SOHP-15	20.4	0/0	0/0	0/0	0/0	294/54	0/0	
IT9ZZO (L)	39,432	257	53	SOLP-15	8.4	0/0	0/0	0/0	0/0	257/53	0/0	
IU8PWS (L)	21,168	171	42	SOHP-15	12.9	0/0	0/0	0/0	0/0	171/42	0/0	
I3BBK	15,561	137	39	SOQRP-15	12.1	0/0	0/0	0/0	0/0	137/39	0/0	
IN3YKS (L)	9,801	102	33	SOHP-15	5.1	0/0	0/0	0/0	0/0	102/33	0/0	
I4JEE (L)	9,048	109	29	SOLP-15	8.9	0/0	0/0	0/0	0/0	109/29	0/0	
II1X (L)	7,776	75	36	SOLP-15	1.8	0/0	0/0	0/0	0/0	75/36	0/0	
IN3TWX	6,975	81	31	SOHP-15	3.4	0/0	0/0	0/0	0/0	81/31	0/0	
IWØRLC	1,380	23	20	SOHP-15	0.7	0/0	0/0	0/0	0/0	23/20	0/0	
IO4M (IK4MGP, op)	166,026	942	59	SOUHP-15	15.5	0/0	0/0	0/0	0/0	942/59	0/0	
IQ9RG (IT9EQO, op)	119,712	706	58	SOUHP-15	16.2	0/0	0/0	0/0	0/0	706/58	0/0	
IK6VXO	75,768	459	56	SOUHP-15	9.8	0/0	0/0	0/0	0/0	459/56	0/0	
IO2A	69,216	426	56	SOUHP-15	8.3	0/0	0/0	0/0	0/0	426/56	0/0	
IP4E (IK4ZHH, op)	48,924	304	54	SOUHP-15	3.2	0/0	0/0	0/0	0/0	304/54	0/0	
IQ6JU (IK6QON, op)	44,838	296	53	SOUHP-15	4.2	0/0	0/0	0/0	0/0	296/53	0/0	
IK3SVT (L)	8,811	99	33	SOUQRP-15	7.7	0/0	0/0	0/0	0/0	99/33	0/0	
IZ7ECL	4,536	57	27	SOUHP-15	1.0	0/0	0/0	0/0	0/0	57/27	0/0	
IT9KCD	13,113	94	47	SOLP-10	6.4	0/0	0/0	0/0	0/0	0/0	94/47	
IK2AHB	11,025	108	35	SOHP-10	2.5	0/0	0/0	0/0	0/0	0/0	108/35	
IKØOKY	4,350	60	25	SOLP-10	3.0	0/0	0/0	0/0	0/0	0/0	60/25	
IZ5FDD	1,197	21	19	SOLP-10	2.9	0/0	0/0	0/0	0/0	0/0	21/19	
I5/NO9E (L)	429	14	11	SOQRP-10	1.0	0/0	0/0	0/0	0/0	0/0	14/11	

IZ5GRS (L)	297	11	9	SOQRP-10	0.5	0/0	0/0	0/0	0/0	0/0	11/9
II9P (IZ8JAI, op)	160,080	932	58	SOUHP-10	12.4	0/0	0/0	0/0	0/0	0/0	932/58
IZ5EKV	55,776	334	56	SOUHP-10	5.7	0/0	0/0	0/0	0/0	0/0	334/56
IO3X (IV3JCC, op)	52,260	336	52	SOUHP-10	10.5	0/0	0/0	0/0	0/0	0/0	336/52
IKØFUX	36,000	240	50	SOUHP-10	5.4	0/0	0/0	0/0	0/0	0/0	240/50
IU8TVZ (L Y)	27,636	196	49	SOUHP-10	5.7	0/0	0/0	0/0	0/0	0/0	196/49
II3O (IV3IPS, op) (L)	25,800	218	40	SOUHP-10	5.3	0/0	0/0	0/0	0/0	0/0	218/40
IT9RZU	20,424	149	46	SOULP-10	7.9	0/0	0/0	0/0	0/0	0/0	149/46
IT9ORA (L)	17,280	162	36	SOULP-10	4.4	0/0	0/0	0/0	0/0	0/0	162/36
IK1QBT	4,536	55	28	SOULP-10	0.9	0/0	0/0	0/0	0/0	0/0	55/28
Kaliningrad											
RN2FQ	5,940	67	30	SOLP	4.6	0/0	0/0	0/0	0/0	40/17	27/13
UA2FZ	1,033,167	1,439	241	SOUHP	18.5	21/13	97/25	264/48	193/46	438/55	426/54
RA2F	6,300	75	28	SOLP-15	3.3	0/0	0/0	0/0	0/0	75/28	0/0
R2FK	35,721	247	49	SOUHP-15	9.5	0/0	0/0	0/0	0/0	247/49	0/0
Kosovo											
Z68XX (DL2JRM, op) (L)	383,382	734	177	SOULP	20.6	0/0	32/17	213/41	127/32	233/48	129/39
Latvia											
YL2EA (L)	9,102	75	41	SOHP	3.3	0/0	0/0	14/12	6/6	55/23	0/0
YL7X (YL2LY, op)	1,278,288	1,635	264	SOUHP	28.5	26/15	138/34	417/56	294/51	326/54	434/54
YL7A	491,283	996	169	SOUHP	21.2	0/0	0/0	342/49	151/39	274/45	229/36
YL2GD	368,460	707	178	SOUHP	10.4	3/3	69/22	236/42	103/36	99/35	197/40
YL2KO	271,767	586	157	SOUHP	8.7	0/0	11/8	35/25	55/29	278/53	207/42
YL3NU	28,470	133	73	SOUHP	10.7	0/0	4/4	22/15	20/14	40/19	47/21
YL2BJ	25,671	199	43	SOUHP-20	6.7	0/0	0/0	0/0	199/43	0/0	0/0
YL2PJ	15,327	132	39	SOLP-15	5.4	0/0	0/0	0/0	0/0	132/39	0/0
YL2LW	2,310	37	22	SOLP-15	2.4	0/0	0/0	0/0	0/0	37/22	0/0
YL2VW	78,624	472	56	SOUHP-15	8.5	0/0	0/0	0/0	0/0	472/56	0/0
YL2SM	86,100	586	50	SOHP-10	7.8	0/0	0/0	0/0	0/0	0/0	586/50
YL2QV	14,148	137	36	SOLP-10	4.5	0/0	0/0	0/0	0/0	0/0	137/36
Liechtenstein											
HBØWR	86,715	240	123	SOUHP	11.3	5/5	23/15	33/20	21/11	62/36	96/36
Lithuania											
LY9A	188,538	473	134	SOQRP	18.2	0/0	1/1	69/33	49/23	214/46	140/31
LY1M	9,675	75	43	SOLP	3.1	0/0	0/0	21/14	3/2	16/9	35/18
LY4A	1,825,902	2,201	289	SOUHP	40.3	86/23	251/46	378/53	565/55	444/56	477/56
LY5W	764,526	1,179	218	SOULP	33.1	9/7	63/21	439/52	179/44	280/50	209/44
LY2XW	513,912	886	196	SOUHP	21.1	9/6	51/21	400/54	144/42	246/49	36/24
LY7R (LY2BKT, op)	379,008	674	188	SOULP	24.5	0/0	19/15	129/40	128/41	222/49	176/43
LY2TS (L)	172,956	411	142	SOULP	13.9	0/0	0/0	79/35	65/26	137/44	130/37
LY2K	16,050	108	50	SOUHP	4.2	0/0	0/0	1/1	45/20	0/0	62/29
LY2CX	15,048	88	57	SOUHP	2.5	0/0	5/5	45/25	14/9	11/8	13/10
LY2SA (L)	9,288	72	43	SOULP	2.8	0/0	0/0	0/0	9/8	47/24	16/11
LY3AB (L)	6,840	58	40	SOULP	2.3	0/0	0/0	13/9	23/13	18/14	4/4
LY4BF (LY2BBF, op)	2,520	45	21	SOUQRP	4.3	0/0	0/0	0/0	0/0	45/21	0/0

LY3CY	1,080	24	15	SOUHP	0.9	0/0	0/0	0/0	0/0	24/15	0/0
LY7M (UX6IZ, op)	29,526	267	38	SOUHP-80	12.0	0/0	267/38	0/0	0/0	0/0	0/0
LY2MM (L)	30,672	215	48	SOUHP-15	5.9	0/0	0/0	0/0	0/0	215/48	0/0
LY1DX (L)	990	22	15	SOUHP-15	2.1	0/0	0/0	0/0	0/0	22/15	0/0
LY5AT	27	3	3	SOLP-10	0.2	0/0	0/0	0/0	0/0	0/0	3/3
LY2AX (L)	9,090	102	30	SOUHP-10	2.1	0/0	0/0	0/0	0/0	0/0	102/30
Luxembourg											
LX1NO	638,400	1,221	175	SOHP	21.1	0/0	0/0	89/32	201/38	493/52	438/53
Macedonia											
Z36W	210,630	595	119	SOULP	9.0	0/0	0/0	0/0	185/35	214/45	196/39
Z33B (L)	73,950	311	85	SOUHP	11.0	0/0	0/0	147/26	29/14	109/31	26/14
Z3ØA (L)	11,844	85	47	SOULP	3.8	0/0	2/2	38/17	0/0	15/12	30/16
Z35F (L)	12,648	138	31	SOLP-10	6.0	0/0	0/0	0/0	0/0	0/0	138/31
Z35U	5,850	79	26	SOLP-10	3.7	0/0	0/0	0/0	0/0	0/0	79/26
Malta											
9H1PI (L)	9,831	115	29	SOULP-20	4.8	0/0	0/0	0/0	115/29	0/0	0/0
9H1CG (L)	20,826	182	39	SOLP-10	4.7	0/0	0/0	0/0	0/0	0/0	182/39
Moldova											
ER4KAA (ER4PS, op)	101,871	346	99	SOUHP	3.3	0/0	0/0	144/34	86/28	115/36	1/1
ER3UA	57,981	252	77	SOULP	12.4	0/0	4/4	22/10	15/10	167/39	44/14
Netherlands											
PA9M	898,032	1,447	212	SOHP	38.2	10/7	198/25	334/44	285/42	308/47	312/47
PCØA	819,834	1,286	214	SOHP	21.8	29/16	82/28	107/32	207/41	399/48	462/49
PA3ARM (L)	75,504	246	104	SOLP	10.3	0/0	0/0	52/25	27/16	74/30	93/33
PA3DBS	70,788	369	68	SOLP	9.5	0/0	0/0	0/0	68/20	300/47	1/1
PA2W (L)	55,419	207	91	SOLP	7.3	0/0	0/0	25/14	40/20	73/29	69/28
PD8MD (L)	35,574	154	77	SOLP	7.8	0/0	0/0	53/32	17/13	0/0	84/32
PA3GXB (L)	24,192	145	63	SOLP	8.9	0/0	0/0	17/12	21/11	49/18	58/22
PC2F (L)	16,128	99	56	SOQRP	5.4	0/0	0/0	25/14	19/13	38/18	17/11
PA2CHM	15,903	97	57	SOLP	5.5	0/0	3/3	14/11	16/10	40/19	24/14
PAØRBA	12,672	93	48	SOLP	4.4	0/0	3/3	24/13	34/13	32/19	0/0
PA3MET (L)	11,220	91	44	SOQRP	7.9	0/0	0/0	0/0	14/9	35/19	42/16
PAØZAV (L)	10,224	73	48	SOLP	4.0	0/0	12/7	8/8	17/14	29/15	7/4
PA5GU	8,364	71	41	SOLP	4.2	0/0	0/0	1/1	11/10	31/16	28/14
PA3HCC (L)	5,220	60	30	SOLP	4.3	0/0	0/0	1/1	6/5	53/24	0/0
PA3EWG	4,512	48	32	SOLP	3.0	0/0	30/18	11/7	3/3	1/1	3/3
PAØCMF	4,263	50	29	SOHP	5.9	0/0	0/0	0/0	5/5	35/17	10/7
PH3BDJ (L)	3,510	47	26	SOLP	2.4	0/0	0/0	0/0	16/8	0/0	31/18
PA3GPX	3,348	45	31	SOLP	1.8	0/0	0/0	0/0	4/4	20/14	21/13
PA3KL	2,856	39	28	SOLP	3.4	0/0	0/0	9/8	0/0	13/10	17/10
PD1B (L)	2,442	44	22	SOLP	3.6	0/0	0/0	0/0	9/7	0/0	35/15
PA1BBO (L)	1,482	26	19	SOLP	1.2	0/0	0/0	0/0	0/0	21/14	5/5
PAØKBN (L)	960	22	16	SOLP	1.1	0/0	0/0	0/0	3/3	19/13	0/0
PA9HR	3	1	1	SOQRP	0.1	0/0	0/0	1/1	0/0	0/0	0/0
PA5KT	1,162,251	1,475	267	SOUHP	26.4	71/23	212/41	224/46	262/47	373/56	333/54

PA3AAV	687,564	1,087	213	SOUHP	20.7	0/0	43/22	154/47	167/41	333/54	390/49	
PE6Q	457,026	737	211	SOUHP	10.4	0/0	28/23	69/37	149/45	221/53	270/53	
PA4M	428,736	937	154	SOUHP	13.2	0/0	0/0	1/1	230/46	323/51	383/56	
PAØO	384,678	620	213	SOULP	17.4	10/9	67/25	108/35	120/40	157/51	158/53	
PA3FQA	324,576	684	161	SOUHP	8.5	0/0	3/3	47/30	148/41	247/42	239/45	
PF5X	313,500	554	190	SOUHP	15.0	0/0	0/0	84/37	146/46	175/54	149/53	
PA3DUU	279,888	486	196	SOULP	18.4	0/0	57/26	84/33	89/39	148/49	108/49	
PA5WT	278,208	646	144	SOUHP	12.8	0/0	0/0	100/24	50/21	188/49	308/50	
PA2TA (L)	218,295	498	147	SOULP	11.6	0/0	53/19	42/18	88/28	121/39	194/43	
PA6AA (PB7Z, op) (L)	191,580	418	155	SOUHP	12.7	0/0	0/0	46/26	79/32	159/48	134/49	
PA2A (L)	163,989	413	133	SOUHP	11.8	0/0	0/0	89/31	60/20	175/46	89/36	
PC4E (L)	149,472	361	144	SOUHP	16.2	0/0	16/13	91/24	80/29	80/37	94/41	
PA1T	131,208	290	154	SOUHP	8.2	7/7	6/6	42/25	49/29	104/44	82/43	
PC8X	113,820	287	140	SOULP	13.9	0/0	47/25	39/21	51/27	97/35	53/32	
PA3EZX	104,796	286	123	SOUHP	13.7	0/0	0/0	19/12	85/29	114/46	68/36	
PA3DSB	100,170	268	126	SOUHP	7.7	0/0	12/8	48/27	50/21	73/35	85/35	
PG2AA	71,535	257	95	SOULP	8.5	0/0	0/0	0/0	48/25	106/36	103/34	
PC1PM (L)	63,000	251	84	SOULP	10.7	0/0	0/0	30/14	81/22	104/28	36/20	
PAØJED (L)	59,160	234	85	SOULP	9.3	0/0	0/0	0/0	50/18	51/26	133/41	
PA6F (PA5OES, op) (L)	58,800	198	100	SOUHP	4.9	0/0	0/0	1/1	34/21	111/44	52/34	
PE1RDP	56,286	163	118	SOUHP	5.8	0/0	0/0	11/9	26/24	65/44	61/41	
PAØJNH (L)	54,684	205	93	SOUHP	14.6	0/0	8/6	33/20	42/18	94/35	28/14	
PA8R	54,144	196	94	SOULP	9.4	0/0	0/0	49/24	54/23	34/20	59/27	
PA1CW	45,738	199	77	SOUHP	3.1	0/0	0/0	0/0	50/21	105/35	44/21	
PAØRDT	44,550	207	75	SOUQRP	10.3	0/0	0/0	5/4	43/16	47/23	112/32	
PE1HWO	44,226	185	81	SOUHP	8.3	0/0	0/0	0/0	32/17	58/27	95/37	
PA3BUD	43,956	149	99	SOUHP	4.1	0/0	8/8	21/16	23/13	50/32	47/30	
PA2REH (L)	37,296	112	112	SOULP	6.6	0/0	0/0	15/15	20/20	34/34	43/43	
PA3A	34,410	155	74	SOUHP	2.7	0/0	0/0	2/2	18/13	61/28	74/31	
PA3GDD	33,972	150	76	SOULP	4.6	0/0	0/0	10/9	72/29	46/25	22/13	
PDØME	26,970	148	62	SOULP	9.6	0/0	0/0	7/6	73/31	0/0	68/25	
PE2K (L)	21,777	126	61	SOUQRP	11.7	0/0	0/0	18/11	44/19	29/14	35/17	
PC5Q	19,764	109	61	SOULP	3.4	0/0	0/0	0/0	25/17	45/27	39/17	
PE4BAS	17,568	97	61	SOULP	2.7	0/0	15/13	29/18	0/0	22/16	31/14	
PC5D (L)	14,100	97	50	SOULP	5.8	0/0	0/0	40/18	22/13	33/17	2/2	
PA3DTR	13,104	91	52	SOULP	5.2	0/0	9/8	22/13	11/7	26/12	23/12	
PA7KY	12,240	83	51	SOULP	3.6	0/0	0/0	6/6	27/15	47/27	3/3	
PG7R	10,944	79	48	SOUHP	4.7	0/0	3/3	32/14	3/3	19/12	22/16	
PA2DK	6,804	54	42	SOULP	1.8	0/0	9/6	29/21	5/4	10/10	1/1	
PA3EMN	5,220	58	30	SOULP	1.6	0/0	0/0	51/25	0/0	7/5	0/0	
PA2VS (L)	5,202	51	34	SOULP	4.3	0/0	0/0	6/5	16/9	13/11	16/9	
PA1MAR	4,092	93	44	SOULP	5.7	0/0	0/0	0/0	25/15	35/15	33/14	
PAØB (L)	3,807	50	27	SOULP	4.8	0/0	0/0	4/4	0/0	15/10	31/13	
PD5BS (L)	3,807	49	27	SOULP	3.9	0/0	0/0	3/3	16/12	0/0	30/12	
PA3DAT (L)	2,604	32	28	SOULP	2.3	0/0	4/4	0/0	15/14	7/7	6/3	

PA3HGF	2,160	31	24	SOULP	1.9	0/0	0/0	8/7	13/8	4/4	6/5
PC7E	1,920	34	20	SOULP	2.2	0/0	0/0	2/2	0/0	32/18	0/0
PA3CWN	1,425	25	19	SOULP	1.4	0/0	0/0	15/11	1/1	5/3	4/4
PE4KH (L)	765	17	15	SOULP	2.3	0/0	0/0	0/0	3/3	14/12	0/0
PA1PG	108	6	6	SOULP	0.4	0/0	0/0	5/5	1/1	0/0	0/0
PD1RP	2,736	51	19	SOULP-40	6.1	0/0	0/0	51/19	0/0	0/0	0/0
PA5CT	3,243	47	23	SOULP-20	1.9	0/0	0/0	0/0	47/23	0/0	0/0
PE1RWL	105	7	5	SOULP-20	0.6	0/0	0/0	0/0	7/5	0/0	0/0
PA5MW	41,004	275	51	SOLP-15	12.2	0/0	0/0	0/0	0/0	275/51	0/0
PI4X (PA5DX, op)	432	23	12	SOHP-15	1.3	0/0	0/0	0/0	0/0	23/12	0/0
PAØJHS	378	14	9	SOLP-15	1.1	0/0	0/0	0/0	0/0	14/9	0/0
PA4O	28,368	199	48	SOULP-15	13.0	0/0	0/0	0/0	0/0	199/48	0/0
PG2V (L)	8,265	96	29	SOULP-15	6.3	0/0	0/0	0/0	0/0	96/29	0/0
PAØM	15,360	130	40	SOUHP-10	5.2	0/0	0/0	0/0	0/0	0/0	130/40
PA1WX	12,882	113	38	SOULP-10	4.4	0/0	0/0	0/0	0/0	0/0	113/38
Northern Ireland											
MI5I (GIØRQK, op)	1,077,480	1,671	219	SOULP	31.2	4/4	102/24	282/41	358/49	481/50	444/51
GI4ERW (L)	33,165	166	67	SOULP	3.0	0/0	0/0	70/25	74/27	22/15	0/0
Norway											
LA1XFA	34,854	163	74	SOLP	12.6	0/0	0/0	3/3	46/23	76/29	38/19
LA6CF	28,875	128	77	SOLP	6.8	0/0	7/6	29/20	7/5	72/35	13/11
LC2F (LA2HFA, op) (L)	21,060	111	65	SOLP	9.3	0/0	0/0	53/27	28/18	27/17	3/3
LB2WD	14,685	91	55	SOLP	8.1	0/0	2/2	37/22	7/6	12/9	33/16
LA8OM (L)	174,117	461	127	SOUHP	8.1	0/0	3/3	76/33	12/9	206/47	164/35
LA7TO	25,668	142	62	SOULP	11.8	0/0	0/0	19/13	23/11	87/31	13/7
LB1UK (L)	21,018	117	62	SOULP	7.2	0/0	0/0	9/8	18/16	82/32	8/6
LA3BPA	20,355	115	59	SOULP	4.5	0/0	0/0	13/10	3/2	51/21	48/26
LB2TB (L)	6,120	53	40	SOUHP	4.3	0/0	2/2	11/8	12/7	19/15	9/8
LA7SI	594	19	11	SOHP-15	1.0	0/0	0/0	0/0	0/0	19/11	0/0
LA1U (L)	16,146	117	46	SOUHP-15	10.9	0/0	0/0	0/0	0/0	117/46	0/0
LA9WDA	5,625	82	25	SOLP-10	3.0	0/0	0/0	0/0	0/0	0/0	82/25
Poland											
SP1AEN (L)	219,792	486	152	SOLP	20.5	0/0	28/17	108/29	100/29	130/40	120/37
SP2GMA	172,584	428	136	SOLP	17.3	0/0	56/18	61/27	51/17	140/39	120/35
SQ9DXN	108,900	307	121	SOHP	14.2	0/0	43/19	84/26	24/12	76/35	80/29
SP5GDY	47,241	189	87	SOLP	13.3	0/0	34/15	1/1	31/16	66/31	57/24
SP2QCW	32,895	134	85	SOLP	6.2	0/0	0/0	14/11	34/23	56/31	30/20
SP3FSM	28,224	149	64	SOHP	5.0	0/0	0/0	0/0	37/17	92/33	20/14
SP8CGU (L)	23,616	123	64	SOLP	6.4	0/0	0/0	20/11	26/15	44/21	33/17
SP3WKW (L)	20,178	116	59	SOLP	8.5	0/0	0/0	40/21	7/5	50/23	19/10
SP7IWA	18,720	122	52	SOHP	5.5	0/0	0/0	64/21	33/17	0/0	25/14
SP9R (SP9BRP, op)	18,480	112	55	SOLP	5.3	0/0	0/0	46/20	2/2	42/19	22/14
SQ3KAN (L)	9,849	68	49	SOLP	5.0	0/0	5/5	17/12	3/3	17/12	26/17
SP9KJU (SP9MDY, op) (L)	9,588	69	47	SOLP	3.6	0/0	0/0	14/11	15/10	35/21	5/5
SP6BEN	6,480	60	36	SOLP	1.5	0/0	0/0	7/6	8/6	22/11	23/13

SP4AAZ	5,292	53	36	SOLP	6.6	0/0	0/0	1/1	22/11	20/16	10/8	
SP3PDO (SP3TYJ, op)	2,268	30	27	SOLP	2.1	0/0	0/0	12/10	6/6	8/7	4/4	
SP4AP	1,134	23	18	SOLP	3.3	0/0	0/0	0/0	4/4	9/8	10/6	
SP3BES	60	5	5	SOLP	0.3	0/0	0/0	5/5	0/0	0/0	0/0	
SP3CMX	12	2	2	SOLP	0.1	0/0	1/1	1/1	0/0	0/0	0/0	
SN7Q (SP7GIQ, op)	1,750,086	2,125	277	SOUHP	27.3	69/21	255/42	603/54	311/50	510/57	377/53	
SP2R	1,016,346	1,473	233	SOULP	36.3	4/4	101/28	413/46	244/46	393/54	318/55	
SN7O (SP7IVO, op)	775,701	1,093	237	SOULP	36.3	9/9	99/28	212/46	210/47	307/54	256/53	
SP1D	467,208	762	206	SOUHP	16.8	0/0	95/25	277/50	152/43	155/49	83/39	
SN5N (SP5KP, op)	376,479	723	177	SOUHP	13.0	0/0	30/15	69/33	151/37	293/50	180/42	
SP5CNA	366,444	703	174	SOUHP	24.8	0/0	34/15	126/39	139/34	287/50	117/36	
SP5UFK	281,358	617	154	SOUHP	24.9	1/1	40/14	120/26	110/33	202/44	144/36	
SP3VT	266,664	552	164	SOULP	14.6	0/0	61/21	116/39	104/35	186/41	85/28	
SQ6MIH	260,463	567	157	SOUQRP	23.0	0/0	38/15	55/22	122/38	211/45	141/37	
SP2GWH	245,784	552	152	SOUHP	19.2	0/0	2/2	92/29	125/37	178/44	155/40	
SP9GFI	171,990	393	147	SOULP	13.5	0/0	44/18	75/26	57/22	133/45	84/36	
SN3C	156,972	415	127	SOUHP	10.2	0/0	0/0	46/17	66/27	126/41	177/42	
SQ3M	155,736	415	126	SOULP	16.3	0/0	0/0	23/14	86/27	155/43	151/42	
SP7CF	138,933	363	129	SOULP	14.9	0/0	23/16	94/27	63/23	93/33	90/30	
SP9JZT (L)	121,980	432	95	SOUHP	12.1	0/0	0/0	58/23	91/26	283/46	0/0	
SP2XX	119,196	312	132	SOUHP	11.5	0/0	26/16	94/36	49/18	89/38	54/24	
SO5CW (DJ5CW, op)	99,528	320	104	SOULP	11.1	0/0	12/9	19/14	48/19	197/42	44/20	
SQ9FMU	56,160	212	90	SOULP	10.7	0/0	0/0	62/21	38/19	51/23	61/27	
SP9MZH	55,860	196	95	SOUHP	6.2	0/0	24/13	43/18	29/15	37/21	63/28	
SP2V	55,584	199	96	SOUHP	8.7	0/0	11/7	40/15	49/25	49/26	50/23	
SP2HHX (L)	50,895	197	87	SOUHP	6.8	0/0	0/0	47/22	23/13	86/32	41/20	
SQ3R (SQ3HMM, op)	48,450	190	85	SOULP	6.8	0/0	0/0	24/12	57/23	73/33	36/17	
SP4DEU	42,054	165	86	SOULP	9.8	0/0	33/16	30/18	28/15	51/20	23/17	
SP7OGP	30,030	157	65	SOULP	3.7	0/0	0/0	0/0	28/13	92/33	37/19	
SQ5NWA	25,668	144	62	SOULP	13.3	0/0	0/0	55/21	22/11	56/22	11/8	
SQ2ICX	25,650	115	75	SOUQRP	6.8	0/0	6/6	8/6	29/23	29/20	43/20	
SP2GOW	25,527	128	67	SOUHP	9.9	0/0	0/0	27/18	14/10	87/39	0/0	
SP5TT	16,920	128	47	SOULP	7.2	0/0	0/0	0/0	0/0	127/46	1/1	
SP5BN	16,356	98	58	SOULP	6.4	0/0	0/0	10/8	22/16	28/16	38/18	
SN9DT	12,144	94	44	SOUHP	3.2	0/0	0/0	66/20	16/13	3/2	9/9	
SP8K	9,594	83	41	SOULP	4.2	0/0	49/18	0/0	19/12	0/0	15/11	
SP5DJ	5,508	57	34	SOUHP	4.1	0/0	0/0	0/0	16/10	37/20	4/4	
SP3BBS	4,554	46	33	SOULP	2.5	0/0	5/3	15/10	10/8	14/10	2/2	
SP9RQH	3,432	47	26	SOULP	2.5	0/0	0/0	4/4	0/0	38/18	5/4	
SP9EXE	720	17	15	SOULP	2.5	0/0	0/0	4/3	3/3	7/6	3/3	
SP4BP	126	7	6	SOULP	0.6	0/0	0/0	1/1	6/5	0/0	0/0	
SQ6ABC	4,554	67	23	SOLP-80	5.4	0/0	67/23	0/0	0/0	0/0	0/0	
SQ9I (L)	2,538	49	18	SOLP-80	2.3	0/0	49/18	0/0	0/0	0/0	0/0	
HF5WIM	1,755	40	15	SOLP-80	3.8	0/0	40/15	0/0	0/0	0/0	0/0	
SP3GTS	11,160	122	31	SOUHP-80	4.7	0/0	122/31	0/0	0/0	0/0	0/0	

SN5J (SP5JXK, op) (L)	3,648	65	19	SOULP-80	10.7	0/0	65/19	0/0	0/0	0/0	0/0	
SP8GNF	1,920	42	16	SOULP-80	3.1	0/0	42/16	0/0	0/0	0/0	0/0	
SO7NA (L)	684	19	12	SOULP-80	1.4	0/0	19/12	0/0	0/0	0/0	0/0	
SP2WGB	561	20	11	SOULP-80	4.9	0/0	20/11	0/0	0/0	0/0	0/0	
SP5ES	264	12	8	SOULP-80	3.4	0/0	12/8	0/0	0/0	0/0	0/0	
SP5ELA	6,624	93	24	SOHP-40	1.2	0/0	0/0	93/24	0/0	0/0	0/0	
SP3ZHP	2,214	43	18	SOLP-40	1.6	0/0	0/0	43/18	0/0	0/0	0/0	
SP9OUV (L)	765	17	15	SOLP-40	0.7	0/0	0/0	17/15	0/0	0/0	0/0	
SP4Z	60,741	398	51	SOUHP-40	10.2	0/0	0/0	398/51	0/0	0/0	0/0	
SP8LBK	5,589	77	27	SOULP-40	8.6	0/0	0/0	77/27	0/0	0/0	0/0	
SP5GH	4,224	46	32	SOUHP-40	4.5	0/0	0/0	46/32	0/0	0/0	0/0	
SP8BXL	2,205	37	21	SOULP-40	1.9	0/0	0/0	37/21	0/0	0/0	0/0	
SQ8B (L)	1,311	28	19	SOUHP-40	3.2	0/0	0/0	28/19	0/0	0/0	0/0	
SQ3POS	30	5	2	SOULP-40	0.2	0/0	0/0	5/2	0/0	0/0	0/0	
SP9RCL	27,945	212	45	SOHP-20	9.7	0/0	0/0	0/0	212/45	0/0	0/0	
SP5SA	16,080	141	40	SOHP-20	13.1	0/0	0/0	0/0	141/40	0/0	0/0	
SQ5LNU	8,232	100	28	SOHP-20	1.9	0/0	0/0	0/0	100/28	0/0	0/0	
SP2GTJ	936	29	13	SOLP-20	1.9	0/0	0/0	0/0	29/13	0/0	0/0	
SN1F (SP1GZF, op) (L)	576	17	12	SOLP-20	0.8	0/0	0/0	0/0	17/12	0/0	0/0	
SP4NKJ (L)	60	5	5	SOLP-20	0.3	0/0	0/0	0/0	5/5	0/0	0/0	
SP1NY	69,984	442	54	SOUHP-20	14.6	0/0	0/0	0/0	442/54	0/0	0/0	
SP1R	44,496	311	48	SOUHP-20	17.6	0/0	0/0	0/0	311/48	0/0	0/0	
SP4JFR	18,204	166	37	SOULP-20	11.2	0/0	0/0	0/0	166/37	0/0	0/0	
3Z1NY	2,142	35	21	SOULP-20	2.1	0/0	0/0	0/0	35/21	0/0	0/0	
SN5X (SP5GRM, op)	137,460	806	58	SOHP-15	15.4	0/0	0/0	0/0	0/0	806/58	0/0	
SN9S (SP9DLY, op)	25,239	187	47	SOLP-15	6.9	0/0	0/0	0/0	0/0	187/47	0/0	
SN3F (SP3FYX, op)	20,358	190	39	SOHP-15	7.0	0/0	0/0	0/0	0/0	190/39	0/0	
SP5GQX (L)	15,375	127	41	SOHP-15	7.9	0/0	0/0	0/0	0/0	127/41	0/0	
SN2N (SP2FVN, op)	12,753	110	39	SOHP-15	9.3	0/0	0/0	0/0	0/0	110/39	0/0	
SP2JLR	6,975	87	31	SOHP-15	10.3	0/0	0/0	0/0	0/0	87/31	0/0	
SP3FPF	4,290	56	26	SOLP-15	2.1	0/0	0/0	0/0	0/0	56/26	0/0	
SP2JFY	2,904	45	22	SOLP-15	3.8	0/0	0/0	0/0	0/0	45/22	0/0	
SP2AYC	2,583	41	21	SOLP-15	3.2	0/0	0/0	0/0	0/0	41/21	0/0	
SP4LO (L)	2,280	40	20	SOLP-15	5.0	0/0	0/0	0/0	0/0	40/20	0/0	
SQ2RH (L)	1,200	25	16	SOHP-15	2.0	0/0	0/0	0/0	0/0	25/16	0/0	
SP2HMY (L)	495	17	11	SOQRP-15	1.5	0/0	0/0	0/0	0/0	17/11	0/0	
SP5FKW	429	21	11	SOQRP-15	3.5	0/0	0/0	0/0	0/0	21/11	0/0	
SN3A (SQ2GXO, op)	186,702	1,076	58	SOUHP-15	16.9	0/0	0/0	0/0	0/0	1,076/58	0/0	
SO4M (SP5OXJ, op)	104,940	643	55	SOUHP-15	15.0	0/0	0/0	0/0	0/0	643/55	0/0	
SP9XCN	75,492	468	54	SOULP-15	13.3	0/0	0/0	0/0	0/0	468/54	0/0	
SN1W (SQ1DNJ, op)	62,010	394	53	SOUHP-15	10.2	0/0	0/0	0/0	0/0	394/53	0/0	
SP3CYY	61,692	392	53	SOUHP-15	10.4	0/0	0/0	0/0	0/0	392/53	0/0	
SP6MI	28,890	220	45	SOULP-15	10.9	0/0	0/0	0/0	0/0	220/45	0/0	
SP6AXW	1,683	33	17	SOUHP-15	1.9	0/0	0/0	0/0	0/0	33/17	0/0	
SP8UFT	15,984	153	36	SOLP-10	10.3	0/0	0/0	0/0	0/0	0/0	153/36	

SP5DIR	13,932	134	36	SOHP-10	8.7	0/0	0/0	0/0	0/0	0/0	134/36	
SP2GVN	10,710	125	30	SOLP-10	6.0	0/0	0/0	0/0	0/0	0/0	125/30	
SP7FCX (L)	9,999	102	33	SOLP-10	7.4	0/0	0/0	0/0	0/0	0/0	102/33	
SP7M (SP5EWX, op)	7,308	85	29	SOQRP-10	5.0	0/0	0/0	0/0	0/0	0/0	85/29	
SP7CLB	5,580	72	30	SOLP-10	8.4	0/0	0/0	0/0	0/0	0/0	72/30	
SQ4CTS (L)	1,938	40	17	SOLP-10	3.9	0/0	0/0	0/0	0/0	0/0	40/17	
SQ6ELV	1,512	36	14	SOLP-10	1.1	0/0	0/0	0/0	0/0	0/0	36/14	
SN5Y	108,360	665	56	SOUHP-10	12.5	0/0	0/0	0/0	0/0	0/0	665/56	
SN4R (SQ4NR, op)	42,750	286	50	SOULP-10	9.3	0/0	0/0	0/0	0/0	0/0	286/50	
SP9ATE	39,168	263	51	SOUHP-10	9.9	0/0	0/0	0/0	0/0	0/0	263/51	
SN5A (SP5WA, op)	38,376	248	52	SOUHP-10	11.3	0/0	0/0	0/0	0/0	0/0	248/52	
SP2EWQ	36,585	273	45	SOULP-10	5.7	0/0	0/0	0/0	0/0	0/0	273/45	
SP6AEG	18,576	149	43	SOUHP-10	7.7	0/0	0/0	0/0	0/0	0/0	149/43	
SNØR (SQ9IAU, op) (L)	1,260	30	14	SOULP-10	1.1	0/0	0/0	0/0	0/0	0/0	30/14	
Portugal												
CT7BJG	1,428,990	2,120	230	SOLP	26.7	0/0	118/27	343/45	574/50	455/53	630/55	
CT7AUP	303,534	674	154	SOHP	9.7	0/0	10/7	58/29	410/51	127/38	69/29	
CT1ELZ	18,054	102	59	SOLP	3.0	0/0	0/0	14/10	40/16	30/21	18/12	
CT1DRB (L)	374,850	736	170	SOULP	22.5	0/0	0/0	65/26	315/45	208/51	148/48	
CT1FOQ	34,263	142	81	SOULP	7.8	0/0	0/0	4/4	49/24	31/23	58/30	
CT1AGS	19,458	97	69	SOUHP	6.7	0/0	0/0	0/0	42/26	23/20	32/23	
CS2C (OK1RF, op)	239,127	1,357	59	SOHP-10	17.1	0/0	0/0	0/0	0/0	0/0	1,357/59	
CT7AIX	20,253	158	43	SOHP-10	7.7	0/0	0/0	0/0	0/0	0/0	158/43	
CT1ERY	9,936	96	36	SOULP-10	4.0	0/0	0/0	0/0	0/0	0/0	96/36	
Romania												
YO2MKI	27,000	164	60	SOHP	7.9	0/0	0/0	0/0	41/20	123/40	0/0	
YO3AI	25,650	114	75	SOLP	7.3	0/0	0/0	25/16	13/12	61/35	15/12	
YO2MJZ	20,100	100	67	SOLP	4.2	0/0	11/10	29/18	8/6	18/13	34/20	
YO9AYN	16,245	97	57	SOHP	3.1	0/0	16/9	0/0	4/3	53/30	24/15	
YO4AAC (L)	16,128	112	48	SOLP	8.0	0/0	0/0	15/8	1/1	39/18	57/21	
YO8BDW	15,756	108	52	SOLP	10.3	0/0	0/0	47/22	5/4	56/26	0/0	
YO5BXI	7,320	63	40	SOLP	7.6	0/0	0/0	30/15	16/11	17/14	0/0	
YO3CWC	4,080	47	34	SOLP	4.5	0/0	3/3	24/13	3/3	14/12	3/3	
YO5YM (L)	1,863	28	23	SOLP	2.0	0/0	0/0	8/7	0/0	14/11	6/5	
YO6HSU (L)	1,104	25	16	SOLP	2.4	0/0	0/0	5/4	0/0	20/12	0/0	
YO4BEX	396	12	11	SOQRP	1.0	0/0	0/0	0/0	2/2	9/8	1/1	
YO4SLL	210	13	10	SOLP	3.2	0/0	0/0	0/0	0/0	2/2	11/8	
YO9HP	635,187	1,053	203	SOUHP	21.3	0/0	56/19	264/43	181/43	292/52	260/46	
YO4NF	309,366	679	153	SOUHP	16.3	0/0	63/20	185/33	77/23	191/43	163/34	
YO8DOH (L)	114,492	330	116	SOULP	15.9	0/0	20/11	103/34	7/7	107/35	93/29	
YQ8E	90,585	318	99	SOULP	13.4	0/0	0/0	0/0	74/30	81/32	163/37	
YO4FHU (L)	66,057	230	97	SOULP	16.3	0/0	12/9	58/24	44/17	62/24	54/23	
YO4NT	46,899	196	81	SOUHP	7.2	0/0	0/0	36/19	38/14	82/28	40/20	
YO8WW	40,320	162	84	SOUQRP	5.1	0/0	8/6	8/6	25/17	69/32	52/23	
YO9SW	28,416	131	74	SOUHP	7.3	0/0	0/0	31/17	27/13	43/24	30/20	

YO6OEV	11,466	79	49	SOUHP	2.6	0/0	0/0	15/10	7/4	28/17	29/18
YO4DW	4,116	52	28	SOULP	4.6	0/0	0/0	0/0	0/0	43/21	9/7
YO3APJ	828	23	12	SOHP-160	1.8	23/12	0/0	0/0	0/0	0/0	0/0
YO4BEW (L)	5,175	79	23	SOQRP-40	7.2	0/0	0/0	79/23	0/0	0/0	0/0
YO4AUL (L)	2,592	53	18	SOLP-40	3.3	0/0	0/0	53/18	0/0	0/0	0/0
YO3FFF	1,440	30	16	SOQRP-40	1.3	0/0	0/0	30/16	0/0	0/0	0/0
YO6KPT (YO6FGZ, op)	17,850	185	34	SOUHP-40	6.7	0/0	0/0	185/34	0/0	0/0	0/0
YO3GCL	6,624	97	23	SOULP-40	3.6	0/0	0/0	97/23	0/0	0/0	0/0
YRØK (YO8RXP, op)	5,796	72	28	SOUHP-40	2.1	0/0	0/0	72/28	0/0	0/0	0/0
YO2GL (L)	3,021	54	19	SOULP-40	3.5	0/0	0/0	54/19	0/0	0/0	0/0
YO5BTZ (L)	546	15	13	SOLP-20	2.0	0/0	0/0	0/0	15/13	0/0	0/0
YO4FZX	210	10	7	SOLP-20	0.5	0/0	0/0	0/0	10/7	0/0	0/0
YO2LEA	53,244	356	51	SOHP-15	11.0	0/0	0/0	0/0	0/0	356/51	0/0
YO2IS	7,626	90	31	SOLP-15	6.0	0/0	0/0	0/0	0/0	90/31	0/0
YO2CMI	3,744	52	24	SOLP-15	4.0	0/0	0/0	0/0	0/0	52/24	0/0
YO4AJ	2,268	37	21	SOLP-15	4.2	0/0	0/0	0/0	0/0	37/21	0/0
YO3GNF (L)	1,200	25	16	SOUHP-15	0.7	0/0	0/0	0/0	0/0	25/16	0/0
YO3AK (L)	6,048	87	24	SOHP-10	5.6	0/0	0/0	0/0	0/0	0/0	87/24
YO5BRE (L)	5,346	66	27	SOLP-10	2.9	0/0	0/0	0/0	0/0	0/0	66/27
YO6LA (L)	882	23	14	SOULP-10	2.2	0/0	0/0	0/0	0/0	0/0	23/14
YO3LW	324	13	9	SOUHP-10	0.5	0/0	0/0	0/0	0/0	0/0	13/9
Sardinia											
ISØZOD (OM3RM, op)	2,460,759	3,194	259	SOHP	26.7	12/8	116/29	675/54	727/55	797/55	867/58
ISØAFM	120,258	395	102	SOHP	4.8	0/0	2/2	21/15	20/8	144/37	208/40
ISØESG	55,944	224	84	SOQRP	17.7	0/0	3/3	24/12	13/8	72/29	112/32
ISØHDP	10,560	76	55	SOLP	9.8	0/0	0/0	0/0	18/14	28/22	30/19
IRØAPTT (L)	1,425	25	19	SOLP	1.5	0/0	0/0	10/6	15/13	0/0	0/0
IPØA (ISØJHQ, op)	65,001	468	47	SOHP-80	16.0	0/0	468/47	0/0	0/0	0/0	0/0
ISØJXO (L)	48,516	317	52	SOLP-15	7.4	0/0	0/0	0/0	0/0	317/52	0/0
ISØKEW (L)	4,224	51	32	SOLP-15	5.0	0/0	0/0	0/0	0/0	51/32	0/0
Scotland											
GM5X (GM4YXI, op)	604,314	1,100	186	SOHP	9.9	9/7	93/27	180/29	84/23	303/48	431/52
MMØT (GM3WUX, op)	590,580	1,183	170	SOHP	15.8	0/0	22/11	81/32	220/32	351/47	509/48
MM1E (MMØGOR, op)	463,425	951	167	SOHP	19.4	0/0	53/18	164/30	142/33	289/43	303/43
GM5A	314,640	703	152	SOHP	7.3	0/0	14/12	44/18	111/30	266/47	268/45
MM9I (GMØOPS, op)	1,215,363	1,708	241	SOUHP	29.3	1/1	237/36	348/47	314/48	416/57	392/52
MM2T	384,048	779	168	SOUHP	14.7	0/0	19/12	43/17	213/43	219/50	285/46
GM4Z (GM4ZUK, op)	382,668	895	143	SOUHP	10.5	0/0	0/0	0/0	172/39	382/54	341/50
GM5BDX	101,748	292	122	SOUHP	16.3	0/0	26/17	40/21	61/25	71/27	94/32
GM3YEH (L)	94,320	242	131	SOUHP	10.1	0/0	0/0	0/0	32/32	113/52	97/47
MM3I (L)	46,725	177	89	SOULP	9.0	0/0	0/0	1/1	37/21	95/40	44/27
GM3STM (L)	45,840	194	80	SOULP	10.8	0/0	0/0	20/14	27/15	40/19	107/32
GM3ZRT	38,412	135	97	SOUHP	5.5	0/0	3/3	17/16	7/5	57/37	51/36
GM2V (GM3WOJ, op)	19,434	159	41	SOUHP	2.4	0/0	0/0	0/0	151/34	8/7	0/0
GM8U (MMØDFV, op) (L)	45,504	319	48	SOLP-15	15.6	0/0	0/0	0/0	0/0	319/48	0/0

GMØEGI (L)	9,765	99	35	SOUHP-15	4.4	0/0	0/0	0/0	0/0	99/35	0/0
MMØC (MMØCEZ, op) (L)	8,835	98	31	SOULP-15	3.5	0/0	0/0	0/0	0/0	98/31	0/0
GMØAZC	6,840	81	30	SOHP-10	6.9	0/0	0/0	0/0	0/0	0/0	81/30
Serbia											
YU1YV	350,262	684	174	SOLP	29.8	0/0	53/20	159/35	129/35	164/44	179/40
YU1AT	47,124	215	77	SOLP	12.3	0/0	0/0	73/19	30/15	97/35	15/8
YU1QU	3,510	49	26	SOQRP	4.3	0/0	0/0	0/0	2/2	15/10	32/14
YU4ETA (L)	2,331	40	21	SOLP	2.7	0/0	0/0	10/6	0/0	0/0	30/15
YT1XC	900	20	15	SOLP	3.1	0/0	0/0	1/1	12/8	7/6	0/0
YU1ZZ	1,592,409	2,181	247	SOUHP	39.7	0/0	163/32	596/54	495/50	532/56	395/55
YU5R (YT2AAA, op)	559,860	1,091	172	SOUHP	19.2	0/0	3/3	114/26	464/53	205/42	305/48
YU7KW	496,665	852	195	SOUHP	20.5	0/0	113/29	286/46	31/23	205/51	217/46
YT5A (YT1AD, op)	466,755	849	185	SOUHP	9.6	0/0	24/18	134/34	242/43	235/46	214/44
YT4T	462,600	783	200	SOUHP	15.0	0/0	62/23	264/45	138/43	210/52	109/37
YT2RX	153,909	356	147	SOULP	17.3	0/0	11/10	98/29	90/37	74/39	83/32
YU1JW	128,340	346	124	SOUHP	7.3	0/0	0/0	23/15	57/25	85/39	181/45
YT5M	80,850	257	110	SOULP	6.4	0/0	0/0	0/0	93/35	59/36	105/39
YU3TA	43,428	194	77	SOUHP	3.2	0/0	0/0	33/13	53/21	108/43	0/0
YU1UN (L)	8,547	78	37	SOULP	4.3	0/0	0/0	0/0	7/6	9/7	62/24
YU2M (L)	12,558	172	26	SOHP-80	10.4	0/0	172/26	0/0	0/0	0/0	0/0
YT4W (YU1DW, op)	52,170	378	47	SOHP-40	4.1	0/0	0/0	378/47	0/0	0/0	0/0
YU1RA	40,560	339	40	SOHP-40	9.1	0/0	0/0	339/40	0/0	0/0	0/0
YU5T	5,148	78	22	SOLP-40	4.3	0/0	0/0	78/22	0/0	0/0	0/0
YU4TXT (Y)	504	14	12	SOLP-40	0.2	0/0	0/0	14/12	0/0	0/0	0/0
YU7EE (L)	231	11	7	SOLP-40	0.3	0/0	0/0	11/7	0/0	0/0	0/0
YT1T	36,036	298	42	SOHP-20	13.3	0/0	0/0	0/0	298/42	0/0	0/0
YU1ML	126	7	6	SOLP-20	0.5	0/0	0/0	0/0	7/6	0/0	0/0
YT1A	135,774	807	57	SOUHP-20	23.8	0/0	0/0	0/0	807/57	0/0	0/0
YT7X	30,618	247	42	SOUHP-20	8.8	0/0	0/0	0/0	247/42	0/0	0/0
YT6T (YU7CM, op)	83,793	542	53	SOUHP-15	13.5	0/0	0/0	0/0	0/0	542/53	0/0
YT9A	61,380	375	55	SOUHP-15	6.4	0/0	0/0	0/0	0/0	375/55	0/0
YT7KM	39,528	247	54	SOUHP-15	10.7	0/0	0/0	0/0	0/0	247/54	0/0
YU7WW	122,247	810	51	SOHP-10	12.9	0/0	0/0	0/0	0/0	0/0	810/51
YT3H	7,644	99	26	SOLP-10	3.1	0/0	0/0	0/0	0/0	0/0	99/26
YT2U	1,254	48	19	SOLP-10	5.8	0/0	0/0	0/0	0/0	0/0	48/19
YT3M (L)	9,603	98	33	SOULP-10	5.7	0/0	0/0	0/0	0/0	0/0	98/33
YU1LM (L)	7,128	90	27	SOUQRP-10	6.1	0/0	0/0	0/0	0/0	0/0	90/27
Slovak Republic											
OM7K (OM7RU, op)	1,331,484	1,843	242	SOHP	36.3	25/13	220/35	675/52	313/45	328/54	282/43
OM6AL	264,624	621	149	SOHP	27.1	4/3	81/20	149/33	128/29	179/39	80/25
OM7ZM	203,472	481	144	SOLP	12.3	0/0	22/13	125/29	98/30	121/37	115/35
OM3CPF	201,390	508	137	SOHP	24.4	0/0	68/22	160/36	71/24	183/42	26/13
OM5MX	124,950	351	119	SOLP	17.2	0/0	24/14	63/26	79/24	85/28	100/27
OM3BY	121,404	303	134	SOHP	5.5	0/0	27/15	61/25	47/23	67/33	101/38
OM3CFR	64,272	213	103	SOLP	7.0	0/0	23/13	57/24	31/19	90/37	12/10

OM5JA (L)	51,360	225	80	SOLP	15.9	0/0	30/16	94/25	0/0	68/24	33/15	
OM2DT	42,840	188	85	SOLP	14.0	0/0	45/19	6/5	51/20	59/26	27/15	
OM7AG	33,777	142	81	SOLP	11.8	0/0	26/15	49/20	24/16	36/23	7/7	
OM3ZU (L)	28,560	143	68	SOLP	9.0	0/0	34/15	6/4	25/13	54/25	24/11	
OM2AAZ	24,366	136	62	SOLP	7.5	0/0	0/0	0/0	27/15	56/27	53/20	
OM3TBG (L)	13,350	92	50	SOLP	4.7	0/0	0/0	4/3	15/11	63/28	10/8	
OM2XA	11,475	87	45	SOLP	2.8	0/0	0/0	0/0	33/17	15/11	39/17	
OM7AT (L)	9,108	70	44	SOLP	6.0	0/0	1/1	27/17	2/2	27/15	13/9	
OM8MM	7,191	72	47	SOLP	6.6	0/0	4/4	25/15	17/10	11/8	15/10	
OM4CI	3,999	43	31	SOLP	2.2	0/0	0/0	0/0	13/8	8/8	22/15	
OM1FW (L)	2,268	36	21	SOLP	4.4	0/0	0/0	0/0	0/0	18/12	18/9	
OM2VL	3,340,962	3,608	313	SOUHP	42.9	97/32	312/47	966/59	644/58	772/59	817/58	
OM2X	940,170	1,716	185	SOUHP	24.9	0/0	0/0	788/53	166/35	267/47	495/50	
OMØRX	156,009	444	119	SOUQRP	9.8	0/0	0/0	46/18	92/26	210/46	96/29	
OM8DD (L)	145,410	386	131	SOULP	27.0	0/0	81/26	143/32	37/20	86/32	39/21	
OM4AY	14,112	88	56	SOULP	4.5	0/0	12/11	20/12	17/12	37/19	2/2	
OMØM (OM3CGN, op)	8,970	117	26	SOUHP-160	7.7	117/26	0/0	0/0	0/0	0/0	0/0	
OM5AW	41,151	335	43	SOUHP-80	13.7	0/0	335/43	0/0	0/0	0/0	0/0	
OM5KM (L)	5,244	77	23	SOULP-80	6.0	0/0	77/23	0/0	0/0	0/0	0/0	
OM3CDN (L)	1,440	32	16	SOLP-40	4.0	0/0	0/0	32/16	0/0	0/0	0/0	
OM1AVV	1,044	29	12	SOLP-40	1.0	0/0	0/0	29/12	0/0	0/0	0/0	
OM/UT2WW	18,582	170	38	SOULP-40	10.5	0/0	0/0	170/38	0/0	0/0	0/0	
OM7LW	35,550	244	50	SOULP-20	11.3	0/0	0/0	0/0	244/50	0/0	0/0	
OM6MW	1,785	35	17	SOULP-20	2.7	0/0	0/0	0/0	35/17	0/0	0/0	
OM5R (OM5WW, op)	156,078	906	58	SOHP-15	17.9	0/0	0/0	0/0	0/0	906/58	0/0	
OM8CW	175,407	999	59	SOUHP-15	17.4	0/0	0/0	0/0	0/0	999/59	0/0	
OM3CW	91,827	544	57	SOUHP-15	9.6	0/0	0/0	0/0	0/0	544/57	0/0	
OM7LM	51,714	342	51	SOUHP-15	8.6	0/0	0/0	0/0	0/0	342/51	0/0	
OM7PY	10,710	103	35	SOLP-10	6.0	0/0	0/0	0/0	0/0	0/0	103/35	
OM6TX	2,484	46	18	SOLP-10	3.2	0/0	0/0	0/0	0/0	0/0	46/18	
Slovenia												
S57K	2,206,302	2,844	262	SOHP	37.2	48/16	320/39	775/52	455/49	664/55	582/51	
S52NR	1,084,821	1,540	239	SOLP	26.5	8/7	137/30	432/51	289/45	288/55	386/51	
S57NAW	270,375	519	175	SOLP	24.9	1/1	33/18	78/34	122/35	155/45	130/42	
S58MU (L)	1,440	25	20	SOLP	0.8	0/0	0/0	21/16	0/0	4/4	0/0	
S57AL	2,494,764	3,052	276	SOUHP	38.6	29/16	269/42	865/55	574/50	638/57	677/56	
S53V	636,480	1,030	208	SOUHP	17.5	0/0	41/22	153/45	240/43	279/52	317/46	
S58W (S53AU, op)	629,124	1,020	206	SOUHP	24.5	0/0	68/25	149/42	252/43	309/49	242/47	
S53F	576,870	960	205	SOUHP	19.6	0/0	83/27	95/37	269/43	264/49	249/49	
S52AU	478,200	807	200	SOUHP	14.6	1/1	38/19	169/46	185/42	214/48	200/44	
S51DX	382,284	874	148	SOUHP	9.0	0/0	0/0	84/21	371/44	198/43	221/40	
S57KM (L)	306,234	645	159	SOULP	12.3	0/0	20/11	128/27	190/36	178/46	129/39	
S53K (L)	301,224	634	163	SOULP	10.2	0/0	36/14	199/38	78/29	157/42	164/40	
S59AA	287,550	693	142	SOUHP	12.1	0/0	0/0	14/10	214/33	254/50	211/49	
S53BB	255,348	505	173	SOUHP	13.2	0/0	67/22	110/39	48/24	126/47	154/41	

S5ØR	168,480	505	117	SOULP	12.1	0/0	0/0	0/0	124/32	148/44	233/41	
S54O	138,651	414	113	SOUHP	5.5	0/0	0/0	0/0	107/32	110/35	197/46	
S52W	125,208	298	141	SOULP	5.4	0/0	47/22	89/31	36/16	78/42	48/30	
S54E	114,912	297	133	SOUHP	8.5	0/0	4/4	116/30	116/42	36/35	25/22	
S52WD	97,614	322	102	SOUHP	5.6	0/0	0/0	0/0	168/37	56/24	98/41	
S51RE	87,450	269	110	SOUHP	9.0	0/0	71/23	99/29	61/28	15/13	23/17	
S57W	82,248	321	92	SOUHP	13.7	0/0	20/10	217/36	23/15	19/12	42/19	
S57WX (L Y)	70,143	235	103	SOULP	12.9	0/0	17/10	63/20	56/25	49/26	50/22	
S52BT	48,741	221	77	SOUHP	13.2	0/0	0/0	0/0	74/23	61/27	86/27	
S54A	46,746	159	98	SOULP	5.0	0/0	26/15	64/32	23/12	19/15	27/24	
S51VC	34,425	156	75	SOULP	6.1	0/0	0/0	49/23	1/1	43/21	63/30	
S56C	13,968	100	48	SOULP	3.2	0/0	0/0	3/3	9/6	63/28	25/11	
S58D	10,584	72	49	SOULP	2.5	0/0	9/7	23/11	4/4	21/18	15/9	
S53TG	4,182	44	34	SOULP	3.3	0/0	7/7	27/21	10/6	0/0	0/0	
S5ØDK	3,276	42	26	SOULP	4.3	0/0	0/0	0/0	22/14	20/12	0/0	
S51SL (L)	960	22	16	SOULP	2.2	0/0	0/0	14/9	8/7	0/0	0/0	
S56X (L)	4,140	77	20	SOUHP-160	5.3	77/20	0/0	0/0	0/0	0/0	0/0	
S51YI	54,384	422	44	SOUHP-80	14.5	0/0	422/44	0/0	0/0	0/0	0/0	
S53X	50,697	407	43	SOUHP-80	14.1	0/0	407/43	0/0	0/0	0/0	0/0	
S57Q	145,152	921	54	SOHP-40	20.1	0/0	0/0	921/54	0/0	0/0	0/0	
S52AW	162,120	1,000	56	SOUHP-40	21.5	0/0	0/0	1,000/56	0/0	0/0	0/0	
S53D (S57MZ, op)	93,177	647	51	SOUHP-40	21.7	0/0	0/0	647/51	0/0	0/0	0/0	
S51J	68,250	473	50	SOUHP-40	12.3	0/0	0/0	473/50	0/0	0/0	0/0	
S52P (L)	31,020	246	44	SOUQRP-40	16.2	0/0	0/0	246/44	0/0	0/0	0/0	
S58R (L)	18,900	163	42	SOUQRP-40	11.0	0/0	0/0	163/42	0/0	0/0	0/0	
S58Y	4,896	70	24	SOULP-40	5.4	0/0	0/0	70/24	0/0	0/0	0/0	
S57EA (L)	720	20	12	SOUQRP-40	1.0	0/0	0/0	20/12	0/0	0/0	0/0	
S51Z	10,500	128	28	SOQRP-20	11.6	0/0	0/0	0/0	128/28	0/0	0/0	
S53JW	12,078	127	33	SOUHP-20	5.6	0/0	0/0	0/0	127/33	0/0	0/0	
S51MM	3,933	58	23	SOUHP-20	3.0	0/0	0/0	0/0	58/23	0/0	0/0	
S51RW	2,295	46	17	SOULP-20	5.9	0/0	0/0	0/0	46/17	0/0	0/0	
S5ØK	176,784	1,029	58	SOUHP-15	18.9	0/0	0/0	0/0	0/0	1,029/58	0/0	
S5ØC (S53RM, op)	135,072	816	56	SOHP-10	13.1	0/0	0/0	0/0	0/0	0/0	816/56	
S53WW	128,535	784	55	SOHP-10	13.3	0/0	0/0	0/0	0/0	0/0	784/55	
Spain												
EA1X	1,981,584	2,557	264	SOHP	21.3	25/16	194/36	513/51	413/51	686/55	726/55	
EF3T (EA3FZT, op)	532,752	1,034	176	SOLP	19.3	0/0	37/16	210/39	286/38	218/42	283/41	
EF5Q	265,923	610	147	SOLP	13.9	0/0	0/0	99/28	169/36	184/48	158/35	
EA5DD	164,016	416	134	SOLP	11.7	0/0	29/17	151/38	23/10	71/31	142/38	
EA7BEZ (L)	123,648	376	112	SOLP	12.9	0/0	0/0	180/34	44/20	64/29	88/29	
EA7GVR	80,352	251	108	SOLP	13.5	0/0	0/0	23/12	73/28	86/38	69/30	
ED4J	79,566	311	89	SOLP	9.7	0/0	0/0	0/0	59/19	97/31	155/39	
EA4EER	78,153	242	109	SOHP	15.6	0/0	8/8	34/20	50/23	52/23	98/35	
EA5D	68,478	227	101	SOLP	5.6	0/0	3/3	27/20	18/12	70/31	109/35	
EA1IYK	64,890	221	105	SOLP	13.6	0/0	4/4	38/20	54/26	88/31	37/24	

EA4FME	57,285	220	95	SOHP	13.5	0/0	2/2	53/21	63/29	94/35	8/8
EA5KO	38,763	180	73	SOLP	4.0	0/0	0/0	0/0	53/23	88/31	39/19
EA3DA	33,972	149	76	SOLP	8.2	0/0	11/9	51/24	17/12	58/22	12/9
EA7OR (L)	28,194	130	74	SOLP	5.5	0/0	0/0	57/21	11/8	24/18	38/27
EA3BRL (L)	24,888	126	68	SOLP	10.9	0/0	0/0	54/26	13/8	27/16	32/18
EB5BRZ	22,794	132	58	SOLP	10.7	0/0	0/0	19/10	56/20	0/0	57/28
EA1BDX	18,810	119	55	SOLP	7.6	0/0	0/0	0/0	44/18	23/15	52/22
EA4XT	17,298	95	62	SOLP	4.2	0/0	0/0	22/15	4/4	37/24	32/19
EA3GNU	14,544	107	48	SOHP	1.4	0/0	0/0	0/0	0/0	46/24	61/24
EA3WX	13,377	96	49	SOLP	7.3	0/0	0/0	0/0	37/14	34/20	25/15
EA5CP (L)	12,300	86	50	SOLP	4.1	0/0	0/0	0/0	16/12	26/17	44/21
EA5XQ (L)	12,240	81	51	SOLP	4.1	0/0	0/0	16/11	32/17	16/13	17/10
EA3GEO	10,140	68	52	SOLP	5.7	0/0	0/0	13/11	12/10	34/23	9/8
EA5VK (L)	9,546	85	43	SOLP	5.8	0/0	0/0	0/0	0/0	34/20	51/23
EE2A (EA2SN, op) (L)	6,786	59	39	SOQRP	3.6	0/0	6/6	44/24	0/0	5/5	4/4
EA5DO	6,603	73	31	SOLP	3.0	0/0	0/0	0/0	58/19	14/11	1/1
EA3DMN (L)	4,140	55	30	SOLP	8.0	0/0	0/0	0/0	20/11	0/0	35/19
EA4FIT (L)	2,553	37	23	SOHP	3.4	0/0	0/0	0/0	0/0	11/9	26/14
EA5BH	1,311	23	19	SOLP	1.2	0/0	0/0	0/0	3/3	9/8	11/8
EE3L (EA3EYO, op) (L)	540	19	12	SOLP	2.4	0/0	0/0	0/0	6/3	2/2	11/7
ED1R (EA4AOC, op)	1,544,676	2,018	259	SOULP	32.2	17/14	102/28	490/55	440/51	512/56	457/55
EA3DZ	1,199,748	1,648	244	SOULP	28.9	4/4	135/33	375/52	354/48	364/53	416/54
EC4TA	1,010,031	1,433	241	SOULP	33.0	0/0	104/35	286/46	390/49	376/56	277/55
EA5M	808,488	1,401	197	SOULP	15.4	0/0	72/24	365/42	297/38	285/45	382/48
EA2AZ	704,457	1,077	223	SOULP	32.6	4/4	116/33	269/45	274/45	219/51	195/45
EA5GX (L)	437,886	911	162	SOULP	23.2	0/0	0/0	107/28	278/43	198/46	328/45
EA4KA	369,684	764	163	SOULP	17.1	0/0	0/0	27/19	246/47	228/51	263/46
EA7TG	282,420	537	180	SOUHP	11.5	15/11	19/15	121/38	175/38	99/41	108/37
EA4BAS (L)	246,330	522	161	SOULP	14.9	0/0	0/0	85/33	166/41	157/47	114/40
EA5YU	243,360	511	160	SOUHP	18.7	0/0	0/0	113/32	110/35	130/46	158/47
EA2KV	197,136	444	148	SOULP	6.4	0/0	8/5	79/40	48/23	153/41	156/39
EA5XA (L)	181,608	391	161	SOULP	16.5	0/0	12/9	87/34	84/33	99/42	109/43
EA5KM	170,226	589	98	SOUHP	6.7	0/0	0/0	295/49	0/0	294/49	0/0
EB5F	142,002	487	98	SOUHP	8.5	0/0	0/0	0/0	32/15	210/41	245/42
EA5ICL	124,200	346	120	SOUQRP	19.3	0/0	20/11	67/26	108/27	113/33	38/23
EA4R	116,523	324	121	SOUHP	4.6	0/0	14/8	137/34	3/3	81/39	89/37
EA3XR	103,722	294	118	SOULP	6.7	0/0	0/0	54/21	30/15	91/39	119/43
EC4C	81,900	273	105	SOUHP	2.6	0/0	0/0	0/0	42/22	115/40	116/43
EA1CS	79,608	248	107	SOULP	7.7	0/0	13/7	24/17	29/17	96/36	86/30
EA4CWW (L)	69,828	255	92	SOULP	18.8	0/0	0/0	79/31	43/17	8/7	125/37
EA3HRE	66,150	253	90	SOUHP	13.1	0/0	0/0	0/0	33/19	91/33	129/38
EA5O	51,552	362	48	SOULP	7.6	0/0	0/0	362/48	0/0	0/0	0/0
EA3QP	42,456	125	116	SOUHP	1.9	0/0	0/0	13/13	39/32	43/43	30/28
EA7GZQ	42,354	185	78	SOUHP	5.3	0/0	0/0	14/10	117/33	24/16	30/19
EA1AER (L)	37,230	172	73	SOUQRP	6.7	0/0	0/0	23/10	11/9	43/23	95/31

ED1S (EA1IQM, op) (L)	36,036	159	77	SOULP	6.6	0/0	4/4	39/21	60/25	53/25	3/2
EB5CS	15,105	95	53	SOULP	3.8	0/0	0/0	36/16	13/7	21/13	25/17
EE5E (EA5IYL, op) (L)	10,395	84	45	SOUQRP	6.5	0/0	0/0	0/0	24/12	16/12	44/21
EA5MR (L)	4,725	47	35	SOULP	5.5	0/0	0/0	12/8	9/6	19/14	7/7
EA3CWT (L)	3,588	48	26	SOULP	2.2	0/0	0/0	21/13	27/13	0/0	0/0
EA2DDE (L)	3,306	42	29	SOUHP	1.4	0/0	1/1	3/3	0/0	2/2	36/23
EA2GM (L)	2,997	39	27	SOULP	2.7	0/0	0/0	0/0	21/13	2/2	16/12
EC3AIT	1,071	21	17	SOUHP	0.7	0/0	0/0	0/0	16/12	1/1	4/4
EA5C (L)	8,667	115	27	SOHP-160	5.9	115/27	0/0	0/0	0/0	0/0	0/0
EA1DAV	57,000	394	50	SOUHP-80	14.4	0/0	394/50	0/0	0/0	0/0	0/0
EA5EL	84,396	552	52	SOHP-40	13.7	0/0	0/0	552/52	0/0	0/0	0/0
EA7/VE3NZ	92,040	607	52	SOUHP-40	27.0	0/0	0/0	607/52	0/0	0/0	0/0
EA5/UW1WA	15,855	160	35	SOUHP-40	6.9	0/0	0/0	160/35	0/0	0/0	0/0
EA5BM (L)	14,994	119	42	SOUHP-40	2.8	0/0	0/0	119/42	0/0	0/0	0/0
EA3X	2,736	51	19	SOHP-20	1.0	0/0	0/0	0/0	51/19	0/0	0/0
EE4A (EA4IE, op)	2,337	43	19	SOLP-20	2.9	0/0	0/0	0/0	43/19	0/0	0/0
EA2CAR (L)	1,530	30	17	SOQRP-20	0.9	0/0	0/0	0/0	30/17	0/0	0/0
EA1FGX	462	17	11	SOLP-20	2.2	0/0	0/0	0/0	17/11	0/0	0/0
EA1WH	59,211	389	51	SOUHP-20	19.5	0/0	0/0	0/0	389/51	0/0	0/0
EF3W (EA3CX, op)	212,829	1,175	61	SOHP-15	19.3	0/0	0/0	0/0	0/0	1,175/61	0/0
EA7FPG	62,010	405	53	SOHP-15	11.3	0/0	0/0	0/0	0/0	405/53	0/0
EA5ITT	11,988	113	36	SOLP-15	4.7	0/0	0/0	0/0	0/0	113/36	0/0
EA2BD (L)	2,583	41	21	SOQRP-15	2.8	0/0	0/0	0/0	0/0	41/21	0/0
EA3TJ	3	1	1	SOQRP-15	0.1	0/0	0/0	0/0	0/0	1/1	0/0
EC5K	131,868	826	54	SOHP-10	12.6	0/0	0/0	0/0	0/0	0/0	826/54
EA7/PA5JF (L)	25,338	208	41	SOLP-10	13.7	0/0	0/0	0/0	0/0	0/0	208/41
EA3AR	142,131	824	59	SOUHP-10	14.2	0/0	0/0	0/0	0/0	0/0	824/59
EA3NO	93,537	550	57	SOULP-10	12.0	0/0	0/0	0/0	0/0	0/0	550/57
EA3AKY	83,961	498	57	SOULP-10	13.8	0/0	0/0	0/0	0/0	0/0	498/57
ED3Q (EA3O, op)	65,448	407	54	SOUQRP-10	13.8	0/0	0/0	0/0	0/0	0/0	407/54
EA3OH	28,512	200	48	SOUHP-10	6.2	0/0	0/0	0/0	0/0	0/0	200/48
EA3AVV (L)	15,960	141	38	SOULP-10	2.9	0/0	0/0	0/0	0/0	0/0	141/38
EA5ET	13,923	123	39	SOULP-10	4.0	0/0	0/0	0/0	0/0	0/0	123/39
EA3VN	13,176	123	36	SOULP-10	4.9	0/0	0/0	0/0	0/0	0/0	123/36
EA1ASG (L)	10,080	110	32	SOULP-10	5.9	0/0	0/0	0/0	0/0	0/0	110/32
Sweden											
SM2M (SM2LIY, op)	301,875	580	175	SOLP	20.0	0/0	1/1	44/32	186/47	262/53	87/42
SM7CIL	156,210	410	127	SOLP	18.3	0/0	0/0	57/25	72/27	136/38	145/37
SM6EAN	142,155	355	135	SOHP	10.8	6/5	47/15	109/38	61/25	99/31	33/21
SD1A (SM1TDE, op) (L)	73,500	252	98	SOHP	9.2	0/0	2/2	44/25	40/20	108/28	58/23
SM5CSS	40,824	162	84	SOLP	6.9	0/0	0/0	6/4	25/18	76/37	55/25
SK5A (SM5GMZ, op) (L)	33,930	147	78	SOHP	2.6	0/0	0/0	19/13	24/13	66/29	38/23
SE6S	18,966	113	58	SOHP	7.6	0/0	0/0	30/19	31/14	51/24	1/1
SC6O (SM6OEF, op)	15,582	101	53	SOLP	6.2	0/0	0/0	9/8	24/13	61/26	7/6
SM5LW	3,567	45	29	SOLP	2.9	0/0	0/0	0/0	13/10	28/15	4/4

SM6IQD	1,440	27	20	SOLP	2.1	0/0	0/0	2/2	15/9	3/3	7/6	
SM5ACQ (L)	1,368	25	19	SOLP	1.5	0/0	0/0	6/5	0/0	18/13	1/1	
SM4TU	60	5	4	SOLP	0.4	0/0	0/0	0/0	3/2	0/0	2/2	
SE5E (SM5AJV, op)	471,042	802	198	SOUHP	14.8	0/0	52/19	159/40	124/40	241/51	226/48	
SB7S	324,969	757	149	SOUHP	20.8	0/0	9/7	87/26	80/26	276/47	305/43	
SC7DX (SM7GIB, op)	256,389	425	203	SOUHP	10.3	6/5	43/23	72/35	78/38	124/53	102/49	
SMØD	199,863	427	159	SOUHP	9.2	0/0	13/10	57/24	104/37	158/50	95/38	
SM7PEV	167,670	422	135	SOUHP	15.8	0/0	23/11	48/22	98/28	154/40	99/34	
SE5T (SM5GRD, op)	139,104	374	126	SOUHP	7.4	0/0	0/0	49/26	52/25	166/42	107/33	
SM5EPO	137,943	402	117	SOUHP	15.3	0/0	0/0	84/20	118/34	71/30	129/33	
SM3OMO	74,250	229	110	SOUHP	11.4	0/0	13/8	30/20	35/18	93/42	58/22	
SM6TOL (L)	68,880	290	82	SOULP	7.5	0/0	0/0	5/5	35/15	148/34	102/28	
SE4E (SM4DQE, op)	57,915	197	99	SOULP	10.3	0/0	2/2	30/19	38/20	78/34	49/24	
SM3PZG	48,330	180	90	SOUHP	5.8	0/0	1/1	30/19	74/30	58/31	17/9	
SM6F	38,346	154	83	SOUHP	5.7	0/0	16/10	17/12	47/21	64/33	10/7	
SK6AW (SM6FZO, op)	32,706	147	79	SOULP	8.5	0/0	6/5	53/26	31/18	26/14	31/16	
SD6M (SA6BGR, op)	32,040	180	60	SOUHP	5.1	0/0	0/0	5/4	62/23	113/33	0/0	
SMØFPR	11,232	78	48	SOUHP	3.2	0/0	0/0	0/0	15/10	29/20	34/18	
SM6LJU	7,215	65	37	SOUHP	2.0	0/0	0/0	15/10	48/25	2/2	0/0	
SM6NZA	6,720	56	40	SOUHP	4.9	0/0	0/0	25/14	1/1	7/7	23/18	
SF5X (SM5EFX, op)	5,016	46	38	SOUHP	1.7	0/0	3/3	15/13	9/7	19/15	0/0	
SM7RYR	4,368	58	26	SOULP	2.3	0/0	0/0	0/0	16/10	42/16	0/0	
SC5Q (SM5TOG, op)	4,218	38	37	SOUHP	1.5	0/0	1/1	16/15	4/4	16/16	1/1	
SM7IUN (L)	714	17	14	SOUHP	0.2	0/0	1/1	4/4	12/9	0/0	0/0	
SA6NIA (Y)	90	6	5	SOUHP-20	0.4	0/0	0/0	0/0	6/5	0/0	0/0	
SF6W (SM6EWB, op) (L)	12,120	101	40	SOLP-15	4.2	0/0	0/0	0/0	0/0	101/40	0/0	
SG3O (SM3AGO, op)	270	10	9	SOLP-15	1.3	0/0	0/0	0/0	0/0	10/9	0/0	
Switzerland												
HB9ARF	375,003	734	171	SOLP	24.3	1/1	68/23	142/33	202/31	187/46	134/37	
HB9EBC	189,420	479	140	SOHP	17.3	0/0	89/25	144/36	84/26	81/27	81/26	
HB9DCM	78,861	277	97	SOLP	11.3	0/0	0/0	35/14	49/22	90/31	103/30	
HB9GZP	42,750	151	95	SOHP	4.6	0/0	0/0	51/29	6/6	54/33	40/27	
HB9AFZ	1,344	30	16	SOHP	2.4	0/0	0/0	26/12	0/0	2/2	2/2	
HB9BGF (L)	1,125	25	15	SOLP	1.4	0/0	0/0	0/0	0/0	0/0	25/15	
HB9AYZ	270	12	9	SOQRP	0.3	0/0	0/0	3/3	1/1	0/0	8/5	
HB9ON (HB9DHG, op)	615,822	1,054	197	SOULP	28.5	9/6	96/27	372/49	195/36	221/43	161/36	
HB9TSW	416,757	816	173	SOUHP	12.0	0/0	14/8	348/46	167/33	169/46	118/40	
HB9BXE	331,875	639	177	SOULP	15.1	0/0	17/12	88/36	128/33	184/48	222/48	
HB9HTF	146,250	377	130	SOULP	7.2	0/0	15/11	83/26	71/23	124/41	84/29	
HB9AZZ (L)	118,428	292	139	SOUHP	14.9	0/0	37/18	62/27	86/38	72/37	35/19	
HB9IJC	108,504	279	132	SOUHP	6.9	6/6	45/23	26/16	23/15	75/36	104/36	
HB9BAS	105,264	277	129	SOULP	15.1	0/0	0/0	0/0	70/36	110/47	97/46	
HB9AJP	94,248	242	132	SOUHP	7.7	0/0	3/3	16/14	47/32	75/42	101/41	
HB9AUK	93,708	280	114	SOUHP	8.5	0/0	34/15	71/23	62/22	31/21	82/33	
HB9OK (HB9FBM, op)	78,780	263	101	SOUHP	7.4	0/0	0/0	0/0	71/28	72/38	120/35	

HB9IIH (L)	68,310	240	99	SOULP	13.2	0/0	7/5	25/11	74/25	44/25	90/33
HB9IKO (L)	56,358	192	101	SOULP	12.2	0/0	1/1	47/27	34/21	61/27	49/25
HB9TPN (L)	53,190	200	90	SOULP	8.9	0/0	0/0	18/14	35/17	75/30	72/29
HB9LCW	46,920	173	92	SOULP	14.3	0/0	10/7	30/14	22/14	62/35	49/22
HB9CZF	18,600	100	62	SOUHP	1.6	0/0	0/0	0/0	64/36	33/24	3/2
HB9CIC	15,675	97	55	SOULP	4.6	0/0	0/0	18/12	8/7	32/18	39/18
HB9CDH	12,672	88	48	SOULP	3.8	0/0	0/0	44/19	0/0	18/13	26/16
HB9KOG	5,616	55	36	SOUHP	1.9	0/0	0/0	3/3	33/18	19/15	0/0
HB9HWI (L)	4,305	41	35	SOULP	2.8	0/0	0/0	19/16	5/4	8/6	9/9
HB9EGA (L)	3,240	40	27	SOULP	2.6	0/0	0/0	0/0	27/16	13/11	0/0
HB9GFT	1,458	30	18	SOUHP-40	1.3	0/0	0/0	30/18	0/0	0/0	0/0
HB9DOS	9,504	89	36	SOUHP-20	3.2	0/0	0/0	0/0	89/36	0/0	0/0
HB9FAP	186,354	1,083	58	SOUHP-15	18.1	0/0	0/0	0/0	0/0	1,083/58	0/0
HB9AMO (L)	55,491	349	53	SOULP-15	12.9	0/0	0/0	0/0	0/0	349/53	0/0
HB9NE (HB9CAT, op)	163,734	953	58	SOUHP-10	15.0	0/0	0/0	0/0	0/0	0/0	953/58
HB9HFM	126	7	6	SOULP-10	0.2	0/0	0/0	0/0	0/0	0/0	7/6
Ukraine											
UXØLL	254,856	535	164	SOHP	18.5	0/0	79/27	178/39	121/38	99/35	58/25
UR7LY	204,267	502	137	SOHP	19.8	0/0	0/0	139/27	123/43	198/48	42/19
UR7EC	80,172	264	102	SOLP	15.5	0/0	13/9	112/28	12/10	90/39	37/16
UV1IX	51,870	269	65	SOHP	8.8	0/0	0/0	0/0	61/19	207/45	1/1
UT1UL	48,636	193	84	SOLP	13.1	0/0	0/0	51/19	42/20	92/38	8/7
UR5TFT	43,362	200	73	SOLP	9.5	0/0	0/0	5/5	12/8	116/37	67/23
UT2UB	42,975	196	75	SOHP	5.9	0/0	0/0	58/22	20/11	106/32	12/10
UT3UZ	26,718	147	61	SOLP	7.7	0/0	1/1	28/13	7/5	80/28	31/14
UZ1U (US7UU, op)	12,513	99	43	SOHP	9.1	0/0	0/0	50/13	2/2	39/21	8/7
UZ5DM (L)	11,115	104	39	SOHP	2.8	0/0	0/0	21/7	24/12	59/20	0/0
UT6ER	10,824	85	44	SOLP	5.9	0/0	0/0	25/13	7/5	42/20	11/6
USØSY	7,011	58	41	SOHP	2.4	0/0	13/10	13/8	0/0	32/23	0/0
UR5CC	5,022	65	27	SOLP	4.7	0/0	0/0	0/0	0/0	42/16	23/11
UX1CL	2,232	31	24	SOLP	1.4	0/0	6/5	1/1	4/3	20/15	0/0
UY2ZZ	1,914	30	22	SOHP	2.8	0/0	0/0	0/0	0/0	14/13	16/9
UW3WF	1,638	26	21	SOLP	3.5	0/0	1/1	2/2	0/0	18/15	5/3
UR4LIN (L)	1,134	25	18	SOHP	3.4	0/0	0/0	4/4	2/2	18/11	1/1
UR5ZNY (L)	756	18	14	SOLP	3.2	0/0	0/0	6/4	0/0	2/2	10/8
UR5TGK (L)	192	8	8	SOQRP	0.7	0/0	0/0	0/0	2/2	3/3	3/3
UR8UO	126	7	6	SOHP	0.7	0/0	0/0	7/6	0/0	0/0	0/0
UW1M	931,917	1,462	223	SOUHP	25.7	14/8	85/22	425/49	231/48	483/56	224/40
UTØU (UR5YKO, op) (Y)	723,045	1,153	215	SOUHP	34.3	0/0	85/26	388/49	234/44	253/53	193/43
UW2U (UR8UQ, op)	583,080	913	215	SOUHP	30.1	2/2	100/27	217/45	163/45	310/52	121/44
UT7W (UR5WCW, op)	392,304	747	176	SOULP	29.4	0/0	59/20	224/42	98/25	212/49	154/40
UW8SM (L)	107,604	299	122	SOULP	8.2	0/0	30/16	65/29	20/15	104/36	80/26
UT7NI	105,456	348	104	SOULP	10.2	0/0	20/10	18/9	21/13	166/42	123/30
UZ7E	93,870	299	105	SOULP	14.9	0/0	21/10	44/20	37/16	115/32	82/27
UY2UZ	70,686	235	102	SOULP	10.0	0/0	20/13	65/26	41/17	99/39	10/7

UT5ECZ	58,734	258	78	SOUHP	6.8	0/0	92/22	79/26	0/0	0/0	87/30
UT5UGR	55,872	192	97	SOUHP	4.5	0/0	0/0	28/13	51/25	53/29	60/30
UR5R (UTØRM, op)	50,184	251	68	SOUHP	6.9	0/0	0/0	28/14	34/13	169/35	20/6
UR3QX (L)	46,431	210	77	SOUHP	15.1	0/0	0/0	91/29	10/10	76/24	33/14
UR8RF	26,910	130	69	SOUHP	5.5	0/0	0/0	0/0	40/23	70/33	20/13
UX3IW (L)	25,056	97	87	SOULP	7.2	0/0	0/0	0/0	22/17	45/42	30/28
UR5ECW (L)	18,231	103	59	SOUHP	5.6	0/0	0/0	0/0	28/15	69/38	6/6
UT2II (L)	16,080	140	40	SOUHP	5.1	0/0	97/23	0/0	0/0	0/0	43/17
UR7HN (L)	14,700	107	50	SOULP	7.6	0/0	0/0	18/13	17/11	72/26	0/0
UT5C (UX7CQ, op) (L)	12,483	74	57	SOULP	4.2	0/0	0/0	2/2	42/30	0/0	30/25
UR8IF (L)	10,434	78	47	SOULP	5.2	0/0	0/0	14/11	2/2	39/21	23/13
US1VM (L)	10,293	76	47	SOULP	5.5	0/0	1/1	0/0	0/0	55/31	20/15
UZ1RM	9,522	70	46	SOULP	3.5	0/0	8/8	9/5	7/6	38/20	8/7
US7UC	2,871	34	29	SOULP	3.7	0/0	0/0	7/6	6/6	21/17	0/0
UY2IG	2,574	34	26	SOULP	0.8	0/0	0/0	2/2	12/10	20/14	0/0
UYØZG	1,350	30	15	SOHP-160	3.4	30/15	0/0	0/0	0/0	0/0	0/0
US6EX	16,416	175	32	SOHP-80	9.0	0/0	175/32	0/0	0/0	0/0	0/0
UT4WA	2,736	50	19	SOHP-40	5.4	0/0	0/0	50/19	0/0	0/0	0/0
UY7AM (L)	480	17	10	SOLP-40	2.6	0/0	0/0	17/10	0/0	0/0	0/0
UT5NC	5,208	66	28	SOHP-20	4.6	0/0	0/0	0/0	66/28	0/0	0/0
UR1UU	30,510	236	45	SOUHP-20	10.8	0/0	0/0	0/0	236/45	0/0	0/0
UT3EV	27	3	3	SOUHP-20	0.1	0/0	0/0	0/0	3/3	0/0	0/0
UT3QZ (L)	7,470	83	30	SOLP-15	5.5	0/0	0/0	0/0	0/0	83/30	0/0
UR1HR	5,952	68	31	SOLP-15	5.8	0/0	0/0	0/0	0/0	68/31	0/0
UR5EJ	2,679	48	19	SOHP-15	5.4	0/0	0/0	0/0	0/0	48/19	0/0
US3EW	2,451	44	19	SOQRP-15	3.5	0/0	0/0	0/0	0/0	44/19	0/0
UX7UN (L)	1,440	30	16	SOQRP-15	2.4	0/0	0/0	0/0	0/0	30/16	0/0
UT5EPP (L)	450	17	10	SOLP-15	1.6	0/0	0/0	0/0	0/0	17/10	0/0
UT7EZ	84,240	526	54	SOUHP-15	14.6	0/0	0/0	0/0	0/0	526/54	0/0
UZ1WW (L)	19,479	153	43	SOULP-15	5.7	0/0	0/0	0/0	0/0	153/43	0/0
UX1VT (L)	12,753	110	39	SOULP-15	4.1	0/0	0/0	0/0	0/0	110/39	0/0
US1UP	10,032	89	38	SOULP-15	7.7	0/0	0/0	0/0	0/0	89/38	0/0
UR5XMM (L)	5,544	67	28	SOUHP-15	4.1	0/0	0/0	0/0	0/0	67/28	0/0
UT8LU (L)	4,275	57	25	SOULP-15	4.7	0/0	0/0	0/0	0/0	57/25	0/0
UX7UU (L)	2,760	44	23	SOULP-15	4.4	0/0	0/0	0/0	0/0	44/23	0/0
US5VX	6,399	79	27	SOQRP-10	9.0	0/0	0/0	0/0	0/0	0/0	79/27
UY3AW	216	9	8	SOLP-10	1.0	0/0	0/0	0/0	0/0	0/0	9/8
UW5U (UY2UA, op)	11,934	118	34	SOULP-10	6.9	0/0	0/0	0/0	0/0	0/0	118/34
UT8EU (L)	8,064	87	32	SOULP-10	5.3	0/0	0/0	0/0	0/0	0/0	87/32
UW5IM (L)	5,166	83	21	SOULP-10	5.3	0/0	0/0	0/0	0/0	0/0	83/21
UR4L (UR4LTX, op) (L)	2,772	45	21	SOULP-10	4.6	0/0	0/0	0/0	0/0	0/0	45/21
UW1G (UY5HF, op)	1,938	34	19	SOUHP-10	2.3	0/0	0/0	0/0	0/0	0/0	34/19
Wales											
GW7W (GW4BVJ, op) (L)	92,496	348	94	SOLP	14.7	0/0	4/4	83/23	104/23	137/33	20/11
GW4XMR	297	12	9	SOLP	1.4	0/0	0/0	2/2	0/0	10/7	0/0

GW5L (GW4ZAR, op)	6,360	54	40	SOULP	4.0	0/0	0/0	20/15	0/0	24/15	10/10	
GW9J (L)	7,056	98	24	SOULP-80	4.7	0/0	98/24	0/0	0/0	0/0	0/0	
MW4R (GW4XUM, op)	172,929	1,005	59	SOHP-40	22.1	0/0	0/0	1,005/59	0/0	0/0	0/0	
GW4W (GW4EVX, op)	11,760	98	40	SOUQRP-15	4.3	0/0	0/0	0/0	0/0	98/40	0/0	
GW5P	4,524	59	26	SOUQRP-15	1.8	0/0	0/0	0/0	0/0	59/26	0/0	
GW4J	115,830	725	54	SOHP-10	12.9	0/0	0/0	0/0	0/0	0/0	725/54	
GW4TSG	4,134	54	26	SOLP-10	4.5	0/0	0/0	0/0	0/0	0/0	54/26	
GWØRYT	8,214	76	37	SOUHP-10	2.7	0/0	0/0	0/0	0/0	0/0	76/37	
GWØEGH	1,080	24	15	SOUQRP-10	0.5	0/0	0/0	0/0	0/0	0/0	24/15	
Call	Score	QSOs	Mults	Category	Hours	160	80	40	20	15	10	Operator(s) and/or Host
North America												
Alaska												
NL7M	13,725	75	61	SOUHP	2.3	0/0	5/4	15/14	11/9	18/16	26/18	
KL7P	7,740	88	30	SOLP-15	7.7	0/0	0/0	0/0	0/0	88/30	0/0	
KI6RRN/KL7	64,476	401	54	SOUHP-15	12.1	0/0	0/0	0/0	0/0	401/54	0/0	
Anguilla												
VP2ECV (KG9N, op) (L)	2,405,634	2,833	287	SOULP	24.4	54/22	228/40	410/53	685/59	789/58	667/55	
Belize												
V31MA	13,728	104	44	SOUHP-40	12.2	0/0	0/0	104/44	0/0	0/0	0/0	
V31DJ	289,926	1,652	59	SOHP-10	22.3	0/0	0/0	0/0	0/0	0/0	1,652/59	
Costa Rica												
TI2OY	1,062,531	1,758	207	SOLP	23.4	0/0	0/0	270/45	321/50	456/55	711/57	
TI7W (N3KS, op)	691,200	977	240	SOUHP	6.7	43/22	139/41	120/41	369/55	210/46	96/35	
TI5/VA3RA (VE3IKV, op) (L)	60,144	375	56	SOLP-10	5.7	0/0	0/0	0/0	0/0	0/0	375/56	
Cuba												
CO6EC	14,742	93	54	SOQRP	7.0	0/0	2/2	5/4	26/15	17/13	43/20	
CO2AN	90,312	579	53	SOLP-80	15.2	0/0	579/53	0/0	0/0	0/0	0/0	
CO2JD	110,505	705	53	SOLP-40	12.4	0/0	0/0	705/53	0/0	0/0	0/0	
Dominica												
J75A (W6NV, op)	354,354	2,015	59	SOHP-15	33.7	0/0	0/0	0/0	0/0	2,015/59	0/0	
Dominican Republic												
HI3K	401,940	674	210	SOULP	16.6	47/19	113/35	130/40	38/24	225/50	121/42	
HI6M	52,731	221	93	SOULP	15.5	0/0	0/0	26/17	91/27	59/23	45/26	
HI8PAP (L)	40,326	147	94	SOULP	8.1	0/0	2/2	16/14	29/20	67/35	33/23	
HI3R	63,036	429	51	SOLP-10	7.1	0/0	0/0	0/0	0/0	0/0	429/51	
El Salvador												
YS1/WJ2O	52,890	239	82	SOLP	3.5	0/0	0/0	67/27	142/38	0/0	30/17	
YS1JFE	5,760	53	40	SOULP	8.8	0/0	0/0	12/8	18/15	0/0	23/17	
Grenada												
J35X (L)	193,836	1,119	58	SOLP-10	16.0	0/0	0/0	0/0	0/0	0/0	1,119/58	
Jamaica												
VE4GV/6Y (L)	1,108,809	1,558	243	SOULP	19.8	0/0	157/39	426/53	228/47	603/58	144/46	
6Y/AI5IN	184,440	1,069	58	SOQRP-10	14.5	0/0	0/0	0/0	0/0	0/0	1,069/58	
Martinique												

TO4A (VE3DZ, op)	5,880,114	5,919	333	SOHP	42.3	170/41	529/57	959/58	1,254/59	1,490/59	1,517/59	
FM5FJ	351	13	9	SOULP-10	0.3	0/0	0/0	0/0	0/0	0/0	13/9	
Mexico												
XE1AY	733,764	1,372	188	SOLP	20.5	0/0	0/0	69/30	365/52	528/54	410/52	
XE2I (L)	388,890	762	174	SOLP	10.7	0/0	0/0	88/34	171/47	254/49	249/44	
XE2IF	294,792	717	142	SOLP	10.1	0/0	0/0	19/13	272/44	132/37	294/48	
XE1RE	136,857	370	133	SOLP	4.1	0/0	7/5	14/10	112/38	108/40	129/40	
XE2AU	39,294	237	59	SOLP	9.4	0/0	0/0	0/0	28/16	0/0	209/43	
XE2X	21,672	176	42	SOLP-160	2.8	176/42	0/0	0/0	0/0	0/0	0/0	
XE1CT	63,123	400	53	SOHP-15	3.7	0/0	0/0	0/0	0/0	400/53	0/0	
XE2F (L)	7,560	76	36	SOULP-15	1.2	0/0	0/0	0/0	0/0	76/36	0/0	
XE1KK	13,338	116	39	SOQRP-10	6.7	0/0	0/0	0/0	0/0	0/0	116/39	
Montserrat												
VP2MMT (KW8N, op)	342,495	1,965	59	SOLP-10	25.5	0/0	0/0	0/0	0/0	0/0	1,965/59	
Panama												
HP1TT	37,824	202	64	SOLP	4.9	0/0	0/0	0/0	19/15	177/44	6/5	
HP1XT (K2GO, op)	233,730	502	159	SOUHP	6.9	0/0	0/0	92/34	132/41	138/43	140/41	
HP1IBF	5,400	76	25	SOULP-10	3.9	0/0	0/0	0/0	0/0	0/0	76/25	
Puerto Rico												
WP4YR	2,184	30	26	SOHP	3.4	0/0	0/0	0/0	10/8	8/6	12/12	
WP3C (N2TTA, op)	2,783,046	2,995	322	SOULP	36.4	80/37	290/51	404/57	621/59	675/59	925/59	
KP3W	115,290	306	126	SOULP	8.8	0/0	20/11	56/26	40/21	103/36	87/32	
WP3A	3,528	59	24	SOLP-80	1.2	0/0	59/24	0/0	0/0	0/0	0/0	
WP3R	663	17	13	SOHP-20	1.4	0/0	0/0	0/0	17/13	0/0	0/0	
NP4FW (L)	72	10	8	SOLP-20	1.3	0/0	0/0	0/0	10/8	0/0	0/0	
WP4WW (KP4JRS, op)	164,430	954	58	SOHP-15	7.9	0/0	0/0	0/0	0/0	954/58	0/0	
KP4NZ (WØEAS, op)	150,480	884	57	SOLP-15	10.5	0/0	0/0	0/0	0/0	884/57	0/0	
KP4JFR	15,912	137	39	SOLP-15	4.1	0/0	0/0	0/0	0/0	137/39	0/0	
WP4TZ	135,912	813	56	SOLP-10	9.7	0/0	0/0	0/0	0/0	0/0	813/56	
NP3X (WP3A, op)	83,985	519	55	SOLP-10	4.2	0/0	0/0	0/0	0/0	0/0	519/55	
NP4EI (L)	2,448	37	24	SOLP-10	3.9	0/0	0/0	0/0	0/0	0/0	37/24	
Saint Barthelemy												
FJ/DK6AS (L)	48,384	338	48	SOQRP-10	3.7	0/0	0/0	0/0	0/0	0/0	338/48	
Saint Kitts & Nevis												
V47Y (KØYA, op) (L)	1,576,638	2,102	258	SOLP	25.8	20/12	136/35	389/48	584/56	596/56	377/51	
St. Vincent												
J8AA (L)	135,576	863	56	SOLP-40	21.5	0/0	0/0	863/56	0/0	0/0	0/0	
Turks & Caicos Islands												
VP5/K3STX	2,193	43	17	SOQRP-40	0.9	0/0	0/0	43/17	0/0	0/0	0/0	
United Nations HQ												
4U1UN (HB9HDV, op)	778,710	1,323	202	SOLP	24.1	64/20	109/31	420/50	311/51	419/50	0/0	
US Virgin Islands												
KP2B (NP4Z, op)	3,644,964	4,009	309	SOLP	40.9	71/30	306/53	487/53	950/57	1,065/58	1,130/58	
Call	Score	QSOs	Mults	Category	Hours	160	80	40	20	15	10	Operator(s) and/or Host

Oceania												
Australia												
VJ3A	296,352	687	147	SOHP	14.3	0/0	6/6	163/39	354/46	139/40	25/16	
VK2GR	105,747	354	101	SOHP	5.3	0/0	0/0	0/0	166/34	55/30	133/37	
VK2PN	76,824	296	88	SOHP	4.7	0/0	0/0	0/0	19/11	71/30	206/47	
VK4J	48,960	263	102	SOHP	13.5	0/0	0/0	35/20	30/19	94/29	104/34	
VK2ESE (L)	9,840	83	40	SOLP	7.5	0/0	0/0	30/15	13/8	4/3	36/14	
VK6/G4BUO	4,800	50	32	SOHP	1.2	0/0	0/0	16/12	0/0	32/18	2/2	
VK3YV	4,320	46	32	SOLP	3.0	0/0	0/0	6/5	17/15	14/6	9/6	
VK3GF (L)	16,677	110	51	SOULP	8.4	0/0	0/0	0/0	37/19	19/11	54/21	
VK3X	7,320	61	40	SOUHP	2.3	0/0	0/0	20/15	10/8	20/8	11/9	
VK5GG (L)	2,208	33	23	SOULP	2.8	0/0	0/0	27/18	6/5	0/0	0/0	
VK4DRK	2,070	31	23	SOULP	5.5	0/0	0/0	27/19	4/4	0/0	0/0	
VK3SIM	1,980	33	20	SOULP	2.9	0/0	0/0	4/3	9/7	7/3	13/7	
VL3Q	1,827	30	21	SOULP	4.2	0/0	0/0	24/15	4/4	2/2	0/0	
VK4NOW	825	25	11	SOUQRP	1.5	0/0	0/0	0/0	0/0	0/0	25/11	
VK3GZY	12	2	2	SOULP	0.1	0/0	0/0	2/2	0/0	0/0	0/0	
VK2IG	49,920	326	52	SOLP-40	15.5	0/0	0/0	326/52	0/0	0/0	0/0	
VL2Y (VK2EZF, op) (L)	2,970	46	22	SOLP-40	5.6	0/0	0/0	46/22	0/0	0/0	0/0	
VK2/DG5CW	3	1	1	SOQRP-20	0.1	0/0	0/0	0/0	1/1	0/0	0/0	
VK4M (VK4SN, op)	75,366	480	53	SOUHP-15	9.5	0/0	0/0	0/0	0/0	480/53	0/0	
VK4FJ	120	8	5	SOUHP-15	0.6	0/0	0/0	0/0	0/0	8/5	0/0	
Brunei Darussalam												
V85RH (JO1RUR, op)	582,645	1,105	179	SOHP	27.6	0/0	21/9	181/42	344/50	223/39	336/39	
Hawaii												
WH7T (WH7W, op)	4,084,335	4,247	323	SOHP	42.2	120/35	366/54	758/58	800/57	936/59	1,267/60	
NH7T	3,638,625	3,921	313	SOHP	43.2	86/34	380/51	757/59	683/54	877/57	1,138/58	
KH6TU (AD6E, op)	1,722,840	2,363	245	SOHP	17.4	0/0	72/33	311/47	471/53	635/55	874/57	
AH6II (L)	378	15	9	SOLP	1.6	0/0	0/0	0/0	1/1	2/2	12/6	
WH6R	287,976	596	169	SOUHP	12.6	0/0	0/0	137/41	146/42	135/39	178/47	
AH7RF (L)	52,731	218	81	SOUQRP	13.1	0/0	0/0	9/9	30/16	59/21	120/35	
KH6U	46,740	169	95	SOUHP	8.9	0/0	12/9	54/31	19/13	30/17	54/25	
KH6AQ	166,896	998	57	SOLP-15	18.9	0/0	0/0	0/0	0/0	998/57	0/0	
AH6KO	181,656	1,045	58	SOHP-10	7.2	0/0	0/0	0/0	0/0	0/0	1,045/58	
KH6CJJ	168,948	1,000	57	SOLP-10	12.5	0/0	0/0	0/0	0/0	0/0	1,000/57	
KH7M	226,914	1,305	59	SOUHP-10	13.5	0/0	0/0	0/0	0/0	0/0	1,305/59	
Indonesia												
YB8UTI	62,409	312	71	SOHP	19.1	0/0	0/0	175/32	11/7	78/16	48/16	
YB1CDA (L)	38,982	184	73	SOLP	9.6	0/0	0/0	46/20	62/27	10/5	66/21	
YB8UF	28,182	177	61	SOLP	12.9	0/0	0/0	95/27	0/0	11/7	71/27	
YB1RKT	19,836	123	57	SOLP	9.1	0/0	0/0	8/8	21/14	58/23	36/12	
YB1RET	12,528	91	48	SOHP	9.3	0/0	0/0	14/9	19/14	25/13	33/12	
YE4IJ	8,715	84	35	SOLP	5.4	0/0	0/0	5/2	11/11	34/11	34/11	
YBØANJ (4F3JX, op) (L)	1,953	31	21	SOLP	3.5	0/0	0/0	12/9	3/2	5/4	11/6	
YB7YGR	1,890	30	21	SOLP	3.3	0/0	0/0	15/10	0/0	0/0	15/11	

YB8AO	1,827	33	21	SOLP	4.1	0/0	0/0	6/6	1/1	11/7	15/7	
YF3AWZ (L)	147	7	7	SOLP	0.6	0/0	0/0	4/4	0/0	1/1	2/2	
YF3AQX (L)	27	3	3	SOLP	0.5	0/0	0/0	1/1	0/0	0/0	2/2	
YG3CJU	27	3	3	SOLP	0.3	0/0	0/0	0/0	0/0	2/2	1/1	
YD4FYI	18	3	3	SOLP	0.4	0/0	0/0	2/2	0/0	1/1	0/0	
YF3DZU (L)	3	1	1	SOLP	0.1	0/0	0/0	0/0	0/0	0/0	1/1	
YE1GXQ	112,320	367	104	SOUHP	13.5	0/0	0/0	17/12	67/33	140/33	143/26	
YB2IQ	49,104	206	88	SOUHP	12.1	0/0	0/0	41/19	47/24	55/24	63/21	
YE9BJM	28,764	149	68	SOUHP	12.9	0/0	2/2	27/14	22/15	42/16	56/21	
YB8RW (L)	14,160	123	40	SOULP	11.3	0/0	0/0	59/23	0/0	64/17	0/0	
YBØECT	12,360	104	40	SOUHP	3.5	0/0	0/0	5/5	30/16	4/3	65/16	
YB1HR	8,568	104	28	SOULP	7.2	0/0	0/0	0/0	0/0	23/11	81/17	
YB1UUN	4,140	60	23	SOULP	4.1	0/0	0/0	4/4	0/0	12/7	44/12	
YBØSAS	330	11	11	SOUHP	1.2	0/0	0/0	6/6	0/0	1/1	4/4	
YB1PEF (L)	294	14	7	SOUQRP	1.8	0/0	0/0	11/6	0/0	0/0	3/1	
YB1BML (L)	120	9	5	SOUHP	1.2	0/0	0/0	0/0	0/0	2/2	7/3	
YF3AJJ	12	2	2	SOUHP	0.1	0/0	0/0	0/0	0/0	0/0	2/2	
YC3GEM (L)	756	21	12	SOLP-40	2.4	0/0	0/0	21/12	0/0	0/0	0/0	
YCØNVU	252	12	7	SOLP-40	1.1	0/0	0/0	12/7	0/0	0/0	0/0	
YB2CTE (L)	3	1	1	SOQRP-40	0.1	0/0	0/0	1/1	0/0	0/0	0/0	
YC9FAR	3,975	55	25	SOLP-15	2.7	0/0	0/0	0/0	0/0	55/25	0/0	
YBØRNC	216	12	6	SOLP-10	1.5	0/0	0/0	0/0	0/0	0/0	12/6	
YB1TJ	1,188	35	12	SOUHP-10	2.5	0/0	0/0	0/0	0/0	0/0	35/12	
YB1RYX	60	5	4	SOULP-10	0.3	0/0	0/0	0/0	0/0	0/0	5/4	
YB2NDX (L)	6	3	1	SOUQRP-10	0.6	0/0	0/0	0/0	0/0	0/0	3/1	
New Zealand												
ZL3CW	1,966,821	2,568	257	SOHP	36.9	0/0	93/35	617/56	647/54	426/55	785/57	
ZM4T (ZL3IO, op)	1,493,280	2,076	244	SOUHP	25.8	0/0	54/31	529/54	417/52	292/50	784/57	
ZL1T (ZL1ANH, op)	5,217	52	37	SOULP	2.6	0/0	0/0	6/6	18/12	10/8	18/11	
ZL2RX	432	12	12	SOULP	0.8	0/0	0/0	8/8	1/1	0/0	3/3	
ZL2AGY (L)	49,764	326	52	SOHP-10	8.6	0/0	0/0	0/0	0/0	0/0	326/52	
ZL1BBW	84,564	527	54	SOUHP-10	8.0	0/0	0/0	0/0	0/0	0/0	527/54	
ZM4G (ZL2IFB, op)	25,785	195	45	SOULP-10	9.3	0/0	0/0	0/0	0/0	0/0	195/45	
Philippines												
DU1WBX	11,664	110	36	SOLP	6.3	0/0	0/0	12/8	0/0	9/4	89/24	
DU3T	329,430	709	158	SOUHP	14.3	0/0	0/0	105/26	122/43	249/46	233/43	
DU2W	18,864	132	48	SOUHP	4.9	0/0	0/0	26/12	5/3	38/14	63/19	
4E1FKB	741	20	13	SOULP	1.5	0/0	0/0	7/5	0/0	0/0	13/8	
DU1EV	1,833	47	13	SOHP-40	1.4	0/0	0/0	47/13	0/0	0/0	0/0	
DU3LA	26,085	240	37	SOLP-10	4.8	0/0	0/0	0/0	0/0	0/0	240/37	
4F3OM	8,001	129	21	SOQRP-10	7.0	0/0	0/0	0/0	0/0	0/0	129/21	
DU6/N6SS	3,834	71	18	SOUHP-10	4.7	0/0	0/0	0/0	0/0	0/0	71/18	
Call	Score	QSOs	Mults	Category	Hours	160	80	40	20	15	10	Operator(s) and/or Host
South America												

Argentina											
LU8QT	535,908	1,236	148	SOHP	22.0	0/0	0/0	0/0	155/42	321/49	760/57
LQ3D	307,584	736	144	SOLP	7.9	0/0	0/0	1/1	105/39	267/49	363/55
LU7U	113,190	501	77	SOLP	9.7	0/0	0/0	0/0	48/22	0/0	453/55
LU9HMB (L)	38,025	215	65	SOLP	7.9	0/0	0/0	0/0	34/21	0/0	181/44
LU9GBR (L)	24,231	199	41	SOLP	5.8	0/0	0/0	0/0	0/0	1/1	198/40
LS5H (LW5HR, op)	805,353	1,363	199	SOUHP	19.3	0/0	0/0	87/34	493/56	400/52	383/57
LU3WC	551,103	1,146	163	SOUHP	13.7	0/0	0/0	15/10	251/46	406/53	474/54
LW3DC	545,790	1,154	161	SOULP	18.6	0/0	0/0	1/1	354/54	323/52	476/54
LU1AEE	203,904	546	128	SOULP	14.9	0/0	0/0	0/0	98/40	123/37	325/51
LU7HF	75,558	563	49	SOULP	13.0	0/0	0/0	0/0	0/0	0/0	563/49
LU5EA	3,741	45	29	SOUHP	2.1	0/0	0/0	0/0	0/0	8/7	37/22
LW1DTZ	1,020	20	20	SOULP	2.9	0/0	0/0	0/0	6/6	7/7	7/7
LU6ETB	192	8	8	SOULP	0.5	0/0	0/0	0/0	2/2	0/0	6/6
LT5A (VE3AP, op) (L)	756	19	14	SOHP-40	3.3	0/0	0/0	19/14	0/0	0/0	0/0
LT5V (LU8VCC, op) (L)	1,512	28	21	SOUHP-40	1.4	0/0	0/0	28/21	0/0	0/0	0/0
LT4E (LU5DF, op) (L)	17,892	151	42	SOUHP-20	2.7	0/0	0/0	0/0	151/42	0/0	0/0
LW1EUD (L)	9,990	98	37	SOHP-15	1.0	0/0	0/0	0/0	0/0	98/37	0/0
LU7HN	143,028	841	58	SOHP-10	9.5	0/0	0/0	0/0	0/0	0/0	841/58
LU1AW/D	55,998	376	51	SOHP-10	6.9	0/0	0/0	0/0	0/0	0/0	376/51
AZ6H (LU3HIP, op)	49,419	329	51	SOLP-10	7.9	0/0	0/0	0/0	0/0	0/0	329/51
LW2DHD	37,647	279	47	SOLP-10	6.1	0/0	0/0	0/0	0/0	0/0	279/47
LW9EKA	35,550	243	50	SOQRP-10	14.2	0/0	0/0	0/0	0/0	0/0	243/50
LW2DX	31,464	231	46	SOLP-10	7.6	0/0	0/0	0/0	0/0	0/0	231/46
LU4HK	21,672	174	43	SOLP-10	2.6	0/0	0/0	0/0	0/0	0/0	174/43
LT3E (LW8DQ, op)	296,640	1,661	60	SOUHP-10	27.5	0/0	0/0	0/0	0/0	0/0	1,661/60
LT7D	79,704	496	54	SOUQRP-10	12.2	0/0	0/0	0/0	0/0	0/0	496/54
LU8VCC (L)	10,692	100	36	SOUHP-10	2.5	0/0	0/0	0/0	0/0	0/0	100/36
Aruba											
P4/KE4TT (L)	1,428	32	17	SOQRP	4.2	0/0	0/0	0/0	0/0	2/2	30/15
P44W (W2GD, op)	1,957,950	2,309	285	SOUQRP	23.7	13/12	149/42	459/55	553/58	618/59	517/59
Brazil											
PY2NY	1,249,992	1,954	216	SOLP	25.8	0/0	0/0	253/50	470/52	479/57	752/57
PP8ZAC (L)	229,905	598	131	SOLP	12.9	0/0	0/0	5/4	63/31	127/42	403/54
PY2PLL	50,796	205	83	SOQRP	13.1	0/0	0/0	0/0	8/8	88/38	109/37
PP5RB	29,904	185	56	SOLP	9.1	0/0	0/0	0/0	0/0	22/17	163/39
PY7XC	28,350	155	63	SOHP	2.1	0/0	0/0	0/0	0/0	78/35	77/28
PY4ARS	23,424	127	64	SOLP	7.5	0/0	0/0	16/11	6/6	14/12	91/35
PP5TG	17,490	107	55	SOLP	8.0	0/0	0/0	0/0	2/2	48/28	57/25
PV8DX	16,530	97	58	SOHP	1.0	0/0	0/0	0/0	37/20	39/22	21/16
PY2AXH (L)	4,371	53	31	SOLP	1.6	0/0	0/0	0/0	0/0	0/0	53/31
PP1OY (L)	720	16	16	SOLP	1.5	0/0	0/0	1/1	4/4	5/5	6/6
PY2YJ	390	13	10	SOLP	2.0	0/0	0/0	0/0	0/0	3/3	10/7
PY2TI	147	7	7	SOLP	0.7	0/0	0/0	0/0	0/0	2/2	5/5
PR7KSA	3	1	1	SOLP	0.1	0/0	0/0	0/0	0/0	0/0	1/1

PY2WH	1,115,979	1,830	211	SOULP	27.4	0/0	0/0	185/44	444/54	449/55	752/58
PY2SNX	1,017,756	1,686	204	SOULP	26.2	0/0	0/0	74/36	388/54	510/56	714/58
PY5AMF	732,096	1,325	186	SOULP	18.3	0/0	0/0	48/28	365/49	522/55	390/54
PY2KJ	547,080	972	188	SOUHP	20.0	0/0	0/0	42/29	225/49	417/56	288/54
PT2AP	374,496	785	166	SOUHP	26.1	0/0	0/0	85/29	111/39	236/45	353/53
PY2IB (L)	339,888	803	146	SOULP	13.2	0/0	0/0	3/3	211/45	223/49	366/49
PY1XW	158,202	523	102	SOULP	16.7	0/0	0/0	0/0	184/46	4/4	335/52
PT2AW	114,570	339	114	SOULP	7.7	0/0	0/0	0/0	138/40	102/39	99/35
PY1WK	49,464	239	72	SOULP	9.8	0/0	0/0	3/3	0/0	46/25	190/44
PP2RON (L)	27,750	129	74	SOULP	2.7	0/0	0/0	13/10	53/31	28/16	35/17
PV91L (PY7XC, op)	27,537	143	67	SOUHP	2.2	0/0	0/0	43/24	6/6	6/6	88/31
PU1JSV	27,264	128	71	SOULP	6.2	0/0	0/0	0/0	0/0	57/35	71/36
PV2E (L)	19,032	129	52	SOULP	1.8	0/0	0/0	0/0	3/3	16/13	110/36
PY2FSG	16,464	100	56	SOUHP	2.0	0/0	0/0	9/9	0/0	43/23	48/24
PY2FCL (L)	12,825	79	57	SOUHP	6.4	0/0	0/0	10/10	11/9	36/23	22/15
PY5IQ (L)	8,820	86	49	SOULP	3.5	0/0	0/0	0/0	31/20	6/6	49/23
PY4DK (L)	5,508	54	36	SOULP	4.0	0/0	0/0	3/2	4/4	17/14	30/16
PU2TES (L)	4,515	46	35	SOULP	4.8	0/0	0/0	0/0	0/0	20/15	26/20
PY2MIA	2,025	28	25	SOULP	2.4	0/0	0/0	0/0	1/1	10/10	17/14
PT2AZ (L)	1,584	32	24	SOUHP	3.8	0/0	0/0	0/0	4/4	10/8	18/12
ZV2F (PY2SFA, op) (L)	1,518	25	22	SOULP	2.5	0/0	0/0	0/0	7/6	9/9	9/7
PY1DI	585	22	15	SOULP	3.4	0/0	0/0	0/0	1/1	1/1	20/13
PR1T	1,326	30	17	SOUHP-160	0.7	30/17	0/0	0/0	0/0	0/0	0/0
PY1ZV	8,064	107	28	SOUHP-80	3.5	0/0	107/28	0/0	0/0	0/0	0/0
PS7MA (L)	7,254	86	31	SOULP-40	10.0	0/0	0/0	86/31	0/0	0/0	0/0
PY2GTA	585	17	13	SOULP-40	0.8	0/0	0/0	17/13	0/0	0/0	0/0
PY1KV	6	2	2	SOULP-40	0.4	0/0	0/0	2/2	0/0	0/0	0/0
ZZ7ZZ (PR7AR, op) (L)	11,400	118	38	SOLP-20	3.4	0/0	0/0	0/0	118/38	0/0	0/0
PY3LX	60	6	4	SOHP-20	0.8	0/0	0/0	0/0	6/4	0/0	0/0
PY4LH	24,030	190	45	SOUHP-20	2.9	0/0	0/0	0/0	190/45	0/0	0/0
PY2OP	45,216	325	48	SOLP-15	4.5	0/0	0/0	0/0	0/0	325/48	0/0
PY2WMW	33,840	238	48	SOLP-15	5.4	0/0	0/0	0/0	0/0	238/48	0/0
PY2QT	4,032	49	28	SOLP-15	1.3	0/0	0/0	0/0	0/0	49/28	0/0
PY1KB (L)	960	21	16	SOLP-15	2.0	0/0	0/0	0/0	0/0	21/16	0/0
ZW8T (PS8HF, op)	96,690	630	55	SOULP-15	12.0	0/0	0/0	0/0	0/0	630/55	0/0
PY8WW	53,760	349	56	SOULP-15	16.2	0/0	0/0	0/0	0/0	349/56	0/0
PP5RT	39,468	271	52	SOULP-15	6.8	0/0	0/0	0/0	0/0	271/52	0/0
PW2E (PY2ZEA, op)	316,620	1,766	60	SOHP-10	27.6	0/0	0/0	0/0	0/0	0/0	1,766/60
PY2EX	169,998	991	58	SOLP-10	13.9	0/0	0/0	0/0	0/0	0/0	991/58
PY3TD	73,788	478	52	SOHP-10	13.7	0/0	0/0	0/0	0/0	0/0	478/52
PY2XL	48,807	321	51	SOLP-10	9.2	0/0	0/0	0/0	0/0	0/0	321/51
PY2POA (Y)	43,758	294	51	SOLP-10	5.7	0/0	0/0	0/0	0/0	0/0	294/51
PY1MK	43,212	281	52	SOLP-10	7.7	0/0	0/0	0/0	0/0	0/0	281/52
PY1KO	34,560	251	48	SOLP-10	10.3	0/0	0/0	0/0	0/0	0/0	251/48
PY2EL	23,460	190	46	SOLP-10	3.6	0/0	0/0	0/0	0/0	0/0	190/46

PP5KP (L)	21,801	182	43	SOLP-10	6.7	0/0	0/0	0/0	0/0	0/0	182/43
PQ8RS	13,335	132	35	SOQRP-10	5.5	0/0	0/0	0/0	0/0	0/0	132/35
PY1NSC (L)	6,912	94	32	SOLP-10	6.4	0/0	0/0	0/0	0/0	0/0	94/32
PU2OHP	5,880	71	28	SOLP-10	0.6	0/0	0/0	0/0	0/0	0/0	71/28
PY2BN (L)	2,079	41	21	SOQRP-10	6.1	0/0	0/0	0/0	0/0	0/0	41/21
PY1OX (L)	2,016	41	21	SOLP-10	3.1	0/0	0/0	0/0	0/0	0/0	41/21
PY1LAS	1,104	25	16	SOLP-10	1.7	0/0	0/0	0/0	0/0	0/0	25/16
PY3LAR	468	14	12	SOLP-10	0.7	0/0	0/0	0/0	0/0	0/0	14/12
PY2RX	187,758	1,133	57	SOUHP-10	18.8	0/0	0/0	0/0	0/0	0/0	1,133/57
ZW2B (PY2XC, op)	158,061	912	59	SOUHP-10	11.1	0/0	0/0	0/0	0/0	0/0	912/59
PY4XX	101,244	582	59	SOULP-10	13.5	0/0	0/0	0/0	0/0	0/0	582/59
ZX9X (PT9DX, op)	55,566	353	54	SOULP-10	8.2	0/0	0/0	0/0	0/0	0/0	353/54
PU2UAF	47,400	345	50	SOULP-10	13.9	0/0	0/0	0/0	0/0	0/0	345/50
PY2TEN (L)	45,936	330	48	SOULP-10	15.9	0/0	0/0	0/0	0/0	0/0	330/48
PY1SAD	12,000	106	40	SOULP-10	3.7	0/0	0/0	0/0	0/0	0/0	106/40
PY2HA (L)	9,990	91	37	SOULP-10	9.0	0/0	0/0	0/0	0/0	0/0	91/37
PY5IN	6,720	70	32	SOULP-10	2.3	0/0	0/0	0/0	0/0	0/0	70/32
PY2MZ	4,140	50	30	SOULP-10	1.6	0/0	0/0	0/0	0/0	0/0	50/30
PY3TX	4,116	49	28	SOULP-10	1.5	0/0	0/0	0/0	0/0	0/0	49/28
PU5ALE	585	19	13	SOUQRP-10	2.7	0/0	0/0	0/0	0/0	0/0	19/13
PY3TR	189	9	7	SOUHP-10	0.8	0/0	0/0	0/0	0/0	0/0	9/7
PT2RP	45	6	3	SOULP-10	1.3	0/0	0/0	0/0	0/0	0/0	6/3
PY4NF (L)	27	3	3	SOULP-10	0.1	0/0	0/0	0/0	0/0	0/0	3/3
Chile											
3G2AID (XQ3SK, op) (L)	1,321,650	2,248	198	SOHP	38.4	0/0	0/0	84/33	576/52	603/56	985/57
CA4OMQ	94,017	424	77	SOULP	14.1	0/0	0/0	54/27	0/0	0/0	370/50
XQ1KZ	147,552	866	58	SOUHP-15	12.3	0/0	0/0	0/0	0/0	866/58	0/0
Colombia											
5K4X	2,030,316	2,440	284	SOULP	32.1	20/18	186/42	329/50	610/58	686/58	609/58
HK1A	112,056	672	58	SOLP-10	16.3	0/0	0/0	0/0	0/0	0/0	672/58
Ecuador											
HC2GRC	149,688	896	56	SOLP-10	5.9	0/0	0/0	0/0	0/0	0/0	896/56
French Guiana											
FY5KE (F6FVY, op)	305,679	1,734	59	SOULP-15	32.1	0/0	0/0	0/0	0/0	1,734/59	0/0
Paraguay											
ZP6/N3BNA	1,742,076	2,659	223	SOUHP	33.9	0/0	0/0	261/49	605/57	924/59	869/58
Peru											
OA4SS	340,197	799	143	SOLP	21.2	0/0	0/0	0/0	220/47	297/48	282/48
OA4ASD	5,394	64	29	SOULP-40	2.2	0/0	0/0	64/29	0/0	0/0	0/0
Trinidad & Tobago											
9Z4Y	195,924	1,158	58	SOULP-10	17.9	0/0	0/0	0/0	0/0	0/0	1,158/58
Uruguay											
CX9AU	222,075	536	141	SOLP	9.8	0/0	2/2	21/16	181/42	177/39	155/42
CX2BR	135,372	794	58	SOUHP-10	8.1	0/0	0/0	0/0	0/0	0/0	794/58
Venezuela											

YV5KG (L)	263,670	618	170	SOQRP	21.8	0/0	61/23	112/30	209/47	128/35	108/35	
YW6CQ (YV6BXN, op)	92,628	260	124	SOQRP	8.1	0/0	33/20	59/31	105/36	52/27	11/10	
YV5COR	29,346	145	73	SOULP	4.9	0/0	0/0	40/19	60/25	32/19	13/10	
YV4ABR (L)	58,065	403	49	SOLP-40	8.2	0/0	0/0	403/49	0/0	0/0	0/0	
YV5IAL	4,959	63	29	SOLP-20	5.6	0/0	0/0	0/0	63/29	0/0	0/0	
YV1JGT	19,836	178	38	SOLP-10	6.5	0/0	0/0	0/0	0/0	0/0	178/38	

Results are grouped by U.S. call district, then by ARRL section, followed by Canada and RAC Section.

Within each group, results are sorted by operating category, then by score in descending order.

Each result includes Final Score, QSOs, Multipliers, Category, and QSO data for each band.

Operating Category:

M2 = Multioperator, Two Transmitter

MM = Multioperator, Multitransmitter

MSHP = Multioperator, Single Transmitter, High Power

MSLP = Multioperator, Single Transmitter, Low Power

Call	Score	QSOs	Mults	Category	Hours	160	80	40	20	15	10	Operator(s) and/or Host
Africa												
Canary Islands												
ED8X	6,354,810	6,480	330	M2	44.3	134/39	444/53	1,220/59	1,468/60	1,628/59	1,586/60	(Ops: OM2KI, OM5RW, OM5ZW)
Madeira Islands												
CR3W	6,077,568	6,320	323	M2	47.3	79/33	459/53	1,233/59	1,404/60	1,514/59	1,631/59	(Ops: DJ2YA, DK7YY, DL5AXX, DL5CW, DL5LYM, DL5RMH)
Call	Score	QSOs	Mults	Category	Hours	160	80	40	20	15	10	Operator(s) and/or Host
Asia												
Asiatic Russia												
RD8D	46,872	190	84	MSLP	13.7	0/0	1/1	14/10	83/31	57/28	35/14	(Ops: RX9CAZ, UA9QCQ)
RZ9L	27,216	149	63	MSHP	5.2	0/0	0/0	2/2	79/32	60/22	8/7	(Ops: R8LA, R8LAM)
UAØD	39,000	203	65	M2	8.3	0/0	2/1	90/27	61/20	28/9	22/8	(Ops: UAØDBX, UAØDM, UAØDX)
China												
BY1CY	57,057	219	91	MM	8.7	0/0	0/0	23/13	42/27	76/25	78/26	(Ops: BD1KV, BI1UAE, BI1UAF, BI1UAG, BI1UAH, BI1UAI, BI1UAJ, BI1UAK, BI1UFC)
BG4OXQ	23,712	170	52	MM	10.1	0/0	0/0	3/2	13/10	98/27	56/13	(Ops: BA4II, BG4MJO, BG4OXQ, BI4JUB, BI4KWQ, BI4LEH, BY4DX)
Japan												
JH4UYB	1,295,805	1,783	245	MSHP	30.8	24/10	92/29	442/51	393/50	403/57	429/48	(Ops: JA1FXR, JH4UYB)
JE2YRB	616,800	1,051	200	MSHP	33.3	5/3	57/17	206/40	238/52	239/44	306/44	(Ops: JE2VYM, JR2SCJ)
8J1FC/1	180,072	497	123	MSLP	20.0	0/0	2/1	45/16	111/29	180/43	159/34	(Ops: JI1DGW, JI1RXC, JK1DRV)
JG6LYL	67,770	256	90	MSHP	15.9	0/0	13/6	60/18	46/24	80/26	57/16	(Ops: JA1IST, JA6BXA, JA6WFM, JF6DEA)
JA4YPE	9,450	81	42	MSLP	7.3	0/0	3/2	17/10	5/3	23/14	33/13	(Ops: JH3BJN, JM1QPR)
JH8YOH	1,324,323	1,957	231	M2	38.6	6/5	72/17	442/49	336/53	629/56	472/51	(Ops: JE8KKX, JG4IQC, JR8LRQ, JR8VSE)
JJ2YDV	14,256	117	44	M2	5.6	0/0	0/0	10/5	11/7	59/19	37/13	(Ops: JF2RCX, JG2KGS, JI2QIX, JS2PHO)

JA3YBK	2,554,740	3,213	270	MM	46.6	39/11	147/33	529/54	837/59	893/58	768/55	(Ops: JF4FUF, JG3KIV, JG3MRT, JG3WDN, JH3PRR, JH4NMT, JI3OPA, JR4ISF)
8N7YUA	88,440	346	88	MM	14.4	0/0	12/4	122/26	11/7	60/16	141/35	(Ops: IMAI1, JHØNZN, JS2RMF)
West Malaysia												
9M2J	5,304	74	26	MM	7.0	0/0	0/0	8/5	2/2	22/10	42/9	(Ops: 9M2DOC, 9M2MAD, 9M2RSI, 9M2SPN, 9M2WAZ, 9M8HAZ, 9W8ZZK)
Call	Score	QSOs	Mults	Category	Hours	160	80	40	20	15	10	Operator(s) and/or Host
Europe												
Belgium												
OT6M	433,797	644	227	MSHP	15.0	1/1	50/26	216/46	153/48	91/54	133/52	(Ops: ON9CC, PC5A)
Bosnia-Herzegovina												
E7Y	98,490	348	98	MSLP	4.6	0/0	0/0	0/0	92/24	148/42	108/32	(Ops: E7ØX, E76Y)
E71EYC	2,829	43	23	M2	3.6	0/0	0/0	0/0	0/0	29/17	14/6	(Ops: E74D, E74J, E77AB)
Bulgaria												
LZ9W	3,418,152	3,973	292	M2	39.8	49/17	408/47	1,017/58	803/58	997/56	699/56	(Ops: IZ2GRG, LZ1PM, LZ1VS, LZ1ZD, LZ2HQ, LZ5DI)
Croatia												
9A1A	5,021,379	5,286	319	MM	45.0	251/39	576/48	1,198/57	1,017/58	1,182/59	1,062/58	(Ops: 9A2EU, 9A3SMS, 9A5W, 9A6A, 9A7DR, 9A7R, 9A8A, 9A9A)
Czech Republic												
OK7O	2,428,524	2,965	276	MSHP	41.9	22/19	184/41	876/53	477/51	664/57	742/55	(Ops: OK1DOL, OK1FIK, OK3RM, OK4RQ)
OK5Z	2,358,945	2,803	285	MSHP	46.1	26/21	226/43	889/55	478/52	580/56	604/58	(Ops: OK2AF, OK2EW, OK2ZA, OK2ZC, OK2ZI, OK2ZT, OK2ZV)
OL1C	523,152	1,021	173	MSHP	19.5	5/4	154/29	281/44	183/40	398/56	0/0	(Ops: OK1DOY, OK1FPQ, OK1TDX)
OK1KKI	111,996	310	122	MSLP	6.8	0/0	0/0	17/12	110/35	142/48	41/27	(Ops: OK1TRJ, OK7PY)
OL3Z	3,362,166	3,773	302	M2	43.5	99/26	392/46	919/57	679/56	948/60	736/57	(Ops: OK1DQT, OK1FPS, OK1HMP)
OL3A	2,197,512	2,700	276	M2	36.6	45/18	349/43	507/52	420/51	839/59	540/53	(Ops: OK1CRM, OK1DX, OK1IBP, OK1IC, OK1MR, OK6DJ)
Denmark												
OZ5W	2,817,180	3,417	282	MM	45.6	66/20	305/36	845/57	757/58	769/55	675/56	(Ops: DK4SR, OZ1AXG, OZ1ETA, OZ2U, OZ5BD, OZ7AM, SM5SIC, SN2S, UR3CMA, UTØNT)
European Russia												
RZ2B	55,188	226	84	MSHP	9.3	0/0	0/0	80/29	40/16	103/36	3/3	(Ops: RZ2B, UA5D)
RU1A	2,969,220	3,557	284	M2	38.5	15/10	177/38	798/59	700/59	1,007/59	860/59	(Ops: RA2FA, RN1A, RV1AW, RW1A)
RC3W	94,185	284	115	M2	5.4	0/0	0/0	28/18	67/23	106/40	83/34	(Ops: RA3WUQ, RA5W)
Federal Republic of Germany												
DD1A	1,534,464	2,017	256	MSHP	44.1	12/11	143/32	590/52	364/49	504/56	404/56	(Ops: DL1II, DL2MDU, DL3DW, DL3GA, HB9BJL, HB9BUN, HB9CVQ, HB9DXB)
DM7X	602,154	1,079	189	MSHP	22.9	0/0	29/15	230/38	235/41	314/51	271/44	(Ops: DL1PAN, DL2NBW, DL4JLM, DL5MHX)
DR4S	170,226	392	147	MSHP	5.8	0/0	0/0	36/17	134/36	123/50	99/44	(Ops: DJ2QV, DK9TN)
DD2D	3,216,672	3,701	292	M2	40.1	33/18	409/44	920/57	609/56	978/59	752/58	(Ops: DK8ZB, DL7FER)
Finland												
OH5Z	1,086,834	1,669	226	MSHP	36.5	0/0	10/9	440/55	455/56	614/58	150/48	(Ops: OH4XX, OH5CZ, OH6XX, OH7CW, OH7WV)
France												

F8KCF	962,214	1,352	239	MSHP	28.4	8/8	65/29	204/46	390/48	318/54	367/54	(Ops: F6BGC, F6IFY, HB9AMO)
F6KRK	263,304	562	159	MSHP	6.5	0/0	20/12	25/21	74/37	330/45	113/44	(Ops: F4AFQ, F8CRH)
F6KOP	2,838,366	3,539	274	MM	43.2	47/18	337/41	932/52	557/53	895/55	771/55	(Ops: F5NGA, F5PBM, F6DZS, F8DGY, F8EFU, F8GGV, F8GNV)
Hungary												
HG6N	2,330,874	2,867	273	MSHP	41.6	24/17	228/40	818/53	478/53	687/56	632/54	(Ops: HA6ND, HA6NY, HA6ON, HA8TA, YO6BHN)
HG5C	1,148,979	1,781	221	MSHP	34.2	0/0	132/26	595/51	295/43	383/52	376/49	(Ops: HA3FLT, HA5BMS, HA5MA, HA5OV)
HA3DX	1,441,308	2,018	244	M2	37.7	22/12	182/31	486/51	402/46	539/55	387/49	(Ops: HA2VH, HA4FB, HA4FF, HA4XH, HA5IW, HA5VJ)
Italy												
IO4X	3,654,384	4,038	304	MSHP	44.1	93/27	312/45	1,011/58	762/57	890/58	970/59	(Ops: I4VEQ, IK4DCT, IK4UPB, IK4VET, IK4ZGO, IT9RGY)
IP2A	2,793,462	3,255	293	MSHP	46.7	66/25	310/44	812/57	633/52	594/57	840/58	(Ops: IK2QEI, IU2IBU, IV3ZXQ, IZ2FDU, IZ2FOS, IZ2KXC)
IO5O	2,492,280	3,051	276	MSHP	45.5	101/28	158/32	826/55	694/53	636/55	636/53	(Ops: IØUZF, IKØEFR, IK5MEL, IK5ROS, IUØLJD, IUØPVM)
IQ2MI	530,208	1,064	168	MSHP	24.9	0/0	0/0	31/21	410/48	322/52	301/47	(Ops: IK2GWH, IK2YRF, IZ2BMM)
IQ2ZY	139,908	361	131	MSHP	21.5	0/0	8/8	94/25	71/23	98/40	90/35	(Ops: IK2OWX, IK2PTR)
Latvia												
YL73R	265,020	636	140	MSLP	19.4	0/0	0/0	19/10	152/37	225/50	240/43	(Ops: YL1ZF, YL2CI)
Netherlands												
PI4HAL	192	9	8	MSLP	0.5	0/0	0/0	1/1	1/1	7/6	0/0	(Ops: PA3BUD, PG3R)
PI4DX	1,149,918	1,492	266	M2	28.0	48/18	127/34	139/46	234/52	383/58	561/58	(Ops: PA3EVY, PD1DX)
Norway												
LN8W	2,659,149	3,232	279	M2	44.2	23/15	190/33	760/58	671/58	924/58	664/57	(Ops: LAØFA, LA3BO, LA7MFA, LA9GX)
Poland												
SP8R	2,109,450	2,487	287	MSHP	45.6	48/20	285/43	749/57	463/54	557/57	385/56	(Ops: SP8BRQ, SP8FHK, SP8GQU, SP9LAS, SP9LJD)
3Z1K	235,290	516	155	MSLP	12.4	0/0	16/11	25/18	101/33	196/47	178/46	(Ops: SP1IVL, SP3LPR)
SP3YOR	33,264	164	72	MSLP	5.2	0/0	0/0	0/0	71/23	65/29	28/20	(Ops: SP3SGS, SP3VZY, SQ3SWF)
SN9A	23,364	135	59	MSLP	11.1	0/0	0/0	0/0	27/12	31/18	77/29	(Ops: SP9MRR, SP9PBH)
SP9PBB	270	10	9	MSLP	0.6	0/0	0/0	0/0	0/0	8/7	2/2	(Ops: SQ9IAU, SQ9Z)
SN2B	2,536,506	3,009	287	M2	43.4	33/17	312/41	720/57	515/57	756/57	673/58	(Ops: SP2FAX, SP2MKI, SP2MKT, SP2QG, SQ1K)
Romania												
YP8T	1,517,328	2,083	246	MSHP	42.5	5/5	117/30	733/54	375/51	520/56	333/50	(Ops: W9GZU, YO8TTT)
YR8D	1,418,844	1,872	254	MSHP	39.1	25/14	295/42	470/48	303/47	504/54	275/49	(Ops: YO3XX, YO9WF)
YO4KAK	1,170	26	15	MSLP	3.2	0/0	0/0	0/0	1/1	22/11	3/3	(Ops: YO4AH, YO4BYW)
Serbia												
YU5A	1,492,500	2,043	250	M2	38.8	2/2	164/34	609/55	393/46	448/58	427/55	(Ops: YT1CI, YT2SS, YU1EW)
Slovenia												
S59T	1,080	27	15	MSHP	0.7	0/0	0/0	0/0	0/0	0/0	27/15	(Ops: S53KX, S59T)
S53M	3,232,719	3,779	291	M2	43.6	56/21	443/46	1,014/54	697/55	872/58	697/57	(Ops: S51FB, S52ZW, S53O, S57UN, S59A)
Spain												
EA5RS	3,768,885	4,162	305	MSHP	44.6	74/28	270/47	889/55	907/58	1,002/58	1,020/59	(Ops: EA5BWR, EA5BY, EA5FID, EA5JPR, EA5RS, EA5U, UW1WA)
ED7W	4,681,773	4,988	317	M2	45.6	63/31	442/53	994/58	1,011/58	1,224/59	1,254/58	(Ops: EA5KA, EA7X, EB7A, EC7WR)

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Aruba												
P4ØL	5,213,034	5,371	327	MSLP	48.0	125/38	441/53	1,057/58	1,049/60	1,281/59	1,418/59	(Ops: WØYK, W6LD, WE9V)
Bonaire												
PJ4A	5,352,480	5,405	336	MSHP	48.0	182/43	502/57	945/59	969/59	1,099/59	1,708/59	(Ops: K2NG, N4RR, N8VW)
Brazil												
PY7ZC	1,477,728	2,252	224	MSHP	35.1	0/0	3/3	472/53	763/59	580/56	434/53	(Ops: PR7DX, PY7RP, PY7XC, PY7ZC)
ZZ5V	11,232	102	39	MSLP	2.6	0/0	0/0	0/0	0/0	2/2	100/37	(Ops: PP5BAR, PP5BT, PP5DF, PP5LEO, PP5OM, PP5RG, PU5COP, PU5DUL, PU5ECJ)
PY1AA	38,778	298	46	MM	8.0	0/0	0/0	0/0	298/46	0/0	0/0	(Ops: PU1JGA, PU1KBO, PU2TWZ, PY1AX, PY1PP)
Chile												
CE3CT	1,934,025	2,747	241	MSHP	43.9	0/0	16/13	628/55	405/56	747/58	951/59	(Ops: CE2DX, CE3CT, CE3SPR, LW6DG, N5NU)
Curacao												
PJ2T	8,116,482	8,064	341	MM	48.0	380/48	797/57	1,377/59	1,831/59	1,835/59	1,844/59	(Ops: AD4ES, K7TQ, K8ND, N7NR, N7WA, NF9V, VE3CX, WØCG, W2APF, W4SO, WI9WI)
Galapagos Islands												
HC8M	5,958,120	6,172	328	M2	48.0	81/36	584/58	985/58	1,166/58	1,576/59	1,780/59	(Ops: HC8M, LU5DX, LU8EOT)
Checklogs: 2EØLMI, 4X1VF, 4Z4AK, BG4UVR, DG2FDD, DJ4CW, DK8SR, DL3KVR, DL5CL, DL5KUD, DL7AU, E74O, EA1ND, EA4OR, EC7AKV, EF5T, EI7GY, F5NZY, GJ3YHU, HA1XY, HA3FMR, HA8WZ, IK4OMU, ISØLYN, IU4BNS, IU8MOA, IV3IPS, JH1WOY, JJØMPK, LA9OI, LU2DGZ, LY2A, LY2BNL, LY4L, LY5O, LZ1KZ, LZ1ND, LZ1UK, LZ1YF, LZ7K, M1T, OE1BAA, OH4A, OK1AYU, OK1DMP, OK1FMX, OK2NMA, OK2PAY, OK2SG, OK2VX, OK4RQ, PA3I, PY2FRQ, PY4HO, PY7OJ, R2RA, R3XCJ, R4BZ, R6KX, R7TW, RCØAT, RD6AY, RM1F, RT3C, S5ØO, S55VM, SM3CZS, SP2LNW, SP7P, SP9IHP, SQ8L, SV1DPI, SV3RF, UA3AGW, UA6JQ, UA6LCJ, UA6YH, UR5SCK, UR7EZ, UR7MZ, V26OC, YB4ECU, YL2TD, YL3PO, YO4NA, YO4RDW, YO5AXF, YO9CB.												