

2026 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

(L) = Limited Antennas

(Y) = Youth

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

SOUQRP-80 = Single Operator Unlimited, QRP, 80 Meters

Call	Score	QSOs	Mults	Category	Hours	160	80	40	20	15	10	Operator(s) and/or Host
Africa												
Canary Islands												
EA8RM	1,565,802	2,260	238	SOQRP	28.2	0/0	121/26	524/50	535/54	563/57	517/51	
EA8A	244,662	688	121	SOLP	8.3	0/0	0/0	27/20	311/48	346/50	4/3	
EA8AJW	23,856	118	71	SOLP	6.8	0/0	2/2	26/17	35/20	33/18	22/14	
EA8RY	2,574	34	26	SOLP	2.1	0/0	0/0	25/20	8/5	0/0	1/1	
EA8DOX	2,400	33	25	SOHP	1.5	0/0	13/10	0/0	1/1	19/14	0/0	
EA8ZS	168,948	1,077	57	SOHP-20	13.9	0/0	0/0	0/0	1,077/57	0/0	0/0	
EA8KR (L)	229,482	1,277	61	SOHP-15	23.6	0/0	0/0	0/0	0/0	1,277/61	0/0	
Ceuta & Melilla												
EF9M (EA5EL, op)	160,056	967	57	SOHP-40	17.3	0/0	0/0	967/57	0/0	0/0	0/0	
EA9ACD	85,860	552	53	SOLP-20	14.6	0/0	0/0	0/0	552/53	0/0	0/0	
Chad												
TT1GD (SP5MXZ, op)	166,140	948	60	SOUHP-15	17.5	0/0	0/0	0/0	0/0	948/60	0/0	
Ghana												

9G5ZZ (DL1CW, op) (L)	888,150	1,572	191	SOLP	23.9	0/0	2/1	210/42	639/56	426/48	295/44	
Kenya												
5Z4VJ	41,976	320	44	SOHP-40	25.0	0/0	0/0	320/44	0/0	0/0	0/0	
Madeira Islands												
CR3DX (OM3GI, op)	6,093,360	6,092	336	SOHP	41.7	174/38	550/58	1,004/60	1,313/60	1,522/60	1,529/60	
CT3KN	1,532,160	2,019	256	SOUHP	17.0	0/0	101/34	298/51	702/59	396/59	522/53	
CR3M (HA7GN, op)	330,894	1,789	62	SOHP-15	25.8	0/0	0/0	0/0	0/0	1,789/62	0/0	
Mauritius												
3B8HK	918	20	17	SOHP	3.4	0/0	0/0	0/0	10/10	10/7	0/0	
Morocco												
CN8WW (L)	26,622	163	58	SOULP	3.8	0/0	0/0	46/24	117/34	0/0	0/0	
Saint Helena												
ZD7BG	341,625	914	125	SOHP	10.7	0/0	0/0	0/0	61/24	299/48	554/53	
South Africa												
ZS1C	714,870	1,041	235	SOUHP	19.2	23/16	22/18	171/47	216/53	261/50	348/51	
ZS1IS (L)	918	19	17	SOULP	1.8	0/0	0/0	11/10	2/2	0/0	6/5	
ZS6WAR	5,760	66	30	SOULP-20	1.5	0/0	0/0	0/0	66/30	0/0	0/0	
Tunisia												
3V8LL	215,064	419	174	SOUHP	13.1	16/13	27/19	32/18	108/44	126/43	110/37	
Zambia												
9J2FI (DL2RMC, op)	21,576	116	62	SOULP	2.0	0/0	0/0	0/0	2/2	40/30	74/30	
Call	Score	QSOs	Mults	Category	Hours	160	80	40	20	15	10	Operator(s) and/or Host
Asia												
Asiatic Russia												
UAØDAR	302,412	649	158	SOHP	11.5	0/0	11/6	142/38	116/37	270/46	110/31	
UA9BA	169,521	473	121	SOHP	14.0	0/0	0/0	73/28	261/52	111/24	28/17	
RZØL	36,855	204	65	SOHP	7.3	0/0	41/12	27/11	4/4	78/17	54/21	
RAØLMK	30,504	173	62	SOLP	13.9	0/0	15/6	24/7	21/10	59/22	54/17	
RG8U	14,715	111	45	SOLP	5.8	0/0	0/0	0/0	88/35	23/10	0/0	
UD8A (L)	9,360	80	40	SOLP	3.8	0/0	0/0	0/0	58/29	22/11	0/0	
RØCM	2,574	39	22	SOLP	1.9	0/0	0/0	5/4	1/1	14/8	19/9	
RA8AT	2,304	33	24	SOLP	1.5	0/0	0/0	0/0	26/17	7/7	0/0	
RUØLL	162,624	492	112	SOUHP	8.7	0/0	0/0	43/12	105/32	270/49	74/19	
RCØCD	135,960	450	103	SOUHP	14.7	0/0	0/0	14/6	115/29	184/37	137/31	
RG9A	86,136	299	97	SOUHP	6.8	0/0	0/0	15/12	248/55	36/30	0/0	
RC9A	59,664	228	88	SOUHP	4.5	0/0	0/0	39/28	139/40	50/20	0/0	
R8TT	55,890	208	90	SOUHP	5.8	0/0	0/0	0/0	82/39	107/40	19/11	
RKØUN	45,144	220	72	SOUHP	10.4	0/0	2/2	42/19	51/18	74/19	51/14	
UA9CTT	41,205	208	67	SOUHP	9.3	0/0	0/0	0/0	171/48	37/19	0/0	
RZ9AM (L)	30,690	155	66	SOULP	13.1	0/0	0/0	9/8	100/39	46/19	0/0	
RT9A	24,534	143	58	SOUHP	2.2	0/0	0/0	0/0	94/37	49/21	0/0	
RA9V	19,836	122	57	SOUHP	5.5	0/0	2/2	22/16	98/39	0/0	0/0	
UA9MA	13,608	108	42	SOUHP	2.4	0/0	0/0	0/0	108/42	0/0	0/0	
RCØL	12,900	100	43	SOUHP	2.1	0/0	0/0	0/0	42/25	52/15	6/3	
RD8D (RX9CAZ, op)	9,855	73	45	SOULP	5.2	0/0	0/0	2/2	58/33	13/10	0/0	
RA8AO	4,860	45	36	SOUHP	2.5	0/0	1/1	4/4	40/31	0/0	0/0	

R8YF	41,496	271	52	SOLP-20	16.7	0/0	0/0	0/0	271/52	0/0	0/0	
RØRG	6,432	69	32	SOLP-20	7.6	0/0	0/0	0/0	69/32	0/0	0/0	
UA9OR (L)	4,929	54	31	SOLP-20	3.5	0/0	0/0	0/0	54/31	0/0	0/0	
RX9YM	2,709	45	21	SOLP-20	2.9	0/0	0/0	0/0	45/21	0/0	0/0	
RW9AV	108	6	6	SOLP-20	0.4	0/0	0/0	0/0	6/6	0/0	0/0	
RC8SC (L)	60	5	5	SOLP-20	0.3	0/0	0/0	0/0	5/5	0/0	0/0	
R9AE	47,583	325	51	SOUHP-20	10.7	0/0	0/0	0/0	325/51	0/0	0/0	
RDØA (L)	47,520	291	55	SOUHP-20	7.5	0/0	0/0	0/0	291/55	0/0	0/0	
RGØA	36,000	246	50	SOUHP-20	7.7	0/0	0/0	0/0	246/50	0/0	0/0	
RK9A	20,562	151	46	SOUHP-20	6.1	0/0	0/0	0/0	151/46	0/0	0/0	
RAØAM (L)	10,260	101	36	SOUHP-20	3.6	0/0	0/0	0/0	101/36	0/0	0/0	
RZ9YI	5,952	66	31	SOUHP-20	4.2	0/0	0/0	0/0	66/31	0/0	0/0	
RA9MX	5,742	59	33	SOULP-20	2.5	0/0	0/0	0/0	59/33	0/0	0/0	
UAØCID	3,420	60	20	SOLP-15	3.9	0/0	0/0	0/0	0/0	60/20	0/0	
RNØD	20,241	178	39	SOUHP-15	4.5	0/0	0/0	0/0	0/0	178/39	0/0	
RWØCR	9,504	98	33	SOHP-10	0.9	0/0	0/0	0/0	0/0	0/0	98/33	
RØLL (L)	2,808	54	18	SOLP-10	4.6	0/0	0/0	0/0	0/0	0/0	54/18	
RUØL (L)	540	22	9	SOLP-10	1.9	0/0	0/0	0/0	0/0	0/0	22/9	
China												
BI1DSA	13,464	103	44	SOLP	4.1	0/0	0/0	0/0	41/20	62/24	0/0	
BG6QAL	6,825	93	25	SOLP	6.5	0/0	0/0	17/7	1/1	40/8	35/9	
BD4ITM (L)	3,960	71	22	SOLP	7.2	0/0	0/0	10/4	3/3	41/8	17/7	
BD3OD (L)	2,475	56	15	SOLP	5.1	0/0	0/0	0/0	0/0	25/7	31/8	
BH3AGU (L)	1,209	31	13	SOLP	3.0	0/0	0/0	6/4	1/1	24/8	0/0	
BG8BKJ	1,176	28	14	SOLP	2.7	0/0	0/0	0/0	3/3	20/8	5/3	
BD7KBH (L)	594	18	11	SOLP	2.1	0/0	0/0	8/6	0/0	10/5	0/0	
BH4FRV	510	17	10	SOLP	2.2	0/0	0/0	3/2	2/1	9/6	3/1	
BD4WQZ	432	18	8	SOLP	0.8	0/0	0/0	14/4	1/1	3/3	0/0	
BD4LB	234	13	6	SOQRP	1.3	0/0	0/0	1/1	0/0	3/2	9/3	
BG2AUE (L)	128,412	379	116	SOUHP	6.8	0/0	13/5	100/28	73/32	187/45	6/6	
BD3TE	118,500	399	100	SOUHP	13.6	0/0	0/0	29/8	137/40	190/38	43/14	
BA4TB	113,955	364	107	SOUHP	7.4	0/0	3/3	39/14	171/43	115/31	36/16	
BG6GQE	51,666	224	79	SOUHP	7.7	0/0	9/5	14/7	38/19	129/33	34/15	
BH4HKZ	27,768	180	52	SOULP	10.8	0/0	6/3	30/8	28/11	69/15	47/15	
BH4GUU	8,820	101	30	SOULP	6.3	0/0	0/0	4/2	6/5	62/14	29/9	
BA7LCS	7,830	94	29	SOULP	9.2	0/0	0/0	13/7	5/5	50/8	26/9	
BA4OP	6,699	79	29	SOUHP	5.7	0/0	0/0	27/9	16/7	36/13	0/0	
BI1XJT (Y)	6,528	70	32	SOULP	4.5	0/0	0/0	0/0	13/10	46/16	11/6	
BA6KC (Y)	6,510	71	31	SOULP	2.5	0/0	0/0	0/0	10/8	31/13	30/10	
BD2RJ	3,354	43	26	SOUHP	1.1	0/0	0/0	0/0	5/5	19/10	19/11	
BI3BX (L)	2,394	43	19	SOULP	1.6	0/0	0/0	0/0	9/7	29/10	5/2	
BH6KOK	2,184	52	14	SOULP	1.9	0/0	0/0	9/4	0/0	41/9	2/1	
BG2EZM (L)	1,224	34	12	SOULP	1.8	0/0	0/0	0/0	1/1	30/9	3/2	
BD3QT	759	29	11	SOULP	4.0	0/0	0/0	1/1	0/0	15/5	13/5	
BA7JMO	456	19	8	SOUHP	0.6	0/0	0/0	0/0	0/0	15/6	4/2	
BH2XBV (Y)	45	5	3	SOLP-40	0.6	0/0	0/0	5/3	0/0	0/0	0/0	
BG4SE (L) (Y)	45	5	3	SOULP-40	1.1	0/0	0/0	5/3	0/0	0/0	0/0	
BA4IHB (Y)	192	9	8	SOHP-20	0.5	0/0	0/0	0/0	9/8	0/0	0/0	
BH3OQQ	2,145	56	13	SOLP-15	4.0	0/0	0/0	0/0	0/0	56/13	0/0	
BI8CZM	984	42	8	SOLP-15	4.0	0/0	0/0	0/0	0/0	42/8	0/0	

BD4OJ (L)	546	28	7	SOLP-15	2.5	0/0	0/0	0/0	0/0	28/7	0/0	
BI4JUB (L)	270	15	6	SOLP-15	1.7	0/0	0/0	0/0	0/0	15/6	0/0	
BD7JIR (L)	36	4	3	SOLP-15	0.1	0/0	0/0	0/0	0/0	4/3	0/0	
BH4BFS	17,136	169	34	SOULP-15	7.1	0/0	0/0	0/0	0/0	169/34	0/0	
BD7JNA	4,800	85	20	SOUHP-15	8.9	0/0	0/0	0/0	0/0	85/20	0/0	
BA3AX (L)	2,340	62	15	SOULP-15	2.5	0/0	0/0	0/0	0/0	62/15	0/0	
BG1WNU	528	26	8	SOULP-15	2.8	0/0	0/0	0/0	0/0	26/8	0/0	
BH3FZK	1,188	38	11	SOLP-10	2.8	0/0	0/0	0/0	0/0	0/0	38/11	
Cyprus												
5B4AOF	10,707	84	43	SOHP	2.1	0/0	0/0	44/19	3/3	9/5	28/16	
P3X	2,939,730	3,424	290	SOUHP	34.5	90/23	412/43	855/57	884/60	747/59	436/48	
5B4ASY	12,705	128	35	SOLP-20	7.3	0/0	0/0	0/0	128/35	0/0	0/0	
Hong Kong												
VR2CO	4,347	67	23	SOHP	4.7	0/0	0/0	5/4	1/1	47/12	14/6	
VR2YKP	432	16	9	SOLP	1.4	0/0	0/0	9/4	0/0	7/5	0/0	
VR2NC	3,825	89	15	SOLP-40	9.4	0/0	0/0	89/15	0/0	0/0	0/0	
VR2TA (L)	297	14	9	SOLP-40	1.5	0/0	0/0	14/9	0/0	0/0	0/0	
VR2GP	10,872	156	24	SOUHP-10	5.1	0/0	0/0	0/0	0/0	0/0	156/24	
VR2VRC	6,156	121	18	SOULP-10	4.1	0/0	0/0	0/0	0/0	0/0	121/18	
India												
VU2TMP	15,180	115	46	SOHP	3.9	0/0	0/0	0/0	23/14	72/20	20/12	
VU2PTT	12,495	86	49	SOULP	4.0	0/0	0/0	0/0	27/20	31/19	28/10	
VU2TUM	6	3	2	SOULP	0.1	0/0	0/0	0/0	0/0	3/2	0/0	
Israel												
4X1FH (L)	24,249	145	59	SOLP	11.4	0/0	0/0	81/27	47/21	17/11	0/0	
4X1ST (L)	64,080	248	89	SOULP	13.8	0/0	0/0	103/31	31/19	101/31	13/8	
4Z1DZ	4,488	44	34	SOUHP	1.9	0/0	0/0	0/0	12/10	5/5	27/19	
4Z4KX	9,126	121	26	SOULP-80	7.5	0/0	121/26	0/0	0/0	0/0	0/0	
4Z5ML (L)	19,440	164	40	SOHP-10	4.5	0/0	0/0	0/0	0/0	0/0	164/40	
Japan												
JF1NHD	1,486,836	2,155	234	SOHP	32.5	6/5	106/26	451/51	433/50	804/56	355/46	
JA7FTR	879,903	1,424	213	SOHP	30.0	5/3	39/18	196/46	372/50	522/50	290/46	
JH7QXJ	759,240	1,394	185	SOHP	26.8	0/0	0/0	333/49	222/41	536/52	303/43	
JA7NVF	703,248	1,251	196	SOHP	28.3	0/0	18/10	211/44	305/48	440/50	277/44	
JS1OYN	640,782	1,106	194	SOLP	36.6	2/2	35/13	266/45	192/44	392/50	219/40	
JG1ZUY (J1AHS, op) (Y)	619,248	1,078	194	SOLP	35.7	1/1	40/9	243/43	236/50	302/50	256/41	
JA1BJI	609,900	1,087	190	SOLP	38.0	5/3	48/12	240/41	212/45	389/50	193/39	
JH1OGC	566,979	943	203	SOLP	25.3	3/3	61/25	178/44	159/41	346/48	196/42	
JR1GSE	508,167	975	177	SOHP	22.0	1/1	31/10	129/32	308/46	306/47	200/41	
JA7ACM	409,374	815	171	SOHP	16.8	7/4	31/11	137/40	65/27	383/51	192/38	
J11LBJ	407,169	852	161	SOLP	24.7	0/0	0/0	107/35	207/42	331/43	207/41	
JA1PNA	395,997	776	173	SOHP	17.9	0/0	25/11	202/44	133/36	279/46	137/36	
JA8RUZ	364,305	781	163	SOHP	17.0	0/0	4/4	167/40	187/40	228/42	195/37	
JE5HTN (L)	302,832	710	144	SOLP	22.5	0/0	7/4	128/24	174/41	277/45	124/30	
7K1CPT	281,313	631	151	SOLP	14.7	0/0	15/9	54/21	106/35	260/47	196/39	
JA2AXB	213,435	544	135	SOHP	15.0	0/0	6/6	82/22	150/41	266/45	40/21	
JF2FIU	210,672	545	132	SOHP	12.9	0/0	16/10	43/18	113/35	252/42	121/27	
JO7KMB	196,707	496	133	SOHP	13.6	0/0	2/2	49/23	95/31	188/42	162/35	
JA6BZI	182,343	461	133	SOHP	9.8	0/0	7/6	74/29	92/34	226/45	62/19	

JA7UES	177,840	478	130	SOHP	14.6	0/0	1/1	66/25	107/36	230/46	74/22	
JA1TMG	165,432	460	122	SOHP	17.6	0/0	7/5	189/39	136/38	64/21	64/19	
JE4MHL	160,716	457	118	SOLP	16.7	0/0	6/5	79/16	86/26	170/40	116/31	
JK1OLT	149,517	465	111	SOHP	9.4	0/0	0/0	137/39	121/34	207/38	0/0	
JA9CWJ	137,760	418	112	SOHP	11.5	0/0	4/3	25/12	63/25	184/40	142/32	
JA5QYR	113,553	424	93	SOHP	15.8	0/0	4/3	33/12	110/24	200/36	77/18	
JR2PMT	105,576	336	106	SOHP	5.7	0/0	7/7	26/14	6/5	160/44	137/36	
JH0EPI	105,435	371	99	SOLP	13.4	0/0	6/5	26/10	103/30	190/38	46/16	
JA2XLV	99,792	382	88	SOHP	16.5	0/0	0/0	53/16	37/12	209/40	83/20	
JH1PXH	95,472	315	104	SOHP	13.7	0/0	2/2	43/20	65/21	142/39	63/22	
JQ1NGT (L)	91,584	328	96	SOQRP	13.7	0/0	0/0	46/10	65/22	111/34	106/30	
JJ2CDL	86,130	331	87	SOLP	20.9	0/0	0/0	50/12	72/19	121/33	88/23	
JH1FNU (L)	84,882	339	86	SOHP	11.5	0/0	2/2	34/14	78/24	225/46	0/0	
JH1OLB	83,220	301	95	SOHP	12.0	0/0	0/0	25/11	50/26	136/34	90/24	
JQ1CIV	78,384	290	92	SOHP	9.2	0/0	1/1	28/13	24/12	200/45	37/21	
JJ1QLT	77,697	299	89	SOHP	6.2	0/0	4/2	34/13	25/11	138/34	98/29	
JM8LND	73,080	281	87	SOLP	17.0	0/0	3/2	34/9	66/23	115/35	63/18	
JL3JRY	70,716	347	71	SOHP	4.0	0/0	0/0	0/0	0/0	228/40	119/31	
JN1GFR	68,850	255	90	SOLP	14.8	0/0	0/0	30/12	62/26	100/30	63/22	
JH1HIC (L)	66,792	256	88	SOHP	11.7	0/0	8/5	51/20	62/25	130/35	5/3	
JF1LMB	62,640	241	87	SOHP	11.4	0/0	9/6	28/13	31/11	94/31	79/26	
JR3RIU	60,021	261	81	SOHP	7.2	0/0	0/0	27/9	74/23	93/28	67/21	
JH0OXS	59,664	228	88	SOLP	11.3	0/0	12/7	32/14	49/23	80/24	55/20	
JF1VAE	54,282	222	83	SOLP	8.7	0/0	2/2	17/8	55/25	94/30	54/18	
JJ1VFE	52,212	233	76	SOHP	7.6	0/0	0/0	28/9	58/18	81/25	66/24	
JJ0PJD	50,850	227	75	SOLP	14.4	0/0	10/6	37/11	30/12	92/31	58/15	
JG1XIO	49,896	217	77	SOLP	10.5	0/0	1/1	21/7	25/16	132/37	38/16	
JA2EMP (L)	49,896	224	77	SOHP	11.9	0/0	2/2	35/14	57/19	83/25	47/17	
JH7UJU	47,652	210	76	SOQRP	17.6	0/0	8/5	37/12	52/20	60/21	53/18	
JM8RWJ	46,656	248	64	SOLP	9.7	0/0	0/0	11/7	11/7	86/20	140/30	
JA8CXY	44,457	208	73	SOLP	9.6	0/0	2/2	28/9	40/15	79/26	59/21	
JH3FTZ (L)	44,064	207	72	SOLP	14.1	0/0	1/1	19/10	52/19	89/28	46/14	
JA4DLF (L)	42,624	200	74	SOHP	9.2	0/0	0/0	4/3	76/28	96/30	24/13	
JA6ELV	42,180	190	74	SOLP	15.9	1/1	10/7	30/8	26/15	86/33	37/10	
JA2FXV (L)	37,260	207	60	SOLP	13.1	0/0	6/5	36/10	22/12	79/18	64/15	
JR1AQI	36,096	189	64	SOLP	7.4	0/0	0/0	0/0	40/16	69/26	80/22	
JH2RIH	36,081	216	57	SOLP	13.2	0/0	0/0	43/10	0/0	113/30	60/17	
JK1TCV (L)	35,700	172	70	SOQRP	9.9	0/0	0/0	22/9	49/21	70/26	31/14	
JA1CP	35,685	206	61	SOLP	15.8	1/1	14/7	44/12	30/9	69/15	48/17	
7M3LDC (L)	34,848	177	66	SOLP	10.7	0/0	7/5	36/13	32/13	51/17	51/18	
JA6BWH	34,587	187	63	SOHP	12.8	0/0	9/4	48/13	34/12	77/25	19/9	
JR2BYJ	34,452	175	66	SOLP	7.6	0/0	0/0	15/7	29/16	88/29	43/14	
JA1QOW	34,056	172	66	SOHP	5.7	0/0	3/3	27/9	26/14	75/23	41/17	
JK1AIV	33,867	162	71	SOLP	8.4	0/0	4/3	24/10	18/12	84/32	32/14	
7L3KJV	32,400	192	60	SOLP	9.0	0/0	0/0	26/9	15/9	125/31	26/11	
JF2BDK	32,364	174	62	SOLP	13.5	0/0	10/6	43/13	33/13	40/14	48/16	
JE0UXR (L)	32,319	173	63	SOLP	8.6	0/0	1/1	25/9	31/13	71/23	45/17	
JH7IQQ (L)	31,758	163	67	SOLP	8.4	0/0	0/0	16/8	7/6	91/32	49/21	
JH1HMC	30,690	169	62	SOLP	13.7	0/0	5/4	26/9	46/17	51/19	41/13	
JS1DEH	30,450	190	58	SOHP	7.4	0/0	0/0	8/5	32/12	124/29	26/12	

JA1GQC	30,267	172	59	SOHP	5.9	0/0	5/5	32/13	14/10	78/21	43/10	
JQ1TAR	28,992	151	64	SOHP	1.7	0/0	10/6	0/0	0/0	67/27	74/31	
JH9CEN	28,086	153	62	SOHP	7.6	0/0	15/6	19/8	17/9	46/20	56/19	
JS1PDC (L)	26,970	156	58	SOLP	13.0	0/0	0/0	48/14	13/7	61/23	34/14	
JA3UWB	26,505	162	57	SOLP	13.9	0/0	0/0	14/7	35/16	93/24	20/10	
JA2KPW	26,244	163	54	SOHP	11.8	0/0	0/0	34/9	31/14	81/23	17/8	
JH1VHU	25,920	137	64	SOHP	7.0	0/0	0/0	0/0	30/15	87/34	20/15	
JA6FFK	25,857	176	51	SOLP	11.8	0/0	18/7	38/9	26/10	71/19	23/6	
JM1VNJ	25,752	151	58	SOLP	8.5	0/0	0/0	20/9	18/11	62/21	51/17	
JA7ODY	25,296	140	62	SOHP	10.0	0/0	16/8	31/12	21/11	54/21	18/10	
JH4CES	25,134	144	59	SOQRP	7.2	0/0	6/5	27/10	24/14	53/15	34/15	
JE2KUC	24,924	136	62	SOHP	8.5	0/0	0/0	20/9	32/20	61/24	23/9	
JA2PFO (L)	24,168	152	53	SOHP	4.5	0/0	0/0	40/12	20/8	80/26	12/7	
JR1NKN (L)	23,829	169	47	SOQRP	11.2	0/0	0/0	0/0	8/5	97/24	64/18	
JG2RFJ	23,427	139	57	SOLP	9.6	0/0	0/0	26/9	40/18	32/13	41/17	
JR1MEG	22,776	156	52	SOLP	10.8	0/0	0/0	35/10	30/13	49/15	42/14	
JA7MCB	22,356	139	54	SOLP	9.5	0/0	0/0	16/6	41/17	62/21	20/10	
JH7IXX (L)	22,308	143	52	SOLP	14.6	0/0	5/5	35/9	54/17	18/8	31/13	
JO3JYE	21,996	149	52	SOLP	4.1	0/0	2/2	10/7	18/6	89/26	30/11	
JK1NSR	21,600	148	50	SOLP	11.0	0/0	0/0	0/0	48/17	92/29	8/4	
JH1MTR/4	21,543	167	43	SOLP	12.7	0/0	5/3	40/10	29/8	66/15	27/7	
JJ3QJI	21,528	138	52	SOLP	8.3	0/0	2/2	20/9	37/13	53/16	26/12	
JA8AJE	20,898	132	54	SOLP	5.8	0/0	0/0	19/8	33/14	32/12	48/20	
JAØTCC	20,574	128	54	SOLP	8.3	0/0	9/6	25/9	19/10	36/14	39/15	
JR1NHD	20,340	114	60	SOHP	4.0	0/0	0/0	17/11	17/12	50/22	30/15	
JK1QDZ	20,328	135	56	SOLP	13.2	0/0	5/3	25/8	22/13	46/18	37/14	
JQ3ALW	20,160	113	60	SOHP	4.6	0/0	0/0	18/8	16/7	60/33	19/12	
JA3JM	20,124	133	52	SOLP	6.1	0/0	0/0	21/9	25/12	69/22	18/9	
JA3AVO	19,278	126	51	SOHP	5.8	0/0	0/0	20/9	12/8	54/17	40/17	
JG1LHB (L)	19,080	125	53	SOHP	7.0	0/0	0/0	17/8	23/13	59/18	26/14	
JK1JAS (L)	18,762	123	53	SOLP	10.5	0/0	4/4	29/9	31/13	39/14	20/13	
JH1JNJ	18,306	115	54	SOHP	2.9	0/0	0/0	32/15	9/6	74/33	0/0	
JJ2AVH	18,150	121	50	SOLP	7.2	0/0	5/4	21/8	24/11	29/12	42/15	
JA2KKA (L)	17,685	134	45	SOLP	7.0	0/0	0/0	24/8	18/8	31/10	61/19	
7L3JAR	17,136	121	48	SOLP	10.4	0/0	2/2	28/8	0/0	64/23	27/15	
JA2YKA (JR2XKM, op) (Y)	16,677	109	51	SOLP	5.2	0/0	0/0	37/13	41/18	16/10	15/10	
JA1CRJ (L)	16,650	114	50	SOLP	4.8	0/0	0/0	13/7	26/13	53/19	22/11	
JJØTWX (L)	16,497	117	47	SOLP	11.2	0/0	0/0	18/7	7/6	80/29	12/5	
JH1RRP	16,335	104	55	SOLP	5.8	0/0	0/0	11/7	10/7	44/23	39/18	
JM1PIH	16,224	106	52	SOHP	5.4	0/0	0/0	8/7	20/10	54/23	24/12	
JA3NUT	15,996	130	43	SOLP	11.6	0/0	3/3	20/8	11/6	58/15	38/11	
JL1QDO	15,840	120	44	SOLP	9.1	0/0	0/0	34/10	17/8	32/10	37/16	
JA2HYD	14,805	106	47	SOHP	4.2	0/0	0/0	18/10	19/10	55/20	14/7	
JA3XOG	14,400	102	48	SOHP	2.7	0/0	0/0	18/9	5/4	36/20	43/15	
JA9EJG (L)	14,268	118	41	SOLP	7.2	0/0	0/0	16/7	2/2	61/19	39/13	
JE2OTM	14,256	99	48	SOHP	5.4	0/0	8/4	33/14	21/13	27/13	10/4	
JH1UES	14,112	115	42	SOLP	7.2	0/0	2/2	15/7	14/8	52/16	32/9	
JM1KNI	14,061	110	43	SOLP	5.6	0/0	0/0	12/5	1/1	68/22	29/15	
JH1TJH	13,932	109	43	SOLP	7.2	0/0	0/0	0/0	8/5	64/23	37/15	
JAØBJY	13,689	117	39	SOLP	5.6	0/0	0/0	18/7	8/8	91/24	0/0	

JR1ATA (L)	13,500	100	45	SOLP	7.0	0/0	0/0	14/8	16/10	38/13	32/14	
JL1FAR	12,285	91	45	SOLP	4.5	0/0	0/0	10/8	16/8	21/12	44/17	
JR1WYW	12,285	94	45	SOHP	2.8	0/0	3/2	7/6	16/9	49/18	19/10	
JG2NXV	12,141	73	57	SOHP	6.6	0/0	0/0	21/18	15/12	23/15	14/12	
JHØDAY	11,880	96	44	SOLP	5.5	1/1	10/5	25/9	23/10	17/10	20/9	
7N2TRM	11,640	97	40	SOLP	5.2	0/0	4/4	27/10	0/0	26/13	40/13	
JK3NQV (L)	11,400	102	38	SOHP	10.2	0/0	0/0	21/8	15/8	40/14	26/8	
JH2UNG	11,172	99	38	SOLP	7.3	0/0	0/0	19/9	7/5	39/12	34/12	
JI3NOP	10,584	102	36	SOHP	7.8	0/0	0/0	29/9	20/9	53/18	0/0	
JA8HBO (L)	10,584	102	36	SOLP	8.1	0/0	0/0	16/8	12/6	39/9	35/13	
JA6CVR (L)	10,434	94	37	SOLP	7.6	0/0	2/2	22/8	15/7	31/9	24/11	
JA1RAL (L)	10,413	93	39	SOLP	4.1	0/0	0/0	0/0	11/9	61/19	21/11	
JM1IKW (L)	10,080	82	42	SOLP	7.1	0/0	0/0	17/9	12/8	42/19	11/6	
JA4HEU	10,062	86	39	SOLP	6.8	0/0	1/1	23/8	22/12	28/12	12/6	
JR6RMV	9,660	96	35	SOLP	4.3	0/0	0/0	17/8	5/3	40/13	34/11	
JE3PTA	9,588	101	34	SOLP	8.3	0/0	0/0	35/11	14/6	38/10	14/7	
JS2NYJ	9,396	87	36	SOLP	5.3	0/0	0/0	24/8	11/7	19/9	33/12	
JE8UHY	9,240	90	35	SOLP	6.5	0/0	0/0	12/7	17/9	36/10	25/9	
JE3DFY (L)	9,102	83	37	SOLP	4.5	0/0	0/0	17/8	16/8	22/10	28/11	
JA4MLR	8,925	90	35	SOLP	11.8	0/0	0/0	8/5	23/10	22/8	37/12	
JR1TCY	8,640	82	36	SOLP	5.1	0/0	6/5	23/10	1/1	37/12	15/8	
JE1RRK	8,514	95	33	SOLP	5.9	0/0	0/0	29/10	0/0	57/16	9/7	
JF6KKC	8,466	84	34	SOLP	4.9	0/0	0/0	7/5	7/4	70/25	0/0	
JL1ISE	8,400	81	35	SOLP	6.7	0/0	0/0	20/8	14/7	8/4	39/16	
JM1XBD	8,208	76	36	SOLP	6.5	0/0	4/4	22/9	8/7	17/7	25/9	
JH6RON	7,752	80	34	SOLP	9.2	0/0	10/4	31/11	11/6	20/9	8/4	
JH5HDA	7,722	78	33	SOLP	4.2	0/0	0/0	11/7	4/4	40/11	23/11	
JA4LCI	7,446	75	34	SOLP	3.2	0/0	0/0	0/0	19/12	39/16	17/6	
JH1RCA	7,104	76	32	SOHP	8.0	0/0	0/0	22/8	11/6	37/15	6/3	
JA1SCE	6,930	70	33	SOLP	2.9	0/0	0/0	20/9	0/0	25/14	25/10	
JH2MYN	6,561	83	27	SOLP	6.0	0/0	0/0	31/11	0/0	49/14	3/2	
JE2DOD	6,405	62	35	SOLP	2.6	0/0	0/0	16/8	14/8	26/16	6/3	
JA6NQT (L)	6,210	75	30	SOHP	6.5	0/0	0/0	10/6	1/1	36/12	28/11	
JR3UIC	6,201	56	39	SOHP	1.8	0/0	7/5	12/8	12/10	12/9	13/7	
JRØGXA	5,940	61	33	SOLP	5.5	0/0	4/4	18/10	9/6	15/6	15/7	
JF1WAM	5,508	57	34	SOLP	2.5	0/0	1/1	12/8	5/5	25/10	14/10	
JE2HCJ	5,499	52	39	SOLP	1.9	0/0	0/0	0/0	7/7	21/13	24/19	
JL1IDK	5,487	60	31	SOLP	4.7	0/0	0/0	18/8	1/1	27/14	14/8	
JF4XUT	5,328	76	24	SOLP	4.7	0/0	0/0	19/8	0/0	57/16	0/0	
JA9MAT	5,184	65	27	SOQRP	2.9	0/0	0/0	6/5	0/0	28/10	31/12	
JH1DJD	5,115	61	31	SOLP	5.3	0/0	0/0	23/9	7/5	14/6	17/11	
JS2KZM	4,872	59	28	SOLP	4.3	0/0	0/0	0/0	6/6	30/11	23/11	
7K1SLY (L)	4,779	61	27	SOQRP	9.4	0/0	0/0	11/7	2/2	30/10	18/8	
JH8IYN (L)	4,620	59	28	SOLP	3.6	0/0	0/0	9/5	22/8	13/8	15/7	
JK1VMC	4,590	56	30	SOLP	1.8	0/0	1/1	9/7	0/0	13/9	33/13	
JL1EHU	4,524	61	26	SOLP	4.1	0/0	0/0	9/4	8/5	28/10	16/7	
JA1OHP (L)	4,212	55	27	SOLP	3.0	0/0	0/0	9/8	0/0	32/11	14/8	
JM1IPX	4,200	51	28	SOLP	5.8	0/0	0/0	15/8	11/8	25/12	0/0	
JL1LOF	3,933	57	23	SOLP	3.9	0/0	0/0	14/8	2/2	40/12	1/1	
JO1PZR	3,726	55	23	SOLP	3.4	0/0	0/0	21/7	6/3	28/13	0/0	

JAØIOF	3,696	56	22	SOLP	3.2	0/0	0/0	2/2	0/0	46/14	8/6	
JH1HST	3,672	51	24	SOLP	4.9	0/0	0/0	3/3	4/3	30/12	14/6	
JA5CIC (L)	3,645	47	27	SOHP	3.5	0/0	0/0	22/12	4/3	0/0	21/12	
JA3DAY	3,480	59	20	SOLP	4.0	0/0	0/0	0/0	0/0	32/9	27/11	
JHØMUC (L)	3,432	53	22	SOLP	3.5	0/0	1/1	19/7	3/2	14/5	16/7	
JE6JZP	3,366	51	22	SOLP	1.6	0/0	0/0	11/6	0/0	32/11	8/5	
JL3AYP	3,339	54	21	SOLP	5.0	0/0	0/0	0/0	25/12	29/9	0/0	
JH1SAR	3,312	47	24	SOLP	4.1	0/0	0/0	6/3	10/7	18/9	13/5	
JL1ISK (L)	3,312	47	24	SOQRP	2.4	0/0	0/0	17/8	1/1	0/0	29/15	
JM1BNF (L)	3,105	46	23	SOLP	6.6	0/0	2/2	27/10	3/3	14/8	0/0	
JF3KCH	2,961	47	21	SOHP	3.6	0/0	0/0	28/8	7/7	0/0	12/6	
JRØDLU	2,961	48	21	SOLP	3.4	0/0	0/0	12/7	0/0	1/1	35/13	
JP2XYT (L)	2,808	40	24	SOLP	1.5	0/0	0/0	13/7	0/0	9/8	18/9	
JH6DUI	2,700	53	18	SOHP	5.7	0/0	0/0	0/0	3/2	50/16	0/0	
JM8FEI (L)	2,688	57	16	SOLP	4.6	0/0	0/0	0/0	0/0	16/7	41/9	
JS1KKY	2,448	34	24	SOLP	1.7	0/0	2/2	7/5	12/10	2/2	11/5	
JH1NHY	2,376	37	22	SOHP	2.3	0/0	0/0	0/0	3/2	23/12	11/8	
JH2RMU	2,337	41	19	SOHP	1.1	0/0	4/4	0/0	0/0	37/15	0/0	
JL1AQA	2,166	38	19	SOLP	2.1	0/0	0/0	10/6	0/0	18/8	10/5	
JE2PHJ	2,109	40	19	SOLP	3.7	0/0	0/0	0/0	20/11	20/8	0/0	
JA9CCG	2,100	35	20	SOHP	2.2	0/0	0/0	0/0	20/13	15/7	0/0	
JL1CNY	2,016	49	14	SOHP	1.0	0/0	0/0	45/12	0/0	4/2	0/0	
JA7SSP	1,989	39	17	SOLP	3.6	0/0	1/1	15/7	0/0	23/9	0/0	
JA1GDU	1,980	36	20	SOLP	2.5	0/0	1/1	11/7	2/2	22/10	0/0	
JA1SKE	1,980	30	22	SOHP	1.9	0/0	2/2	14/7	7/7	7/6	0/0	
7K1JFM	1,938	34	19	SOLP	2.0	0/0	0/0	18/9	1/1	15/9	0/0	
JA1WQX	1,938	37	19	SOLP	3.7	0/0	0/0	12/7	0/0	9/5	16/7	
JA6CNX	1,872	39	24	SOHP	6.0	0/0	1/1	10/5	16/10	8/6	4/2	
JA3LIL	1,848	38	22	SOHP	3.1	0/0	0/0	0/0	8/8	23/11	7/3	
JH4OHD	1,836	38	17	SOLP	3.1	0/0	0/0	11/5	5/4	22/8	0/0	
JH2XQY	1,728	32	18	SOLP	1.4	0/0	0/0	0/0	0/0	18/9	14/9	
JA1BVY (L)	1,710	30	19	SOHP	2.0	0/0	0/0	5/3	2/2	9/6	14/8	
JR7IFV	1,710	30	19	SOLP	3.2	0/0	0/0	15/8	0/0	15/11	0/0	
JK1ESR	1,680	40	14	SOQRP	3.8	0/0	0/0	18/6	0/0	22/8	0/0	
JR1LEV (L)	1,674	32	18	SOLP	2.2	0/0	1/1	18/9	13/8	0/0	0/0	
JH9FBU	1,530	30	17	SOLP	2.0	0/0	0/0	3/3	4/4	23/10	0/0	
JL1IHF	1,248	28	16	SOLP	2.5	0/0	0/0	8/5	0/0	19/10	1/1	
JM2NYR (L)	1,188	30	18	SOLP	3.3	0/0	0/0	8/6	2/1	18/9	2/2	
JE8PHS (L)	1,170	28	15	SOLP	1.8	0/0	0/0	2/2	3/3	20/7	3/3	
JL1IAO (L)	1,152	24	16	SOLP	2.4	0/0	0/0	12/8	8/5	4/3	0/0	
JH6SCA (L)	1,131	29	13	SOLP	1.4	0/0	0/0	11/6	0/0	0/0	18/7	
JA1AVI	1,056	22	16	SOLP	1.4	0/0	0/0	5/4	0/0	7/5	10/7	
JE7SRK	975	25	13	SOLP	1.0	0/0	1/1	2/2	0/0	12/6	10/4	
JAØVFN	966	24	14	SOLP	2.2	0/0	0/0	5/5	0/0	17/8	2/1	
JA8RJD	960	20	16	SOLP	2.4	0/0	0/0	3/2	0/0	7/5	10/9	
JO3XCK (L)	924	28	11	SOLP	2.5	0/0	0/0	8/5	0/0	20/6	0/0	
JN1FAO	900	25	12	SOLP	1.6	0/0	0/0	13/6	0/0	12/6	0/0	
JA7LLL	882	22	14	SOLP	1.8	0/0	0/0	15/7	7/7	0/0	0/0	
JR2FJC	819	21	13	SOLP	1.3	0/0	0/0	4/3	0/0	15/8	2/2	
JH4HVL	819	22	13	SOLP	2.3	0/0	0/0	1/1	8/6	11/4	2/2	

JN1XQS (L)	693	21	11	SOLP	1.3	0/0	0/0	8/5	0/0	0/0	13/6	
JK1SBP	684	19	12	SOLP	1.8	0/0	0/0	11/7	0/0	8/5	0/0	
JO1ZRX (JR7KVA, op)	660	20	11	SOLP	2.9	0/0	0/0	12/6	8/5	0/0	0/0	
JG1UQD	594	19	11	SOLP	1.0	0/0	1/1	13/8	0/0	5/2	0/0	
JG1LMT	462	15	11	SOLP	0.7	0/0	0/0	3/2	6/5	6/4	0/0	
JE2QHK (L)	429	17	11	SOLP	1.4	0/0	0/0	6/4	2/2	0/0	9/5	
JR7ASO	264	11	8	SOLP	0.4	0/0	0/0	2/1	1/1	8/6	0/0	
JL1NIE (L)	192	10	8	SOLP	1.0	0/0	0/0	8/6	0/0	2/2	0/0	
JR2DWA (L)	54	7	6	SOLP	1.1	0/0	0/0	7/6	0/0	0/0	0/0	
JL1OOD	48	4	4	SOLP	0.0	0/0	0/0	4/4	0/0	0/0	0/0	
JA1NKU (L)	45	5	3	SOQRP	0.7	0/0	3/2	2/1	0/0	0/0	0/0	
JA5NSR	36	4	3	SOLP	0.7	0/0	3/2	1/1	0/0	0/0	0/0	
JO6NZN	12	2	2	SOLP	0.0	0/0	0/0	0/0	1/1	1/1	0/0	
JR2GRX	1,946,976	2,434	272	SOUHP	42.6	12/8	195/45	463/56	636/58	726/54	402/51	
JE1LFX	1,117,116	1,745	217	SOUHP	36.1	0/0	50/13	425/51	389/52	541/54	340/47	
JN2AMD	738,615	1,233	205	SOUHP	31.2	5/3	48/13	270/46	291/48	390/52	229/43	
JAØFVU	680,580	1,212	190	SOUHP	30.6	4/3	51/13	148/32	316/50	430/49	263/43	
JF1UOX	519,939	926	189	SOUHP	17.5	0/0	8/5	159/41	165/46	370/52	224/45	
JH1EAQ	491,904	906	183	SOULP	25.9	0/0	41/12	197/44	160/39	303/47	205/41	
JA7NPV (L)	476,850	871	187	SOUHP	20.2	4/3	22/11	132/40	210/42	298/49	205/42	
JK2RCP	444,276	908	164	SOULP	33.7	0/0	31/9	149/27	206/45	321/48	201/35	
JG1LFR	396,990	806	165	SOULP	30.6	0/0	41/11	167/32	182/44	250/45	166/33	
JF3IPR	373,245	752	167	SOUHP	25.8	3/3	36/11	120/31	166/45	264/46	163/31	
JE1NVD	369,846	766	162	SOUHP	20.9	0/0	25/10	92/31	207/41	319/49	123/31	
JN1THL	354,708	729	167	SOUHP	15.0	0/0	6/4	130/39	205/46	309/49	79/29	
JF7PHE	331,854	807	142	SOUHP	24.6	3/2	36/10	106/24	150/37	429/49	83/20	
JM7SKE	274,344	666	142	SOUHP	19.8	0/0	8/5	38/12	95/38	345/49	180/38	
JG6JAV	216,240	541	136	SOULP	25.7	2/2	27/9	129/27	112/32	159/40	112/26	
JA2KVB	182,130	473	130	SOULP	15.3	0/0	12/7	85/20	77/29	159/39	140/35	
JA1IAZ	176,526	475	126	SOULP	13.5	0/0	0/0	52/19	74/29	249/50	100/28	
JlØVWL	171,072	434	132	SOUHP	10.0	1/1	15/8	108/28	86/30	124/33	100/32	
JR4FLW (L)	168,780	486	116	SOULP	20.9	0/0	12/5	65/19	90/23	217/45	102/24	
J11FOE	165,540	459	124	SOUHP	21.0	0/0	14/10	100/24	109/28	156/35	80/27	
JH4UTP	157,320	469	114	SOULP	8.9	0/0	6/4	59/13	96/30	208/43	100/24	
JQ1YUF (KN8U, op)	153,135	424	123	SOUHP	10.3	0/0	29/15	67/22	181/40	109/34	38/12	
7K4VPV	152,889	457	113	SOUHP	15.1	0/0	0/0	32/12	90/29	223/44	112/28	
J14WHS	132,600	430	104	SOULP	17.2	0/0	15/7	56/13	115/25	166/32	78/27	
JN3DSH	117,867	392	101	SOULP	16.8	0/0	7/5	46/14	58/16	178/41	103/25	
JK2VOC	106,536	387	92	SOULP	15.5	0/0	3/3	28/9	86/24	168/33	102/23	
JH2FXK	87,906	302	98	SOUHP	7.9	1/1	12/6	50/14	72/26	67/21	100/30	
J11HFJ	85,095	308	93	SOULP	13.2	0/0	1/1	22/9	60/22	127/36	98/25	
JG2AIG (L)	80,520	305	88	SOULP	14.7	0/0	1/1	51/13	61/18	106/32	86/24	
JF3EIG	71,760	260	92	SOULP	11.0	0/0	13/7	35/10	46/20	112/37	54/18	
JM1XCW (L)	60,990	214	95	SOUHP	4.7	0/0	8/7	18/13	32/16	91/34	65/25	
JR2NMJ	60,060	221	91	SOULP	6.9	0/0	6/4	37/13	38/22	64/25	76/27	
JR7AQL (L)	58,302	243	82	SOUHP	15.0	0/0	0/0	41/13	49/20	96/30	57/19	
7K4AEA (L)	56,682	287	67	SOUHP	7.5	0/0	0/0	97/19	120/30	5/3	65/15	
JP3WEL (JG1EIQ, op)	47,952	216	74	SOUHP	7.1	0/0	0/0	31/10	37/19	100/32	48/13	
JJ1XBQ	47,025	211	75	SOUHP	5.6	0/0	0/0	60/16	30/15	83/26	38/18	
JK1HIX	45,504	195	79	SOUHP	7.6	0/0	5/5	37/15	29/14	64/22	60/23	

JM3UGA	44,088	169	88	SOUHP	4.1	0/0	4/3	35/16	6/6	70/40	54/23	
JF3KQA (L)	39,780	207	65	SOULP	14.4	0/0	17/7	38/11	39/14	65/17	48/16	
JA7SUR	35,904	195	64	SOULP	14.2	0/0	3/2	36/8	30/14	59/19	67/21	
JA9LX	26,727	151	59	SOULP	8.1	0/0	0/0	30/10	31/14	58/20	32/15	
JK7UST	26,352	151	61	SOULP	6.2	0/0	0/0	30/14	20/8	64/24	37/15	
JA2QVP	24,180	132	62	SOULP	5.2	0/0	4/4	15/7	28/14	51/24	34/13	
JK1RSJ (L)	21,573	143	51	SOULP	9.9	0/0	10/8	38/10	0/0	62/19	33/14	
JE1AEX	19,602	121	54	SOUHP	4.4	0/0	3/3	12/7	29/11	52/20	25/13	
JE7LHT	19,467	103	63	SOULP	6.1	0/0	0/0	15/10	16/10	30/21	42/22	
JA2GHP (L)	16,065	120	45	SOULP	7.7	0/0	0/0	7/5	22/10	74/21	17/9	
JG6OZC	15,390	118	45	SOUHP	3.9	0/0	0/0	0/0	5/5	98/34	15/6	
JG1FMA	13,596	104	44	SOULP	8.9	0/0	0/0	17/9	5/4	29/10	53/21	
J11ALP	11,583	101	39	SOULP	5.3	0/0	0/0	24/9	0/0	54/23	23/7	
JA6MWW	10,956	89	44	SOUHP	4.3	0/0	1/1	11/8	15/11	42/16	20/8	
J11ONK	9,504	96	33	SOULP	9.2	0/0	0/0	28/9	12/6	41/12	15/6	
JN2GPQ	7,668	72	36	SOUHP	5.6	0/0	0/0	9/5	18/9	35/16	10/6	
JR2AWS	7,488	80	32	SOULP	4.3	0/0	0/0	0/0	24/11	37/12	19/9	
JL1JJD	7,128	71	36	SOUHP	3.8	0/0	0/0	8/6	6/5	57/25	0/0	
J11JPE	6,240	65	32	SOULP	4.1	0/0	0/0	32/10	7/6	17/7	9/9	
JK4JMO (L)	6,003	71	29	SOULP	4.7	0/0	0/0	15/7	9/6	34/11	13/5	
JK1DVU (L)	5,856	64	32	SOULP	4.5	0/0	0/0	12/7	6/5	14/7	32/13	
J11HSV (L)	5,103	68	27	SOULP	5.5	0/0	0/0	3/3	0/0	34/10	31/14	
JL2TAW	5,040	60	28	SOULP	3.6	0/0	0/0	27/10	14/10	19/8	0/0	
JA3VOV	4,836	64	26	SOUHP	3.9	0/0	0/0	19/8	8/5	23/8	14/5	
JA8RWU/1	4,092	63	22	SOULP	3.4	0/0	0/0	0/0	2/2	34/12	27/8	
JQ2NUD	3,816	54	24	SOULP	5.1	0/0	1/1	8/5	18/9	27/9	0/0	
JE2LUN (L)	3,525	49	25	SOUHP	2.1	0/0	0/0	1/1	18/8	24/12	6/4	
JF1OVA	2,580	43	20	SOUHP	2.7	0/0	0/0	0/0	0/0	0/0	43/20	
JA4OPW	2,025	45	15	SOUHP	2.6	0/0	2/1	4/2	0/0	39/12	0/0	
JF3LOP	1,953	31	21	SOUHP	1.2	1/1	19/10	7/6	4/4	0/0	0/0	
JE3OUU	1,767	31	19	SOULP	3.9	0/0	0/0	0/0	11/6	10/7	10/6	
JL7GGH	1,665	37	15	SOULP	3.0	0/0	0/0	0/0	0/0	17/7	20/8	
JH6WHN	1,425	25	19	SOULP	0.9	0/0	0/0	11/7	6/5	8/7	0/0	
JM1EKM	1,104	24	16	SOULP	1.4	0/0	0/0	0/0	0/0	10/8	14/8	
JA1GFD	756	24	12	SOULP	2.5	0/0	0/0	20/8	3/3	1/1	0/0	
JJ2QXI	480	16	10	SOUQRP	1.5	0/0	0/0	11/7	3/2	2/1	0/0	
J11UBX	390	13	10	SOULP	1.4	0/0	0/0	0/0	6/6	7/4	0/0	
JAØIND/1	390	18	10	SOUQRP	1.9	0/0	0/0	10/6	0/0	7/3	1/1	
JRØELG	162	9	6	SOULP	0.4	0/0	0/0	0/0	1/1	8/5	0/0	
JA4MRL (L)	48	4	4	SOULP	0.0	0/0	0/0	2/2	0/0	1/1	1/1	
JF1AMX	2,907	51	19	SOHP-160	5.3	51/19	0/0	0/0	0/0	0/0	0/0	
JE1SPY (L)	162	11	6	SOLP-160	1.1	11/6	0/0	0/0	0/0	0/0	0/0	
JA9FHB	3	1	1	SOHP-160	0.0	1/1	0/0	0/0	0/0	0/0	0/0	
JH7XMO	18,696	166	38	SOHP-80	9.6	0/0	166/38	0/0	0/0	0/0	0/0	
J11VRO	1,722	41	14	SOLP-80	5.1	0/0	41/14	0/0	0/0	0/0	0/0	
JE1TSD	594	22	9	SOLP-80	3.4	0/0	22/9	0/0	0/0	0/0	0/0	
JH1APZ	378	20	7	SOQRP-80	3.1	0/0	20/7	0/0	0/0	0/0	0/0	
JN4MMO	5,607	91	21	SOUHP-80	22.9	0/0	91/21	0/0	0/0	0/0	0/0	
JA2HNP	5,304	69	26	SOHP-40	4.5	0/0	0/0	69/26	0/0	0/0	0/0	
JO4MTH	3,108	75	14	SOLP-40	10.0	0/0	0/0	75/14	0/0	0/0	0/0	

JHØILL	2,397	52	17	SOHP-40	1.5	0/0	0/0	52/17	0/0	0/0	0/0	
JA2GTW (L)	1,479	29	17	SOHP-40	2.5	0/0	0/0	29/17	0/0	0/0	0/0	
JJ1IVX	1,287	33	13	SOLP-40	2.0	0/0	0/0	33/13	0/0	0/0	0/0	
JR1ABS	1,200	42	10	SOQRP-40	4.9	0/0	0/0	42/10	0/0	0/0	0/0	
JS1NDM	1,170	28	15	SOHP-40	1.1	0/0	0/0	28/15	0/0	0/0	0/0	
JR9CPT	1,044	30	12	SOHP-40	3.0	0/0	0/0	30/12	0/0	0/0	0/0	
JR1DVB (L)	750	26	10	SOLP-40	3.1	0/0	0/0	26/10	0/0	0/0	0/0	
JG1RYQ	480	20	8	SOQRP-40	2.6	0/0	0/0	20/8	0/0	0/0	0/0	
7M2ALZ	408	18	8	SOLP-40	0.7	0/0	0/0	18/8	0/0	0/0	0/0	
JP7VFW (L)	270	16	6	SOLP-40	2.1	0/0	0/0	16/6	0/0	0/0	0/0	
JG1TGQ (L)	210	10	7	SOLP-40	0.9	0/0	0/0	10/7	0/0	0/0	0/0	
JH9BWC (L)	162	9	6	SOLP-40	1.0	0/0	0/0	9/6	0/0	0/0	0/0	
JM4WUZ	120	8	5	SOLP-40	0.3	0/0	0/0	8/5	0/0	0/0	0/0	
JR3KAH	72	7	4	SOLP-40	0.8	0/0	0/0	7/4	0/0	0/0	0/0	
JG3DHN	18	3	2	SOQRP-40	0.6	0/0	0/0	3/2	0/0	0/0	0/0	
JJØPKS (JH7PKU, op)	54,774	369	51	SOUHP-40	18.8	0/0	0/0	369/51	0/0	0/0	0/0	
JJ1AEB (L)	7,176	92	26	SOULP-40	12.8	0/0	0/0	92/26	0/0	0/0	0/0	
JF3KNW	1,344	29	16	SOUHP-40	1.0	0/0	0/0	29/16	0/0	0/0	0/0	
JR7ANB	720	25	10	SOULP-40	1.6	0/0	0/0	25/10	0/0	0/0	0/0	
JE3VRJ	567	21	9	SOUHP-40	1.3	0/0	0/0	21/9	0/0	0/0	0/0	
JG2FGD	399	20	7	SOUHP-40	2.4	0/0	0/0	20/7	0/0	0/0	0/0	
JR1LQK (L)	336	15	8	SOULP-40	1.1	0/0	0/0	15/8	0/0	0/0	0/0	
JH3DMQ (WA6DWH, op)	252	12	7	SOUQRP-40	0.7	0/0	0/0	12/7	0/0	0/0	0/0	
JJ2MED	46,107	332	47	SOHP-20	11.5	0/0	0/0	0/0	332/47	0/0	0/0	
JK7DWD	8,400	100	28	SOQRP-20	9.5	0/0	0/0	0/0	100/28	0/0	0/0	
JN6FRH	6,561	81	27	SOHP-20	15.5	0/0	0/0	0/0	81/27	0/0	0/0	
JJ3TBB (L)	1,680	40	14	SOLP-20	15.4	0/0	0/0	0/0	40/14	0/0	0/0	
JHØKFI (L)	870	29	10	SOQRP-20	2.7	0/0	0/0	0/0	29/10	0/0	0/0	
JF1HAJ	792	25	11	SOLP-20	3.3	0/0	0/0	0/0	25/11	0/0	0/0	
JE1GWO	702	18	13	SOLP-20	1.3	0/0	0/0	0/0	18/13	0/0	0/0	
JG1BPS	384	16	8	SOLP-20	1.6	0/0	0/0	0/0	16/8	0/0	0/0	
JA1YPA (JA1PEJ, op)	264	11	8	SOHP-20	0.7	0/0	0/0	0/0	11/8	0/0	0/0	
JR3NZC	108,915	700	53	SOHP-15	9.5	0/0	0/0	0/0	0/0	700/53	0/0	
7K4XNN	104,115	649	55	SOHP-15	12.2	0/0	0/0	0/0	0/0	649/55	0/0	
JJ7NUF	74,253	474	53	SOHP-15	9.4	0/0	0/0	0/0	0/0	474/53	0/0	
JF3BFS (L)	65,250	436	50	SOLP-15	11.5	0/0	0/0	0/0	0/0	436/50	0/0	
JF3IYW/2	48,645	352	47	SOLP-15	11.3	0/0	0/0	0/0	0/0	352/47	0/0	
JM8SMO	16,200	157	36	SOLP-15	7.8	0/0	0/0	0/0	0/0	157/36	0/0	
JG1SRO	14,280	137	35	SOHP-15	1.7	0/0	0/0	0/0	0/0	137/35	0/0	
JE2PCY	10,920	106	35	SOHP-15	6.2	0/0	0/0	0/0	0/0	106/35	0/0	
7K1MAG/2	9,630	108	30	SOLP-15	4.6	0/0	0/0	0/0	0/0	108/30	0/0	
JJ1BBN	7,800	100	26	SOLP-15	3.6	0/0	0/0	0/0	0/0	100/26	0/0	
JG3LLB	7,128	89	27	SOLP-15	3.4	0/0	0/0	0/0	0/0	89/27	0/0	
JE1CAC (L)	6,552	86	26	SOLP-15	5.6	0/0	0/0	0/0	0/0	86/26	0/0	
JF1KML	5,850	78	25	SOLP-15	2.7	0/0	0/0	0/0	0/0	78/25	0/0	
JH1KYA	5,694	76	26	SOLP-15	4.4	0/0	0/0	0/0	0/0	76/26	0/0	
JH2HIW	5,400	80	24	SOLP-15	5.8	0/0	0/0	0/0	0/0	80/24	0/0	
JN1RVS	5,376	66	28	SOHP-15	2.5	0/0	0/0	0/0	0/0	66/28	0/0	
JE1JNJ	4,347	76	21	SOHP-15	5.3	0/0	0/0	0/0	0/0	76/21	0/0	
JS2PHO (L)	3,762	69	19	SOLP-15	2.9	0/0	0/0	0/0	0/0	69/19	0/0	

JO1KTD (L)	3,696	60	22	SOLP-15	9.1	0/0	0/0	0/0	0/0	60/22	0/0	
JA3GOJ	3,264	69	16	SOLP-15	9.5	0/0	0/0	0/0	0/0	69/16	0/0	
JR6CSY	3,132	59	18	SOHP-15	1.8	0/0	0/0	0/0	0/0	59/18	0/0	
JE1RXJ (L)	3,105	48	23	SOHP-15	3.0	0/0	0/0	0/0	0/0	48/23	0/0	
JK1NWD	2,499	51	17	SOQRP-15	6.3	0/0	0/0	0/0	0/0	51/17	0/0	
JR6HMJ/1 (L)	2,208	48	16	SOQRP-15	4.5	0/0	0/0	0/0	0/0	48/16	0/0	
JA2SWH	2,040	40	17	SOLP-15	1.5	0/0	0/0	0/0	0/0	40/17	0/0	
JE8ATX	1,953	31	21	SOLP-15	4.1	0/0	0/0	0/0	0/0	31/21	0/0	
JH4FUF (L)	1,920	41	16	SOLP-15	3.3	0/0	0/0	0/0	0/0	41/16	0/0	
JH4NJQ	1,620	45	12	SOLP-15	7.8	0/0	0/0	0/0	0/0	45/12	0/0	
JQ1VDJ	1,440	32	15	SOLP-15	0.7	0/0	0/0	0/0	0/0	32/15	0/0	
JP1NNF	1,365	35	13	SOHP-15	2.0	0/0	0/0	0/0	0/0	35/13	0/0	
JH8GEU	1,089	35	11	SOHP-15	1.4	0/0	0/0	0/0	0/0	35/11	0/0	
JA1LKY	1,056	33	11	SOLP-15	3.5	0/0	0/0	0/0	0/0	33/11	0/0	
JA1KPF (L)	1,053	39	9	SOQRP-15	6.1	0/0	0/0	0/0	0/0	39/9	0/0	
7K1VKU/1	960	20	16	SOQRP-15	2.0	0/0	0/0	0/0	0/0	20/16	0/0	
JH1USR (L)	648	19	12	SOLP-15	0.7	0/0	0/0	0/0	0/0	19/12	0/0	
JJ7JXO	627	19	11	SOLP-15	1.8	0/0	0/0	0/0	0/0	19/11	0/0	
JM1LRA	600	25	8	SOLP-15	1.6	0/0	0/0	0/0	0/0	25/8	0/0	
JA1DBG	567	21	9	SOLP-15	2.0	0/0	0/0	0/0	0/0	21/9	0/0	
JEØANW	540	20	9	SOLP-15	1.4	0/0	0/0	0/0	0/0	20/9	0/0	
JR7HAN	528	22	8	SOQRP-15	0.4	0/0	0/0	0/0	0/0	22/8	0/0	
JH1NLF	459	18	9	SOLP-15	2.0	0/0	0/0	0/0	0/0	18/9	0/0	
JA1CCX	456	19	8	SOLP-15	1.1	0/0	0/0	0/0	0/0	19/8	0/0	
JM1LAW	420	18	10	SOLP-15	1.3	0/0	0/0	0/0	0/0	18/10	0/0	
JH4PUS	384	16	8	SOHP-15	0.9	0/0	0/0	0/0	0/0	16/8	0/0	
JHØUTC	378	20	7	SOQRP-15	2.9	0/0	0/0	0/0	0/0	20/7	0/0	
JA4ENY	288	16	6	SOLP-15	1.3	0/0	0/0	0/0	0/0	16/6	0/0	
JF1VHO (L)	198	11	6	SOQRP-15	1.0	0/0	0/0	0/0	0/0	11/6	0/0	
JK1XAY (L)	144	9	6	SOLP-15	1.0	0/0	0/0	0/0	0/0	9/6	0/0	
JJØXWS (L)	60	5	4	SOQRP-15	0.8	0/0	0/0	0/0	0/0	5/4	0/0	
JK1BBO	45	5	3	SOLP-15	0.4	0/0	0/0	0/0	0/0	5/3	0/0	
JK1VBA	12	2	2	SOQRP-15	0.0	0/0	0/0	0/0	0/0	2/2	0/0	
7L4MDM	76,284	492	52	SOULP-15	13.8	0/0	0/0	0/0	0/0	492/52	0/0	
JR7IWC	65,415	447	49	SOUHP-15	9.8	0/0	0/0	0/0	0/0	447/49	0/0	
JF9JTS (JAØTEA, op)	34,272	246	48	SOUHP-15	2.8	0/0	0/0	0/0	0/0	246/48	0/0	
JE1CKA	28,518	195	49	SOULP-15	11.0	0/0	0/0	0/0	0/0	195/49	0/0	
JG1GOY (L)	17,892	145	42	SOULP-15	11.8	0/0	0/0	0/0	0/0	145/42	0/0	
JF3NDW	17,670	155	38	SOUHP-15	5.3	0/0	0/0	0/0	0/0	155/38	0/0	
JH6WDG (L)	14,175	140	35	SOUHP-15	5.3	0/0	0/0	0/0	0/0	140/35	0/0	
JA4VNE (L)	7,848	110	24	SOUHP-15	12.9	0/0	0/0	0/0	0/0	110/24	0/0	
JR1LLD (L)	1,776	38	16	SOUQRP-15	4.7	0/0	0/0	0/0	0/0	38/16	0/0	
JJØVNR	91,800	622	50	SOHP-10	8.8	0/0	0/0	0/0	0/0	0/0	622/50	
JH1KRC	57,600	422	48	SOHP-10	8.9	0/0	0/0	0/0	0/0	0/0	422/48	
JM7OLW	44,010	327	45	SOHP-10	4.0	0/0	0/0	0/0	0/0	0/0	327/45	
JA6WFM	29,484	257	39	SOLP-10	9.1	0/0	0/0	0/0	0/0	0/0	257/39	
JR2NTC	26,568	220	41	SOHP-10	5.8	0/0	0/0	0/0	0/0	0/0	220/41	
JJ1FXF	24,282	219	38	SOHP-10	6.9	0/0	0/0	0/0	0/0	0/0	219/38	
JRØBQD	20,265	194	35	SOLP-10	7.4	0/0	0/0	0/0	0/0	0/0	194/35	
JK8PBO	15,402	151	34	SOLP-10	7.3	0/0	0/0	0/0	0/0	0/0	151/34	

JO1RUQ (L)	11,682	122	33	SOLP-10	4.5	0/0	0/0	0/0	0/0	0/0	122/33	
JR2TMB	11,049	128	29	SOLP-10	6.5	0/0	0/0	0/0	0/0	0/0	128/29	
JA1KIH	10,800	122	30	SOHP-10	3.4	0/0	0/0	0/0	0/0	0/0	122/30	
JJ1LNR	6,474	85	26	SOHP-10	3.3	0/0	0/0	0/0	0/0	0/0	85/26	
JK1CNL	5,760	86	24	SOQRP-10	6.9	0/0	0/0	0/0	0/0	0/0	86/24	
JR8QFG (L)	5,100	69	25	SOLP-10	3.8	0/0	0/0	0/0	0/0	0/0	69/25	
JG8TDZ	5,040	70	24	SOHP-10	6.0	0/0	0/0	0/0	0/0	0/0	70/24	
JJ1CBY	4,290	70	22	SOLP-10	3.8	0/0	0/0	0/0	0/0	0/0	70/22	
JA1WTO (L)	3,300	55	20	SOLP-10	4.2	0/0	0/0	0/0	0/0	0/0	55/20	
JF1TEU	3,078	58	18	SOLP-10	4.8	0/0	0/0	0/0	0/0	0/0	58/18	
JG1UKW (L)	3,078	58	18	SOLP-10	5.3	0/0	0/0	0/0	0/0	0/0	58/18	
JH5OJH/5 (L)	2,964	54	19	SOQRP-10	4.1	0/0	0/0	0/0	0/0	0/0	54/19	
JA9FFS	2,295	45	17	SOHP-10	1.8	0/0	0/0	0/0	0/0	0/0	45/17	
JA7QQQ	1,620	43	15	SOLP-10	3.2	0/0	0/0	0/0	0/0	0/0	43/15	
JH1GNU	1,254	38	11	SOLP-10	2.2	0/0	0/0	0/0	0/0	0/0	38/11	
JM1IQX (L)	1,209	31	13	SOLP-10	2.0	0/0	0/0	0/0	0/0	0/0	31/13	
JAØQBY	945	35	9	SOQRP-10	3.1	0/0	0/0	0/0	0/0	0/0	35/9	
JA5KJD/1	810	31	9	SOLP-10	5.3	0/0	0/0	0/0	0/0	0/0	31/9	
JH8CXW (L)	600	25	8	SOLP-10	1.8	0/0	0/0	0/0	0/0	0/0	25/8	
JE1GZB	600	25	8	SOLP-10	1.7	0/0	0/0	0/0	0/0	0/0	25/8	
JS1BXH (L)	405	17	9	SOLP-10	1.2	0/0	0/0	0/0	0/0	0/0	17/9	
JH6JBQ (L)	240	15	8	SOLP-10	1.6	0/0	0/0	0/0	0/0	0/0	15/8	
JR1UJX (L)	231	11	7	SOQRP-10	0.9	0/0	0/0	0/0	0/0	0/0	11/7	
JA5EXN	14,508	156	31	SOULP-10	4.3	0/0	0/0	0/0	0/0	0/0	156/31	
JE2UFF	14,322	156	31	SOULP-10	6.1	0/0	0/0	0/0	0/0	0/0	156/31	
JA1SJV (L)	11,340	106	36	SOUHP-10	4.9	0/0	0/0	0/0	0/0	0/0	106/36	
JA9RPU	9,396	117	27	SOUQRP-10	5.9	0/0	0/0	0/0	0/0	0/0	117/27	
JA1CHY (L)	7,812	95	28	SOULP-10	6.5	0/0	0/0	0/0	0/0	0/0	95/28	
JJ1NIB	5,520	80	23	SOULP-10	4.5	0/0	0/0	0/0	0/0	0/0	80/23	
JJ3KDH (L)	4,851	77	21	SOULP-10	4.3	0/0	0/0	0/0	0/0	0/0	77/21	
JA1AKL	2,907	51	19	SOULP-10	3.3	0/0	0/0	0/0	0/0	0/0	51/19	
Kazakhstan												
UN6LN	10,458	84	42	SOLP	5.4	0/0	0/0	0/0	75/33	8/8	1/1	
UNØL	7,659	70	37	SOHP	1.4	0/0	1/1	0/0	18/18	51/18	0/0	
UN4Q	208,320	504	140	SOULP	19.6	0/0	8/8	54/27	263/54	165/42	14/9	
UP4L (UN7LZ, op)	193,137	550	119	SOUHP	10.0	0/0	0/0	30/22	443/55	68/34	9/8	
UN7QF	9	4	3	SOLP-20	0.3	0/0	0/0	0/0	4/3	0/0	0/0	
UN4PD (L)	5,766	62	31	SOULP-20	5.3	0/0	0/0	0/0	62/31	0/0	0/0	
UN4PG (L)	4,278	47	31	SOUHP-20	6.2	0/0	0/0	0/0	47/31	0/0	0/0	
Kyrgyzstan												
EXØM	243	9	9	SOHP	1.0	0/0	0/0	0/0	6/6	3/3	0/0	
Lebanon												
OD5SB (L)	432	15	12	SOLP	3.3	0/0	0/0	9/6	2/2	1/1	3/3	
Republic of Korea												
DS5DNO	14,157	125	39	SOHP	6.1	0/0	1/1	25/8	14/9	85/21	0/0	
HL2IDT	2,457	43	21	SOLP	3.7	0/0	6/2	11/5	10/6	8/4	8/4	
HL4CEL	828	28	12	SOLP	0.8	0/0	0/0	0/0	13/5	15/7	0/0	
HL3/NZ4E	54	6	3	SOLP	0.7	0/0	0/0	0/0	1/1	5/2	0/0	
DS3EXT	11,970	117	35	SOULP	9.1	0/0	9/4	34/10	19/8	40/8	15/5	

OE1CIW	66,792	244	92	SOLP	18.0	0/0	10/9	109/30	45/17	47/19	33/17	
OE2GEN	39,150	146	90	SOLP	4.4	0/0	0/0	6/6	97/48	43/36	0/0	
OE5CYL (L)	35,784	174	71	SOLP	5.4	0/0	0/0	12/9	13/10	108/35	41/17	
OE1HLB	6,804	55	42	SOLP	5.2	0/0	0/0	12/10	8/7	24/17	11/8	
OE8DDX (Y)	758,685	1,402	185	SOULP	22.9	0/0	213/31	548/49	435/57	206/48	0/0	
OE5TXF (G3TXF, op) (L)	312,228	594	177	SOUHP	16.0	15/11	95/32	120/44	201/47	163/43	0/0	
OE6JOZ	3,024	39	28	SOULP	1.3	0/0	0/0	24/16	0/0	0/0	15/12	
OE3MCS (L)	1,539	27	19	SOULP	2.1	0/0	0/0	0/0	7/7	18/10	2/2	
OE8TIR	3,696	56	22	SOLP-40	2.3	0/0	0/0	56/22	0/0	0/0	0/0	
OE6MMD	19,044	140	46	SOUHP-20	2.3	0/0	0/0	0/0	140/46	0/0	0/0	
OE3JRC (L)	2,952	41	24	SOULP-20	3.2	0/0	0/0	0/0	41/24	0/0	0/0	
OE1OPW	990	22	15	SOUQRP-20	3.2	0/0	0/0	0/0	22/15	0/0	0/0	
OE1XRW (OE1OPW, op)	504	14	12	SOUHP-20	2.2	0/0	0/0	0/0	14/12	0/0	0/0	
OE4A	165,060	923	60	SOHP-15	14.9	0/0	0/0	0/0	0/0	923/60	0/0	
OE2IJL	330	12	11	SOLP-15	1.3	0/0	0/0	0/0	0/0	12/11	0/0	
OE5HIL	3,102	50	22	SOLP-10	3.0	0/0	0/0	0/0	0/0	0/0	50/22	
Azores												
CU2IJ (L)	8,547	87	37	SOQRP	7.7	0/0	0/0	35/17	52/20	0/0	0/0	
Balearic Islands												
EA6NB	225,150	481	158	SOLP	5.7	0/0	69/30	71/30	99/32	115/33	127/33	
EA6SK	93,495	276	115	SOLP	17.8	0/0	0/0	31/20	90/33	88/34	67/28	
EA6ZS	56,154	194	98	SOLP	7.0	0/0	0/0	24/17	57/25	70/30	43/26	
EA6EJ	531,171	937	191	SOUHP	14.5	0/0	35/17	178/38	301/51	270/54	153/31	
EF6B	1,953	31	21	SOUHP	0.9	0/0	0/0	0/0	27/17	4/4	0/0	
EA6/CO8NMN (L)	17,088	183	32	SOLP-10	5.0	0/0	0/0	0/0	0/0	0/0	183/32	
Belarus												
EV1R	200,697	509	133	SOHP	14.7	0/0	0/0	87/31	235/54	187/48	0/0	
EW3LN	52,866	204	89	SOHP	11.7	0/0	26/16	34/15	15/11	92/32	37/15	
EW1KT	21,018	121	62	SOLP	7.6	0/0	5/5	16/12	32/15	62/26	6/4	
EV6Z (L)	13,104	91	48	SOLP	5.7	0/0	0/0	9/7	66/31	16/10	0/0	
EU4E	801,216	1,257	214	SOUHP	32.1	14/9	226/30	231/43	410/56	320/52	56/24	
EU1A	413,316	780	178	SOUHP	12.7	7/7	130/35	318/47	63/33	232/36	30/20	
EU8U	358,848	716	168	SOUHP	16.0	0/0	37/19	88/32	286/53	233/42	72/22	
EW1M	315,495	625	171	SOUHP	13.0	0/0	83/26	56/31	206/47	239/48	41/19	
EW1I	290,850	555	175	SOUHP	9.3	0/0	10/10	86/41	177/52	240/52	42/20	
EW6FL	130,500	379	116	SOUHP	20.7	0/0	33/17	92/28	115/32	139/39	0/0	
EW8DX	110,802	327	118	SOUHP	15.0	0/0	40/18	33/17	112/38	115/36	27/9	
EW4A (L)	29,592	139	72	SOUHP	3.6	0/0	13/11	45/25	3/3	70/26	8/7	
EU3U	27,225	132	75	SOUHP	7.7	0/0	28/15	29/20	37/21	38/19	0/0	
EU1ST (L)	1,020	20	17	SOULP	2.2	0/0	0/0	10/8	10/9	0/0	0/0	
EW2ZC (EU1W, op)	3,660	63	20	SOLP-80	2.3	0/0	63/20	0/0	0/0	0/0	0/0	
EW8G (L)	330	13	10	SOLP-40	1.7	0/0	0/0	13/10	0/0	0/0	0/0	
EU1DX	28,371	197	49	SOHP-20	6.0	0/0	0/0	0/0	197/49	0/0	0/0	
EW1TO (L)	18,792	181	36	SOLP-15	10.4	0/0	0/0	0/0	0/0	181/36	0/0	
EU6AF	1,209	34	13	SOLP-15	1.8	0/0	0/0	0/0	0/0	34/13	0/0	
EU4A	103,113	616	57	SOUHP-15	12.3	0/0	0/0	0/0	0/0	616/57	0/0	
EW1OW	162	9	6	SOUHP-15	0.3	0/0	0/0	0/0	0/0	9/6	0/0	
Belgium												
ON5JT	63,342	208	102	SOQRP	9.1	0/0	39/17	49/27	50/26	50/22	20/10	

ON5GM	53,163	179	99	SOLP	5.8	0/0	0/0	30/22	55/32	55/26	39/19	
ON7ET	42,660	158	90	SOHP	7.1	1/1	27/16	65/26	15/14	15/13	35/20	
ON7IO (L)	9,333	63	51	SOLP	5.0	0/0	0/0	13/12	24/22	13/9	13/8	
OQ5M (ON5ZO, op)	1,948,455	2,306	283	SOUHP	25.8	76/27	324/42	405/50	667/59	504/56	330/49	
OP5T (ON4DS, op)	501,810	791	215	SOUHP	13.8	48/19	29/17	89/41	199/46	289/51	137/41	
ON8GA	286,740	600	162	SOULP	20.7	0/0	118/30	156/35	149/35	107/36	70/26	
ON7KEC (L)	273,564	602	153	SOULP	17.7	0/0	0/0	23/19	241/53	232/50	106/31	
OR5T	205,089	504	137	SOUHP	7.5	0/0	2/2	75/23	202/43	142/43	83/26	
ON4KCY	135,864	340	136	SOUHP	11.1	0/0	3/3	50/23	108/46	146/44	33/20	
OT1V (L)	101,394	268	129	SOULP	10.6	0/0	20/12	75/27	96/42	45/29	32/19	
ON4CAU (L)	89,856	256	117	SOULP	10.5	0/0	0/0	56/29	50/24	87/39	63/25	
ON6FC	78,936	323	88	SOULP	9.5	0/0	0/0	15/12	118/34	190/42	0/0	
ON9TT (L)	75,951	262	97	SOUHP	8.7	0/0	0/0	6/5	118/31	97/38	41/23	
OT5L (ON7WM, op)	66,198	237	118	SOULP	8.1	0/0	16/12	20/17	111/45	63/25	27/19	
ON7XN (L)	46,080	195	80	SOULP	7.1	0/0	0/0	8/7	93/35	75/29	19/9	
ON5XX	18,522	100	63	SOULP	3.0	0/0	0/0	0/0	23/19	53/28	24/16	
ON5ZZ	10,824	88	41	SOULP	1.6	0/0	0/0	0/0	27/15	61/26	0/0	
OQ4U	10,404	69	51	SOUHP	1.3	3/3	8/7	27/25	0/0	31/16	0/0	
ON7HB	8,100	62	45	SOULP	3.8	0/0	0/0	8/7	19/14	14/12	21/12	
ON9PA (L)	147	8	7	SOULP	1.4	0/0	0/0	2/2	3/3	3/2	0/0	
OP3T	3,840	65	20	SOLP-160	6.2	65/20	0/0	0/0	0/0	0/0	0/0	
ON5WL	6,150	86	25	SOHP-80	4.0	0/0	86/25	0/0	0/0	0/0	0/0	
ON4PQ (L)	4,872	58	28	SOLP-40	3.4	0/0	0/0	58/28	0/0	0/0	0/0	
OQØT (ON9EEE, op) (L)	4,680	60	26	SOUQRP-40	2.5	0/0	0/0	60/26	0/0	0/0	0/0	
OQØQ	91,905	566	55	SOHP-15	7.3	0/0	0/0	0/0	0/0	566/55	0/0	
OP7B	70,794	446	54	SOHP-15	8.4	0/0	0/0	0/0	0/0	446/54	0/0	
OR7K	92,400	562	56	SOUHP-15	8.5	0/0	0/0	0/0	0/0	562/56	0/0	
ON6NL	40,068	253	53	SOUQRP-15	12.3	0/0	0/0	0/0	0/0	253/53	0/0	
Bosnia-Herzegovina												
E7DX	3,771,768	4,136	308	SOHP	38.6	129/33	500/48	925/57	943/60	1,012/59	627/51	
E77PY (L)	57,810	206	94	SOLP	12.5	0/0	0/0	66/24	57/26	47/23	36/21	
E71A	19,539	171	39	SOQRP	7.4	0/0	0/0	0/0	0/0	0/0	171/39	
E72U (L)	253,500	500	169	SOUHP	11.8	0/0	49/23	144/42	78/34	170/43	59/27	
E79D	54,510	403	46	SOLP-80	12.4	0/0	403/46	0/0	0/0	0/0	0/0	
E7AA (E7ØY, op)	59,079	435	47	SOLP-40	18.2	0/0	0/0	435/47	0/0	0/0	0/0	
E78A	77,571	510	51	SOUHP-40	16.1	0/0	0/0	510/51	0/0	0/0	0/0	
E74HX	60	5	4	SOUQRP-40	0.4	0/0	0/0	5/4	0/0	0/0	0/0	
E7ØNA	29,664	207	48	SOQRP-15	9.6	0/0	0/0	0/0	0/0	207/48	0/0	
E74A	81,054	482	57	SOUHP-15	7.6	0/0	0/0	0/0	0/0	482/57	0/0	
E73KM	1,440	32	15	SOLP-10	1.8	0/0	0/0	0/0	0/0	0/0	32/15	
Bulgaria												
LZ5Y (LZ1YE, op)	386,937	892	153	SOHP	13.3	0/0	0/0	134/31	340/49	274/42	144/31	
LZ1IQ	70,131	247	97	SOLP	14.9	0/0	0/0	10/7	78/29	101/36	58/25	
LZ1AQ	61,971	277	91	SOHP	10.6	0/0	0/0	12/12	194/44	71/35	0/0	
LZ1IK	26,304	140	64	SOLP	7.8	0/0	0/0	52/23	32/17	56/24	0/0	
LZ7CC	24,021	163	51	SOLP	6.3	0/0	0/0	124/28	32/20	0/0	7/3	
LZ5E	5,040	50	35	SOLP	3.9	0/0	0/0	0/0	15/11	30/21	5/3	
LZ2CH (L)	4,752	48	33	SOLP	3.5	0/0	0/0	0/0	21/13	19/12	8/8	
LZ1QB	4,089	49	29	SOLP	5.2	0/0	0/0	0/0	34/18	15/11	0/0	
LZ1RW	395,472	866	154	SOUHP	17.5	0/0	0/0	203/44	406/56	257/54	0/0	

LZ1BP	394,128	720	184	SOUHP	18.0	0/0	11/9	191/41	209/52	220/51	89/31	
LZ1ZJ	238,119	500	161	SOULP	16.1	0/0	44/21	99/32	217/48	93/36	47/24	
LZ8E (LZ2BE, op)	186,588	444	142	SOUHP	6.2	0/0	0/0	133/33	91/35	152/42	68/32	
LZ1VS (L)	121,701	362	113	SOUHP	10.0	0/0	0/0	0/0	86/35	163/43	113/35	
LZ3ZZ	98,118	422	79	SOUHP	5.7	10/6	173/34	239/39	0/0	0/0	0/0	
LZ1MC	28,860	133	74	SOULP	5.9	0/0	15/10	30/16	24/15	53/25	11/8	
LZ6E	19,800	101	66	SOUQRP	8.1	0/0	10/10	36/24	5/5	17/13	33/14	
LZ2WP	14,952	96	56	SOUHP	4.4	0/0	0/0	6/5	26/20	39/18	25/13	
LZ2JU	7,134	60	41	SOULP	4.8	0/0	0/0	27/17	9/7	18/13	6/4	
LZ6Y	3,696	61	22	SOHP-80	0.7	0/0	61/22	0/0	0/0	0/0	0/0	
LZ9A	44,730	362	42	SOUHP-80	5.0	0/0	362/42	0/0	0/0	0/0	0/0	
LZ3AW (L)	612	17	12	SOUQRP-80	6.0	0/0	17/12	0/0	0/0	0/0	0/0	
LZ1FY (L)	6,399	81	27	SOLP-40	7.5	0/0	0/0	81/27	0/0	0/0	0/0	
LZ5M (LZ5ET, op)	183,372	1,045	59	SOUHP-40	21.0	0/0	0/0	1,045/59	0/0	0/0	0/0	
LZ7X (L)	38,226	287	46	SOULP-40	10.7	0/0	0/0	287/46	0/0	0/0	0/0	
LZ2PS	10,200	100	34	SOULP-40	4.1	0/0	0/0	100/34	0/0	0/0	0/0	
LZ1PM	4,116	49	28	SOUHP-20	1.2	0/0	0/0	0/0	49/28	0/0	0/0	
LZ1ZP	26,325	197	45	SOLP-15	9.4	0/0	0/0	0/0	0/0	197/45	0/0	
LZ2RS	18,648	149	42	SOQRP-15	10.8	0/0	0/0	0/0	0/0	149/42	0/0	
LZ5R (LZ1NK, op)	168,858	964	59	SOUHP-15	15.5	0/0	0/0	0/0	0/0	964/59	0/0	
LZ6K (LZ2PL, op)	104,052	603	58	SOUHP-15	12.7	0/0	0/0	0/0	0/0	603/58	0/0	
LZ2ZG	1,152	24	16	SOULP-15	0.8	0/0	0/0	0/0	0/0	24/16	0/0	
LZ2GS	8,184	92	31	SOLP-10	7.2	0/0	0/0	0/0	0/0	0/0	92/31	
LZ4TX	30,996	257	41	SOULP-10	8.0	0/0	0/0	0/0	0/0	0/0	257/41	
LZ3BB	13,362	134	34	SOUHP-10	3.8	0/0	0/0	0/0	0/0	0/0	134/34	
Crete												
SV9COL	16,770	93	65	SOUHP	5.4	0/0	0/0	18/17	19/12	27/17	29/19	
Croatia												
9A2CT	525,096	972	187	SOHP	18.9	0/0	43/20	92/30	243/47	385/51	209/39	
9A6C	47,040	203	80	SOLP	5.9	0/0	0/0	70/28	46/21	87/31	0/0	
9A3QB	20,088	111	62	SOLP	7.4	0/0	6/5	32/17	21/13	52/27	0/0	
9A2KI (L)	1,680	29	20	SOLP	1.3	0/0	0/0	5/4	0/0	24/16	0/0	
9A3XV	2,125,422	2,449	293	SOUHP	36.0	64/31	202/40	582/52	644/59	673/58	284/53	
9A3YT	778,128	1,132	232	SOUHP	25.2	17/12	152/30	326/50	205/53	325/45	107/42	
9A/W3WWM	255,312	593	144	SOUHP	5.7	0/0	28/18	310/47	75/24	126/30	54/25	
9A3J	144,624	371	131	SOULP	7.3	0/0	1/1	72/27	156/43	126/49	16/11	
9A3SM	125,001	328	129	SOULP	7.6	0/0	0/0	43/28	105/35	125/38	55/28	
9A1DR	94,053	294	107	SOULP	9.5	0/0	0/0	17/14	125/37	115/39	37/17	
9A9O	74,520	219	115	SOULP	9.6	0/0	0/0	12/12	74/39	78/36	55/28	
9A3MA (L)	53,568	147	124	SOULP	3.5	0/0	0/0	20/19	54/41	47/43	26/21	
9A/YL3RZ (Y)	24,522	125	67	SOUHP	1.4	0/0	0/0	0/0	60/30	39/19	26/18	
9A3JH	15,444	159	33	SOUHP-160	9.0	159/33	0/0	0/0	0/0	0/0	0/0	
9A4V (9A2VR, op)	153,780	944	55	SOHP-40	21.5	0/0	0/0	944/55	0/0	0/0	0/0	
9A7V	150,993	889	57	SOUHP-40	13.6	0/0	0/0	889/57	0/0	0/0	0/0	
9A6RT	4,836	63	26	SOLP-20	3.8	0/0	0/0	0/0	63/26	0/0	0/0	
9A5M	205,200	1,149	60	SOUHP-20	24.6	0/0	0/0	0/0	1,149/60	0/0	0/0	
9A3TR	228,960	1,283	60	SOUHP-15	18.0	0/0	0/0	0/0	0/0	1,283/60	0/0	
9A2V	10,176	108	32	SOHP-10	5.2	0/0	0/0	0/0	0/0	0/0	108/32	
9A3TU (L)	6,006	78	26	SOLP-10	4.4	0/0	0/0	0/0	0/0	0/0	78/26	
9A5X	135,261	799	57	SOUHP-10	12.2	0/0	0/0	0/0	0/0	0/0	799/57	

9A1CFR (9A2NO, op)	30,879	224	47	SOUHP-10	5.7	0/0	0/0	0/0	0/0	0/0	224/47	
9A7Y	2,925	39	25	SOUHP-10	2.1	0/0	0/0	0/0	0/0	0/0	39/25	
Czech Republic												
OK7W	3,016,290	3,532	290	SOHP	34.0	110/24	358/41	852/55	678/58	966/60	568/52	
OL7D	955,332	1,358	238	SOHP	34.5	17/12	139/31	435/46	341/56	330/54	96/39	
OK2MBP	268,551	570	159	SOLP	30.7	1/1	40/20	142/32	171/44	155/38	61/24	
OLØA (OK1CZ, op)	233,616	499	157	SOLP	16.5	0/0	51/18	95/31	153/41	135/42	65/25	
OK1OA (L)	214,722	458	158	SOHP	10.0	5/5	35/18	135/36	124/36	96/34	63/29	
OK1MAW	140,481	368	129	SOLP	11.7	0/0	0/0	67/29	134/38	114/39	53/23	
OK1DKR	99,000	272	125	SOLP	16.8	11/10	30/17	62/29	79/35	90/34	0/0	
OK1MDK	60,885	207	99	SOLP	10.4	0/0	26/14	42/26	62/23	30/16	47/20	
OL2A	56,715	202	95	SOLP	8.1	0/0	13/11	24/16	64/25	85/33	16/10	
OK1DEZ	52,644	218	82	SOHP	11.6	0/0	0/0	9/9	125/42	82/30	2/1	
OK2EQ (L)	49,632	179	94	SOHP	4.6	0/0	18/12	36/21	19/16	63/26	43/19	
OK1UKY	36,000	153	80	SOLP	13.0	0/0	18/11	25/20	47/21	63/28	0/0	
OK5SA (L)	33,915	135	85	SOLP	7.9	0/0	0/0	27/21	40/22	38/24	30/18	
OK2BJ	29,400	144	70	SOLP	7.4	0/0	0/0	0/0	39/22	60/29	45/19	
OK2HBR (L)	25,020	142	60	SOLP	8.1	0/0	0/0	1/1	62/24	53/22	26/13	
OK1FCA	22,176	113	66	SOLP	10.0	0/0	0/0	8/8	54/28	33/19	18/11	
OK7TJ	16,686	103	54	SOLP	4.1	0/0	0/0	21/12	55/24	24/16	3/2	
OK1DXW	11,628	81	51	SOLP	4.2	0/0	0/0	0/0	32/20	33/20	16/11	
OK1LO	10,530	82	45	SOLP	4.1	0/0	0/0	0/0	0/0	53/26	29/19	
OK1FHD	9,768	90	37	SOLP	5.1	0/0	0/0	46/19	0/0	44/18	0/0	
OK1TDX	7,752	70	38	SOLP	3.4	0/0	0/0	13/9	32/15	16/9	9/5	
OK2ZLD	7,452	69	36	SOLP	5.9	0/0	0/0	24/13	45/23	0/0	0/0	
OK1FWG	7,140	69	35	SOLP	3.7	0/0	0/0	0/0	4/3	38/19	27/13	
OK8KM	6,804	66	36	SOLP	6.1	0/0	0/0	0/0	23/14	43/22	0/0	
OK8IF (L)	3,045	36	29	SOLP	1.0	0/0	0/0	11/10	19/15	6/4	0/0	
OK1DVA	2,448	37	24	SOLP	4.2	0/0	0/0	4/4	4/4	26/14	3/2	
OK7SE (L)	2,304	32	24	SOLP	1.7	0/0	6/6	21/13	4/4	1/1	0/0	
OK1PFM	1,311	23	19	SOLP	1.2	0/0	0/0	12/10	1/1	10/8	0/0	
OK1DXX	855	20	15	SOLP	1.9	0/0	0/0	18/13	2/2	0/0	0/0	
OK1TVL	720	18	15	SOLP	2.3	0/0	0/0	0/0	10/8	8/7	0/0	
OK2IW (L)	540	15	12	SOLP	1.6	0/0	3/3	0/0	8/7	4/2	0/0	
OLØW	1,299,030	1,644	265	SOUHP	23.4	38/20	147/37	198/44	525/57	510/60	226/47	
OK1PI	1,021,821	1,378	251	SOUHP	24.6	51/20	133/34	199/43	410/56	371/53	214/45	
OK6Y (OK2PTZ, op)	832,830	1,216	230	SOULP	31.6	20/14	122/32	237/42	336/54	355/53	146/35	
OL5W	808,599	1,188	229	SOUHP	14.2	0/0	51/29	114/42	437/57	435/58	151/43	
OK2WY	414,990	807	174	SOULP	22.2	0/0	13/12	79/27	237/46	324/54	154/35	
OK1TD	186,813	408	153	SOULP	11.2	0/0	27/19	7/7	171/48	162/53	41/26	
OK4DZ	132,840	331	135	SOULP	20.7	0/0	28/17	63/27	105/37	98/34	37/20	
OK1VK	118,548	359	111	SOUHP	4.6	0/0	0/0	122/41	155/34	41/19	41/17	
OK2PF	104,052	305	116	SOUHP	7.0	0/0	0/0	16/10	103/38	109/39	77/29	
OL26WRTC (OL5Y, op)	89,496	344	88	SOUHP	4.1	0/0	0/0	0/0	157/39	163/38	24/11	
OL1T (OK6DJ, op)	59,592	196	104	SOUHP	2.8	0/0	0/0	48/23	84/39	40/30	24/12	
OK1MZM	59,388	205	98	SOUHP	10.7	0/0	8/7	38/18	53/29	44/20	62/24	
OK3DM	48,888	198	84	SOULP	7.3	0/0	0/0	4/4	66/32	108/38	20/10	
OK2PWX	30,870	159	70	SOULP	9.3	0/0	0/0	69/24	71/32	17/12	2/2	
OK2BLD (L)	27,135	136	67	SOULP	7.5	0/0	14/9	21/14	81/28	13/9	7/7	
OK1EA	12,528	87	58	SOUHP	6.8	0/0	0/0	7/5	28/21	39/24	13/8	

OK1FU	12,240	83	51	SOUHP	5.9	0/0	0/0	9/8	33/19	41/24	0/0	
OK2FQZ (L)	1,500	25	20	SOUHP	2.8	0/0	0/0	0/0	5/5	20/15	0/0	
OK1CF	13,857	152	31	SOUHP-160	11.2	152/31	0/0	0/0	0/0	0/0	0/0	
OK2BPU (L)	1,581	31	17	SOUHP-160	5.1	31/17	0/0	0/0	0/0	0/0	0/0	
OK5WA	420	14	10	SOUHP-160	1.2	14/10	0/0	0/0	0/0	0/0	0/0	
OK1Z	178,176	1,033	58	SOUHP-40	21.7	0/0	0/0	1,033/58	0/0	0/0	0/0	
OL5Y	77,850	527	50	SOULP-40	15.9	0/0	0/0	527/50	0/0	0/0	0/0	
OL7P	34,224	252	46	SOUHP-40	3.8	0/0	0/0	252/46	0/0	0/0	0/0	
OK2GG (L)	17,928	168	36	SOUHP-40	8.2	0/0	0/0	168/36	0/0	0/0	0/0	
OK1SI	7,917	92	29	SOULP-40	4.1	0/0	0/0	92/29	0/0	0/0	0/0	
OK1FMX	116,964	709	57	SOHP-20	15.9	0/0	0/0	0/0	709/57	0/0	0/0	
OK1XC	28,224	198	49	SOHP-20	6.4	0/0	0/0	0/0	198/49	0/0	0/0	
OK1FUK	897	24	13	SOLP-20	1.1	0/0	0/0	0/0	24/13	0/0	0/0	
OK5TA	61,545	383	55	SOUHP-20	14.6	0/0	0/0	0/0	383/55	0/0	0/0	
OK2VWB	12,654	111	38	SOQRP-15	6.8	0/0	0/0	0/0	0/0	111/38	0/0	
OK1LV (L)	9,030	89	35	SOLP-15	6.1	0/0	0/0	0/0	0/0	89/35	0/0	
OK1AUO	6,831	70	33	SOLP-15	2.8	0/0	0/0	0/0	0/0	70/33	0/0	
OK1GK	189,360	1,063	60	SOUHP-15	17.7	0/0	0/0	0/0	0/0	1,063/60	0/0	
OL6B (OK6AB, op) (L)	15,480	130	40	SOULP-15	9.0	0/0	0/0	0/0	0/0	130/40	0/0	
OK2PWR	14,541	132	37	SOHP-10	5.5	0/0	0/0	0/0	0/0	0/0	132/37	
OK6OK	6,318	80	27	SOQRP-10	5.8	0/0	0/0	0/0	0/0	0/0	80/27	
OK2BXW	5,964	73	28	SOLP-10	2.4	0/0	0/0	0/0	0/0	0/0	73/28	
OK1AGE (L)	4,956	64	28	SOLP-10	3.4	0/0	0/0	0/0	0/0	0/0	64/28	
OL9Z	66,420	416	54	SOUHP-10	5.7	0/0	0/0	0/0	0/0	0/0	416/54	
OK1DO	11,700	130	30	SOUHP-10	2.4	0/0	0/0	0/0	0/0	0/0	130/30	
OK1TA	10,290	99	35	SOULP-10	3.7	0/0	0/0	0/0	0/0	0/0	99/35	
Denmark												
OU3A (OZ5UR, op)	18,816	99	64	SOLP	5.3	0/0	3/3	11/11	56/31	29/19	0/0	
OZ1D	6	2	2	SOLP	0.2	0/0	0/0	0/0	1/1	1/1	0/0	
OZ4VW	72,150	186	130	SOUHP	6.8	0/0	0/0	37/24	46/34	60/44	43/28	
OZ8SW	68,913	248	93	SOUHP	6.3	0/0	0/0	0/0	124/39	84/35	40/19	
OZ1IKU (L)	12,792	85	52	SOULP	4.6	0/0	0/0	0/0	30/19	22/16	33/17	
OZ2TF (L)	9,504	72	44	SOULP	5.7	0/0	0/0	0/0	33/19	22/16	17/9	
OZ1AAR (L)	7,446	75	34	SOULP	3.6	0/0	0/0	12/11	63/23	0/0	0/0	
OZ7BG	147	8	7	SOUHP	0.3	0/0	0/0	0/0	0/0	0/0	8/7	
OZ4MM	4,830	73	23	SOUHP-160	4.0	73/23	0/0	0/0	0/0	0/0	0/0	
OZ7BQ (L)	7,821	79	33	SOLP-20	5.3	0/0	0/0	0/0	79/33	0/0	0/0	
OZ1ADL	32,076	204	54	SOULP-20	5.5	0/0	0/0	0/0	204/54	0/0	0/0	
OU2V (L)	2,520	42	21	SOUQRP-20	4.2	0/0	0/0	0/0	42/21	0/0	0/0	
OZ5E (DF5RF, op)	57,450	388	50	SOLP-15	13.3	0/0	0/0	0/0	0/0	388/50	0/0	
OZ1DTF (L)	870	29	10	SOLP-10	2.0	0/0	0/0	0/0	0/0	0/0	29/10	
England												
G6P (G4FAL, op)	2,346,948	2,828	279	SOHP	28.5	89/27	326/42	585/48	595/56	743/54	490/52	
GX7C (G4MKP, op)	1,638,144	2,161	256	SOHP	29.0	70/21	179/34	436/43	563/54	535/55	378/49	
G4BUO (L)	1,272,297	1,732	247	SOHP	27.6	60/18	206/36	224/43	432/52	450/52	360/46	
M7Z (G4BWP, op)	472,023	901	179	SOHP	7.4	0/0	50/20	151/29	201/45	303/42	196/43	
G3RWF	356,208	738	164	SOHP	16.8	0/0	56/21	71/33	245/49	168/28	198/33	
G4SGI	100,737	274	123	SOHP	9.0	0/0	12/9	33/24	60/28	99/36	70/26	
G4DDL (L)	77,592	245	106	SOLP	9.1	0/0	28/16	20/12	78/27	75/28	44/23	
2EØCVN	65,856	228	98	SOLP	10.4	0/0	0/0	42/23	78/23	77/36	31/16	

M1GEO (L)	38,982	146	89	SOLP	7.2	0/0	18/14	55/26	42/25	29/22	2/2	
G3YMC	34,992	147	81	SOQRP	9.6	0/0	3/3	27/20	23/15	49/22	45/21	
G6AD	24,765	131	65	SOHP	4.8	0/0	0/0	8/6	29/16	67/27	27/16	
G4HZV (L)	19,176	94	68	SOHP	4.3	0/0	0/0	1/1	9/9	33/29	51/29	
G4AHN (L)	18,966	112	58	SOLP	8.5	0/0	0/0	3/3	2/2	58/29	49/24	
G5END	16,068	105	52	SOLP	7.4	0/0	0/0	24/16	71/27	10/9	0/0	
MØKKB (L)	15,066	99	54	SOLP	5.5	0/0	0/0	8/8	22/15	65/27	4/4	
G3SWC	8,610	70	41	SOHP	1.9	0/0	10/7	35/18	0/0	25/16	0/0	
G1SCT	7,680	64	40	SOHP	2.7	0/0	0/0	5/5	39/21	20/14	0/0	
M9M (L)	6,222	66	34	SOLP	6.1	0/0	3/3	52/22	11/9	0/0	0/0	
GØAZH (L)	3,276	43	26	SOHP	3.3	0/0	0/0	0/0	0/0	28/16	15/10	
M7TEI	3,225	45	25	SOLP	6.3	0/0	0/0	37/20	8/5	0/0	0/0	
MØNJW (L)	1,083	19	19	SOLP	1.6	0/0	0/0	7/7	9/9	3/3	0/0	
GØJOS (L)	1,035	23	15	SOLP	1.5	0/0	0/0	0/0	0/0	13/9	10/6	
G5W	2,816,754	3,132	302	SOUHP	36.3	111/30	376/42	618/54	766/61	813/60	448/55	
G3P (G3WPH, op) (L)	1,547,232	1,828	284	SOUHP	35.3	63/28	195/39	435/51	486/58	392/56	257/52	
G4AMT	1,073,160	1,362	264	SOUHP	20.8	47/22	219/40	223/46	368/54	384/58	121/44	
M2A (G3ORY, op)	671,424	1,089	208	SOUHP	18.3	0/0	24/15	110/34	355/56	426/55	174/48	
G4R (GØMFR, op)	502,560	1,056	160	SOUHP	15.6	0/0	0/0	49/21	362/47	460/52	185/40	
G4IRN	434,778	623	233	SOUHP	10.0	41/21	55/23	80/39	110/51	229/55	108/44	
G3WW (L)	427,176	701	204	SOULP	21.1	10/9	78/28	158/43	199/48	184/46	72/30	
M4N (G4IZZ, op) (L)	327,888	627	176	SOULP	16.9	0/0	2/2	79/36	197/48	220/49	129/41	
M5M (G4BRK, op) (L)	317,112	597	181	SOULP	17.7	0/0	45/20	80/36	208/45	176/44	88/36	
G3RLE (L)	208,608	426	164	SOULP	12.3	0/0	2/2	33/19	146/49	188/54	57/40	
G4PIQ	169,026	406	143	SOUHP	4.6	26/14	84/27	105/32	121/39	70/31	0/0	
MØRYB (L)	138,852	352	133	SOULP	8.0	0/0	24/13	27/19	188/46	79/32	34/23	
G3BOY (GØCKP, op)	108,000	378	96	SOUHP	3.0	0/0	1/1	59/22	112/35	206/38	0/0	
M4F (MØTTQ, op) (L)	91,773	310	99	SOULP	9.5	0/0	0/0	0/0	100/29	144/39	66/31	
G4XEE	90,288	234	144	SOUHP	10.6	1/1	33/23	48/28	59/33	45/28	48/31	
G3ZGC (L)	86,184	230	126	SOULP	10.5	9/8	54/26	46/28	42/25	36/21	43/18	
G4ENZ	76,323	248	103	SOULP	3.4	0/0	0/0	24/20	2/2	75/40	147/41	
M4D (G4ATA, op) (L)	61,692	215	97	SOUHP	11.3	0/0	4/4	38/20	101/42	59/23	13/8	
G4SND	46,725	183	89	SOUHP	5.8	0/0	3/3	19/14	58/29	98/38	5/5	
M1T (MØKYB, op)	38,889	150	87	SOULP	4.1	0/0	0/0	0/0	34/24	57/30	59/33	
G4BFG (L)	23,205	119	65	SOULP	3.2	0/0	0/0	44/22	38/22	35/19	2/2	
GØTZZ (L)	17,523	99	59	SOULP	4.8	0/0	0/0	12/9	30/18	46/23	11/9	
MØTDW	16,968	101	56	SOUHP	3.3	0/0	0/0	0/0	59/30	27/11	15/15	
G8OLA (L)	8,976	71	44	SOUHP	4.0	0/0	0/0	0/0	0/0	25/22	46/22	
MØXAC (L)	7,425	59	45	SOUHP	2.4	0/0	0/0	5/5	7/6	26/19	21/15	
2EØOBO (L)	5,100	50	34	SOULP	1.2	0/0	0/0	0/0	14/10	36/24	0/0	
G4HPY	2,349	29	27	SOULP	3.7	0/0	0/0	0/0	11/10	16/15	2/2	
M7NMP (Y)	972	22	18	SOULP	1.6	0/0	0/0	1/1	8/8	1/1	12/8	
G4ETS	585	17	13	SOULP	0.8	0/0	0/0	1/1	1/1	14/10	1/1	
GØKPE	405	15	9	SOUHP	0.3	0/0	0/0	2/1	13/8	0/0	0/0	
G3NDS (L)	297	15	11	SOUQRP	2.3	0/0	0/0	0/0	1/1	14/10	0/0	
G4DBW (L)	16,380	160	35	SOUHP-40	6.0	0/0	0/0	160/35	0/0	0/0	0/0	
M5P (M5BIR, op)	8,961	104	29	SOUHP-40	6.6	0/0	0/0	104/29	0/0	0/0	0/0	
G7TWC (L)	3	1	1	SOULP-40	0.0	0/0	0/0	1/1	0/0	0/0	0/0	
MØURL	1,392	29	16	SOLP-20	1.0	0/0	0/0	0/0	29/16	0/0	0/0	
MØKNG (L)	48	4	4	SOLP-20	0.1	0/0	0/0	0/0	4/4	0/0	0/0	

G4IYY	140,538	796	59	SOUHP-20	22.5	0/0	0/0	0/0	796/59	0/0	0/0	
G4RQI (L)	15,504	139	38	SOUHP-20	8.3	0/0	0/0	0/0	139/38	0/0	0/0	
G7D (G3XTZ, op) (L)	5,175	70	25	SOULP-20	2.3	0/0	0/0	0/0	70/25	0/0	0/0	
MØHWT	3,276	46	26	SOULP-20	3.1	0/0	0/0	0/0	46/26	0/0	0/0	
MØDHO	213,300	1,204	60	SOHP-15	19.1	0/0	0/0	0/0	0/0	1,204/60	0/0	
G4KNO	118,845	701	57	SOHP-15	15.2	0/0	0/0	0/0	0/0	701/57	0/0	
M7M (MØJWT, op) (L)	40,425	280	49	SOHP-15	13.4	0/0	0/0	0/0	0/0	280/49	0/0	
M3JAN	7,056	87	28	SOLP-15	9.4	0/0	0/0	0/0	0/0	87/28	0/0	
GØUVX	1,980	36	20	SOLP-15	0.9	0/0	0/0	0/0	0/0	36/20	0/0	
M2L	169,920	966	59	SOUHP-15	15.4	0/0	0/0	0/0	0/0	966/59	0/0	
G6AY (L)	71,940	438	55	SOUHP-15	12.4	0/0	0/0	0/0	0/0	438/55	0/0	
G4TDX	60,534	361	57	SOUHP-15	4.0	0/0	0/0	0/0	0/0	361/57	0/0	
G3MXH	37,083	264	47	SOUHP-15	4.8	0/0	0/0	0/0	0/0	264/47	0/0	
M5W (L)	900	23	15	SOUQRP-15	2.6	0/0	0/0	0/0	0/0	23/15	0/0	
G2X	29,700	281	36	SOLP-10	6.3	0/0	0/0	0/0	0/0	0/0	281/36	
M5A (G3WVG, op)	115,581	666	59	SOUHP-10	10.5	0/0	0/0	0/0	0/0	0/0	666/59	
G4ZFE	18,582	164	38	SOUQRP-10	5.3	0/0	0/0	0/0	0/0	0/0	164/38	
MØNDZ	14,274	122	39	SOULP-10	5.4	0/0	0/0	0/0	0/0	0/0	122/39	
G4XZL	4,536	64	24	SOULP-10	3.2	0/0	0/0	0/0	0/0	0/0	64/24	
M3F (L)	1,428	31	17	SOUHP-10	1.7	0/0	0/0	0/0	0/0	0/0	31/17	
Estonia												
ES3RF	4,410	53	30	SOLP	1.6	0/0	0/0	0/0	7/7	46/23	0/0	
ES2JJ (L)	3,402	44	27	SOLP-20	3.8	0/0	0/0	0/0	44/27	0/0	0/0	
ES1CN	4,800	67	25	SOLP-15	2.9	0/0	0/0	0/0	0/0	67/25	0/0	
European Russia												
RM2U (RU3UR, op)	208,962	498	141	SOHP	8.5	0/0	0/0	81/36	198/51	201/45	18/9	
R4GM (L)	162,042	489	113	SOHP	13.2	0/0	0/0	19/13	313/56	146/36	11/8	
UC4L	100,800	313	112	SOHP	9.6	0/0	8/8	47/33	224/52	29/15	5/4	
UA6YH	76,632	254	103	SOLP	15.7	0/0	6/6	42/21	80/34	117/36	9/6	
RA4ACX (L)	43,575	175	83	SOHP	14.1	0/0	11/7	28/17	57/28	74/28	5/3	
R6OD	41,820	175	82	SOLP	10.7	0/0	0/0	24/11	72/34	66/27	13/10	
R7MC	35,568	160	76	SOLP	8.3	0/0	0/0	40/19	58/30	62/27	0/0	
RA7E	35,520	149	80	SOHP	7.3	0/0	22/17	47/22	28/19	52/22	0/0	
R4AY (L)	28,620	159	60	SOHP	7.5	0/0	0/0	0/0	70/30	87/28	2/2	
RX4HJ	28,329	142	71	SOHP	5.8	0/0	0/0	32/20	70/30	40/21	0/0	
UA4FER	21,120	128	55	SOLP	4.0	0/0	0/0	1/1	91/34	34/18	2/2	
R7TW	20,679	115	61	SOHP	2.3	0/0	0/0	21/13	71/33	23/15	0/0	
RU4LM (L)	20,100	103	67	SOLP	2.7	0/0	0/0	0/0	69/42	31/22	3/3	
UA4WW	16,170	119	49	SOHP	7.5	0/0	0/0	0/0	54/27	65/22	0/0	
UA6AK	15,732	122	46	SOHP	6.3	0/0	0/0	72/25	0/0	43/18	7/3	
R6AP	14,946	109	47	SOHP	2.7	0/0	0/0	17/12	4/4	79/28	9/3	
R7AM (L)	14,076	106	46	SOHP	6.0	0/0	0/0	0/0	51/18	28/16	27/12	
RT1L	12,672	89	48	SOHP	3.1	0/0	0/0	0/0	53/28	36/20	0/0	
UA6HFI	10,935	81	45	SOLP	3.2	0/0	0/0	1/1	35/19	16/11	29/14	
RM1F (L)	10,530	78	45	SOLP	5.9	0/0	0/0	7/7	25/19	46/19	0/0	
RK7X	10,200	90	40	SOLP	4.9	0/0	0/0	45/20	0/0	44/19	1/1	
RN3AM	8,775	66	45	SOHP	1.3	0/0	0/0	1/1	30/22	35/22	0/0	
UA1CUR	7,956	69	39	SOLP	4.5	0/0	0/0	13/11	14/12	42/16	0/0	
RC2O (L)	7,884	73	36	SOLP	3.7	0/0	0/0	0/0	23/17	50/19	0/0	
R3LA (L)	7,686	61	42	SOHP	1.6	0/0	0/0	9/8	13/11	39/23	0/0	

RT2X	7,605	66	39	SOLP	4.8	0/0	0/0	0/0	39/23	25/15	2/1	
RA7R	7,380	61	41	SOQRP	2.7	0/0	0/0	0/0	26/18	22/14	13/9	
UA3X (L)	6,120	62	34	SOLP	4.9	0/0	0/0	0/0	24/15	38/19	0/0	
R3OQ	4,995	51	37	SOHP	3.5	0/0	0/0	6/6	24/16	21/15	0/0	
RU4AA (L)	4,368	52	28	SOHP	5.0	0/0	7/7	45/21	0/0	0/0	0/0	
R1CDB	4,002	48	29	SOHP	3.6	0/0	0/0	0/0	20/13	28/16	0/0	
RA5AV	3,612	43	28	SOHP	3.0	0/0	0/0	0/0	28/18	15/10	0/0	
UA3GDU	3,276	40	28	SOQRP	4.9	0/0	0/0	0/0	21/15	19/13	0/0	
R2ZU	3,192	39	28	SOHP	2.6	0/0	0/0	10/8	25/16	4/4	0/0	
R2SR (L)	2,997	38	27	SOLP	2.3	0/0	0/0	0/0	19/12	19/15	0/0	
RC2R (L)	2,346	35	23	SOLP	2.5	0/0	0/0	0/0	18/10	17/13	0/0	
R6ZF	1,716	26	22	SOLP	2.9	0/0	0/0	14/11	2/2	10/9	0/0	
R1TBP	1,560	28	20	SOLP	3.5	0/0	0/0	0/0	13/10	15/10	0/0	
R1QE (L)	1,260	30	15	SOLP	2.6	0/0	0/0	0/0	4/4	26/11	0/0	
RN4SC	702	18	13	SOLP	1.4	0/0	0/0	0/0	7/6	11/7	0/0	
UA3UAD	432	14	12	SOLP	1.2	0/0	0/0	0/0	12/10	2/2	0/0	
RN1AO	264	11	8	SOLP	0.5	0/0	0/0	0/0	4/3	7/5	0/0	
R7FO	168	8	7	SOLP	0.8	0/0	0/0	0/0	1/1	7/6	0/0	
RM2R (L)	144	8	8	SOLP	0.6	0/0	0/0	0/0	6/6	2/2	0/0	
R7TD	126	7	7	SOLP	1.0	0/0	0/0	0/0	2/2	5/5	0/0	
RD6AM (L)	96	8	8	SOHP	1.3	0/0	0/0	0/0	6/6	1/1	1/1	
R3PIQ	36	4	4	SOLP	0.2	0/0	0/0	0/0	2/2	2/2	0/0	
UB3SAR (L)	27	3	3	SOLP	0.3	0/0	0/0	0/0	0/0	3/3	0/0	
RW1A	1,298,814	1,806	242	SOUHP	34.9	3/3	88/30	393/54	634/61	577/59	111/35	
R2QA	838,428	1,308	218	SOUHP	30.8	0/0	132/32	346/47	394/59	345/51	91/29	
RN3QO	828,900	1,245	225	SOUHP	25.9	0/0	73/27	273/52	511/61	319/52	69/33	
R6AF	624,150	956	219	SOUHP	24.6	0/0	67/31	209/48	340/56	255/52	85/32	
RU3A	436,044	722	203	SOUHP	17.9	0/0	58/26	133/44	269/59	220/48	42/26	
RM4F	385,344	677	192	SOUHP	23.8	0/0	59/25	126/42	279/57	167/45	46/23	
UA6LCN	359,550	724	170	SOUHP	26.7	0/0	29/20	211/37	239/53	202/46	43/14	
R1DX	214,812	476	153	SOUHP	14.3	0/0	14/11	123/43	242/56	97/43	0/0	
RV1CC	206,856	509	136	SOUHP	21.7	0/0	15/13	93/39	318/53	83/31	0/0	
RX6LRU	206,415	506	139	SOUHP	21.4	0/0	16/12	99/30	199/50	192/47	0/0	
RW7F (L)	181,332	425	146	SOUHP	7.5	0/0	11/9	62/25	176/48	146/43	30/21	
RL4A	136,800	386	120	SOUHP	11.2	0/0	15/12	6/6	225/55	139/46	1/1	
RY3D	131,733	374	119	SOUHP	12.4	0/0	0/0	72/31	165/46	128/36	9/6	
RD4F	110,208	328	112	SOUHP	10.8	0/0	12/10	24/17	153/48	139/37	0/0	
R3ST	78,672	309	88	SOUHP	12.7	0/0	0/0	2/2	236/52	64/27	7/7	
RT4M	77,430	294	89	SOUHP	6.4	0/0	0/0	13/11	123/41	157/36	1/1	
UA6CC	73,851	243	103	SOUHP	5.5	0/0	13/10	70/22	29/18	71/31	60/22	
RK3TD	63,648	209	102	SOUHP	5.7	0/0	1/1	55/30	78/38	75/33	0/0	
R5DT	63,072	223	96	SOUHP	5.6	0/0	0/0	40/20	63/34	107/35	13/7	
RU3DX	57,780	182	107	SOUHP	6.6	0/0	0/0	60/37	90/45	32/25	0/0	
UA5R	52,884	231	78	SOUHP	8.2	0/0	0/0	4/4	35/22	179/42	13/10	
RA1ZZ/3 (L)	52,272	249	72	SOUHP	6.9	0/0	0/0	0/0	135/42	114/30	0/0	
RU4SO	48,090	232	70	SOULP	9.9	0/0	0/0	0/0	108/38	122/30	2/2	
R4II	47,400	204	79	SOULP	10.0	0/0	6/6	13/12	60/30	125/31	0/0	
RA5W	46,740	190	82	SOULP	6.1	0/0	0/0	0/0	101/40	89/42	0/0	
UA6LCJ	46,413	192	81	SOULP	13.4	0/0	0/0	36/18	53/28	92/30	11/5	
RV6HV (L)	39,858	187	73	SOUHP	7.7	0/0	0/0	37/19	68/25	82/29	0/0	

RA4Y	37,350	155	83	SOUHP	6.6	0/0	0/0	11/10	87/41	57/32	0/0	
UI7D	35,328	184	64	SOUHP	3.1	0/0	0/0	0/0	82/26	101/37	1/1	
UA3LID	33,048	164	68	SOULP	6.7	0/0	3/3	17/13	110/38	34/14	0/0	
RQ4F	32,844	165	68	SOUHP	5.7	0/0	0/0	0/0	93/39	72/29	0/0	
UA3RBR (L)	32,148	191	57	SOULP	4.8	0/0	0/0	0/0	83/29	108/28	0/0	
RN3TT (L)	24,360	140	58	SOUHP	6.3	0/0	0/0	0/0	73/28	64/28	3/2	
UC5D (L)	21,012	106	68	SOULP	3.3	0/0	0/0	4/4	61/37	41/27	0/0	
RN1B	20,460	124	55	SOUHP	3.4	0/0	4/4	2/2	40/24	78/25	0/0	
RC1W (L)	14,382	96	51	SOUHP	3.3	0/0	0/0	17/14	23/15	56/22	0/0	
RL5A	13,770	93	51	SOUHP	2.7	0/0	0/0	0/0	27/15	35/20	31/16	
RD6OK	11,739	93	43	SOULP	4.9	0/0	0/0	0/0	35/21	57/21	1/1	
R4RT	10,764	79	46	SOUHP	3.0	0/0	0/0	4/4	23/19	52/23	0/0	
UD6M	8,658	75	39	SOULP	2.5	0/0	0/0	16/10	7/6	52/23	0/0	
R4BD	8,568	69	42	SOUHP	1.4	0/0	0/0	11/7	21/14	36/20	1/1	
RK2M	8,442	69	42	SOULP	4.5	0/0	0/0	4/4	23/18	42/20	0/0	
R1MJ	7,770	74	35	SOUHP	1.7	0/0	0/0	0/0	68/29	6/6	0/0	
R4KO	7,524	57	44	SOULP	2.8	0/0	1/1	5/5	32/24	19/14	0/0	
RW5CW	6,630	65	34	SOULP	3.2	0/0	0/0	0/0	23/18	42/16	0/0	
RL3T	5,766	62	31	SOUHP	3.0	0/0	0/0	0/0	19/13	43/18	0/0	
RO3ZM (L)	5,760	60	32	SOULP	4.1	0/0	0/0	1/1	15/13	44/18	0/0	
R5BE	5,550	52	37	SOUHP	6.0	1/1	10/8	8/7	26/15	5/5	2/1	
R3ZP	5,130	46	38	SOULP	3.7	0/0	0/0	6/5	25/20	15/13	0/0	
RK3IR (L)	4,320	45	32	SOUHP	3.4	0/0	0/0	0/0	15/14	30/18	0/0	
R7NQ	924	22	14	SOULP	1.2	0/0	0/0	0/0	22/14	0/0	0/0	
UA4LKU	672	16	14	SOULP	1.9	0/0	0/0	0/0	5/5	11/9	0/0	
R3QX (L)	432	18	8	SOULP	0.8	0/0	0/0	0/0	1/1	17/7	0/0	
RW7K	27,861	261	37	SOUHP-80	11.7	0/0	261/37	0/0	0/0	0/0	0/0	
UA9CHL/6 (L)	27	3	3	SOLP-40	0.1	0/0	0/0	3/3	0/0	0/0	0/0	
UI3A	10,476	100	36	SOUHP-40	3.8	0/0	0/0	100/36	0/0	0/0	0/0	
RA5O (L)	6,885	96	27	SOUHP-40	5.7	0/0	0/0	96/27	0/0	0/0	0/0	
R5DF (L)	12	2	2	SOUHP-40	0.2	0/0	0/0	2/2	0/0	0/0	0/0	
R3ZZ	77,256	457	58	SOHP-20	14.7	0/0	0/0	0/0	457/58	0/0	0/0	
R6CC	31,824	211	52	SOLP-20	17.2	0/0	0/0	0/0	211/52	0/0	0/0	
RZ3Z (L)	2,304	34	24	SOLP-20	1.8	0/0	0/0	0/0	34/24	0/0	0/0	
R4WD (L)	2,160	36	20	SOHP-20	1.1	0/0	0/0	0/0	36/20	0/0	0/0	
R4MM (L)	1,710	30	19	SOHP-20	2.6	0/0	0/0	0/0	30/19	0/0	0/0	
RA3VE	48	5	4	SOLP-20	0.5	0/0	0/0	0/0	5/4	0/0	0/0	
RZ1OA	123,480	692	60	SOUHP-20	25.6	0/0	0/0	0/0	692/60	0/0	0/0	
R5AJ	90,402	503	61	SOUHP-20	13.5	0/0	0/0	0/0	503/61	0/0	0/0	
R3EG	60,816	365	56	SOUHP-20	12.0	0/0	0/0	0/0	365/56	0/0	0/0	
RZ4AG	25,920	180	48	SOULP-20	11.7	0/0	0/0	0/0	180/48	0/0	0/0	
RN3BL	23,814	164	49	SOUHP-20	4.0	0/0	0/0	0/0	164/49	0/0	0/0	
R1CAA	15,840	121	44	SOULP-20	4.4	0/0	0/0	0/0	121/44	0/0	0/0	
R1CI	12,543	118	37	SOUHP-20	4.2	0/0	0/0	0/0	118/37	0/0	0/0	
R7TQ (L)	11,988	115	36	SOUHP-20	5.9	0/0	0/0	0/0	115/36	0/0	0/0	
RG2Y	11,931	99	41	SOUHP-20	9.0	0/0	0/0	0/0	99/41	0/0	0/0	
RA1M	7,296	76	32	SOULP-20	2.8	0/0	0/0	0/0	76/32	0/0	0/0	
RT5C (L)	3,078	38	27	SOUHP-20	1.7	0/0	0/0	0/0	38/27	0/0	0/0	
RW1F	882	21	14	SOUHP-20	0.5	0/0	0/0	0/0	21/14	0/0	0/0	
R7KO	216	9	8	SOUQRP-20	0.8	0/0	0/0	0/0	9/8	0/0	0/0	

R1FB	21,771	179	41	SOQRP-15	7.1	0/0	0/0	0/0	0/0	179/41	0/0	
R7HF	9,207	100	31	SOHP-15	5.2	0/0	0/0	0/0	0/0	100/31	0/0	
UF5A	7,680	83	32	SOLP-15	2.3	0/0	0/0	0/0	0/0	83/32	0/0	
UC7N (L)	6,156	78	27	SOQRP-15	4.8	0/0	0/0	0/0	0/0	78/27	0/0	
RK3P (L)	5,964	71	28	SOLP-15	2.8	0/0	0/0	0/0	0/0	71/28	0/0	
RA3BQ	4,392	61	24	SOQRP-15	3.5	0/0	0/0	0/0	0/0	61/24	0/0	
R6NA	2,394	38	21	SOHP-15	0.8	0/0	0/0	0/0	0/0	38/21	0/0	
R4BZ (L)	1,782	33	18	SOHP-15	1.9	0/0	0/0	0/0	0/0	33/18	0/0	
UA3QGT	23,310	187	42	SOUHP-15	6.5	0/0	0/0	0/0	0/0	187/42	0/0	
RD4A	15,225	148	35	SOUHP-15	3.8	0/0	0/0	0/0	0/0	148/35	0/0	
RK3DK	14,430	133	37	SOUHP-15	4.2	0/0	0/0	0/0	0/0	133/37	0/0	
R3LC	13,905	103	45	SOULP-15	5.0	0/0	0/0	0/0	0/0	103/45	0/0	
UA4FCO (L)	10,197	104	33	SOUHP-15	6.6	0/0	0/0	0/0	0/0	104/33	0/0	
UC4P (L)	8,352	97	29	SOUHP-15	4.3	0/0	0/0	0/0	0/0	97/29	0/0	
RT5P	6,300	75	28	SOULP-15	5.9	0/0	0/0	0/0	0/0	75/28	0/0	
RW3DY (L)	5,040	60	28	SOULP-15	2.9	0/0	0/0	0/0	0/0	60/28	0/0	
RL4R (L)	4,779	61	27	SOULP-15	3.8	0/0	0/0	0/0	0/0	61/27	0/0	
RA3FY	4,368	57	26	SOUHP-15	8.5	0/0	0/0	0/0	0/0	57/26	0/0	
RA3TT	2,640	40	22	SOUHP-15	1.6	0/0	0/0	0/0	0/0	40/22	0/0	
R2AOQ	663	17	13	SOUHP-15	1.3	0/0	0/0	0/0	0/0	17/13	0/0	
UB7K	24,960	216	40	SOUHP-10	7.5	0/0	0/0	0/0	0/0	0/0	216/40	
RJ6K	5,700	76	25	SOUHP-10	3.5	0/0	0/0	0/0	0/0	0/0	76/25	
RN6A	2,394	42	19	SOUHP-10	1.7	0/0	0/0	0/0	0/0	0/0	42/19	
Faroe Islands												
OY1CT	205,758	505	138	SOUHP	11.0	0/0	24/14	84/34	282/49	109/36	6/5	
Federal Republic of Germany												
DL8ULF	371,952	744	168	SOLP	26.2	6/5	63/21	60/26	231/44	303/45	81/27	
DK3YD	368,382	693	179	SOLP	21.7	2/2	121/29	71/26	213/50	185/43	101/29	
DK7HA	322,818	626	173	SOQRP	29.2	0/0	32/19	105/33	219/48	200/43	70/30	
DD1LD (L)	216,972	500	147	SOLP	20.2	0/0	20/13	70/25	148/35	200/49	62/25	
DF6PB	194,040	496	132	SOHP	11.8	0/0	6/6	52/24	253/52	157/36	28/14	
DK5SF	193,968	451	144	SOHP	14.1	0/0	15/10	32/18	142/35	120/42	142/39	
DD6CW	123,615	335	123	SOLP	17.8	0/0	0/0	55/30	70/27	140/40	70/26	
DL1RNV	123,000	330	125	SOLP	12.9	0/0	29/14	15/13	41/26	180/47	65/25	
DLØNG (DK8NC, op) (L)	81,774	235	118	SOLP	11.9	14/12	70/25	27/20	29/19	30/18	65/24	
DL9ZP	79,968	273	98	SOLP	15.4	0/0	0/0	52/26	116/32	91/31	14/9	
DL3DRN (L)	78,279	272	97	SOLP	18.6	0/0	0/0	24/17	129/35	99/35	20/10	
DD5KG (L)	77,280	226	115	SOLP	12.1	0/0	12/10	50/29	59/29	64/30	41/17	
DL4DZ	70,470	265	90	SOLP	10.4	0/0	14/11	63/24	93/24	95/31	0/0	
DM2DZM	58,275	192	105	SOQRP	5.4	0/0	30/17	43/26	54/26	47/25	18/11	
DA2K (DL1MJF, op) (L)	55,242	202	99	SOLP	8.1	0/0	9/8	56/26	74/32	36/18	27/15	
DJ7UC (L)	43,758	189	78	SOLP	13.7	0/0	0/0	0/0	49/24	94/33	46/21	
DK8RE	43,521	170	89	SOLP	7.9	0/0	7/6	31/19	49/24	49/24	34/16	
DL7LX	38,958	157	86	SOHP	7.5	0/0	11/10	20/14	55/24	40/22	31/16	
DL3ARK	38,016	147	88	SOHP	6.2	0/0	5/5	32/19	25/15	62/32	23/17	
DJ1OJ (L)	35,280	141	84	SOLP	6.0	0/0	28/14	35/22	27/15	21/17	30/16	
DL6GBM	33,417	144	79	SOLP	7.7	0/0	0/0	28/17	23/17	71/32	22/13	
DM4KM (L)	28,125	129	75	SOLP	14.6	0/0	0/0	22/15	26/17	47/26	34/17	
DL2MDZ	27,132	136	68	SOHP	5.1	0/0	0/0	38/17	6/6	36/23	56/22	
DL7VRG	25,875	129	69	SOLP	7.7	0/0	0/0	21/15	48/25	45/21	15/8	

DF3OL (L)	25,461	123	69	SOLP	8.9	0/0	9/8	24/14	50/21	28/18	12/8	
DL1NKB	25,344	134	64	SOLP	7.4	0/0	0/0	0/0	47/17	45/23	42/24	
DM6WG	24,723	132	67	SOLP	10.8	0/0	7/6	33/20	27/15	60/23	5/3	
DK3AX	24,069	113	71	SOHP	2.6	0/0	0/0	12/10	26/18	55/26	20/17	
DL8ZAJ	22,563	110	69	SOLP	5.7	0/0	4/4	25/17	27/20	28/18	26/10	
DG1YBN	19,200	100	64	SOHP	4.5	0/0	0/0	6/6	25/13	37/26	32/19	
DF1XC (L)	18,762	106	59	SOLP	4.3	0/0	2/2	26/15	56/25	22/17	0/0	
DL1YEG (L)	17,340	85	68	SOLP	7.0	0/0	10/10	28/23	22/13	11/10	14/12	
DL8BEG (L)	16,878	99	58	SOQRP	6.3	0/0	1/1	10/10	30/16	43/23	15/8	
DF8TY (L)	16,800	100	56	SOLP	5.1	0/0	0/0	10/8	39/16	34/21	17/11	
DK1FT	15,960	98	56	SOLP	3.5	0/0	0/0	0/0	17/13	46/24	35/19	
DL8LR	14,685	96	55	SOQRP	5.0	0/0	3/3	9/6	11/9	42/23	31/14	
DL2VER	12,960	96	45	SOLP	5.7	0/0	0/0	1/1	5/5	78/32	12/7	
DF6RI (L)	12,834	93	46	SOLP	3.4	0/0	0/0	11/8	50/20	32/18	0/0	
DL7UKT	9,933	86	43	SOLP	8.6	0/0	0/0	0/0	36/18	43/21	7/4	
DK4HH (L)	9,300	68	50	SOLP	4.2	1/1	3/3	16/12	22/16	7/7	19/11	
DK5JI (L)	9,045	70	45	SOLP	4.6	0/0	0/0	0/0	26/14	28/19	16/12	
DL7YAD	8,946	72	42	SOLP	5.1	0/0	0/0	0/0	45/25	27/17	0/0	
DJ3CS (L)	8,640	64	45	SOLP	4.5	0/0	0/0	17/14	10/8	33/22	4/1	
DJ4KW	7,995	69	41	SOHP	6.0	1/1	4/4	6/5	46/21	12/10	0/0	
DG5CW	7,353	58	43	SOHP	3.2	0/0	16/13	14/11	12/9	13/7	3/3	
DL8UKW	6,786	61	39	SOLP	4.4	0/0	0/0	24/16	0/0	37/23	0/0	
DJØMEK	5,940	66	30	SOHP	3.2	0/0	0/0	0/0	54/23	12/7	0/0	
DL1EAL (L)	5,850	50	39	SOQRP	4.5	0/0	0/0	16/13	5/5	29/21	0/0	
DJ2IA	5,328	50	37	SOLP	2.7	0/0	25/19	18/13	7/5	0/0	0/0	
DL5MY (L)	4,968	49	36	SOLP	3.9	0/0	0/0	6/6	17/12	26/18	0/0	
DF6QE	4,770	53	30	SOLP	5.2	0/0	0/0	0/0	5/4	17/10	31/16	
DL1FMG	4,698	54	29	SOLP	3.1	0/0	0/0	0/0	22/13	32/16	0/0	
DF7XR	3,960	44	30	SOQRP	4.1	0/0	0/0	7/7	0/0	30/17	7/6	
DM7TW (L)	3,240	43	27	SOHP	2.6	0/0	0/0	0/0	21/12	22/15	0/0	
DL5NUA	2,970	33	30	SOLP	4.0	0/0	0/0	4/4	13/10	12/12	4/4	
DK5CF (L)	2,277	33	23	SOQRP	2.4	0/0	0/0	0/0	0/0	20/15	13/8	
DJ7GS	1,767	33	19	SOLP	2.2	0/0	0/0	1/1	18/11	14/7	0/0	
DL7BPM	1,650	26	22	SOLP	2.8	0/0	0/0	0/0	7/7	19/15	0/0	
DM3VPJ	1,620	28	20	SOLP	1.6	0/0	0/0	4/4	13/8	6/6	5/2	
DK9ZE	1,512	25	21	SOLP	2.1	0/0	0/0	0/0	16/14	9/7	0/0	
DJ8UL	1,500	30	20	SOLP	1.5	0/0	0/0	0/0	0/0	23/16	7/4	
DL2DSA	1,173	23	17	SOHP	1.1	1/1	16/11	6/5	0/0	0/0	0/0	
DC6K (DF5BM, op)	882	22	14	SOLP	1.0	0/0	0/0	0/0	17/12	5/2	0/0	
DL8AMB (L)	768	19	16	SOHP	2.7	0/0	0/0	2/2	8/6	3/3	6/5	
DL4LT	468	13	12	SOLP	0.8	0/0	0/0	0/0	0/0	9/8	4/4	
DL1PH (L)	462	15	11	SOLP	2.0	0/0	0/0	0/0	14/10	1/1	0/0	
DK5CM	396	12	11	SOLP	0.6	0/0	0/0	0/0	0/0	2/2	10/9	
DL4HCF	216	9	9	SOHP	0.6	0/0	0/0	6/6	3/3	0/0	0/0	
DL1GWS	189	10	7	SOLP	0.9	0/0	0/0	0/0	0/0	6/4	4/3	
DL8SUB (L)	126	7	6	SOLP	0.4	0/0	0/0	0/0	1/1	6/5	0/0	
DF4WO	90	8	6	SOLP	1.0	0/0	5/5	0/0	0/0	0/0	3/1	
DD1TT	72	6	4	SOQRP	0.9	0/0	0/0	0/0	0/0	5/3	1/1	
DL7TCW	15	5	5	SOLP	1.4	0/0	0/0	2/2	1/1	2/2	0/0	
DD2D (DK8ZB, op)	2,273,274	2,656	289	SOUHP	35.4	64/25	304/42	664/52	693/59	554/59	377/52	

DL3DXX	1,916,055	2,254	285	SOUHP	33.6	69/22	276/43	561/53	570/59	628/58	150/50	
DJØMDR	1,441,335	1,835	265	SOUHP	35.6	69/19	301/40	343/48	487/56	436/56	199/46	
DK8MM	1,317,888	1,686	264	SOUHP	25.7	62/22	197/35	356/51	415/56	445/57	211/43	
DAØBCC	1,302,444	1,608	276	SOUHP	28.8	51/21	268/41	160/49	423/60	500/58	206/47	
DL5JS	991,008	1,347	248	SOUHP	28.2	20/16	107/35	164/43	446/54	470/55	140/45	
DL8UAT	924,717	1,298	241	SOUHP	29.3	7/7	88/31	379/49	303/54	305/52	216/48	
DL6WT	839,595	1,120	251	SOUHP	16.2	47/20	120/34	452/53	217/46	179/51	105/47	
DK5PD	822,240	1,150	240	SOUHP	13.1	18/13	193/37	389/49	229/53	249/50	72/38	
DF8V (DF8VO, op)	807,744	1,236	224	SOUHP	17.3	5/5	66/24	415/46	278/55	386/55	86/39	
DL1NEO	759,000	1,102	230	SOUHP	18.9	0/0	77/32	95/38	374/57	363/56	193/47	
DK1MAX	675,108	991	228	SOUHP	14.8	7/6	30/29	111/44	337/57	344/57	162/35	
DK4WW	675,072	910	256	SOUHP	18.8	50/23	121/33	128/43	274/55	213/56	124/46	
DL1BUG	617,706	844	246	SOUHP	19.2	19/14	101/34	118/43	263/55	220/54	123/46	
DM2M (DK3WE, op)	562,770	855	222	SOUQRP	31.0	8/7	67/27	151/39	253/54	261/55	115/40	
DL6RDR	513,420	801	215	SOULP	23.4	14/13	49/22	116/33	232/53	276/55	114/39	
DL1RTL	509,328	794	216	SOUHP	20.6	20/15	99/29	116/39	275/53	221/47	63/33	
DF8XC	501,840	832	205	SOUHP	17.3	0/0	68/28	130/39	245/51	209/41	180/46	
DR4S (DJ2QV, op) (L)	463,788	995	156	SOULP	18.1	0/0	0/0	0/0	394/55	370/55	231/46	
DJ5AS	443,292	719	212	SOUHP	11.0	5/4	101/30	205/45	130/43	181/50	97/40	
DA1TT	427,614	607	242	SOUHP	13.4	29/22	69/35	83/39	234/56	138/55	54/35	
DA3M (DL3UB, op)	419,220	692	204	SOUHP	10.6	3/3	52/23	120/34	227/50	177/52	113/42	
DL6KVA	408,510	770	178	SOUHP	18.3	0/0	7/5	29/23	307/56	378/57	49/37	
DF6QV	408,240	641	216	SOUHP	15.3	10/8	72/26	110/40	153/49	195/50	101/43	
DM7W (DL8MAS, op)	387,702	725	181	SOULP	13.5	0/0	70/24	66/29	182/41	260/48	147/39	
DL5XJ	376,272	625	201	SOUHP	13.3	3/3	31/22	100/42	247/56	220/55	24/23	
DK6WL	364,200	615	200	SOUHP	8.7	0/0	57/24	126/33	123/52	144/51	165/40	
DL5DTG	356,085	624	193	SOUHP	18.5	0/0	80/26	39/27	168/48	244/52	93/40	
DF4PD	353,520	495	240	SOUHP	17.3	15/12	58/27	119/44	134/56	92/52	77/49	
DL5JQ	338,499	605	189	SOUHP	13.7	0/0	17/12	96/31	238/52	184/50	70/44	
DK1KC	335,097	594	189	SOULP	15.1	8/8	74/29	116/33	206/46	115/40	75/33	
DL7VEE	323,724	511	212	SOUHP	19.3	4/4	53/29	94/40	157/51	138/49	65/39	
DJ5LA	322,623	576	189	SOUHP	12.8	8/7	49/22	101/26	164/50	127/49	127/35	
DK8AX (L)	306,870	532	193	SOUHP	16.7	1/1	64/30	126/39	106/45	166/48	69/30	
DL4YAO	293,700	560	178	SOUHP	18.0	0/0	13/11	107/40	155/48	204/50	81/29	
DD5M (DJØZY, op)	292,134	545	181	SOULP	11.6	13/10	91/31	86/35	201/46	107/38	47/21	
DL1NKS	290,628	611	162	SOUHP	17.3	2/2	26/16	39/23	266/46	195/45	83/30	
DL2CC	289,872	554	176	SOUHP	5.9	0/0	3/3	53/29	244/55	162/50	92/39	
DK3WW (L)	285,228	562	171	SOULP	9.2	0/0	0/0	46/20	143/52	222/54	151/45	
DJ9RR	278,556	562	167	SOUHP	15.7	0/0	3/3	79/33	185/48	170/47	125/36	
DH8VV	278,208	485	192	SOUHP	6.3	1/1	22/20	94/39	168/51	143/50	57/31	
DK1TW	274,344	501	184	SOUHP	24.7	5/5	48/22	102/31	120/44	122/40	104/42	
DL2NBU	253,890	468	182	SOULP	9.4	0/0	19/15	68/26	241/52	80/49	60/40	
DL6NDW (L)	241,113	449	179	SOUHP	12.9	1/1	55/28	108/39	86/38	96/43	103/30	
DK5OS	236,844	467	172	SOULP	17.8	1/1	18/15	102/31	154/42	120/47	72/36	
DL2TT	210,180	588	124	SOUHP	10.1	0/0	0/0	0/0	289/49	223/47	76/28	
DK1FW (L)	200,070	393	171	SOUHP	8.5	3/3	14/9	37/21	124/47	141/51	74/40	
DK8ZZ	193,680	546	120	SOUHP	6.5	0/0	0/0	0/0	142/36	256/48	148/36	
DJ1MM (L)	188,634	426	149	SOULP	21.8	3/3	42/19	132/33	84/32	115/38	50/24	
DJØIF	184,518	406	153	SOUHP	5.4	0/0	0/0	0/0	70/48	259/58	77/47	
DJ9MH	183,150	375	165	SOULP	10.6	1/1	28/14	53/24	90/45	126/47	77/34	

DH8WE (L)	183,060	461	135	SOULP	13.9	0/0	3/3	27/18	156/39	146/40	129/35	
DK7XX	182,646	419	146	SOULP	13.1	2/2	8/7	30/20	154/46	177/44	48/27	
DL1ATZ	176,715	392	153	SOUHP	9.9	0/0	3/3	43/21	149/50	141/46	56/33	
DJ8EW	173,940	449	130	SOUHP	9.4	0/0	0/0	0/0	157/50	238/55	54/25	
DP4X (DJ2MX, op)	170,352	339	168	SOULP	7.3	0/0	5/5	57/29	88/46	85/43	104/45	
DL4YR (L)	166,284	452	124	SOULP	14.3	0/0	0/0	25/14	180/46	170/40	77/24	
DF6LQ (L)	163,584	385	142	SOULP	24.6	0/0	41/17	56/29	93/32	133/40	62/24	
DL1ONI	163,530	399	138	SOULP	10.4	0/0	0/0	37/24	118/39	179/44	65/31	
DK5JM	158,814	353	153	SOUHP	20.1	0/0	45/23	78/32	100/41	69/33	61/24	
DJØYI	155,541	380	139	SOULP	12.7	0/0	0/0	55/32	142/43	139/43	44/21	
DK2OY	154,308	335	154	SOULP	13.3	0/0	61/24	63/30	110/43	70/38	31/19	
DL2OE	149,742	294	177	SOUHP	6.5	9/9	40/25	18/17	106/49	71/46	50/31	
DJ5MW	145,017	396	123	SOUHP	3.5	0/0	0/0	33/25	40/22	156/40	167/36	
DL6JF	143,988	288	169	SOUHP	7.1	0/0	27/20	45/28	42/31	113/48	61/42	
DL6RY	143,451	328	161	SOUHP	7.6	8/7	57/27	75/34	72/33	65/32	51/28	
DK7ZT	136,512	294	158	SOUHP	5.6	10/9	47/22	49/25	54/35	99/47	35/20	
DL1QQ (L)	135,783	322	141	SOULP	9.6	1/1	6/6	74/34	121/37	84/43	36/20	
DL4DAW	132,912	321	142	SOULP	9.4	0/0	15/13	59/29	116/43	103/37	28/20	
DF1DT	128,412	369	116	SOULP	7.1	0/0	4/4	35/15	139/36	117/39	74/22	
DK2LO	126,909	241	177	SOUHP	10.4	0/0	33/19	45/30	81/51	47/45	35/32	
DJ4WT	122,130	300	138	SOULP	13.3	0/0	0/0	37/24	93/40	97/39	73/35	
DQ5T (DL4LAM, op)	121,365	283	145	SOUHP	8.0	0/0	0/0	0/0	86/47	99/54	98/44	
DL9ABM	117,360	328	120	SOUHP	6.8	0/0	21/12	73/24	122/35	87/34	25/15	
DL5RMH (L)	114,840	321	120	SOULP	4.0	0/0	7/6	65/25	100/37	105/36	44/16	
DL7YS	113,250	250	151	SOULP	10.8	14/11	51/25	37/24	74/42	53/33	21/16	
DJ4MX (Y)	106,812	263	138	SOULP	2.7	0/0	21/15	103/27	33/29	73/41	33/26	
DL3YCX	100,080	278	120	SOUHP	6.6	0/0	62/28	125/35	74/40	6/6	11/11	
DF7TV	99,696	269	124	SOUHP	4.4	0/0	0/0	11/11	117/46	109/41	32/26	
DL8WAA (L)	93,312	243	128	SOULP	7.8	0/0	65/30	101/41	31/23	46/34	0/0	
DL5RDP	92,664	238	132	SOULP	9.5	0/0	16/13	53/26	66/42	98/46	5/5	
DL8TG (L)	92,202	243	127	SOULP	4.6	0/0	4/3	37/27	65/32	104/44	33/21	
DM5JBN (L)	90,270	303	102	SOULP	9.9	0/0	0/0	0/0	100/34	149/45	54/23	
DJ5NE (L)	89,157	268	113	SOULP	11.8	0/0	16/10	53/21	62/28	85/32	52/22	
DL2MDU	81,270	260	105	SOUHP	7.2	0/0	0/0	0/0	77/32	108/37	75/36	
DF7TS	69,153	260	89	SOULP	8.9	0/0	0/0	10/9	184/46	54/27	12/7	
DJ5KW	68,085	261	89	SOULP	5.9	0/0	0/0	16/13	114/30	90/30	41/16	
DC8SG (L)	67,362	219	103	SOULP	9.1	0/0	12/9	41/18	100/38	22/16	44/22	
DF7XH	65,688	244	92	SOULP	8.5	0/0	0/0	0/0	88/35	98/35	58/22	
DA1TK (L)	65,508	219	103	SOUHP	9.7	0/0	2/2	21/16	75/27	73/34	48/24	
DJ1XT	64,881	244	89	SOUHP	6.9	0/0	9/8	79/26	107/29	37/20	12/6	
DL6AG	62,985	222	95	SOULP	6.6	0/0	0/0	0/0	113/39	57/31	52/25	
DL9GTB	55,626	147	127	SOUHP	7.5	0/0	23/17	11/9	43/41	40/35	30/25	
DL8OH	54,648	210	88	SOUHP	7.1	12/10	57/33	141/45	0/0	0/0	0/0	
DL8QS	53,700	185	100	SOULP	5.4	0/0	2/2	53/19	50/26	45/31	35/22	
DK5DS	50,172	229	74	SOUHP	8.0	0/0	0/0	0/0	112/36	108/33	9/5	
DL1VDL	48,438	208	78	SOUHP	4.4	0/0	0/0	0/0	25/15	102/36	81/27	
DL1EAR (L)	47,988	173	93	SOULP	9.6	0/0	0/0	21/14	69/29	61/36	22/14	
DA2N (DL8RDL, op)	45,630	198	78	SOUHP	4.3	0/0	15/13	128/28	14/13	37/21	4/3	
DL3ANK	45,144	199	76	SOULP	4.8	0/0	0/0	0/0	0/0	126/37	73/39	
DL4VK	44,550	174	90	SOUHP	3.7	0/0	0/0	0/0	81/43	44/25	49/22	

DL9NDW (L)	43,983	188	81	SOUHP	7.7	0/0	25/14	48/22	87/26	27/18	1/1	
DK2AT	43,068	205	74	SOUHP	8.7	0/0	0/0	4/4	83/25	74/30	44/15	
DK2FG	42,840	168	85	SOULP	4.1	0/0	60/29	74/36	34/20	0/0	0/0	
DHØGHU (L)	41,820	172	82	SOULP	5.2	0/0	0/0	13/12	85/34	62/30	12/6	
DL1ABR (L)	38,880	166	80	SOULP	12.4	0/0	1/1	33/20	70/27	40/21	22/11	
DG9SEH	35,100	158	75	SOUHP	3.7	0/0	0/0	0/0	81/34	62/30	15/11	
DR7B (DL2JRM, op)	34,383	158	73	SOULP	2.6	0/0	19/14	68/23	71/36	0/0	0/0	
DK5TA (L)	33,777	145	81	SOULP	5.3	1/1	10/9	15/11	63/26	43/25	13/9	
DL2RTJ	32,163	152	71	SOUHP	1.4	0/0	0/0	0/0	45/22	24/17	83/32	
DK2ZO (L)	29,952	129	78	SOULP	5.5	0/0	10/9	41/25	35/20	25/13	18/11	
DH1TST	29,862	127	79	SOULP	4.8	0/0	0/0	22/17	28/18	55/27	22/17	
DL6NBS	28,470	148	65	SOULP	4.9	0/0	0/0	0/0	10/8	72/31	66/26	
DL4DRW	27,264	131	71	SOULP	11.7	0/0	3/3	23/13	9/7	66/29	30/19	
DL1GKC (L)	26,715	145	65	SOUHP	6.0	0/0	22/12	48/30	75/23	0/0	0/0	
DKØMM (DJ7IK, op) (L)	26,664	214	44	SOULP	6.8	0/0	0/0	0/0	0/0	0/0	214/44	
DD5VL (L)	26,520	135	68	SOULP	4.7	0/0	0/0	1/1	52/26	67/31	15/10	
DL2XU	26,520	142	68	SOUHP	6.9	0/0	0/0	0/0	43/24	77/34	22/10	
DK2CX	25,515	106	81	SOUHP	1.8	0/0	0/0	0/0	47/34	37/33	22/14	
DHØAAC (L)	23,760	134	60	SOULP	9.4	0/0	1/1	10/10	89/31	34/18	0/0	
DL6DH	23,217	112	71	SOUHP	1.9	0/0	0/0	0/0	0/0	43/32	69/39	
DJ2FR	23,166	120	66	SOULP	4.3	0/0	0/0	17/14	60/28	32/18	11/6	
DF2AJ	21,735	106	69	SOULP	9.1	0/0	8/7	7/7	49/27	19/15	23/13	
DF2RG	20,928	110	64	SOUHP	2.8	0/0	0/0	6/6	22/17	72/34	10/7	
DL6NBC	20,493	100	69	SOULP	5.9	0/0	19/13	22/13	14/10	26/20	19/13	
DM3F (DH5FS, op)	20,313	112	61	SOULP	3.4	0/0	23/12	6/6	45/22	31/18	7/3	
DF5M	19,530	93	70	SOULP	3.2	0/0	21/16	29/21	31/24	12/9	0/0	
DJ7YP	18,180	115	60	SOUHP	7.0	4/4	53/24	58/32	0/0	0/0	0/0	
DR6W (DL6RBH, op)	18,144	100	63	SOUHP	5.0	1/1	28/17	23/16	34/19	14/10	0/0	
DL7LAM	17,934	105	61	SOULP	5.7	0/0	0/0	3/3	46/25	38/21	18/12	
DF2CH	17,856	99	62	SOULP	6.2	0/0	15/11	3/3	23/18	40/19	18/11	
DJ3XM (L)	16,815	95	59	SOULP	4.8	0/0	0/0	1/1	27/17	36/25	31/16	
DP5P (DL1MHJ, op)	16,500	110	50	SOULP	4.2	0/0	0/0	2/2	75/28	30/17	3/3	
DK1AX (L)	14,076	96	51	SOULP	3.5	0/0	0/0	6/5	39/14	34/22	17/10	
DM6DX	13,950	96	50	SOULP	6.1	0/0	7/7	0/0	8/5	81/38	0/0	
DG7RO	13,041	74	63	SOUHP	3.1	0/0	9/9	30/28	26/17	0/0	9/9	
DA1NEN (Y)	12,978	107	42	SOUHP	4.8	0/0	0/0	9/8	98/34	0/0	0/0	
DA6A (DO4OD, op)	12,642	103	43	SOULP	3.5	0/0	12/7	0/0	0/0	76/25	15/11	
DF7C (DF7CB, op)	12,600	105	40	SOULP	2.1	0/0	0/0	2/2	82/25	21/13	0/0	
DM7XX (Y)	11,685	97	41	SOUHP	1.1	0/0	0/0	0/0	87/31	10/10	0/0	
DAØVN (DF8VO, op)	9,324	92	37	SOUHP	0.9	0/0	0/0	62/21	30/16	0/0	0/0	
DB2WD (L)	7,740	60	43	SOULP	1.9	0/0	0/0	0/0	29/15	28/26	3/2	
DL5CL (L)	7,590	57	46	SOULP	1.7	3/3	17/16	37/27	0/0	0/0	0/0	
DR7X (DF3VM, op)	7,569	92	29	SOUHP	1.6	0/0	1/1	91/28	0/0	0/0	0/0	
DR6T (DL3RAR, op)	7,482	58	43	SOULP	2.1	5/4	8/8	13/10	22/13	10/8	0/0	
DM1KM	6,909	52	47	SOUHP	4.4	0/0	5/5	13/11	21/18	6/6	7/7	
DJ4CW	6,552	57	39	SOULP	2.5	0/0	0/0	10/9	40/25	7/5	0/0	
DF7EE (L)	6,192	52	43	SOULP	1.3	0/0	0/0	15/14	29/21	8/8	0/0	
DK9TN (L)	5,148	45	39	SOUQRP	1.2	0/0	0/0	8/8	11/10	24/20	2/1	
DL6ABB	4,692	46	34	SOULP	3.8	0/0	5/5	0/0	22/16	16/12	3/1	
DL3RDM	3,108	37	28	SOULP	1.8	0/0	0/0	15/11	9/9	2/2	11/6	

DMØE (DG1HXJ, op)	2,964	40	26	SOULP	1.4	0/0	0/0	0/0	6/5	15/11	19/10	
DL6YDG (L)	2,736	42	24	SOULP	4.0	0/0	0/0	23/15	19/9	0/0	0/0	
DA3T (DL8DXL, op)	2,652	35	26	SOULP	2.2	0/0	0/0	9/7	2/2	17/12	7/5	
DL3DCM (L)	2,304	32	24	SOULP	2.7	0/0	0/0	0/0	19/13	5/4	8/7	
DL7UN (L)	2,262	31	26	SOULP	2.7	0/0	0/0	10/9	0/0	21/17	0/0	
DL1IG (L)	2,208	35	23	SOULP	2.3	0/0	0/0	0/0	17/10	7/4	11/9	
DL6HCC (L)	2,160	30	24	SOUHP	0.5	0/0	0/0	0/0	13/11	17/13	0/0	
DL1SO	1,980	32	22	SOULP	1.1	0/0	0/0	0/0	2/2	30/20	0/0	
DF7RG	405	16	9	SOULP	0.5	0/0	0/0	0/0	0/0	0/0	16/9	
DL1JHR	75	5	5	SOULP	0.0	0/0	0/0	3/3	2/2	0/0	0/0	
DL3IAE	2,280	39	20	SOUHP-160	3.5	39/20	0/0	0/0	0/0	0/0	0/0	
DL4MM	68,256	480	48	SOUHP-80	13.2	0/0	480/48	0/0	0/0	0/0	0/0	
DK2GZ (L)	5,766	64	31	SOULP-80	6.9	0/0	64/31	0/0	0/0	0/0	0/0	
DL2TOS (L)	1,044	29	12	SOULP-80	3.9	0/0	29/12	0/0	0/0	0/0	0/0	
DL2RUG (L)	7,560	84	30	SOLP-40	6.9	0/0	0/0	84/30	0/0	0/0	0/0	
DF9ZV	3,828	59	22	SOHP-40	1.4	0/0	0/0	59/22	0/0	0/0	0/0	
DL1HUH	429	14	11	SOLP-40	0.9	0/0	0/0	14/11	0/0	0/0	0/0	
DHØGDS (L)	168	8	7	SOLP-40	0.8	0/0	0/0	8/7	0/0	0/0	0/0	
DL6RDE	55,008	390	48	SOUHP-40	8.5	0/0	0/0	390/48	0/0	0/0	0/0	
DK5GB	41,814	312	46	SOUHP-40	9.5	0/0	0/0	312/46	0/0	0/0	0/0	
DD1MAT (L)	5,394	67	29	SOULP-40	3.8	0/0	0/0	67/29	0/0	0/0	0/0	
DK6SP	3,450	47	25	SOUHP-40	1.3	0/0	0/0	47/25	0/0	0/0	0/0	
DK7EO	114,342	655	59	SOHP-20	16.7	0/0	0/0	0/0	655/59	0/0	0/0	
DJØSP (L)	12,540	115	38	SOLP-20	2.7	0/0	0/0	0/0	115/38	0/0	0/0	
DL4XU (L)	11,232	106	36	SOLP-20	8.1	0/0	0/0	0/0	106/36	0/0	0/0	
DL3IAS	10,500	102	35	SOQRP-20	9.8	0/0	0/0	0/0	102/35	0/0	0/0	
DLØHTA	4,698	55	29	SOHP-20	3.9	0/0	0/0	0/0	55/29	0/0	0/0	
DF7EM	4,524	58	26	SOLP-20	2.8	0/0	0/0	0/0	58/26	0/0	0/0	
DM5WGL	2,904	46	22	SOLP-20	4.9	0/0	0/0	0/0	46/22	0/0	0/0	
DL1YCF (L)	819	22	13	SOLP-20	0.8	0/0	0/0	0/0	22/13	0/0	0/0	
DJ3GE	396	12	11	SOLP-20	0.7	0/0	0/0	0/0	12/11	0/0	0/0	
DM3AA	297	11	9	SOLP-20	0.3	0/0	0/0	0/0	11/9	0/0	0/0	
DK1CW (L)	189	9	7	SOLP-20	0.3	0/0	0/0	0/0	9/7	0/0	0/0	
DH9NAD/P (L)	48	4	4	SOQRP-20	0.2	0/0	0/0	0/0	4/4	0/0	0/0	
DM5GG	90,480	522	58	SOUHP-20	16.6	0/0	0/0	0/0	522/58	0/0	0/0	
DF7A	66,495	407	55	SOUHP-20	4.4	0/0	0/0	0/0	407/55	0/0	0/0	
DL1ASA	26,400	176	50	SOUHP-20	3.7	0/0	0/0	0/0	176/50	0/0	0/0	
DL5NEN	9,576	92	38	SOUHP-20	1.4	0/0	0/0	0/0	92/38	0/0	0/0	
DL3LJ	2,952	41	24	SOULP-20	2.8	0/0	0/0	0/0	41/24	0/0	0/0	
DL2OBF	147,972	841	59	SOHP-15	12.6	0/0	0/0	0/0	0/0	841/59	0/0	
DL5ME	48,762	307	54	SOHP-15	10.4	0/0	0/0	0/0	0/0	307/54	0/0	
DL2TM	13,224	119	38	SOLP-15	4.1	0/0	0/0	0/0	0/0	119/38	0/0	
DO2MOG (L)	5,460	67	28	SOLP-15	5.6	0/0	0/0	0/0	0/0	67/28	0/0	
DF3SM	3,978	51	26	SOQRP-15	5.5	0/0	0/0	0/0	0/0	51/26	0/0	
DJ1KW	3,306	40	29	SOLP-15	4.2	0/0	0/0	0/0	0/0	40/29	0/0	
DL2LFH (L)	2,100	37	20	SOQRP-15	3.0	0/0	0/0	0/0	0/0	37/20	0/0	
DJ2SX	1,674	32	18	SOLP-15	2.1	0/0	0/0	0/0	0/0	32/18	0/0	
DL4XT (Y)	189	9	7	SOHP-15	0.4	0/0	0/0	0/0	0/0	9/7	0/0	
DJ5KX	75	6	5	SOQRP-15	0.6	0/0	0/0	0/0	0/0	6/5	0/0	
DH8BQA	137,706	783	59	SOUHP-15	14.9	0/0	0/0	0/0	0/0	783/59	0/0	

DL1WA	96,396	564	58	SOUHP-15	8.0	0/0	0/0	0/0	0/0	564/58	0/0	
DL2NBY	54,270	336	54	SOUHP-15	12.5	0/0	0/0	0/0	0/0	336/54	0/0	
DL1DTL (L)	51,675	326	53	SOUHP-15	10.4	0/0	0/0	0/0	0/0	326/53	0/0	
DO2XX	49,296	319	52	SOULP-15	8.8	0/0	0/0	0/0	0/0	319/52	0/0	
DA3A (DK9VS, op)	25,872	179	49	SOULP-15	5.4	0/0	0/0	0/0	0/0	179/49	0/0	
DM5DM (L)	24,705	184	45	SOUHP-15	5.5	0/0	0/0	0/0	0/0	184/45	0/0	
DO6SR	13,794	130	38	SOULP-15	8.1	0/0	0/0	0/0	0/0	130/38	0/0	
DL5KUT	12,870	130	33	SOUHP-15	2.2	0/0	0/0	0/0	0/0	130/33	0/0	
DL2SBY (L)	12,720	108	40	SOULP-15	8.0	0/0	0/0	0/0	0/0	108/40	0/0	
DO2XU (L)	11,655	106	37	SOULP-15	9.1	0/0	0/0	0/0	0/0	106/37	0/0	
DO2MS	1,326	26	17	SOULP-15	2.3	0/0	0/0	0/0	0/0	26/17	0/0	
DL4AC (L)	468	13	12	SOUQRP-15	1.3	0/0	0/0	0/0	0/0	13/12	0/0	
DK5DQ	31,560	267	40	SOLP-10	7.9	0/0	0/0	0/0	0/0	0/0	267/40	
DL4HG	9,216	102	32	SOLP-10	5.6	0/0	0/0	0/0	0/0	0/0	102/32	
DL7ULM	5,508	68	27	SOLP-10	3.1	0/0	0/0	0/0	0/0	0/0	68/27	
DK8EY	4,056	55	26	SOLP-10	2.5	0/0	0/0	0/0	0/0	0/0	55/26	
DL3EAZ	2,142	42	17	SOLP-10	3.5	0/0	0/0	0/0	0/0	0/0	42/17	
DL1TS	18,240	156	40	SOULP-10	5.1	0/0	0/0	0/0	0/0	0/0	156/40	
DJ9AO	17,784	154	39	SOUHP-10	4.9	0/0	0/0	0/0	0/0	0/0	154/39	
DF8AE	17,544	141	43	SOULP-10	4.1	0/0	0/0	0/0	0/0	0/0	141/43	
DL4JU (L)	9,240	89	35	SOULP-10	2.9	0/0	0/0	0/0	0/0	0/0	89/35	
DL6NBB (L)	1,620	37	18	SOULP-10	3.6	0/0	0/0	0/0	0/0	0/0	37/18	
DG3T (DF5RF, op)	1,575	35	15	SOUQRP-10	1.2	0/0	0/0	0/0	0/0	0/0	35/15	
Finland												
OH7K (OH7MA, op)	416,340	795	180	SOHP	30.1	0/0	20/16	135/41	295/51	292/49	53/23	
OH3Z (OH1NX, op)	93,744	259	124	SOHP	8.1	0/0	10/8	46/33	107/40	90/37	6/6	
OH2KI	63,147	219	97	SOHP	9.5	0/0	9/6	31/24	124/37	52/28	3/2	
OH1TS	270	10	9	SOLP	0.6	0/0	0/0	1/1	6/5	3/3	0/0	
OG1F (OH1TM, op)	1,004,493	1,562	217	SOUHP	20.2	0/0	30/14	168/40	490/59	637/57	237/47	
OG6N (OH6NIO, op)	371,904	834	149	SOUHP	21.0	0/0	7/6	40/29	405/56	377/53	5/5	
OG5O	183,480	467	139	SOUHP	20.1	0/0	0/0	85/40	192/52	184/42	6/5	
OH2KW	179,928	487	126	SOUHP	10.3	0/0	4/4	58/31	181/47	244/44	0/0	
OH6OS	142,680	412	116	SOUHP	11.1	0/0	0/0	43/27	120/40	249/49	0/0	
OH2XX	105,651	301	117	SOUHP	5.6	1/1	11/9	71/34	147/43	71/30	0/0	
OH1D	54,924	204	92	SOUHP	3.9	0/0	6/6	22/13	99/35	63/31	14/7	
OH1RX	53,457	175	103	SOUHP	5.3	0/0	6/6	48/28	36/21	76/40	9/8	
OH1NA (L)	7,020	67	36	SOUHP	2.3	0/0	0/0	0/0	16/13	49/21	2/2	
OH8KA (L)	5,301	57	31	SOUHP	2.6	0/0	0/0	0/0	47/24	10/7	0/0	
OH3BCX (OH1ZAA, op)	27	3	3	SOHP-40	0.0	0/0	0/0	3/3	0/0	0/0	0/0	
OG3B	27,360	193	48	SOUHP-40	18.5	0/0	0/0	193/48	0/0	0/0	0/0	
OH3EX	10,413	90	39	SOUHP-40	9.3	0/0	0/0	90/39	0/0	0/0	0/0	
OH8L (OH8LQ, op)	213,480	1,212	60	SOHP-20	33.3	0/0	0/0	0/0	1,212/60	0/0	0/0	
OH5ZA (OH1ZAA, op)	1,170	26	15	SOHP-20	0.7	0/0	0/0	0/0	26/15	0/0	0/0	
OH3HS (L)	990	22	15	SOLP-20	2.2	0/0	0/0	0/0	22/15	0/0	0/0	
OH3N (OH2CIP, op)	480	16	10	SOLP-20	2.0	0/0	0/0	0/0	16/10	0/0	0/0	
OH3KAV	270	11	9	SOULP-20	0.4	0/0	0/0	0/0	11/9	0/0	0/0	
OG6B (OH1ZAA, op)	7,104	75	32	SOHP-15	3.3	0/0	0/0	0/0	0/0	75/32	0/0	
OG9X	157,563	882	61	SOUHP-15	23.6	0/0	0/0	0/0	0/0	882/61	0/0	
OH6AC (OH6CS, op)	4,680	60	26	SOULP-15	2.0	0/0	0/0	0/0	0/0	60/26	0/0	
OH5BE	3,045	35	29	SOUHP-15	1.5	0/0	0/0	0/0	0/0	35/29	0/0	

OH2BBM	600	22	10	SOHP-10	1.7	0/0	0/0	0/0	0/0	0/0	22/10	
OH1QX (OH1ZAA, op)	12	2	2	SOHP-10	0.0	0/0	0/0	0/0	0/0	0/0	2/2	
France												
F5SGI	386,616	737	178	SOLP	23.4	0/0	66/23	122/35	209/44	281/52	59/24	
F6IRF (L)	309,960	622	168	SOLP	17.7	0/0	50/18	148/37	98/34	218/46	108/33	
F5JU (L)	155,844	334	156	SOLP	13.1	0/0	47/23	34/23	100/40	92/42	61/28	
F6HBR (L)	106,812	278	129	SOHP	15.4	0/0	38/24	79/34	65/29	72/28	24/14	
F8GNV (L)	102,120	305	115	SOLP	13.0	0/0	31/14	108/31	40/18	84/33	42/19	
F6IRA	90,450	412	75	SOHP	3.8	0/0	0/0	98/29	314/46	0/0	0/0	
F5OEV	50,568	186	98	SOLP	11.3	0/0	0/0	17/15	76/32	47/28	46/23	
F5PBM	44,640	160	93	SOLP	5.3	0/0	13/11	23/18	50/27	66/31	8/6	
F6JOE	30,810	134	79	SOLP	7.5	0/0	15/10	31/20	13/11	31/18	44/20	
F5IYU	21,780	121	66	SOLP	8.8	0/0	0/0	29/23	24/14	47/21	21/8	
F6BLK (L)	6,720	59	40	SOLP	2.9	0/0	0/0	6/4	10/8	22/14	21/14	
F5MMB	2,886	40	26	SOLP	1.9	0/0	0/0	22/15	11/8	0/0	7/3	
F6CAX (L)	1,656	28	23	SOHP	4.5	0/0	0/0	0/0	8/8	20/15	0/0	
F8FFP	1,470	98	5	SOLP	7.8	0/0	7/1	25/1	41/1	17/1	8/1	
F1VEV	234	13	6	SOLP	1.5	0/0	0/0	0/0	0/0	0/0	13/6	
F4HYY (L)	126	7	7	SOLP	0.6	0/0	0/0	5/5	1/1	0/0	1/1	
F4GFT (L)	12	2	2	SOLP	0.0	0/0	0/0	0/0	1/1	1/1	0/0	
TM2Y (F6BEE, op)	3,030,414	3,254	314	SOUHP	34.3	125/34	264/47	623/53	797/61	870/61	575/58	
F8DGY	685,368	1,013	228	SOUHP	16.2	3/3	35/28	130/43	285/56	368/57	192/41	
F5MQU (L)	318,069	601	177	SOULP	18.5	0/0	26/15	108/36	188/48	197/45	82/33	
F6HKA	161,310	571	95	SOUHP	5.3	0/0	0/0	0/0	16/11	315/48	240/36	
TM2U (F6HDI, op)	102,678	319	109	SOUHP	7.2	4/4	16/9	69/25	133/32	91/35	6/4	
F5OWL	97,125	261	125	SOULP	8.5	0/0	20/11	46/21	94/41	63/34	38/18	
F4IXM	80,640	240	112	SOULP	9.1	0/0	0/0	0/0	104/40	86/44	50/28	
F5PHW	56,145	198	95	SOUHP	3.0	0/0	39/30	30/27	129/38	0/0	0/0	
F1FPL (L)	48,594	186	89	SOULP	7.4	0/0	32/17	47/20	57/26	50/26	0/0	
F5RAB	40,992	125	112	SOULP	6.5	1/1	3/3	23/18	34/33	39/34	25/23	
F4BPO	8,532	85	36	SOUHP	0.8	0/0	0/0	0/0	85/36	0/0	0/0	
F5TY Y (L)	3,276	45	26	SOULP	2.4	0/0	0/0	0/0	0/0	27/16	18/10	
F3WT (L)	1,083	20	19	SOUHP	2.0	2/2	5/5	2/2	11/10	0/0	0/0	
F5MMX (L)	35,466	264	46	SOHP-40	3.5	0/0	0/0	264/46	0/0	0/0	0/0	
TM5EE (F6AGM, op)	187,074	1,110	57	SOUHP-40	20.7	0/0	0/0	1,110/57	0/0	0/0	0/0	
F8AOF (L)	20,769	169	43	SOULP-40	4.2	0/0	0/0	169/43	0/0	0/0	0/0	
TM5C (F5MZN, op)	232,578	1,327	59	SOHP-20	31.3	0/0	0/0	0/0	1,327/59	0/0	0/0	
F4DNW	64,428	418	52	SOUHP-20	5.0	0/0	0/0	0/0	418/52	0/0	0/0	
F5TVL (L)	13,608	113	42	SOULP-20	9.6	0/0	0/0	0/0	113/42	0/0	0/0	
TM4ZZ (F6ARC, op)	206,790	1,143	61	SOHP-15	16.3	0/0	0/0	0/0	0/0	1,143/61	0/0	
F5ICC	37,440	262	48	SOLP-15	8.7	0/0	0/0	0/0	0/0	262/48	0/0	
F6EPO	3,696	60	28	SOQRP-15	6.0	0/0	0/0	0/0	0/0	60/28	0/0	
F6AUS (L)	28,779	185	53	SOUHP-15	5.6	0/0	0/0	0/0	0/0	185/53	0/0	
F5NBX	54,144	391	47	SOUHP-10	3.5	0/0	0/0	0/0	0/0	0/0	391/47	
Greece												
SV1AJO (L)	104,880	307	115	SOLP	15.8	0/0	19/12	45/24	50/23	124/36	69/20	
SV1BJW (L)	81,252	247	111	SOLP	12.1	0/0	10/8	64/26	44/23	58/29	71/25	
SV8DJW	80,136	256	106	SOHP	10.5	0/0	0/0	43/21	51/25	60/30	102/30	
SV1RUX	54,060	213	85	SOHP	9.7	0/0	0/0	0/0	42/16	112/42	59/27	
SV1JFL (L)	50,490	210	85	SOLP	17.9	0/0	0/0	42/23	62/18	71/29	35/15	

SV1IU	26,565	117	77	SOLP	7.0	0/0	0/0	31/22	29/19	40/23	17/13	
SV1CEI (L)	21,708	108	67	SOLP	6.3	0/0	0/0	31/19	23/18	50/26	4/4	
SV1NZB	14,976	99	52	SOLP	11.5	0/0	0/0	9/8	44/20	8/6	38/18	
SV1JG	388,287	663	197	SOUHP	16.2	0/0	56/27	123/36	214/53	219/46	51/35	
SV8OVJ	252,702	620	139	SOUHP	21.5	0/0	57/19	284/42	73/28	135/29	71/21	
SV1PMQ	110,160	316	120	SOUHP	9.0	0/0	0/0	54/27	125/41	79/28	58/24	
SV1AZL (L)	89,358	304	106	SOUHP	15.3	0/0	0/0	72/26	81/30	104/33	47/17	
SV1ABB	76,014	256	103	SOUHP	10.5	0/0	0/0	31/18	115/40	98/38	12/7	
SV8SXV (L)	39,150	147	90	SOULP	9.0	4/4	14/13	44/25	25/19	18/11	42/18	
SV1DAY	29,127	134	73	SOULP	5.4	0/0	0/0	41/23	27/19	64/29	2/2	
SV1AAK	17,160	107	55	SOULP	5.3	0/0	0/0	0/0	43/21	49/24	15/10	
SV8CRL	10,944	79	48	SOULP	7.5	0/0	3/3	14/14	13/8	49/23	0/0	
SV8DAW	6,195	63	35	SOULP	5.6	0/0	0/0	0/0	37/17	26/18	0/0	
SV1DPJ (L)	7,224	86	28	SOUHP-40	2.1	0/0	0/0	86/28	0/0	0/0	0/0	
SV1ME	33,696	236	48	SOLP-20	3.4	0/0	0/0	0/0	236/48	0/0	0/0	
SV4RTG	324	16	9	SOHP-20	2.2	0/0	0/0	0/0	16/9	0/0	0/0	
SV2JAO	33,660	226	51	SOUHP-20	3.5	0/0	0/0	0/0	226/51	0/0	0/0	
SV2AOB	2,244	37	22	SOULP-20	3.4	0/0	0/0	0/0	37/22	0/0	0/0	
SV8IIR	2,550	35	25	SOUHP-15	2.4	0/0	0/0	0/0	0/0	35/25	0/0	
Guernsey												
MU5E (GU4YOX, op)	8,256	88	32	SOUHP-80	1.8	0/0	88/32	0/0	0/0	0/0	0/0	
Hungary												
HA7UI	594,864	993	204	SOLP	23.2	0/0	90/28	197/40	312/53	260/45	134/38	
HA1VQ (L)	165,345	379	151	SOLP	16.8	0/0	60/24	135/35	106/42	65/38	13/12	
HA5BA	115,875	313	125	SOQRP	13.3	0/0	30/17	68/25	56/28	109/33	50/22	
HA6KG	70,446	199	118	SOLP	9.0	0/0	0/0	10/10	68/43	102/46	19/19	
HA1TV (L)	55,965	206	91	SOLP	16.2	0/0	14/10	87/31	30/17	75/33	0/0	
HA1TNX	27,390	167	55	SOLP	5.4	0/0	0/0	0/0	36/20	131/35	0/0	
HA7PO	25,125	130	67	SOLP	3.8	0/0	36/14	23/13	20/16	40/16	11/8	
HA8EN	4,515	44	35	SOLP	3.5	0/0	0/0	0/0	23/18	13/10	8/7	
HG7J	3,552	40	32	SOQRP	3.2	0/0	2/2	6/5	14/11	8/7	10/7	
HG5AVW (L)	624	18	13	SOQRP	1.9	0/0	0/0	0/0	0/0	0/0	18/13	
HA8TA (Y)	1,032,264	1,472	236	SOUHP	30.0	0/0	122/32	387/47	277/54	425/53	261/50	
HG5D (HA8QZ, op)	966,216	1,299	254	SOUHP	23.1	10/10	97/37	225/50	554/58	359/58	54/41	
HA7I	762,804	1,021	252	SOUHP	17.0	27/16	181/35	176/47	265/54	257/55	115/45	
HA7MF	344,772	640	183	SOULP	25.0	1/1	50/23	104/34	241/49	159/45	85/31	
HA6NL	306,720	575	180	SOULP	25.5	8/7	62/23	141/38	145/44	165/43	54/25	
HA4ZS	294,567	592	169	SOULP	25.4	0/0	77/27	108/35	190/46	180/44	37/17	
HA4CW	280,815	492	193	SOUHP	11.2	0/0	20/19	60/33	108/50	254/54	50/37	
HA8WY	267,189	530	169	SOULP	19.0	2/2	66/23	155/39	164/45	78/36	65/24	
HA5UA	230,112	573	136	SOUHP	10.1	0/0	0/0	111/29	265/45	77/34	120/28	
HG6O (HA6OA, op)	202,788	396	172	SOULP	9.0	0/0	14/13	43/28	138/51	141/49	60/31	
HA3OU (L)	159,558	411	131	SOUHP	13.0	0/0	40/20	187/38	87/41	97/32	0/0	
HA5OO	117,174	333	118	SOULP	17.7	0/0	5/4	61/24	78/27	67/29	122/34	
HA3HX (L)	105,270	291	121	SOULP	12.8	0/0	26/14	59/28	57/23	93/31	56/25	
HA3MG	103,668	327	106	SOULP	27.1	0/0	8/7	108/29	82/26	116/34	13/10	
HA3IC	90,624	263	118	SOUHP	13.7	0/0	38/18	68/24	70/31	34/20	53/25	
HA5MIG (L)	81,585	251	111	SOUHP	6.5	0/0	0/0	47/20	80/40	102/40	22/11	
HA1AR (L)	70,914	228	106	SOUHP	8.1	0/0	20/13	59/24	115/42	34/27	0/0	
HG5FA	64,578	239	94	SOULP	13.9	0/0	0/0	76/25	75/27	60/24	28/18	

HA6NN (L)	43,983	198	81	SOULP	7.2	0/0	0/0	29/17	112/38	53/23	4/3	
HA8IH	41,856	225	64	SOULP	8.9	0/0	0/0	0/0	0/0	151/40	74/24	
HA5BMS	30,429	147	69	SOUHP	2.8	5/4	73/29	69/36	0/0	0/0	0/0	
HA8MD	29,172	145	68	SOUHP	3.9	0/0	0/0	0/0	70/31	65/31	10/6	
HA3YE (L)	17,010	113	54	SOULP	4.0	0/0	1/1	14/11	70/25	28/17	0/0	
HA8KIF (L) (Y)	9,936	72	48	SOULP	4.2	0/0	0/0	0/0	61/37	0/0	11/11	
HA1TJ	99,756	660	51	SOUHP-80	16.6	0/0	660/51	0/0	0/0	0/0	0/0	
HA5PP	18,468	173	36	SOULP-80	9.3	0/0	173/36	0/0	0/0	0/0	0/0	
HA7WP (L)	3,180	53	20	SOULP-80	4.6	0/0	53/20	0/0	0/0	0/0	0/0	
HA9RP	15,327	136	39	SOLP-40	6.5	0/0	0/0	136/39	0/0	0/0	0/0	
HA3GC	11,583	123	33	SOLP-40	7.7	0/0	0/0	123/33	0/0	0/0	0/0	
HA3NU	216,720	1,210	60	SOUHP-40	21.1	0/0	0/0	1,210/60	0/0	0/0	0/0	
HA8JV	164,304	989	56	SOUHP-40	26.5	0/0	0/0	989/56	0/0	0/0	0/0	
HA7A	133,719	872	53	SOUHP-40	17.9	0/0	0/0	872/53	0/0	0/0	0/0	
HA8FK	107,559	709	51	SOUHP-40	17.9	0/0	0/0	709/51	0/0	0/0	0/0	
HA2KMR	88,290	553	54	SOUHP-40	12.2	0/0	0/0	553/54	0/0	0/0	0/0	
HA5AX	43,512	300	49	SOULP-40	6.7	0/0	0/0	300/49	0/0	0/0	0/0	
HA8TP	23,328	219	36	SOULP-40	11.0	0/0	0/0	219/36	0/0	0/0	0/0	
HG6C (HA6IAM, op)	13,080	109	40	SOQRP-20	9.3	0/0	0/0	0/0	109/40	0/0	0/0	
HG5E (HA1AH, op)	223,560	1,258	60	SOUHP-20	33.3	0/0	0/0	0/0	1,258/60	0/0	0/0	
HA6ON	11,934	102	39	SOULP-20	3.6	0/0	0/0	0/0	102/39	0/0	0/0	
HA8AR	510	17	10	SOULP-20	0.5	0/0	0/0	0/0	17/10	0/0	0/0	
HA4EL (Y)	432	12	12	SOUHP-20	0.5	0/0	0/0	0/0	12/12	0/0	0/0	
HA9MDN	7,008	76	32	SOLP-15	4.3	0/0	0/0	0/0	0/0	76/32	0/0	
HA8TKS	83,664	498	56	SOULP-15	16.0	0/0	0/0	0/0	0/0	498/56	0/0	
HG1S	65,010	396	55	SOUQRP-15	15.1	0/0	0/0	0/0	0/0	396/55	0/0	
HA9A (HA9AX, op)	56,763	371	53	SOUQRP-15	11.8	0/0	0/0	0/0	0/0	371/53	0/0	
HA5GF (L)	47,736	325	51	SOUHP-15	13.0	0/0	0/0	0/0	0/0	325/51	0/0	
HG5O (HA5OB, op) (L)	22,428	179	42	SOUQRP-15	6.3	0/0	0/0	0/0	0/0	179/42	0/0	
HG2DX	68,085	449	51	SOHP-10	9.8	0/0	0/0	0/0	0/0	0/0	449/51	
HA5E	45,684	328	47	SOULP-10	8.0	0/0	0/0	0/0	0/0	0/0	328/47	
HA3KZ	1,134	30	14	SOUHP-10	0.9	0/0	0/0	0/0	0/0	0/0	30/14	
Iceland												
TF3DC (L)	55,335	221	85	SOULP	6.4	0/0	0/0	1/1	71/37	147/45	2/2	
Ireland												
EI5DI	87,885	317	93	SOLP	3.7	0/0	0/0	1/1	27/18	181/41	108/33	
EI4KX	52,644	214	82	SOLP	12.3	0/0	0/0	3/3	63/20	107/36	41/23	
EI5KG	17,655	113	55	SOHP	2.5	0/0	39/17	28/17	0/0	46/21	0/0	
EI7CC	6,195	59	35	SOLP	2.0	0/0	0/0	0/0	1/1	34/19	24/15	
EI4II	4,959	62	29	SOLP	1.7	0/0	0/0	0/0	34/12	28/17	0/0	
EI6KW (L)	8,775	76	39	SOULP	3.8	0/0	0/0	47/19	26/17	3/3	0/0	
EI8X (EI5KF, op)	152,118	955	54	SOUHP-40	17.3	0/0	0/0	955/54	0/0	0/0	0/0	
EI4HQ (L)	15,048	135	38	SOUHP-40	4.6	0/0	0/0	135/38	0/0	0/0	0/0	
EI2KA	41,028	279	52	SOLP-20	6.4	0/0	0/0	0/0	279/52	0/0	0/0	
EI8GP (L)	21,390	159	46	SOLP-20	7.6	0/0	0/0	0/0	159/46	0/0	0/0	
EI6FR	76,608	454	57	SOUHP-10	8.8	0/0	0/0	0/0	0/0	0/0	454/57	
EI3CTB (L)	144	9	6	SOULP-10	0.3	0/0	0/0	0/0	0/0	0/0	9/6	
Isle of Man												
MDØCCE	37,878	217	59	SOHP	1.6	0/0	0/0	0/0	100/28	117/31	0/0	

GD4EIP (L)	1,320	42	22	SOHP	1.7	0/0	0/0	0/0	10/9	32/13	0/0	
MD2C (MDØCCE, op)	141,417	834	57	SOHP-10	6.9	0/0	0/0	0/0	0/0	0/0	834/57	
Italy												
IK1JJM	483,300	911	179	SOLP	15.3	0/0	11/10	266/40	331/50	185/44	118/35	
IZ6BTN (L)	199,584	400	168	SOLP	14.7	0/0	2/2	87/40	110/41	110/47	91/38	
IK2SND (L)	142,041	426	113	SOHP	7.1	0/0	0/0	18/12	134/37	212/41	62/23	
IZ3DVU	135,360	379	120	SOHP	8.7	0/0	0/0	41/19	168/41	114/34	56/26	
IK2AHB	134,922	400	113	SOHP	7.0	0/0	0/0	0/0	213/44	137/41	50/28	
IK6OIN	134,088	316	151	SOLP	21.9	0/0	47/23	55/31	87/38	85/36	42/23	
IK1RGK	119,232	291	138	SOLP	11.1	0/0	0/0	27/21	109/44	95/44	60/29	
IKØISD	118,038	389	103	SOHP	11.7	0/0	0/0	1/1	150/48	238/54	0/0	
IZ5AHB (L)	71,556	270	89	SOLP	17.8	0/0	0/0	69/23	74/23	107/33	20/10	
IK2SAR	69,984	227	108	SOHP	12.9	0/0	0/0	43/23	73/31	60/29	51/25	
IUØTID	67,116	240	94	SOLP	11.5	0/0	0/0	37/18	91/29	78/29	34/18	
IC8FBU (L)	50,400	220	80	SOLP	10.5	0/0	0/0	53/23	41/17	6/6	120/34	
IK5BDG (L)	32,850	154	75	SOLP	10.4	0/0	0/0	25/15	51/24	51/24	27/12	
IV3ICH	30,825	142	75	SOQRP	15.2	0/0	0/0	49/22	34/19	28/18	31/16	
IU8RIA	24,603	150	59	SOHP	2.4	0/0	0/0	0/0	37/24	113/35	0/0	
IK4ZIF	23,406	96	83	SOLP	3.3	0/0	0/0	14/12	31/25	30/27	21/19	
IK2QIK	19,497	98	67	SOLP	5.5	0/0	23/14	32/20	20/16	23/17	0/0	
IZ1DXS	18,492	94	67	SOLP	2.5	0/0	0/0	22/18	18/16	46/27	8/6	
IZ4OSH (L)	18,048	98	64	SOLP	3.4	0/0	0/0	15/12	37/21	30/19	16/12	
IN3EQZ	18,000	102	60	SOLP	5.2	0/0	0/0	18/13	0/0	62/31	22/16	
IZØFBJ (L)	15,219	91	57	SOLP	6.2	0/0	0/0	1/1	25/17	38/22	27/17	
IK4HPS	14,520	92	55	SOHP	5.8	0/0	0/0	0/0	29/19	31/18	32/18	
IK5AMB	13,350	94	50	SOLP	3.0	0/0	0/0	0/0	52/26	42/24	0/0	
IZ4IRR (L)	12,600	84	50	SOLP	7.6	0/0	0/0	64/34	20/16	0/0	0/0	
IQ4FE (IK4PKK, op)	11,610	95	43	SOHP	3.0	0/0	0/0	47/17	20/12	28/14	0/0	
IK2ULV	11,562	87	47	SOLP	2.7	0/0	0/0	5/4	60/27	22/16	0/0	
IW2MYH	10,731	77	49	SOLP	6.1	0/0	0/0	6/5	11/10	42/24	18/10	
IK2AVH	10,575	78	47	SOHP	1.6	0/0	0/0	2/2	31/15	28/18	17/12	
IK2UJF	10,212	77	46	SOLP	6.3	0/0	0/0	1/1	17/13	50/27	9/5	
IK4WKU	9,711	87	39	SOLP	4.2	0/0	0/0	0/0	0/0	37/18	50/21	
IU5RDA	9,522	82	46	SOLP	5.5	0/0	0/0	13/11	42/15	13/10	14/10	
IZ8RSO (L)	9,120	79	40	SOHP	7.1	0/0	0/0	6/4	27/16	0/0	46/20	
IU6AIG	8,610	71	41	SOLP	6.5	0/0	0/0	0/0	8/7	54/26	9/8	
IZ5BBS	8,256	69	43	SOLP	7.0	0/0	0/0	7/6	14/9	48/28	0/0	
IV3KPO (L)	7,830	61	45	SOLP	8.7	0/0	0/0	16/13	19/12	24/18	2/2	
IW1RBI	6,486	47	46	SOLP	3.0	0/0	0/0	12/12	18/17	17/17	0/0	
IU4CHJ	5,880	53	40	SOLP	4.3	0/0	0/0	27/18	17/15	0/0	9/7	
IZ5LZP	5,328	51	37	SOLP	2.9	0/0	0/0	17/12	19/14	15/11	0/0	
IU3QOA	4,998	51	34	SOLP	3.5	0/0	0/0	2/2	15/9	20/14	14/9	
IW3ILM	4,464	49	31	SOQRP	5.3	0/0	0/0	21/15	25/13	0/0	3/3	
I2XYI	3,534	40	31	SOLP	3.2	0/0	0/0	14/9	5/4	13/10	8/8	
IKØPXD	3,264	39	32	SOLP	6.4	0/0	0/0	7/7	11/9	8/6	13/10	
IU7RBN	3,192	40	28	SOLP	4.0	0/0	2/2	23/13	11/10	0/0	4/3	
IU1QZX	2,880	40	24	SOLP	3.3	0/0	0/0	0/0	0/0	32/18	8/6	
IU3EGK	2,652	38	26	SOLP	3.0	0/0	2/2	26/16	10/8	0/0	0/0	
IU8QHL (L)	2,475	34	25	SOLP	4.0	0/0	0/0	0/0	8/7	19/14	7/4	
IK2AUK	2,349	34	29	SOLP	3.8	0/0	2/2	22/18	0/0	5/5	5/4	

IZ5GRS (L)	2,112	32	22	SOLP	1.8	0/0	0/0	20/14	12/8	0/0	0/0	
IZØEUS	1,680	28	20	SOLP	1.0	0/0	0/0	0/0	0/0	24/18	4/2	
IUØJZI	1,080	23	18	SOLP	3.1	0/0	0/0	0/0	8/7	15/11	0/0	
IV3JIT (L)	864	22	18	SOLP	3.1	0/0	0/0	4/4	3/3	13/9	2/2	
IK2NUX	756	18	14	SOLP	1.4	0/0	0/0	0/0	3/3	14/10	1/1	
IK6EUH	630	16	15	SOLP	2.3	0/0	0/0	3/3	6/5	6/6	1/1	
II3C (IU3UJX, op) (L) (Y)	462	14	11	SOLP	0.8	0/0	0/0	0/0	9/6	5/5	0/0	
IK3MLF	432	13	12	SOLP	1.0	0/0	0/0	10/9	3/3	0/0	0/0	
IKØPHY	300	10	10	SOHP	1.0	0/0	10/10	0/0	0/0	0/0	0/0	
IU8CNE	192	8	8	SOLP	0.6	0/0	0/0	2/2	5/5	0/0	1/1	
II2Q (IK2PFL, op)	4,092,153	4,333	317	SOUHP	39.3	145/35	497/48	870/59	1,112/60	1,084/60	625/55	
IZ3NVR (L)	1,421,550	1,791	270	SOUHP	35.0	30/18	120/38	476/52	451/56	456/57	258/49	
IK1PMR	1,354,560	1,669	272	SOUHP	23.0	24/17	355/46	280/49	399/56	395/58	216/46	
IZ3NYG	1,048,362	1,562	229	SOUHP	30.9	0/0	115/32	478/50	374/53	391/51	204/43	
IK4DCX	1,029,990	1,423	247	SOUHP	29.3	21/11	102/33	311/47	437/56	385/56	167/44	
IO3F	881,712	1,266	234	SOUHP	17.3	11/9	97/31	139/38	422/57	367/55	230/44	
IK6VXO	608,880	1,192	172	SOULP	15.0	0/0	0/0	1/1	483/59	496/59	212/53	
IT9ATF (L)	427,884	793	181	SOULP	20.3	0/0	0/0	134/41	277/53	297/53	85/34	
I2WIJ	417,960	652	215	SOUHP	12.6	32/20	69/30	234/43	200/43	58/43	59/36	
I2SVA	416,178	743	189	SOUHP	14.1	0/0	53/23	45/27	266/50	246/53	133/36	
4U9A (9A3A, op) (L)	396,927	731	183	SOUHP	15.0	16/10	7/5	262/45	278/48	83/43	85/32	
IP4E (IK4ZHH, op)	394,092	812	164	SOUHP	9.7	0/0	0/0	81/31	108/39	368/54	255/40	
IK3ORD	348,450	577	202	SOUHP	10.9	4/4	43/24	55/32	157/48	180/51	138/43	
IZ8FAV	326,688	661	166	SOUHP	15.8	0/0	0/0	245/45	198/46	114/41	104/34	
I3FIY	306,180	643	162	SOUHP	12.3	0/0	14/12	40/25	316/56	228/51	45/18	
IZ8XXE	297,168	607	164	SOUHP	7.6	0/0	0/0	58/24	228/49	220/52	101/39	
IZ4JMA (L)	291,549	620	157	SOULP	15.2	0/0	4/4	130/43	186/41	223/45	77/24	
IW3IFJ (L)	224,784	447	168	SOUHP	14.1	0/0	18/13	73/29	129/44	153/49	74/33	
IV3ZXF	195,696	458	144	SOUHP	8.7	0/0	0/0	12/10	112/42	192/50	142/42	
IT9BGE	161,454	391	142	SOUHP	12.7	0/0	0/0	56/23	108/37	121/45	106/37	
II3O (L)	152,145	351	147	SOUHP	12.0	0/0	51/26	59/32	89/35	90/33	62/21	
IK5MEP	134,922	404	113	SOULP	15.3	0/0	0/0	39/18	119/31	195/43	51/21	
IT9VDQ	133,545	307	145	SOULP	10.3	10/8	60/23	73/33	50/24	53/25	61/32	
IP9R	106,140	311	116	SOUHP	10.6	0/0	11/10	40/22	133/33	99/35	28/16	
IZ4DYX (L)	101,088	318	108	SOULP	11.2	0/0	20/12	89/27	119/34	90/35	0/0	
IK2YGG	81,840	257	110	SOULP	12.4	0/0	0/0	2/2	91/37	59/35	105/36	
IK2QEB	78,507	196	143	SOULP	7.5	0/0	5/5	27/20	48/43	72/44	44/31	
IK2ANI (L)	75,240	212	120	SOUHP	8.0	0/0	50/27	91/38	0/0	36/33	35/22	
IK2SAU	62,694	166	129	SOUHP	7.5	0/0	0/0	0/0	64/41	59/52	43/36	
IU1KGS (L)	61,812	205	102	SOULP	12.4	0/0	0/0	59/31	50/25	77/35	19/11	
IW3SSD (L)	61,632	218	96	SOUHP	6.9	0/0	0/0	79/31	59/32	80/33	0/0	
IZ3XEF	59,328	213	96	SOUHP	7.7	0/0	0/0	68/25	52/26	50/23	43/22	
IK4RVY (L)	58,506	227	98	SOULP	7.9	0/0	0/0	21/18	32/19	147/45	27/16	
IZ2DII	45,276	200	77	SOUHP	2.3	0/0	0/0	0/0	15/11	130/43	55/23	
IZ5NFD	42,960	180	80	SOULP	6.5	0/0	0/0	65/28	66/24	40/21	9/7	
IK3SCB	42,660	159	90	SOULP	4.1	0/0	0/0	30/21	45/23	46/25	38/21	
IK2TDM	42,408	126	114	SOUHP	4.8	0/0	0/0	7/7	32/31	55/47	32/29	
IU3OAR	41,022	164	86	SOULP	6.1	0/0	0/0	12/11	53/28	99/47	0/0	
IZ2WFL	39,093	161	83	SOULP	11.7	0/0	0/0	0/0	54/24	68/40	39/19	
IK4OMU	33,300	150	74	SOULP	4.8	0/0	0/0	0/0	56/31	75/30	19/13	

I2TFJ	33,069	153	73	SOULP	9.9	0/0	0/0	0/0	51/23	69/30	33/20	
IU1TLD	31,872	133	83	SOULP	9.7	0/0	1/1	44/27	56/28	20/15	12/12	
IV3YNB	31,155	157	67	SOUHP	10.0	0/0	0/0	12/8	91/27	42/23	12/9	
IK2GZU	31,020	116	94	SOULP	4.4	0/0	3/3	13/12	23/20	60/44	17/15	
IUØITX (L)	27,675	124	75	SOULP	5.2	0/0	1/1	17/15	21/18	71/33	14/8	
IZ8JFL (L)	26,199	124	71	SOUQRP	3.4	0/0	0/0	56/23	11/11	39/24	18/13	
IK4ZGY (L)	16,863	77	77	SOULP	6.4	0/0	7/7	20/20	17/17	33/33	0/0	
IZ1PMC	16,632	87	66	SOUHP	5.0	0/0	0/0	0/0	9/9	59/40	19/17	
IW5EIJ (L)	13,680	98	48	SOULP	4.3	0/0	0/0	0/0	44/17	24/16	30/15	
IJ3F	12,015	96	45	SOULP	5.9	0/0	0/0	0/0	0/0	30/18	66/27	
IUØPJS (L)	10,584	75	49	SOULP	3.4	0/0	0/0	0/0	21/16	35/23	19/10	
IU5HES (L)	6,042	54	38	SOULP	4.0	0/0	0/0	0/0	38/24	11/10	5/4	
IN3GYK	5,880	49	40	SOULP	2.7	0/0	0/0	5/5	25/19	19/16	0/0	
IU7XWD	5,550	54	37	SOULP	5.6	0/0	3/3	26/18	3/3	1/1	21/12	
I7CSB (L)	2,775	40	25	SOUHP	2.4	0/0	0/0	21/13	5/4	0/0	14/8	
IJ8N (L)	2,754	36	27	SOUHP	1.2	0/0	0/0	6/5	30/22	0/0	0/0	
IT9BOR	108	6	6	SOHP-160	0.2	6/6	0/0	0/0	0/0	0/0	0/0	
IK2CLB	4,221	71	21	SOUHP-160	12.4	71/21	0/0	0/0	0/0	0/0	0/0	
IJ5T (IK5MEL, op) (L)	10,449	134	27	SOLP-80	7.2	0/0	134/27	0/0	0/0	0/0	0/0	
IU4BNS (L)	324	12	9	SOQRP-80	1.0	0/0	12/9	0/0	0/0	0/0	0/0	
IB40 (IU4JNR, op) (L)	22,032	224	34	SOUHP-80	6.0	0/0	224/34	0/0	0/0	0/0	0/0	
IO8T (IC8JOH, op)	159,036	928	58	SOHP-40	19.8	0/0	0/0	928/58	0/0	0/0	0/0	
IJ2T (IZ2EWR, op)	68,808	498	47	SOHP-40	9.0	0/0	0/0	498/47	0/0	0/0	0/0	
IV3EAD (L)	23,862	199	41	SOLP-40	10.1	0/0	0/0	199/41	0/0	0/0	0/0	
IK7FPU (L)	1,125	25	15	SOLP-40	1.0	0/0	0/0	25/15	0/0	0/0	0/0	
IV3IQY	297	11	9	SOLP-40	0.8	0/0	0/0	11/9	0/0	0/0	0/0	
IK6PTH	131,544	801	56	SOULP-40	22.8	0/0	0/0	801/56	0/0	0/0	0/0	
I2IFT (L)	110,982	709	53	SOUHP-40	31.1	0/0	0/0	709/53	0/0	0/0	0/0	
IO5F (IZ5ICH, op)	79,977	529	53	SOUHP-40	20.4	0/0	0/0	529/53	0/0	0/0	0/0	
IT9IQN	37,125	305	45	SOUHP-40	12.6	0/0	0/0	305/45	0/0	0/0	0/0	
IO5T (IK5TBK, op)	11,385	118	33	SOUQRP-40	9.3	0/0	0/0	118/33	0/0	0/0	0/0	
IPØT	1,197	26	19	SOULP-40	1.2	0/0	0/0	26/19	0/0	0/0	0/0	
IK5OJB	20,709	183	39	SOLP-20	10.1	0/0	0/0	0/0	183/39	0/0	0/0	
IT9MRM (L)	12,078	123	33	SOLP-20	6.1	0/0	0/0	0/0	123/33	0/0	0/0	
IK2UEX	10,920	108	35	SOLP-20	3.7	0/0	0/0	0/0	108/35	0/0	0/0	
IK6BAK	10,593	109	33	SOHP-20	1.9	0/0	0/0	0/0	109/33	0/0	0/0	
IK4PLU	4,650	68	25	SOLP-20	10.7	0/0	0/0	0/0	68/25	0/0	0/0	
I5WNN	1,215	34	15	SOLP-20	2.8	0/0	0/0	0/0	34/15	0/0	0/0	
IZ2ABZ	819	21	21	SOLP-20	3.7	0/0	0/0	0/0	21/21	0/0	0/0	
IN3HUU (L)	324	12	9	SOLP-20	0.6	0/0	0/0	0/0	12/9	0/0	0/0	
IO4M (IK4MGP, op)	226,260	1,267	60	SOUHP-20	22.9	0/0	0/0	0/0	1,267/60	0/0	0/0	
IK2YCW	73,776	430	58	SOUHP-20	19.2	0/0	0/0	0/0	430/58	0/0	0/0	
IZ8GUQ	33,264	242	48	SOUHP-20	7.2	0/0	0/0	0/0	242/48	0/0	0/0	
IW1CHX	11,745	94	45	SOULP-20	5.2	0/0	0/0	0/0	94/45	0/0	0/0	
IUØPXN	11,400	99	40	SOULP-20	7.5	0/0	0/0	0/0	99/40	0/0	0/0	
IT9KQU	7,584	80	32	SOUHP-20	2.3	0/0	0/0	0/0	80/32	0/0	0/0	
IK1BPL	33,708	215	53	SOLP-15	8.5	0/0	0/0	0/0	0/0	215/53	0/0	
IZ5FDD	28,014	208	46	SOLP-15	7.5	0/0	0/0	0/0	0/0	208/46	0/0	
IK1RAG	1,254	23	19	SOLP-15	0.5	0/0	0/0	0/0	0/0	23/19	0/0	
IB9R (IT9PPG, op)	156,600	885	60	SOUHP-15	17.5	0/0	0/0	0/0	0/0	885/60	0/0	

IZ5EKV	77,880	445	59	SOUHP-15	5.9	0/0	0/0	0/0	0/0	445/59	0/0	
II2S	61,902	367	57	SOULP-15	12.2	0/0	0/0	0/0	0/0	367/57	0/0	
IT9ESW	29,754	172	58	SOULP-15	3.6	0/0	0/0	0/0	0/0	172/58	0/0	
IKØFUX	12,402	106	39	SOUHP-15	1.9	0/0	0/0	0/0	0/0	106/39	0/0	
IT9GNJ (L)	8,325	77	37	SOUQRP-15	4.3	0/0	0/0	0/0	0/0	77/37	0/0	
IK3JBP	900	20	15	SOUQRP-15	1.1	0/0	0/0	0/0	0/0	20/15	0/0	
I4IKW	90,558	560	54	SOHP-10	9.7	0/0	0/0	0/0	0/0	0/0	560/54	
IO3X (IV3JCC, op)	28,080	244	39	SOLP-10	7.9	0/0	0/0	0/0	0/0	0/0	244/39	
IK4MTF (L)	9,894	100	34	SOLP-10	6.2	0/0	0/0	0/0	0/0	0/0	100/34	
IO9J	3,795	56	23	SOHP-10	13.4	0/0	0/0	0/0	0/0	0/0	56/23	
IZ5HQB (L)	1,224	28	17	SOLP-10	3.3	0/0	0/0	0/0	0/0	0/0	28/17	
IK2AIT (L)	594	19	11	SOLP-10	1.7	0/0	0/0	0/0	0/0	0/0	19/11	
I4JEE (L)	561	17	11	SOLP-10	1.4	0/0	0/0	0/0	0/0	0/0	17/11	
IZ2FDU	92,895	578	55	SOUHP-10	11.0	0/0	0/0	0/0	0/0	0/0	578/55	
IP8Y (IK8PGM, op)	15,750	128	42	SOULP-10	5.2	0/0	0/0	0/0	0/0	0/0	128/42	
IZ4REF	11,988	116	36	SOUHP-10	7.7	0/0	0/0	0/0	0/0	0/0	116/36	
IO9G	11,286	101	38	SOULP-10	9.2	0/0	0/0	0/0	0/0	0/0	101/38	
IU2JWF	7,995	65	41	SOULP-10	7.4	0/0	0/0	0/0	0/0	0/0	65/41	
IO3A (IV3HAX, op)	6,525	76	29	SOUHP-10	1.7	0/0	0/0	0/0	0/0	0/0	76/29	
IZ2BHQ	4,158	42	33	SOULP-10	5.4	0/0	0/0	0/0	0/0	0/0	42/33	
IT9RZU (L)	3,825	53	25	SOULP-10	4.1	0/0	0/0	0/0	0/0	0/0	53/25	
Kaliningrad												
R2FK	674,796	1,077	212	SOUHP	20.6	2/2	60/24	131/43	445/58	322/50	117/35	
RN2F	47,880	173	95	SOULP	17.0	0/0	0/0	41/29	78/35	54/31	0/0	
RN2FQ	2,565	48	19	SOLP-15	3.1	0/0	0/0	0/0	0/0	48/19	0/0	
Latvia												
YL2NK	18,894	100	67	SOLP	4.9	0/0	10/10	30/22	24/16	36/19	0/0	
YL2EA	7,920	67	40	SOHP	3.0	0/0	0/0	14/10	12/10	41/20	0/0	
YL2QD	24	4	4	SOLP	1.0	0/0	0/0	0/0	0/0	4/4	0/0	
YL7X (YL2LY, op)	1,004,715	1,360	249	SOUHP	21.5	20/11	137/33	241/49	396/57	426/58	140/41	
YL2GD	306,900	554	186	SOUHP	8.8	2/2	71/26	127/41	151/48	171/45	32/24	
YL9T (L)	110,250	298	125	SOUHP	6.9	0/0	11/8	22/16	131/51	133/49	1/1	
YL5T	70,983	242	99	SOUHP	2.9	0/0	0/0	9/9	66/32	154/49	13/9	
YL3NU	34,293	163	71	SOUHP	15.3	0/0	5/5	18/15	62/24	78/27	0/0	
YL3FT	36,270	322	39	SOUHP-80	13.1	0/0	322/39	0/0	0/0	0/0	0/0	
YL2LW	5,100	74	25	SOHP-15	4.4	0/0	0/0	0/0	0/0	74/25	0/0	
YL3QT	168	8	7	SOLP-15	1.0	0/0	0/0	0/0	0/0	8/7	0/0	
YL2VW	23,874	173	46	SOUHP-15	5.1	0/0	0/0	0/0	0/0	173/46	0/0	
Liechtenstein												
HBØWR	121,920	328	127	SOULP	14.6	8/7	16/12	39/23	95/30	97/33	73/22	
Lithuania												
LY2YM (L)	7,548	71	37	SOLP	2.9	0/0	0/0	4/4	45/19	22/14	0/0	
LY2XW	563,031	1,011	189	SOUHP	20.7	6/6	59/25	314/49	264/54	367/54	1/1	
LY2K	338,169	685	169	SOUHP	10.7	0/0	49/23	126/37	249/51	243/48	18/10	
LY7T (L)	328,608	662	168	SOUHP	18.5	0/0	56/21	101/37	185/42	299/50	21/18	
LY7K	322,938	705	154	SOULP	19.4	0/0	64/20	58/31	321/53	259/47	3/3	
LY2J	202,860	495	138	SOULP	13.5	0/0	45/22	47/26	230/46	173/44	0/0	
LY6O (L)	186,354	501	126	SOUHP	14.9	0/0	4/4	36/18	281/55	178/47	2/2	
LY2CX	146,910	298	166	SOUHP	7.4	0/0	23/16	74/41	78/49	116/53	7/7	

LY5R	102,960	313	110	SOUHP	5.7	1/1	58/22	92/27	138/46	24/14	0/0	
LY2TS (L)	88,920	290	104	SOULP	12.9	0/0	0/0	51/28	126/40	113/36	0/0	
LY1DZ	79,230	279	95	SOUHP	7.6	0/0	28/17	15/11	83/29	153/38	0/0	
LY3AB (L)	36,267	158	77	SOULP	5.4	0/0	4/4	10/8	85/34	58/30	1/1	
LY3CY	35,070	169	70	SOUHP	7.0	0/0	0/0	24/15	38/20	107/35	0/0	
LY2SA (L)	21,888	115	64	SOULP	3.1	0/0	0/0	6/6	58/33	51/25	0/0	
LY2AX	19,215	108	61	SOUHP	3.7	0/0	0/0	10/8	36/24	42/18	20/11	
LY4BF (L)	7,296	66	38	SOULP	6.6	0/0	0/0	0/0	58/30	8/8	0/0	
LY5DX	5,406	56	34	SOULP	2.7	0/0	0/0	4/4	41/20	11/10	0/0	
LY5W	32,412	297	37	SOUHP-80	12.7	0/0	297/37	0/0	0/0	0/0	0/0	
LY1M	8,217	85	33	SOULP-40	4.9	0/0	0/0	85/33	0/0	0/0	0/0	
LY5I	6,336	67	32	SOULP-40	2.6	0/0	0/0	67/32	0/0	0/0	0/0	
LY4Q	162	9	6	SOULP-40	0.5	0/0	0/0	9/6	0/0	0/0	0/0	
LY5E	142,380	797	60	SOUHP-15	14.6	0/0	0/0	0/0	0/0	797/60	0/0	
LY2W	27,234	185	51	SOULP-15	6.2	0/0	0/0	0/0	0/0	185/51	0/0	
LY2MM	24,840	184	45	SOUHP-15	6.4	0/0	0/0	0/0	0/0	184/45	0/0	
LY2F	198	11	6	SOULP-15	1.0	0/0	0/0	0/0	0/0	11/6	0/0	
Luxembourg												
LX7I (DK6XZ, op)	4,307,310	4,829	301	SOHP	37.4	113/27	549/45	1,030/56	1,143/59	1,283/60	711/54	
LX5M (LX1ER, op)	29,304	113	88	SOULP	3.3	0/0	6/6	20/16	36/27	37/27	14/12	
Macedonia												
Z33B (L)	140,685	426	113	SOHP	13.1	0/0	0/0	91/35	167/37	146/30	22/11	
Z35W	96,600	330	100	SOLP	16.3	0/0	0/0	103/29	102/28	102/34	23/9	
Z35U	33,264	180	66	SOHP	11.7	0/0	0/0	0/0	79/25	24/14	77/27	
Z31PM (L)	20,559	92	77	SOLP	4.2	0/0	11/10	14/14	19/14	41/32	7/7	
Z32TO	131,328	345	128	SOULP	9.0	0/0	0/0	136/37	79/35	62/31	68/25	
Z35F	2,460	43	20	SOLP-10	1.8	0/0	0/0	0/0	0/0	0/0	43/20	
Malta												
9H1CG (L)	1,638	26	21	SOLP	1.1	0/0	0/0	0/0	0/0	5/5	21/16	
9H1PI (L)	1,512	29	18	SOULP-15	1.6	0/0	0/0	0/0	0/0	29/18	0/0	
Moldova												
ER3UA	72,819	288	87	SOULP	14.5	0/0	4/3	22/13	117/29	136/34	9/8	
ER1AA (L)	17,802	129	46	SOULP	10.7	0/0	0/0	44/17	0/0	85/29	0/0	
Montenegro												
4O4A (L)	945	21	15	SOULP-20	0.9	0/0	0/0	0/0	21/15	0/0	0/0	
Netherlands												
PCØA	715,449	1,104	217	SOHP	18.1	13/10	98/30	106/38	334/52	402/50	151/37	
PA4Y	493,584	821	208	SOHP	15.2	5/5	81/28	89/32	238/53	324/56	84/34	
PA3DBS (L)	137,655	465	105	SOLP	10.2	0/0	0/0	28/18	209/40	228/47	0/0	
PA2W (L)	54,432	218	84	SOLP	6.3	0/0	0/0	23/11	61/23	84/27	50/23	
PA3ARM	34,428	151	76	SOLP	7.0	0/0	0/0	43/27	32/18	72/27	4/4	
PAØRBA (L)	31,464	153	76	SOLP	8.4	0/0	2/2	25/14	50/21	50/22	26/17	
PA2CHM	18,564	101	68	SOLP	5.8	0/0	5/5	9/7	21/17	38/21	28/18	
PA5GU	13,500	92	50	SOLP	5.2	0/0	0/0	0/0	25/17	25/13	42/20	
PI4APD (PA7HPH, op) (L)	13,005	92	51	SOLP	7.0	0/0	0/0	10/9	46/20	32/18	4/4	
PD7BDN	9,288	74	43	SOLP	5.2	0/0	0/0	13/8	39/22	0/0	22/13	
PA7KY	7,446	74	34	SOHP	3.2	0/0	0/0	1/1	66/26	7/7	0/0	
PA5DX	5,217	53	37	SOQRP	2.3	0/0	0/0	0/0	2/2	22/13	29/22	
PAØKBN (L)	5,076	48	36	SOLP	2.2	0/0	0/0	0/0	30/21	18/15	0/0	

PA1BBO (L)	4,950	55	30	SOLP	2.7	0/0	0/0	2/2	0/0	42/22	11/6	
PA2VS	4,950	50	33	SOLP	2.8	0/0	0/0	5/5	23/13	17/12	5/3	
PA1B (L)	4,929	56	31	SOQRP	7.6	0/0	0/0	1/1	25/13	30/17	0/0	
PDØHF	4,371	49	31	SOLP	1.9	0/0	0/0	24/15	22/13	0/0	3/3	
PA3KL (L)	4,278	50	31	SOLP	3.3	0/0	0/0	0/0	23/15	27/16	0/0	
PC4Y	3,330	37	30	SOLP	1.0	0/0	0/0	3/3	12/10	9/9	13/8	
PD1AT	396	12	11	SOLP	0.9	0/0	0/0	5/5	7/6	0/0	0/0	
PA3GCH	18	3	3	SOQRP	0.2	0/0	0/0	0/0	0/0	3/3	0/0	
PA5KT	1,343,952	1,672	272	SOUHP	25.8	99/24	285/42	275/46	357/55	433/54	223/51	
PA3AAV	846,060	1,189	239	SOUHP	18.4	15/7	78/28	190/45	371/57	331/55	204/47	
PA3DUU	635,262	893	239	SOULP	25.2	0/0	93/34	153/45	250/57	275/58	122/45	
PAØO	559,824	871	218	SOULP	22.2	0/0	49/23	159/46	309/54	248/51	106/44	
PF5X	536,670	896	201	SOUHP	18.3	0/0	0/0	143/38	357/58	306/57	90/48	
PA3FQA	491,328	876	192	SOUHP	9.1	8/6	55/25	24/16	298/56	378/57	113/32	
PA5MW	445,770	767	195	SOUHP	19.0	0/0	0/0	109/43	227/54	330/56	101/42	
PAØGJV	384,030	776	170	SOUHP	12.2	0/0	6/6	84/21	238/52	348/55	100/36	
PA5WT	306,720	644	160	SOULP	17.5	0/0	0/0	45/21	197/49	216/48	186/42	
PA2TA (L)	291,582	502	194	SOULP	15.1	0/0	71/27	60/33	167/51	116/46	88/37	
PC4H	279,396	600	156	SOUHP	9.3	1/1	33/19	15/10	218/44	215/46	118/36	
PA6AA (PB7Z, op)	274,725	498	185	SOUHP	14.1	0/0	32/19	62/33	166/49	162/48	76/36	
PA3EVY	273,528	538	174	SOULP	13.4	10/8	77/27	84/32	98/33	171/47	98/27	
PA3DSB (L)	150,720	319	160	SOUHP	8.3	0/0	32/20	43/26	84/34	115/46	45/34	
PA3EZX	150,120	370	139	SOUHP	15.0	0/0	0/0	30/22	141/47	144/46	55/24	
PA8R	145,584	343	144	SOUHP	12.7	0/0	0/0	5/5	147/53	126/49	65/37	
PA4EL	143,658	353	138	SOUHP	15.0	0/0	2/2	71/26	134/44	100/39	46/27	
PA2REH (L)	119,544	297	136	SOULP	17.0	0/0	15/12	57/25	59/32	123/41	43/26	
PA5N	108,756	349	106	SOUHP	6.0	0/0	22/11	0/0	100/28	145/43	82/24	
PA1H	95,400	306	106	SOUHP	11.4	0/0	0/0	0/0	113/38	151/48	42/20	
PA2P	74,907	209	123	SOUHP	5.8	0/0	0/0	24/21	85/40	53/35	47/27	
PE1RDP	74,844	203	126	SOUHP	7.7	0/0	0/0	17/15	46/38	68/40	72/33	
PAØM	72,300	248	100	SOUHP	7.4	0/0	0/0	16/13	130/41	67/30	35/16	
PA3BUD (L)	70,560	198	120	SOUHP	4.9	0/0	19/14	56/31	10/9	75/42	38/24	
PA3GDD	69,696	247	96	SOULP	5.2	0/0	0/0	19/13	112/32	73/29	43/22	
PA2KW	63,438	223	97	SOUHP	4.6	0/0	4/4	46/21	67/32	102/37	4/3	
PA1T	62,916	196	107	SOUHP	5.8	0/0	9/8	45/25	60/31	73/36	9/7	
PA8KW	62,400	204	104	SOULP	6.8	0/0	0/0	31/18	64/37	69/29	40/20	
PD1RP	60,060	223	91	SOULP	7.9	0/0	0/0	20/15	146/47	0/0	57/29	
PA3ADU	45,441	194	81	SOULP	9.7	0/0	8/5	21/12	103/35	44/18	18/11	
PA1FP	43,416	220	67	SOUHP	2.8	0/0	0/0	15/11	84/24	121/32	0/0	
PAØRDT	41,292	198	74	SOUQRP	11.7	0/0	0/0	8/8	91/27	60/24	39/15	
PC5D (L)	39,840	170	80	SOULP	9.3	0/0	0/0	12/10	35/17	77/34	46/19	
PC1PM	36,072	169	72	SOULP	7.0	0/0	0/0	21/14	78/25	27/16	43/17	
PA6F (PA5OES, op) (L)	30,192	149	68	SOUHP	3.3	0/0	0/0	6/5	78/28	63/33	2/2	
PA1MAR	27,459	133	81	SOULP	8.3	0/0	3/3	13/10	41/22	46/27	30/19	
PA4N (L)	26,496	96	92	SOUHP	3.1	0/0	0/0	0/0	36/34	31/30	29/28	
PA2DK (L)	24,780	118	70	SOULP	3.7	0/0	22/13	31/17	16/12	26/18	23/10	
PE2K (L)	24,156	143	61	SOUQRP	12.6	0/0	0/0	13/11	84/26	41/19	5/5	
PC4E (L)	20,367	96	73	SOUHP	3.0	0/0	0/0	10/10	42/28	44/35	0/0	
PA3EWG (L)	19,200	102	64	SOULP	7.6	0/0	3/3	32/19	27/16	15/12	25/14	
PDØME	15,105	100	53	SOULP	4.6	0/0	0/0	12/11	26/20	0/0	62/22	

PA3GPX	14,820	97	52	SOULP	3.1	0/0	0/0	0/0	14/14	43/20	40/18	
PC2F (L)	14,508	97	52	SOUQRP	5.6	0/0	0/0	11/11	36/18	50/23	0/0	
PA1M	13,464	89	51	SOUHP	2.1	0/0	0/0	66/28	23/23	0/0	0/0	
PA9HR	11,700	79	50	SOULP	3.1	0/0	0/0	7/7	41/23	31/20	0/0	
PC6R	10,764	72	52	SOULP	4.3	0/0	0/0	9/8	25/20	21/13	17/11	
PG2AA (L)	10,710	85	42	SOULP	4.0	0/0	0/0	0/0	41/23	44/19	0/0	
PA3EMN (L)	5,550	50	37	SOULP	1.5	0/0	0/0	34/25	0/0	16/12	0/0	
PA3CWN	4,752	48	33	SOULP	2.6	0/0	0/0	38/23	0/0	0/0	10/10	
PH3BDJ (L)	2,346	34	23	SOULP	2.0	0/0	0/0	0/0	22/12	0/0	12/11	
PAØB (L)	1,449	29	21	SOULP	2.7	0/0	0/0	1/1	1/1	13/10	14/9	
PF1SCT (L)	1,296	24	18	SOULP	2.2	0/0	0/0	6/5	8/5	8/7	2/1	
PAØJED (L)	9,486	95	34	SOHP-40	6.5	0/0	0/0	95/34	0/0	0/0	0/0	
PA3DRL (L)	1,566	29	18	SOHP-40	1.7	0/0	0/0	29/18	0/0	0/0	0/0	
PG4I	2,340	39	20	SOQRP-20	2.2	0/0	0/0	0/0	39/20	0/0	0/0	
PA6X (PC2L, op)	60,552	358	58	SOUHP-20	12.1	0/0	0/0	0/0	358/58	0/0	0/0	
PA4PA	7,395	85	29	SOULP-20	5.8	0/0	0/0	0/0	85/29	0/0	0/0	
PE1HWO	240	12	8	SOUHP-20	1.3	0/0	0/0	0/0	12/8	0/0	0/0	
PA7JWC (L)	19,404	150	44	SOULP-15	3.1	0/0	0/0	0/0	0/0	150/44	0/0	
PG2V (L)	10,605	101	35	SOULP-15	10.2	0/0	0/0	0/0	0/0	101/35	0/0	
PA7RW	2,325	40	25	SOULP-15	3.5	0/0	0/0	0/0	0/0	40/25	0/0	
Northern Ireland												
MI5I (GIØRQK, op)	1,041,984	1,623	216	SOULP	27.8	1/1	79/24	196/39	506/53	546/54	295/45	
GI4SNA	58,092	191	103	SOUHP	10.9	17/12	60/25	49/25	45/24	18/15	2/2	
MI4I (GI4SJQ, op)	37,950	256	50	SOULP-20	3.8	0/0	0/0	0/0	256/50	0/0	0/0	
Norway												
LN8W (LA7MFA, op)	2,147,427	2,686	269	SOHP	38.1	44/17	170/33	667/55	643/58	766/57	396/49	
LC9X (LA9XGA, op) (L)	44,322	167	89	SOLP	13.7	0/0	17/12	37/25	71/34	41/17	1/1	
LA9OI (L)	42,768	178	81	SOHP	8.3	0/0	0/0	5/5	49/26	102/38	22/12	
LA6CF	36,984	143	92	SOLP	8.0	0/0	3/3	20/16	43/27	59/34	18/12	
LC2F (LA2HFA, op) (L)	13,260	88	52	SOLP	6.1	0/0	0/0	9/7	50/24	27/19	2/2	
LA7TO	11,172	79	49	SOLP	5.1	0/0	1/1	20/16	54/28	4/4	0/0	
LB2WD	4,257	43	33	SOLP	3.6	0/0	4/4	24/19	15/10	0/0	0/0	
LA7SI	1,944	27	24	SOHP	1.2	0/0	6/6	15/13	6/5	0/0	0/0	
LA2T (LB1UK, op)	314,628	683	157	SOUHP	19.4	0/0	22/16	112/42	343/54	206/45	0/0	
LBØEI	75,210	231	115	SOUHP	11.7	0/0	1/1	22/16	105/41	82/42	21/15	
LB5GI	57,024	202	99	SOUHP	6.8	0/0	0/0	14/12	90/39	87/39	11/9	
LA8HGA	40,356	238	57	SOUHP	3.6	0/0	0/0	0/0	64/24	174/33	0/0	
LA3TK	27,375	128	73	SOUHP	6.3	0/0	0/0	16/12	47/27	65/34	0/0	
LA4YGA (L)	26,625	128	71	SOUHP	7.2	0/0	0/0	21/15	45/22	60/32	2/2	
LA8AW	9,024	64	47	SOULP	2.5	0/0	1/1	0/0	52/36	11/10	0/0	
LB1TI (L)	192	8	8	SOULP	0.9	0/0	0/0	0/0	5/5	3/3	0/0	
LA3RK	12	2	2	SOLP-80	0.3	0/0	2/2	0/0	0/0	0/0	0/0	
LA3BPA	9,090	102	30	SOULP-15	3.7	0/0	0/0	0/0	0/0	102/30	0/0	
Poland												
SQ1ØØD (SP1NQN, op)	398,601	786	171	SOLP	15.5	0/0	8/8	93/36	279/50	380/55	26/22	
SN7J (SP7JYM, op)	307,944	613	168	SOLP	20.2	0/0	48/22	135/31	234/52	118/35	78/28	
SP1AEN (L)	211,128	466	152	SOLP	19.2	0/0	21/15	86/34	180/44	156/45	23/14	
SQ9DXN	149,520	372	140	SOHP	21.0	0/0	61/24	103/30	62/28	105/40	41/18	
SN1O	66,339	254	91	SOLP	6.9	0/0	0/0	2/2	76/33	147/43	29/13	

SP2FAP (L)	42,660	183	79	SOHP	9.0	0/0	6/5	36/21	91/35	50/18	0/0	
SP8MO	37,206	162	78	SOLP	10.9	0/0	0/0	13/10	67/29	64/27	18/12	
SP9GMI (L)	36,573	170	73	SOLP	8.3	0/0	0/0	42/19	79/29	28/14	21/11	
SP9IHP	26,724	131	68	SOLP	9.8	0/0	16/13	38/20	46/19	31/16	0/0	
HF5A (L)	24,960	139	64	SOLP	11.3	0/0	0/0	6/6	57/24	65/26	11/8	
SN5JU (SP5BYC, op)	22,770	115	66	SOHP	7.6	0/0	24/13	31/16	14/9	9/9	37/19	
SP1JQJ	22,365	105	71	SOHP	3.8	0/0	0/0	29/22	26/15	20/16	30/18	
SP4DEU	20,355	116	59	SOLP	7.3	0/0	38/18	12/11	46/20	19/9	1/1	
SP6BEN	11,520	80	48	SOLP	3.7	0/0	0/0	19/12	37/19	19/14	5/3	
SP4DNX (L)	10,680	93	40	SOHP	7.4	0/0	3/3	1/1	89/36	0/0	0/0	
SP3IOE	8,505	68	45	SOLP	2.3	0/0	11/7	22/15	24/15	11/8	0/0	
SP3GTR	7,068	63	38	SOLP	6.1	0/0	0/0	0/0	22/14	38/22	3/2	
SQ5J	4,929	53	31	SOLP	1.1	0/0	0/0	0/0	35/20	18/11	0/0	
SQ9KDT (L)	2,346	34	23	SOHP	0.9	0/0	0/0	2/2	4/4	23/14	5/3	
SQ6ABC (LZ1ABC, op)	1,674	31	18	SOLP	1.2	0/0	0/0	0/0	0/0	31/18	0/0	
SQ3TGN	1,440	31	16	SOLP	2.8	0/0	0/0	0/0	4/3	27/13	0/0	
SP2MHS	60	5	5	SOLP	0.6	0/0	0/0	0/0	2/2	3/3	0/0	
SP4DDS	27	3	3	SOLP	0.0	0/0	0/0	0/0	1/1	2/2	0/0	
SN7Q (SP7GIQ, op)	2,405,214	2,765	294	SOUHP	37.1	77/27	335/44	732/53	715/60	579/57	327/53	
SO9I (SP2R, op)	2,194,290	2,764	270	SOUHP	39.7	26/17	260/38	706/51	692/59	720/58	360/47	
SP1NY	859,683	1,218	239	SOUHP	24.8	6/6	110/29	195/47	479/57	365/59	63/41	
SO5O	811,506	1,300	211	SOUHP	27.8	10/9	125/29	327/44	340/53	365/45	133/31	
SN7O (SP7IVO, op)	757,926	1,076	237	SOULP	31.5	14/14	120/31	193/41	329/58	283/56	137/37	
SO6I (SP6JIU, op) (L)	558,657	922	209	SOUHP	24.8	1/1	64/26	299/42	294/54	131/47	133/39	
SN3C	389,874	728	181	SOUHP	14.3	0/0	44/22	183/43	109/37	145/39	247/40	
SP2QG	333,060	624	182	SOUHP	18.4	4/4	26/17	87/39	242/49	221/48	44/25	
SP9ATE	317,520	615	180	SOUHP	18.3	0/0	26/16	86/36	220/48	190/49	93/31	
SN5N (SP5KP, op)	291,384	694	142	SOUHP	13.4	0/0	0/0	56/23	268/52	319/50	51/17	
SP7CF	259,740	557	156	SOULP	20.7	0/0	64/25	135/29	162/45	143/37	53/20	
SP3VT	198,867	442	151	SOUHP	8.4	1/1	74/27	133/40	18/13	149/43	67/27	
SP6CIK	152,586	348	147	SOUHP	8.5	0/0	0/0	0/0	140/54	151/54	57/39	
SP5CNA	148,176	447	112	SOUHP	11.3	0/0	0/0	0/0	214/49	197/43	36/20	
SP6AEG	128,436	310	139	SOUHP	14.8	12/9	3/3	53/24	123/44	96/43	23/16	
SP2XX	126,324	337	132	SOUHP	11.7	0/0	32/18	75/35	121/39	103/34	6/6	
SO5CW (DJ5CW, op)	99,567	303	111	SOULP	10.7	0/0	20/13	20/15	94/34	155/40	14/9	
SP7IIT (L)	98,340	299	110	SOUHP	9.8	0/0	7/5	29/17	113/37	124/38	26/13	
SP2DKI (L)	70,560	227	105	SOULP	9.7	0/0	35/17	69/28	35/21	82/33	6/6	
SN1F (SP1GZF, op) (L)	52,800	170	110	SOULP	8.4	1/1	7/7	28/19	55/36	42/27	37/20	
SP5BN	52,326	176	102	SOUHP	8.3	0/0	7/7	27/22	77/38	48/25	17/10	
SP9MZH	51,168	211	82	SOUHP	7.8	0/0	0/0	7/7	99/30	86/33	19/12	
SP5GNI	30,150	138	75	SOUHP	7.8	0/0	4/4	15/12	82/29	34/27	3/3	
SP9RKM	30,015	148	69	SOULP	12.5	0/0	0/0	16/11	40/18	82/32	10/8	
SO7NA	19,293	109	59	SOULP	5.0	1/1	12/10	12/9	20/13	64/26	0/0	
SP3WKW (L)	17,820	102	60	SOULP	5.6	0/0	0/0	15/13	30/18	52/25	5/4	
SP2GOW	17,640	99	60	SOUHP	5.6	0/0	0/0	25/17	35/19	39/24	0/0	
SP3JDZ (L)	15,405	80	65	SOUHP	2.4	0/0	18/13	28/20	19/18	15/14	0/0	
SP2HHX	10,449	84	43	SOULP	3.7	0/0	0/0	30/21	53/21	1/1	0/0	
SQ8B	3,663	44	33	SOUHP	2.6	0/0	0/0	16/13	5/5	22/14	1/1	
SQ6LJV (L)	2,520	35	24	SOULP	1.3	0/0	0/0	0/0	5/5	26/18	4/1	
SP2WGB (L)	765	21	15	SOULP	2.3	0/0	0/0	5/4	12/7	4/4	0/0	

SQ3POS	624	16	13	SOULP	0.6	0/0	0/0	0/0	0/0	14/11	2/2	
SQ2HZ	147	7	7	SOUHP	0.4	0/0	0/0	2/2	0/0	5/5	0/0	
SP4T (IT9RGY, op)	3,078	62	18	SOHP-160	4.6	62/18	0/0	0/0	0/0	0/0	0/0	
SN5F (HF5WIM, op) (L)	3,795	57	23	SOLP-80	5.0	0/0	57/23	0/0	0/0	0/0	0/0	
SP4AWE	2,451	45	19	SOLP-80	5.4	0/0	45/19	0/0	0/0	0/0	0/0	
SP9EMI	27	4	3	SOLP-80	0.4	0/0	4/3	0/0	0/0	0/0	0/0	
SN2B (SP2MKT, op)	44,640	375	40	SOUHP-80	15.6	0/0	375/40	0/0	0/0	0/0	0/0	
SP7AS	10,944	115	32	SOULP-80	5.9	0/0	115/32	0/0	0/0	0/0	0/0	
SN5J (SP5JXK, op) (L)	5,400	75	24	SOULP-80	9.2	0/0	75/24	0/0	0/0	0/0	0/0	
SQ9I	4,851	78	21	SOULP-80	4.7	0/0	78/21	0/0	0/0	0/0	0/0	
SP8GNF	4,026	64	22	SOULP-80	6.2	0/0	64/22	0/0	0/0	0/0	0/0	
SN9S (SP9DLY, op)	8,190	92	30	SOLP-40	5.4	0/0	0/0	92/30	0/0	0/0	0/0	
SP7JDI (L)	6,318	80	27	SOLP-40	6.3	0/0	0/0	80/27	0/0	0/0	0/0	
SP9KJU (SP9MDY, op) (L)	1,782	35	18	SOLP-40	2.7	0/0	0/0	35/18	0/0	0/0	0/0	
SP3PDO (SP3TYJ, op) (L)	360	12	10	SOLP-40	0.5	0/0	0/0	12/10	0/0	0/0	0/0	
SN2M	96,690	601	55	SOUHP-40	17.1	0/0	0/0	601/55	0/0	0/0	0/0	
SP5ES	32,712	242	47	SOULP-40	15.5	0/0	0/0	242/47	0/0	0/0	0/0	
SP4Z	25,740	224	39	SOUHP-40	4.3	0/0	0/0	224/39	0/0	0/0	0/0	
SP8K	14,061	109	43	SOULP-40	3.9	0/0	0/0	109/43	0/0	0/0	0/0	
SP3CYY	12,852	122	36	SOUHP-40	4.9	0/0	0/0	122/36	0/0	0/0	0/0	
SP5GH	2,268	28	28	SOUHP-40	2.4	0/0	0/0	28/28	0/0	0/0	0/0	
SP7IWA	396	13	11	SOUHP-40	0.6	0/0	0/0	13/11	0/0	0/0	0/0	
SO7M (SP7JLH, op)	77,880	480	55	SOHP-20	15.4	0/0	0/0	0/0	480/55	0/0	0/0	
SQ9TX (L)	8,640	90	32	SOHP-20	3.9	0/0	0/0	0/0	90/32	0/0	0/0	
SQ9JS (L)	3,978	55	26	SOLP-20	5.6	0/0	0/0	0/0	55/26	0/0	0/0	
SP2AYC (L)	3,120	52	20	SOLP-20	3.2	0/0	0/0	0/0	52/20	0/0	0/0	
SP2GTJ	2,904	45	22	SOLP-20	4.6	0/0	0/0	0/0	45/22	0/0	0/0	
SP9DTE	2,310	37	22	SOLP-20	2.1	0/0	0/0	0/0	37/22	0/0	0/0	
SP8GK	147	8	7	SOLP-20	0.8	0/0	0/0	0/0	8/7	0/0	0/0	
SP4LO	90	7	5	SOLP-20	0.9	0/0	0/0	0/0	7/5	0/0	0/0	
SN8A (SP5UFK, op)	162,309	933	59	SOUHP-20	25.9	0/0	0/0	0/0	933/59	0/0	0/0	
SN8T (SP8BVN, op)	74,556	438	57	SOULP-20	13.4	0/0	0/0	0/0	438/57	0/0	0/0	
SP9JZT (L)	36,864	259	48	SOUHP-20	7.8	0/0	0/0	0/0	259/48	0/0	0/0	
SP4JFR	32,895	219	51	SOULP-20	9.4	0/0	0/0	0/0	219/51	0/0	0/0	
SQ3M	11,232	100	39	SOULP-20	10.8	0/0	0/0	0/0	100/39	0/0	0/0	
SP5TT	10,062	84	43	SOULP-20	5.7	0/0	0/0	0/0	84/43	0/0	0/0	
SP5WA	3,087	50	21	SOULP-20	2.2	0/0	0/0	0/0	50/21	0/0	0/0	
SP9TTT (L)	243	10	9	SOUQRP-20	1.0	0/0	0/0	0/0	10/9	0/0	0/0	
SP5GQX	11,583	101	39	SOHP-15	6.3	0/0	0/0	0/0	0/0	101/39	0/0	
SP9OUV (L)	6,912	74	32	SOLP-15	6.1	0/0	0/0	0/0	0/0	74/32	0/0	
SP4AP	3,498	53	22	SOLP-15	6.0	0/0	0/0	0/0	0/0	53/22	0/0	
SQ3MZU	3,300	54	22	SOLP-15	2.0	0/0	0/0	0/0	0/0	54/22	0/0	
SQ9FQY	2,214	42	18	SOLP-15	4.0	0/0	0/0	0/0	0/0	42/18	0/0	
SP9JBE	1,836	36	18	SOLP-15	2.5	0/0	0/0	0/0	0/0	36/18	0/0	
SP4NKJ (L)	1,782	34	18	SOLP-15	3.6	0/0	0/0	0/0	0/0	34/18	0/0	
SQ6ELV	1,632	35	16	SOLP-15	2.9	0/0	0/0	0/0	0/0	35/16	0/0	
SP5FKW	1,254	38	22	SOLP-15	4.9	0/0	0/0	0/0	0/0	38/22	0/0	
SP6IHE	585	15	13	SOLP-15	1.4	0/0	0/0	0/0	0/0	15/13	0/0	
SP5XO (L)	108	7	6	SOQRP-15	1.1	0/0	0/0	0/0	0/0	7/6	0/0	
SN3A (SQ9UM, op)	185,580	1,037	60	SOUHP-15	16.1	0/0	0/0	0/0	0/0	1,037/60	0/0	

SP2PIK (SP2MKI, op)	168,504	961	59	SOUHP-15	15.5	0/0	0/0	0/0	0/0	961/59	0/0	
SN4R (SQ4NR, op)	148,680	844	59	SOUHP-15	12.6	0/0	0/0	0/0	0/0	844/59	0/0	
SP9XCN	63,036	415	51	SOULP-15	11.7	0/0	0/0	0/0	0/0	415/51	0/0	
SQ6MIH	42,588	287	52	SOULP-15	12.3	0/0	0/0	0/0	0/0	287/52	0/0	
SN6U	24,156	189	44	SOULP-15	8.7	0/0	0/0	0/0	0/0	189/44	0/0	
SP2JFY	14,760	132	40	SOULP-15	10.3	0/0	0/0	0/0	0/0	132/40	0/0	
SP6JQC (L)	11,445	110	35	SOULP-15	9.8	0/0	0/0	0/0	0/0	110/35	0/0	
SQ9S	8,550	75	38	SOULP-15	3.0	0/0	0/0	0/0	0/0	75/38	0/0	
SNØR (SQ9IAU, op)	48	4	4	SOULP-15	0.1	0/0	0/0	0/0	0/0	4/4	0/0	
SP2ERZ (L)	858	22	13	SOLP-10	1.9	0/0	0/0	0/0	0/0	0/0	22/13	
SP6DHH	660	23	10	SOLP-10	2.9	0/0	0/0	0/0	0/0	0/0	23/10	
SP7M (SP5EWX, op)	12,672	101	44	SOULP-10	7.0	0/0	0/0	0/0	0/0	0/0	101/44	
Portugal												
CT7BJG	1,856,205	2,560	247	SOLP	27.7	1/1	100/25	425/54	775/58	617/58	642/51	
CT7/DJ7PR	96,255	292	115	SOLP	10.5	0/0	47/21	64/24	84/26	53/23	44/21	
CT1ELZ	37,575	173	75	SOLP	4.3	0/0	0/0	0/0	45/19	54/26	74/30	
CT1ELP	6,432	69	32	SOLP	1.3	0/0	0/0	0/0	0/0	64/28	5/4	
CT1DRB (L)	196,107	504	131	SOULP	13.8	0/0	0/0	0/0	246/50	175/47	83/34	
CT1EHK	48,840	190	88	SOULP	7.4	0/0	0/0	0/0	49/31	98/34	43/23	
CS5NRA	11,730	87	46	SOULP	3.2	0/0	0/0	0/0	69/29	11/10	7/7	
CT7AUP	10,500	100	35	SOHP-20	2.9	0/0	0/0	0/0	100/35	0/0	0/0	
CT1FOQ (L)	6,831	70	33	SOLP-20	5.4	0/0	0/0	0/0	70/33	0/0	0/0	
CR7BYH (VA3FH, op) (L)	16,092	152	36	SOULP-15	2.5	0/0	0/0	0/0	0/0	152/36	0/0	
CT1HIX	24,360	211	40	SOULP-10	7.8	0/0	0/0	0/0	0/0	0/0	211/40	
Romania												
YO2LEA	109,599	310	119	SOLP	12.5	0/0	0/0	50/22	84/32	103/31	73/34	
YO4AAC (L)	49,941	182	93	SOLP	10.0	0/0	13/12	33/21	38/22	89/30	9/8	
YO8BDW	20,988	136	53	SOLP	11.1	0/0	0/0	98/29	34/20	4/4	0/0	
YO7EY	16,536	109	52	SOLP	7.6	0/0	0/0	29/16	49/17	16/11	15/8	
YO6BLU	15,066	113	54	SOLP	10.0	0/0	1/1	14/8	61/24	28/14	9/7	
YO5YM	11,550	79	55	SOLP	8.3	0/0	1/1	22/16	17/11	27/15	12/12	
YO2MJZ	4,743	51	31	SOLP	2.3	0/0	10/9	40/21	1/1	0/0	0/0	
YO4SLL	2,916	46	27	SOLP	7.0	0/0	5/5	22/9	7/7	12/6	0/0	
YO8OGO	2,160	37	20	SOLP	3.1	0/0	0/0	0/0	2/2	35/18	0/0	
YO3GNF (L)	1,425	25	19	SOLP	1.2	0/0	0/0	0/0	10/8	12/9	3/2	
YO6EL (L)	462	16	11	SOLP	1.8	0/0	0/0	0/0	8/6	8/5	0/0	
YO3CWC	60	5	5	SOLP	0.8	0/0	4/4	1/1	0/0	0/0	0/0	
YP2R (YO2MAX, op)	400,140	758	180	SOUHP	23.1	0/0	78/25	163/38	154/42	239/45	124/30	
YO5AVN (L)	339,966	611	187	SOULP	18.8	0/0	84/28	118/37	150/44	156/46	103/32	
YO9HP	317,520	635	168	SOUHP	13.8	0/0	0/0	104/39	227/50	237/51	67/28	
YR8R	249,678	599	143	SOULP	15.9	0/0	0/0	46/24	251/49	203/40	99/30	
YO3GCL	148,467	419	121	SOULP	12.4	0/0	10/7	130/35	87/30	181/43	11/6	
YO4GO	116,586	393	102	SOUHP	10.8	0/0	15/11	147/30	53/21	177/39	1/1	
YO3GEK	61,110	211	97	SOULP	14.9	0/0	27/16	42/19	55/26	72/28	15/8	
YO9AYN	60,135	215	95	SOUHP	8.8	0/0	0/0	40/20	82/35	81/32	12/8	
YO6FGZ (L)	48,555	203	83	SOULP	10.0	0/0	0/0	76/27	48/29	77/25	2/2	
YO4DW	44,118	179	86	SOULP	6.8	0/0	0/0	39/23	67/29	69/30	4/4	
YO9SW	40,836	167	82	SOULP	7.3	0/0	0/0	35/19	26/18	78/30	28/15	
YO5BRE	31,098	142	73	SOULP	9.4	0/0	0/0	5/5	59/29	37/20	41/19	
YO8DOH (L)	30,804	153	68	SOULP	6.7	0/0	10/8	38/21	18/13	84/24	3/2	

YO4NT (L)	27,999	155	61	SOULP	5.5	0/0	0/0	0/0	56/24	69/24	30/13	
YO4FHU (L)	18,180	101	60	SOULP	7.6	0/0	8/7	43/24	11/8	34/18	5/3	
YO3FRI	17,400	101	58	SOULP	7.5	0/0	25/14	26/17	30/16	0/0	20/11	
YO3XX	9,849	68	49	SOUHP	2.1	0/0	0/0	19/15	34/22	13/10	2/2	
YO/LZ4UU	75	5	5	SOULP	0.6	0/0	0/0	0/0	0/0	5/5	0/0	
YO3LW (YR15ØCB, op)	7,380	84	30	SOHP-40	2.4	0/0	0/0	84/30	0/0	0/0	0/0	
YO6FNA	6,426	107	21	SOHP-40	3.5	0/0	0/0	107/21	0/0	0/0	0/0	
YO4BEW	2,835	49	21	SOQRP-40	4.2	0/0	0/0	49/21	0/0	0/0	0/0	
YO6BGT	1,056	31	16	SOLP-40	5.6	0/0	0/0	31/16	0/0	0/0	0/0	
YO4LHR	756	18	14	SOLP-40	1.4	0/0	0/0	18/14	0/0	0/0	0/0	
YPØK (YO8RXP, op)	39,312	331	42	SOUHP-40	5.9	0/0	0/0	331/42	0/0	0/0	0/0	
YO4BEX	945	21	15	SOLP-20	1.2	0/0	0/0	0/0	21/15	0/0	0/0	
YO2AMU	19,092	150	43	SOUHP-20	6.7	0/0	0/0	0/0	150/43	0/0	0/0	
YO2ARM	1,566	30	18	SOULP-20	2.5	0/0	0/0	0/0	30/18	0/0	0/0	
YO9BCM (L)	3,087	56	21	SOLP-15	4.0	0/0	0/0	0/0	0/0	56/21	0/0	
YO4CVV (L)	270	10	9	SOLP-15	1.2	0/0	0/0	0/0	0/0	10/9	0/0	
YO3AI (L)	3	1	1	SOLP-15	0.0	0/0	0/0	0/0	0/0	1/1	0/0	
YO2LLL	21,060	163	45	SOUHP-15	10.0	0/0	0/0	0/0	0/0	163/45	0/0	
YO4LUP	1,035	24	15	SOULP-15	1.8	0/0	0/0	0/0	0/0	24/15	0/0	
YO3AK (L)	2,484	50	18	SOHP-10	2.8	0/0	0/0	0/0	0/0	0/0	50/18	
YO4TL	2,340	40	20	SOLP-10	2.4	0/0	0/0	0/0	0/0	0/0	40/20	
YO9BPX	4,704	56	28	SOUHP-10	1.8	0/0	0/0	0/0	0/0	0/0	56/28	
YO4CAH	4,209	62	23	SOULP-10	3.9	0/0	0/0	0/0	0/0	0/0	62/23	
YO4FZX	2,646	45	21	SOULP-10	2.5	0/0	0/0	0/0	0/0	0/0	45/21	
YO3BL	570	20	10	SOUQRP-10	2.1	0/0	0/0	0/0	0/0	0/0	20/10	
San Marino												
T77RN (L)	300	50	2	SOULP	1.7	0/0	0/0	0/0	0/0	24/1	26/1	
Sardinia												
ISØAFM	530,202	916	194	SOHP	10.0	0/0	71/26	83/29	201/43	303/50	258/46	
ISØESG	61,344	216	96	SOQRP	19.8	0/0	37/16	20/12	39/19	75/31	45/18	
IPØA (ISØJHQ, op)	188,613	1,125	57	SOHP-40	21.5	0/0	0/0	1,125/57	0/0	0/0	0/0	
ISØJXO (L)	71,589	503	49	SOLP-15	6.1	0/0	0/0	0/0	0/0	503/49	0/0	
Scotland												
GM5X (GM4YXI, op)	1,567,944	2,173	244	SOHP	21.6	1/1	148/32	341/46	555/57	646/56	482/52	
MMØT (GM3WUX, op)	651,480	1,236	178	SOHP	16.3	0/0	14/7	51/26	475/55	474/53	222/37	
MMØUMH	6,042	53	38	SOLP	3.3	0/0	0/0	15/14	14/8	24/16	0/0	
MM9I (GMØOPS, op)	1,767,285	2,260	265	SOUHP	32.5	15/12	233/40	406/51	704/58	566/56	336/48	
MM2T	754,992	1,222	214	SOUHP	21.5	0/0	46/20	163/41	478/58	373/54	162/41	
MM1E (MMØGOR, op)	729,312	1,151	214	SOUHP	19.7	2/2	110/30	281/42	400/54	298/54	60/32	
MM2N (MMØGPZ, op)	138,768	403	118	SOUHP	5.4	0/0	0/0	49/20	45/38	294/46	15/14	
GM3YEH (L)	85,176	279	104	SOUHP	6.7	0/0	0/0	0/0	144/52	128/45	7/7	
GM3ZRT	37,350	154	83	SOUHP	4.6	0/0	0/0	0/0	100/45	23/17	31/21	
MM3I (GM5TDX, op) (L)	12,672	66	64	SOULP	2.4	0/0	0/0	0/0	22/21	25/24	19/19	
GM4OSS	1,350	25	18	SOULP	1.0	0/0	0/0	0/0	12/7	0/0	13/11	
GM2V	19,188	159	41	SOHP-20	2.6	0/0	0/0	0/0	159/41	0/0	0/0	
GMØV (GMØOQV, op)	19,182	142	46	SOUHP-20	5.1	0/0	0/0	0/0	142/46	0/0	0/0	
GM4Z (GM4ZUK, op)	50,400	302	56	SOUHP-15	5.0	0/0	0/0	0/0	0/0	302/56	0/0	
MM3T (GMØELP, op)	21,888	204	38	SOHP-10	3.7	0/0	0/0	0/0	0/0	0/0	204/38	
MM7IFX	12,495	119	35	SOULP-10	3.5	0/0	0/0	0/0	0/0	0/0	119/35	

Serbia												
YU1QU	23,985	128	65	SOLP	8.0	0/0	0/0	30/17	0/0	46/22	52/26	
YU7KW	796,746	1,118	241	SOUHP	25.2	24/12	166/35	321/47	207/51	267/53	133/43	
YT4W (YU1DW, op)	438,864	910	164	SOUHP	11.7	0/0	0/0	393/45	323/50	83/33	111/36	
YU1YV	374,976	680	186	SOUHP	24.4	0/0	88/26	85/31	219/50	186/46	102/33	
YT5A (YT1AD, op)	262,446	535	166	SOUHP	7.5	0/0	24/16	121/36	164/51	176/39	50/24	
YUØX (L)	193,248	494	132	SOUHP	7.4	0/0	0/0	65/30	173/40	225/46	31/16	
YU1AT	93,024	308	102	SOULP	14.8	0/0	33/16	93/25	93/28	75/27	14/6	
YU7GM	57,855	207	95	SOULP	11.9	0/0	31/15	70/22	40/22	66/36	0/0	
YT2K (L)	29,154	114	86	SOULP	1.3	0/0	0/0	0/0	35/25	45/39	34/22	
YU5A (YU1EW, op)	19,602	128	54	SOUHP	1.2	0/0	53/19	0/0	0/0	70/30	5/5	
YT7AA	9,585	71	45	SOUHP	1.7	0/0	0/0	0/0	0/0	13/13	58/32	
YT1XC (L)	6,840	63	38	SOULP	4.7	0/0	0/0	0/0	43/20	12/11	8/7	
YU2M (L)	22,770	244	33	SOHP-80	11.0	0/0	244/33	0/0	0/0	0/0	0/0	
YU1EW	82,800	562	50	SOHP-40	6.9	0/0	0/0	562/50	0/0	0/0	0/0	
YU1RA	59,754	440	46	SOHP-40	11.4	0/0	0/0	440/46	0/0	0/0	0/0	
YU7EE (L)	22,680	193	42	SOHP-40	7.9	0/0	0/0	193/42	0/0	0/0	0/0	
YU5T	8,928	97	32	SOLP-40	6.2	0/0	0/0	97/32	0/0	0/0	0/0	
YT4RA	882	21	14	SOQRP-40	0.8	0/0	0/0	21/14	0/0	0/0	0/0	
YT1A	162,288	984	56	SOUHP-40	21.8	0/0	0/0	984/56	0/0	0/0	0/0	
YU7XX (YT3D, op)	98,898	625	53	SOULP-40	13.6	0/0	0/0	625/53	0/0	0/0	0/0	
YT4T	73,350	497	50	SOUHP-40	10.8	0/0	0/0	497/50	0/0	0/0	0/0	
YT7R (YU7BW, op)	8,667	110	27	SOUHP-40	1.5	0/0	0/0	110/27	0/0	0/0	0/0	
YT7BA	166,530	935	61	SOHP-20	26.0	0/0	0/0	0/0	935/61	0/0	0/0	
YU3M (L)	59,895	382	55	SOHP-20	10.0	0/0	0/0	0/0	382/55	0/0	0/0	
YT3X	232,959	1,288	61	SOUHP-20	31.9	0/0	0/0	0/0	1,288/61	0/0	0/0	
YU5R (YT6DX, op) (Y)	99,297	580	59	SOUHP-20	15.6	0/0	0/0	0/0	580/59	0/0	0/0	
YTØW (YU1JW, op)	50,736	303	56	SOUHP-20	7.4	0/0	0/0	0/0	303/56	0/0	0/0	
YT2AAA (L)	2,268	36	21	SOUQRP-20	1.5	0/0	0/0	0/0	36/21	0/0	0/0	
YU7CU (L)	390	16	10	SOULP-20	2.6	0/0	0/0	0/0	16/10	0/0	0/0	
YT7X	26,190	197	45	SOHP-15	3.8	0/0	0/0	0/0	0/0	197/45	0/0	
YU1NR	5,022	72	27	SOQRP-15	9.8	0/0	0/0	0/0	0/0	72/27	0/0	
YU7AA (L)	3,024	45	24	SOLP-15	4.0	0/0	0/0	0/0	0/0	45/24	0/0	
YU9DX	193,500	1,084	60	SOUHP-15	15.7	0/0	0/0	0/0	0/0	1,084/60	0/0	
YU1ZZ	117,882	671	59	SOUHP-15	8.7	0/0	0/0	0/0	0/0	671/59	0/0	
YT9A	72,393	413	59	SOUHP-15	5.9	0/0	0/0	0/0	0/0	413/59	0/0	
YT7KM	23,220	180	43	SOULP-15	7.5	0/0	0/0	0/0	0/0	180/43	0/0	
YUØT	115,005	708	55	SOUHP-10	11.4	0/0	0/0	0/0	0/0	0/0	708/55	
YT1X	95,592	574	56	SOUHP-10	11.4	0/0	0/0	0/0	0/0	0/0	574/56	
YT9W	66,096	436	51	SOUHP-10	10.5	0/0	0/0	0/0	0/0	0/0	436/51	
Slovak Republic												
OM7K (OM7RU, op)	1,689,120	2,220	255	SOHP	36.6	53/15	255/37	767/54	565/56	403/51	177/42	
OM5R (OM5WW, op) (L)	364,506	781	158	SOHP	27.0	1/1	137/28	316/40	150/38	157/38	20/13	
OM6AL	230,205	537	149	SOHP	24.0	13/8	46/18	86/29	183/46	184/38	25/10	
OM5DX (L)	137,295	353	135	SOLP	16.9	0/0	26/17	111/39	85/33	108/34	23/12	
OM3CPF	129,159	346	127	SOHP	15.5	0/0	35/20	103/32	86/30	99/32	23/13	
OM5MX	82,530	267	105	SOLP	12.3	0/0	15/8	32/20	119/33	79/33	22/11	
OM7AG	25,056	121	72	SOLP	8.5	0/0	15/12	21/15	48/26	36/18	1/1	
OM5JA (L)	21,060	111	65	SOLP	6.4	0/0	8/7	19/14	40/17	29/18	15/9	
OM3ZU (L)	16,758	114	49	SOLP	6.1	0/0	0/0	0/0	42/21	63/23	9/5	

OM7AT (L)	11,169	74	51	SOLP	5.6	0/0	3/3	32/22	14/10	21/13	4/3	
OM3TBG (L)	4,872	56	29	SOLP	1.6	0/0	0/0	0/0	32/13	19/12	5/4	
OM2VL	3,389,850	3,685	310	SOUHP	41.1	144/34	448/47	884/56	984/61	869/60	356/52	
OM2X (OM2XW, op)	1,447,629	2,085	233	SOUHP	30.0	0/0	189/33	783/53	643/59	220/49	250/39	
OM3RM	270,441	604	151	SOUHP	7.3	0/0	0/0	38/21	171/42	319/55	76/33	
OM5KM (L)	158,043	381	139	SOULP	18.0	0/0	73/24	73/29	158/49	53/23	24/14	
OM6RM (L)	152,334	405	126	SOULP	8.7	0/0	5/5	62/21	99/29	162/42	77/29	
OM2FY	107,238	296	122	SOUHP	9.0	0/0	59/25	43/21	64/26	78/31	52/19	
OM7RM	31,275	139	75	SOUHP	9.9	0/0	10/7	55/22	38/25	35/20	1/1	
OM4AY	24,840	118	72	SOULP	7.1	0/0	14/11	40/24	40/24	24/13	0/0	
OM1AVV	23,316	139	58	SOULP	7.3	0/0	0/0	36/17	58/20	6/5	39/16	
OM1PT	3,219	39	29	SOULP	2.2	0/0	9/9	29/19	1/1	0/0	0/0	
OM1II	3,591	59	21	SOLP-80	5.3	0/0	59/21	0/0	0/0	0/0	0/0	
OM5AW	37,008	263	48	SOULP-40	5.7	0/0	0/0	263/48	0/0	0/0	0/0	
OM5ALL	31,416	244	44	SOULP-40	13.6	0/0	0/0	244/44	0/0	0/0	0/0	
OM/UT2WW	28,380	232	43	SOULP-40	10.6	0/0	0/0	232/43	0/0	0/0	0/0	
OM7LW	34,008	221	52	SOULP-20	7.9	0/0	0/0	0/0	221/52	0/0	0/0	
OM8ATS	4,392	62	24	SOUQRP-20	6.3	0/0	0/0	0/0	62/24	0/0	0/0	
OM6MW	1,170	26	15	SOULP-20	1.0	0/0	0/0	0/0	26/15	0/0	0/0	
OM8CW	195,585	1,117	59	SOUHP-15	15.3	0/0	0/0	0/0	0/0	1,117/59	0/0	
OM3CW	96,936	587	56	SOUHP-15	7.6	0/0	0/0	0/0	0/0	587/56	0/0	
OM3CGN	11,484	116	33	SOLP-10	5.0	0/0	0/0	0/0	0/0	0/0	116/33	
Slovenia												
S51PU	11,970	99	42	SOLP	8.5	0/0	0/0	0/0	40/17	54/21	5/4	
S51WX (L)	2,880	51	20	SOLP	3.9	0/0	51/20	0/0	0/0	0/0	0/0	
S53TG	2,871	34	29	SOQRP	1.8	0/0	1/1	9/8	12/9	12/11	0/0	
S57AL	2,989,530	3,460	295	SOUHP	39.2	54/21	404/45	900/58	833/60	804/60	465/51	
S53A	2,753,268	3,188	292	SOUHP	35.8	80/26	331/43	677/54	863/60	744/56	493/53	
S53R	1,613,850	2,041	265	SOUHP	19.5	74/26	240/38	397/46	672/57	442/53	216/45	
S53M	1,434,672	1,992	243	SOUHP	18.8	0/0	162/35	560/48	646/58	463/58	161/44	
S52NR	1,314,915	1,837	245	SOULP	27.5	7/7	165/34	459/50	532/57	480/56	194/41	
S5ØR	496,320	980	176	SOUHP	22.6	0/0	0/0	298/42	282/49	285/48	115/37	
S53V (L)	260,325	448	195	SOUHP	7.2	6/6	54/22	80/36	144/47	54/40	110/44	
S53K	237,384	523	157	SOULP	9.2	0/0	56/22	234/39	139/44	66/33	28/19	
S57KM (L)	197,784	496	134	SOULP	10.3	0/0	30/14	198/37	109/30	119/35	40/18	
S52A	158,364	513	106	SOUHP	6.3	0/0	8/7	146/35	298/45	55/18	6/1	
S51CAB (S53WW, op)	126,360	395	108	SOUHP	7.5	0/0	0/0	0/0	129/35	111/38	155/35	
S53F	120,012	295	137	SOUHP	5.3	0/0	102/36	97/40	21/18	54/23	21/20	
S52W	70,686	199	119	SOULP	4.0	0/0	16/12	84/34	29/26	50/30	20/17	
S52AU (L)	56,511	211	91	SOULP	7.1	0/0	0/0	0/0	41/24	111/39	59/28	
S52BT	50,904	208	84	SOUHP	10.7	0/0	0/0	0/0	71/26	104/37	33/21	
S58D	33,069	154	73	SOULP	4.7	0/0	0/0	46/27	83/32	25/14	0/0	
S56C (L)	23,562	122	66	SOULP	4.6	0/0	2/2	9/9	74/30	37/25	0/0	
S51RW (L)	17,136	117	51	SOULP	8.8	0/0	0/0	0/0	51/23	61/24	5/4	
S53ZO (L)	7,296	64	38	SOULP	1.4	0/0	15/14	49/24	0/0	0/0	0/0	
S53O	10,179	121	29	SOUHP-160	6.8	121/29	0/0	0/0	0/0	0/0	0/0	
S56X (L)	4,320	79	20	SOUHP-160	5.0	79/20	0/0	0/0	0/0	0/0	0/0	
S53X (L)	46,371	391	41	SOHP-80	14.7	0/0	391/41	0/0	0/0	0/0	0/0	
S5ØA	3,087	49	21	SOHP-80	5.8	0/0	49/21	0/0	0/0	0/0	0/0	
S57Q	67,896	510	46	SOUHP-80	14.9	0/0	510/46	0/0	0/0	0/0	0/0	

S51YI	63,045	476	45	SOUHP-80	15.8	0/0	476/45	0/0	0/0	0/0	0/0	
S51J	141,075	880	55	SOUHP-40	14.8	0/0	0/0	880/55	0/0	0/0	0/0	
S53D (S5ØDK, op)	108,438	715	53	SOUHP-40	20.9	0/0	0/0	715/53	0/0	0/0	0/0	
S52P	30,135	249	41	SOUQRP-40	13.4	0/0	0/0	249/41	0/0	0/0	0/0	
S58R (L)	16,263	146	39	SOUQRP-40	10.9	0/0	0/0	146/39	0/0	0/0	0/0	
S57EA (L)	3,375	45	25	SOUQRP-40	3.6	0/0	0/0	45/25	0/0	0/0	0/0	
S51Z	24,768	192	43	SOQRP-20	14.1	0/0	0/0	0/0	192/43	0/0	0/0	
S51DX	52,938	355	51	SOUHP-20	8.8	0/0	0/0	0/0	355/51	0/0	0/0	
S59ZZ	38,160	270	48	SOQRP-15	11.8	0/0	0/0	0/0	0/0	270/48	0/0	
S5/MØMPM (L)	3,024	45	24	SOQRP-15	4.5	0/0	0/0	0/0	0/0	45/24	0/0	
S5ØK	212,280	1,176	61	SOUHP-15	18.3	0/0	0/0	0/0	0/0	1,176/61	0/0	
S51MM	187,380	1,051	60	SOUHP-15	17.6	0/0	0/0	0/0	0/0	1,051/60	0/0	
S54O	91,155	516	59	SOUHP-15	9.6	0/0	0/0	0/0	0/0	516/59	0/0	
S51A (S5ØB, op)	52,773	371	49	SOHP-10	10.1	0/0	0/0	0/0	0/0	0/0	371/49	
S5ØU	97,767	650	51	SOUHP-10	11.3	0/0	0/0	0/0	0/0	0/0	650/51	
S59A	4,275	58	25	SOUQRP-10	1.4	0/0	0/0	0/0	0/0	0/0	58/25	
S59MA (L)	3,432	52	22	SOULP-10	2.8	0/0	0/0	0/0	0/0	0/0	52/22	
Spain												
EA7/PA5JF (L)	411,879	783	179	SOLP	21.7	0/0	45/17	87/31	274/45	199/46	178/40	
EA7BEZ	301,278	679	149	SOLP	13.0	0/0	0/0	230/38	182/35	205/50	62/26	
ED3T (EA3FZT, op)	226,200	594	130	SOLP	7.6	0/0	0/0	129/29	282/45	147/40	36/16	
EB5F	207,000	557	125	SOHP	8.0	0/0	0/0	0/0	167/40	229/47	161/38	
EA7GVR	116,820	299	132	SOHP	14.2	0/0	0/0	50/27	80/35	97/40	72/30	
EA1BDX	56,160	198	96	SOLP	11.0	0/0	0/0	21/17	57/23	50/26	70/30	
EE7I (EA7OR, op) (L)	54,900	196	100	SOLP	11.5	0/0	27/14	19/15	55/25	49/23	46/23	
EA2PA	50,838	240	74	SOLP	5.2	0/0	0/0	3/3	113/26	64/24	60/21	
EA3DA	33,777	140	81	SOLP	7.0	0/0	11/7	49/25	24/15	42/25	14/9	
EA5IT (L)	26,676	137	78	SOLP	11.7	0/0	0/0	33/20	33/19	52/27	19/12	
EE5E (L)	20,352	110	64	SOQRP	8.9	0/0	0/0	6/6	31/15	33/20	40/23	
EA5CP	17,325	107	55	SOLP	5.6	0/0	0/0	0/0	27/16	48/22	32/17	
EA3BRL (L)	16,692	107	52	SOLP	8.9	0/0	0/0	48/19	13/9	36/19	10/5	
EA5XQ (L)	11,421	82	47	SOLP	4.6	0/0	0/0	16/9	24/11	16/12	26/15	
EA3EBN	9,960	85	40	SOLP	7.4	0/0	4/4	33/16	48/20	0/0	0/0	
EA3WX	9,180	74	45	SOQRP	4.7	0/0	0/0	0/0	19/12	30/17	25/16	
EE2A (EA2SN, op) (L)	9,072	65	48	SOQRP	3.7	0/0	6/5	32/21	11/8	4/4	12/10	
EA1IED (L)	5,130	47	38	SOLP	2.9	0/0	0/0	14/12	14/11	19/15	0/0	
EA/TF3CW (L)	4,992	61	32	SOLP	2.7	0/0	0/0	0/0	21/10	38/20	2/2	
EA4JM	4,185	49	31	SOLP	4.7	0/0	0/0	16/10	0/0	22/13	11/8	
EA1B	4,104	40	38	SOHP	3.5	0/0	0/0	0/0	17/16	19/18	4/4	
EC7C	3,690	42	30	SOLP	2.4	0/0	4/4	28/16	7/7	3/3	0/0	
EA1BP	2,070	30	23	SOQRP	1.9	0/0	0/0	0/0	0/0	11/9	19/14	
EA1GT	2,016	28	24	SOQRP	1.2	0/0	0/0	0/0	10/8	18/16	0/0	
EA4U (L)	1,764	28	21	SOLP	2.4	0/0	0/0	0/0	3/3	7/7	18/11	
EC5AGM	432	12	12	SOLP	0.5	0/0	0/0	3/3	2/2	5/5	2/2	
EA3EP	147	10	7	SOLP	0.6	0/0	0/0	0/0	3/3	0/0	7/4	
EA3EE (L)	120	11	10	SOLP	2.6	0/0	0/0	4/3	0/0	7/7	0/0	
ED7W (EB7A, op)	4,256,487	4,590	313	SOUHP	40.1	132/32	393/47	795/57	1,132/61	1,203/61	935/55	
EA1X	2,405,538	2,940	279	SOUHP	20.2	19/13	215/40	540/55	831/60	854/59	481/52	
EC4TA	1,168,824	1,625	248	SOULP	32.0	0/0	118/36	184/49	461/57	518/56	344/50	
EA3AR	1,028,772	1,705	204	SOUHP	21.5	0/0	21/12	381/40	540/56	402/53	361/43	

EA4R	761,670	1,213	210	SOUHP	18.7	0/0	7/7	151/37	361/58	430/58	264/50	
EA1WH (L)	724,500	1,062	230	SOULP	21.5	0/0	97/36	265/44	309/55	291/54	100/41	
EA2KV	476,775	823	195	SOUHP	12.3	0/0	43/21	84/37	227/46	338/55	131/36	
EC1KR	413,946	810	174	SOULP	12.0	0/0	7/6	137/37	259/49	255/47	152/35	
EA4KA	386,310	832	158	SOULP	15.6	0/0	0/0	36/19	399/54	212/50	185/35	
EF5Q (EA5OH, op)	382,392	680	188	SOULP	11.8	0/0	55/24	53/23	130/44	276/53	166/44	
EA5YU	371,718	647	193	SOUHP	24.6	0/0	31/18	108/38	158/47	205/49	145/41	
EA2AZ	356,535	707	171	SOULP	17.3	0/0	37/20	82/31	272/51	234/47	82/22	
EA4BAS (L)	347,976	676	179	SOULP	15.7	0/0	11/8	65/32	220/48	219/52	161/39	
EA3IEG (L)	298,908	440	228	SOUHP	21.4	0/0	53/32	117/46	110/52	93/54	67/44	
ED3Q (EA3O, op)	284,088	533	178	SOUQRP	21.9	0/0	23/15	66/31	126/43	185/51	133/38	
EA5GX (L)	269,418	547	166	SOUHP	10.0	0/0	0/0	54/33	199/44	173/51	121/38	
EA4FME	173,055	430	139	SOULP	23.8	0/0	29/18	92/29	140/33	145/45	24/14	
ED1R (EA4AOC, op)	142,632	861	56	SOULP	14.4	0/0	0/0	861/56	0/0	0/0	0/0	
EA5ICL	117,180	315	124	SOUQRP	17.8	1/1	15/12	60/26	111/33	80/35	48/17	
EC3AIT	97,755	250	133	SOUHP	6.1	0/0	0/0	0/0	101/50	86/48	63/35	
EA3ATM	92,820	269	119	SOULP	7.5	0/0	0/0	103/33	56/31	71/33	39/22	
ED1S (EA1IQM, op)	77,361	246	107	SOULP	5.7	0/0	5/5	28/17	50/27	98/33	65/25	
EA1TG	59,400	204	99	SOULP	6.8	0/0	0/0	5/4	96/40	51/30	52/25	
EA5DO	51,342	202	86	SOULP	5.0	0/0	0/0	31/16	94/28	45/26	32/16	
EA4CWW (L)	34,974	134	87	SOULP	10.5	0/0	8/7	20/15	28/18	41/25	37/22	
EA3GEO	25,410	113	77	SOULP	8.8	0/0	0/0	28/21	58/35	27/21	0/0	
EA3DZ	23,718	136	59	SOULP	4.0	0/0	66/23	48/24	22/12	0/0	0/0	
EA7A	19,239	122	53	SOUHP	1.8	0/0	0/0	0/0	0/0	88/33	34/20	
EA7GZQ	18,228	125	49	SOUHP	4.7	0/0	0/0	42/19	83/30	0/0	0/0	
EA5DFV	17,523	99	59	SOUHP	1.9	0/0	0/0	38/20	18/11	13/10	30/18	
EC4DEP	13,350	90	50	SOULP	5.9	0/0	0/0	0/0	8/7	38/21	44/22	
EA2DDE	10,584	66	56	SOUHP	4.1	0/0	3/3	14/13	15/11	19/17	15/12	
EA5MR	8,580	65	44	SOULP	5.8	0/0	0/0	31/22	7/6	27/16	0/0	
EA5BH	2,940	38	28	SOULP	3.0	0/0	0/0	0/0	6/6	16/11	16/11	
EA2GM	1,449	25	21	SOULP	2.8	0/0	0/0	8/8	0/0	2/2	15/11	
EA7BUU	918	19	17	SOUHP	1.3	0/0	0/0	5/5	14/12	0/0	0/0	
EA1L	867	19	17	SOULP	1.3	0/0	0/0	0/0	10/9	9/8	0/0	
EA5C (L)	8,640	97	32	SOHP-160	7.1	97/32	0/0	0/0	0/0	0/0	0/0	
EF5O	40,788	319	44	SOUHP-80	12.8	0/0	319/44	0/0	0/0	0/0	0/0	
EA4KD	156,915	963	55	SOHP-40	16.7	0/0	0/0	963/55	0/0	0/0	0/0	
EA5O (L)	43,200	294	50	SOULP-40	8.2	0/0	0/0	294/50	0/0	0/0	0/0	
EA5XA (L)	32,508	262	42	SOLP-20	7.4	0/0	0/0	0/0	262/42	0/0	0/0	
EA3DMN (L)	2,106	42	18	SOLP-20	4.4	0/0	0/0	0/0	42/18	0/0	0/0	
EA2CAR (L)	858	22	13	SOQRP-20	0.5	0/0	0/0	0/0	22/13	0/0	0/0	
EA3IN	53,424	326	56	SOUHP-20	6.2	0/0	0/0	0/0	326/56	0/0	0/0	
EA3XR	15,246	122	42	SOULP-20	3.1	0/0	0/0	0/0	122/42	0/0	0/0	
EA5L	4,305	41	35	SOULP-20	1.0	0/0	0/0	0/0	41/35	0/0	0/0	
ED3O (EA3CX, op)	225,720	1,263	60	SOHP-15	20.6	0/0	0/0	0/0	0/0	1,263/60	0/0	
EA3X	18,396	152	42	SOHP-15	1.4	0/0	0/0	0/0	0/0	152/42	0/0	
EA5ITT	15,912	137	39	SOLP-15	6.7	0/0	0/0	0/0	0/0	137/39	0/0	
EA2ESU	8,208	80	36	SOLP-15	3.4	0/0	0/0	0/0	0/0	80/36	0/0	
EA4FIT	966	23	14	SOHP-15	1.2	0/0	0/0	0/0	0/0	23/14	0/0	
EA1CBX (L)	69,498	431	54	SOULP-15	12.1	0/0	0/0	0/0	0/0	431/54	0/0	
EA4M (L)	12,474	99	42	SOULP-15	1.5	0/0	0/0	0/0	0/0	99/42	0/0	

EC5K	96,600	653	50	SOHP-10	5.6	0/0	0/0	0/0	0/0	0/0	653/50	
EA4CS	429	16	11	SOQRP-10	1.4	0/0	0/0	0/0	0/0	0/0	16/11	
EA3NO	62,400	406	52	SOULP-10	10.6	0/0	0/0	0/0	0/0	0/0	406/52	
EC4C	12,870	134	33	SOUHP-10	0.8	0/0	0/0	0/0	0/0	0/0	134/33	
EA3AVV	11,058	97	38	SOULP-10	3.9	0/0	0/0	0/0	0/0	0/0	97/38	
EA3OH	8,484	102	28	SOUHP-10	2.3	0/0	0/0	0/0	0/0	0/0	102/28	
EA5JPR (LU1FAM, op)	7,482	88	29	SOULP-10	1.8	0/0	0/0	0/0	0/0	0/0	88/29	
EA1ASG (L)	3,384	50	24	SOUHP-10	1.8	0/0	0/0	0/0	0/0	0/0	50/24	
Sweden												
SM7CIL	161,523	413	131	SOLP	16.0	0/0	0/0	26/19	167/47	164/45	56/20	
SM6EAN	123,984	339	123	SOHP	9.8	12/10	55/19	69/29	99/35	103/29	1/1	
SM5INC	116,550	375	105	SOHP	9.9	0/0	0/0	5/4	269/54	90/37	11/10	
SM5/UY5OO	51,156	202	87	SOLP	15.9	0/0	1/1	34/20	105/36	58/26	4/4	
SM5CSS	36,735	156	79	SOLP	7.5	0/0	1/1	7/7	59/35	86/33	3/3	
SD6M	36,075	190	65	SOLP	4.4	0/0	0/0	2/2	117/37	71/26	0/0	
SD1A (SM1TDE, op) (L)	33,654	158	71	SOHP	7.4	0/0	0/0	20/15	59/27	79/29	0/0	
SM6IQD	20,280	108	65	SOLP	8.0	0/0	20/12	21/16	32/17	33/18	2/2	
SM5LBR (L)	16,677	114	51	SOLP	4.8	0/0	0/0	0/0	42/23	72/28	0/0	
SM5KQS (L)	13,959	100	47	SOLP	9.1	0/0	0/0	1/1	67/28	32/18	0/0	
SC6O (SM6OEF, op)	9,963	86	41	SOLP	5.2	0/0	0/0	49/21	37/20	0/0	0/0	
SM5ACQ (L)	6,360	57	40	SOLP	4.8	0/0	0/0	15/11	14/13	28/16	0/0	
SM5Q	6,240	55	40	SOHP	4.0	0/0	14/11	8/7	27/16	3/3	3/3	
SM6FGN	6	2	2	SOLP	0.3	0/0	0/0	0/0	2/2	0/0	0/0	
SM7GVF	889,704	1,392	216	SOUHP	29.3	0/0	76/23	199/40	479/55	499/57	139/41	
SC7DX (SM7GIB, op)	616,962	975	214	SOUHP	19.0	53/18	70/22	78/27	319/57	289/55	166/35	
SE5E (SM5AJV, op)	512,295	843	205	SOUHP	18.1	0/0	30/21	116/46	395/53	250/50	52/35	
SMØD	163,530	400	138	SOUHP	7.1	0/0	1/1	34/27	136/45	199/41	30/24	
SE5T (SM5GRD, op)	161,595	400	135	SOUHP	7.2	0/0	1/1	45/30	173/47	164/44	17/13	
SM6MCW	118,104	298	133	SOUHP	4.0	1/1	36/18	27/22	130/46	100/42	4/4	
SM6F	81,180	248	110	SOULP	6.5	0/0	19/12	16/11	87/35	91/34	35/18	
SE6CW	77,634	229	114	SOUHP	11.5	0/0	19/13	46/28	52/28	96/34	16/11	
SF5X (SM5EFX, op)	69,888	210	112	SOUHP	4.5	0/0	6/6	42/29	53/28	107/47	2/2	
SM6LJU	69,336	219	108	SOUHP	7.6	0/0	0/0	51/28	103/36	56/35	9/9	
SM3PZG	57,855	206	95	SOUHP	6.0	0/0	5/5	31/23	81/31	85/33	4/3	
SE4E (SM4DQE, op) (L)	55,290	197	95	SOULP	9.4	0/0	6/6	32/19	72/36	83/31	4/3	
SK6AW (SM6FZO, op)	48,954	206	82	SOULP	8.4	0/0	2/2	61/27	62/21	52/17	29/15	
SM5EPO	32,856	151	74	SOUHP	5.7	0/0	0/0	15/10	46/24	84/36	6/4	
SD3A (SM3FJF, op) (L)	27,450	155	61	SOUHP	9.6	0/0	5/5	2/2	22/19	126/35	0/0	
SF6J (SM6DHF, op) (L)	26,316	132	68	SOULP	6.6	0/0	0/0	27/20	42/18	63/30	0/0	
SFØA (SMØLPO, op)	17,316	111	52	SOUQRP	4.8	0/0	0/0	22/16	77/28	12/8	0/0	
SM7RYR	11,868	92	46	SOULP	4.2	0/0	0/0	0/0	61/27	11/8	20/11	
SM7IUN (L)	2,418	31	26	SOUHP	0.4	0/0	4/3	7/7	9/7	11/9	0/0	
SM3LGO	75	5	5	SOULP	0.5	0/0	0/0	0/0	3/3	2/2	0/0	
SM5X (L)	7,857	100	27	SOUHP-80	4.9	0/0	100/27	0/0	0/0	0/0	0/0	
SF6F	1,404	27	18	SOUHP-40	1.4	0/0	0/0	27/18	0/0	0/0	0/0	
SF5O (SMØEOS, op)	855	19	15	SOULP-40	0.8	0/0	0/0	19/15	0/0	0/0	0/0	
SA2OLM	16,770	140	43	SOLP-20	16.6	0/0	0/0	0/0	140/43	0/0	0/0	
SK5A (SM5GMZ, op) (L)	9,384	94	34	SOHP-20	1.4	0/0	0/0	0/0	94/34	0/0	0/0	
SMØOEK	6,954	61	38	SOULP-20	2.2	0/0	0/0	0/0	61/38	0/0	0/0	
SF6W (SM6EWB, op) (L)	17,640	140	42	SOLP-15	4.1	0/0	0/0	0/0	0/0	140/42	0/0	

SM7JNT	12,996	122	38	SOLP-15	6.5	0/0	0/0	0/0	0/0	122/38	0/0	
SM2M (SM2LIY, op)	183,000	1,004	61	SOUHP-15	22.3	0/0	0/0	0/0	0/0	1,004/61	0/0	
SEØX	42,588	286	52	SOUHP-15	8.6	0/0	0/0	0/0	0/0	286/52	0/0	
SM6CNN	42,135	266	53	SOULP-15	9.1	0/0	0/0	0/0	0/0	266/53	0/0	
Switzerland												
HB9DCM	136,224	352	132	SOLP	11.3	0/0	3/3	69/25	133/40	66/31	81/33	
HB9DND	23,364	123	66	SOLP	8.3	0/0	0/0	13/9	31/18	51/27	28/12	
HB9AFZ	20,295	126	55	SOHP	7.9	0/0	0/0	72/31	53/23	1/1	0/0	
HB9EGA (L)	540	18	12	SOLP	1.6	0/0	0/0	0/0	9/6	9/6	0/0	
HB2T (HB9EMP, op)	1,222,605	1,555	269	SOUHP	17.7	61/21	68/33	381/50	329/59	576/59	140/47	
HB9TSW	563,640	867	220	SOULP	20.4	15/11	134/29	159/38	213/45	200/49	146/48	
HB9AUK	339,633	606	189	SOUHP	23.6	0/0	42/21	117/40	225/47	156/47	66/34	
HB9CYN	303,072	623	164	SOULP	21.6	0/0	11/10	65/25	222/47	206/48	119/34	
HB9AZZ (L)	285,192	469	204	SOUHP	20.5	13/9	70/32	72/41	99/49	156/49	59/24	
HB9CIC	227,874	483	163	SOULP	14.2	0/0	4/4	59/32	181/49	153/47	86/31	
HB9LCW	175,311	395	151	SOULP	21.3	0/0	21/13	60/29	161/44	118/45	35/20	
HB9IIH (L)	154,125	398	137	SOULP	19.6	0/0	38/18	84/29	101/28	55/29	120/33	
HB9GFT	151,410	500	103	SOUHP	9.1	0/0	0/0	0/0	219/50	280/52	1/1	
HB9HBY	92,202	258	127	SOULP	15.4	0/0	8/8	59/19	80/34	73/39	38/27	
HB5ØFX (HB9CDH, op) (L)	86,400	230	128	SOULP	12.0	1/1	54/23	62/26	35/26	52/36	26/16	
HB9GZP	70,272	196	122	SOULP	8.5	0/0	0/0	56/34	63/40	73/44	4/4	
HB9BAS	60,300	207	100	SOULP	10.7	0/0	0/0	0/0	45/30	74/36	88/34	
HB9RB (L)	7,482	59	43	SOULP	3.2	0/0	0/0	30/21	29/22	0/0	0/0	
HB9HWI (L)	6,120	52	40	SOULP	4.4	0/0	0/0	6/5	9/8	27/20	10/7	
HB9HTF	37,398	274	46	SOULP-40	8.6	0/0	0/0	274/46	0/0	0/0	0/0	
HB9ARF	61,776	398	52	SOLP-20	15.3	0/0	0/0	0/0	398/52	0/0	0/0	
HB9FAP	188,790	1,106	58	SOUHP-20	22.2	0/0	0/0	0/0	1,106/58	0/0	0/0	
HB9AMO (L)	38,478	246	53	SOULP-20	16.9	0/0	0/0	0/0	246/53	0/0	0/0	
HB9DOS	28,905	209	47	SOUHP-20	4.6	0/0	0/0	0/0	209/47	0/0	0/0	
Ukraine												
UV1IX	77,697	277	97	SOHP	6.3	0/0	0/0	8/6	122/48	147/43	0/0	
US7UK (L)	75,936	234	112	SOLP	10.0	0/0	0/0	38/20	91/39	77/37	28/16	
UT7EZ (L)	54,288	211	87	SOLP	14.5	0/0	1/1	42/20	98/39	51/20	19/7	
UR5TFT	51,273	216	81	SOLP	9.5	0/0	0/0	25/16	31/20	113/31	47/14	
UW3WF	41,334	167	83	SOLP	13.8	0/0	2/2	33/18	48/26	63/25	21/12	
UT4EK	33,288	147	76	SOLP	11.4	0/0	0/0	30/16	53/29	61/28	3/3	
UY7RR	23,607	130	61	SOLP	7.8	0/0	1/1	19/12	20/13	60/23	30/12	
UT6ER	16,686	105	54	SOLP	7.2	0/0	0/0	9/5	51/26	39/19	6/4	
UR1HR	14,700	104	50	SOLP	7.5	0/0	2/2	56/25	1/1	45/22	0/0	
UR5TGK	10,434	74	47	SOLP	5.8	0/0	1/1	15/11	36/22	16/10	6/3	
US8UA (L)	4,680	58	30	SOLP	3.0	0/0	0/0	0/0	15/11	43/19	0/0	
UY2ZZ	3,612	45	28	SOHP	3.3	0/0	0/0	5/4	9/6	30/17	1/1	
US7UC (L)	3,444	41	28	SOLP	4.1	0/0	0/0	16/9	7/5	16/12	2/2	
US5ZCF (L) (Y)	3,168	44	24	SOLP	6.7	0/0	0/0	10/9	0/0	34/15	0/0	
UTØCK	1,440	24	20	SOLP	2.7	0/0	0/0	5/5	10/8	9/7	0/0	
UT3QU	1,173	23	17	SOHP	2.4	4/4	19/13	0/0	0/0	0/0	0/0	
UX2HB	108	7	6	SOLP	0.8	0/0	0/0	0/0	0/0	7/6	0/0	
UW5Y (US2YW, op)	2,023,866	2,460	279	SOUHP	32.7	39/21	286/45	622/54	556/60	675/57	282/42	
UR2Y (USØYW, op)	216,972	447	164	SOUQRP	15.6	0/0	26/21	89/33	154/45	149/45	29/20	
US6EX	192,525	430	151	SOUHP	13.2	4/4	93/26	69/26	90/38	147/40	27/17	

UT7CR	157,488	391	136	SOUHP	15.9	0/0	31/15	78/34	198/54	84/33	0/0	
UW5ZM (L)	139,500	375	125	SOULP	17.6	0/0	0/0	90/38	101/40	175/38	9/9	
UW2U (UR8UQ, op)	137,625	372	125	SOUHP	9.8	0/0	76/26	148/34	128/45	20/20	0/0	
UX1VT (L)	90,294	299	101	SOULP	11.8	0/0	5/5	58/22	64/30	151/35	21/9	
UT2II	77,592	250	106	SOULP	9.1	0/0	50/22	95/30	40/21	65/33	0/0	
UW5IM	68,040	255	90	SOULP	12.1	0/0	0/0	19/11	78/27	119/37	39/15	
UR7EC (L)	61,074	236	87	SOULP	12.4	0/0	5/5	95/29	37/20	96/30	3/3	
UT7NI (L)	36,267	167	77	SOUQRP	5.3	0/0	1/1	12/11	51/24	87/30	16/11	
US1VM	29,172	151	68	SOULP	7.1	0/0	5/5	44/19	16/12	79/26	7/6	
UT2UB (L)	26,715	139	65	SOUHP	4.7	0/0	0/0	43/24	70/28	26/13	0/0	
UT1FT (L)	25,740	133	66	SOULP	4.3	1/1	0/0	0/0	45/26	84/36	3/3	
EMØF (UXØFF, op) (L)	21,450	115	65	SOULP	3.8	0/0	0/0	1/1	26/18	69/31	19/15	
US7IM	15,660	120	45	SOULP	5.4	0/0	0/0	0/0	35/19	85/26	0/0	
UR4QFP	7,956	70	39	SOULP	8.3	0/0	1/1	7/7	31/16	30/14	1/1	
UT8LU	4,698	56	29	SOULP	4.1	0/0	0/0	0/0	9/8	47/21	0/0	
UX1CL (L)	2,754	35	27	SOULP	3.7	0/0	6/6	1/1	28/20	0/0	0/0	
UR5R (UTØRM, op)	1,767	31	19	SOUHP	1.2	0/0	3/3	28/16	0/0	0/0	0/0	
UR5ECW (L)	264	11	8	SOUHP	0.2	0/0	0/0	0/0	2/2	9/6	0/0	
UW5ZO	1,488	34	16	SOUHP-160	2.3	34/16	0/0	0/0	0/0	0/0	0/0	
UXØLL	25,026	205	43	SOHP-40	4.5	0/0	0/0	205/43	0/0	0/0	0/0	
UT5UGR	1,302	32	14	SOHP-40	0.8	0/0	0/0	32/14	0/0	0/0	0/0	
UR7MZ (L)	4,437	52	29	SOULP-40	2.8	0/0	0/0	52/29	0/0	0/0	0/0	
UT3N (UT3NK, op) (L)	3,150	44	25	SOUHP-40	3.1	0/0	0/0	44/25	0/0	0/0	0/0	
US5VX	12,519	109	39	SOQRP-20	9.7	0/0	0/0	0/0	109/39	0/0	0/0	
UR7HJD	75	5	5	SOLP-20	0.4	0/0	0/0	0/0	5/5	0/0	0/0	
UR4LIN (L)	12	2	2	SOHP-20	0.1	0/0	0/0	0/0	2/2	0/0	0/0	
UT3EV	8,610	85	35	SOUHP-20	4.7	0/0	0/0	0/0	85/35	0/0	0/0	
UR5XMM (L)	504	15	12	SOUHP-20	0.4	0/0	0/0	0/0	15/12	0/0	0/0	
UT5EL	114,057	674	57	SOHP-15	11.1	0/0	0/0	0/0	0/0	674/57	0/0	
US4EX (L)	27,777	199	47	SOHP-15	9.0	0/0	0/0	0/0	0/0	199/47	0/0	
UR5CC (L)	5,025	68	25	SOLP-15	3.9	0/0	0/0	0/0	0/0	68/25	0/0	
UR5EJ	4,092	63	22	SOLP-15	5.6	0/0	0/0	0/0	0/0	63/22	0/0	
UT3QZ (L)	1,632	34	16	SOLP-15	2.9	0/0	0/0	0/0	0/0	34/16	0/0	
UX5UN	1,479	29	17	SOLP-15	1.1	0/0	0/0	0/0	0/0	29/17	0/0	
UT7ZM (L)	840	20	14	SOHP-15	1.4	0/0	0/0	0/0	0/0	20/14	0/0	
UY5LW	44,217	292	51	SOUHP-15	10.1	0/0	0/0	0/0	0/0	292/51	0/0	
UR8RF	4,032	57	24	SOUHP-15	1.6	0/0	0/0	0/0	0/0	57/24	0/0	
UR5FEO	1,344	29	16	SOULP-15	2.5	0/0	0/0	0/0	0/0	29/16	0/0	

Call	Score	QSOs	Mults	Category	Hours	160	80	40	20	15	10	Operator(s) and/or Host
North America												
Alaska												

AL7LO	259,860	614	142	SOHP	5.2	0/0	0/0	0/0	227/51	147/42	240/49	
AL1G	205,125	556	125	SOHP	6.5	0/0	0/0	0/0	138/43	347/52	71/30	
KL7AC	476,160	1,002	160	SOULP	11.5	0/0	0/0	19/12	237/48	558/55	188/45	
KL7P (L)	20,856	159	44	SOLP-15	11.5	0/0	0/0	0/0	0/0	159/44	0/0	
KL2R (N1TX, op)	61,056	385	53	SOHP-10	4.7	0/0	0/0	0/0	0/0	0/0	385/53	
Anguilla												
VP2EEU (L)	1,433,835	2,240	215	SOLP	33.2	0/0	0/0	418/47	647/56	620/58	555/54	
Antigua & Barbuda												
V26OC (N3OC, op)	26,019	147	59	SOUHP	1.5	3/2	6/5	4/3	8/4	123/43	3/2	
Barbados												
8P5A	7,018,620	6,936	340	SOHP	48.0	212/43	699/58	1,187/59	1,464/60	1,728/60	1,646/60	
8P9SR (W6KSR, op) (L)	145,494	415	118	SOLP	10.8	0/0	0/0	0/0	131/40	196/41	88/37	
Belize												
V30 (DL8UD, op)	2,697,303	2,954	311	SOUHP	36.5	157/40	290/50	469/52	777/58	604/57	657/54	
V31DJ (WØCP, op)	235,800	1,338	60	SOUHP-40	31.4	0/0	0/0	1,338/60	0/0	0/0	0/0	
Costa Rica												
TI7W (N4YDU, op)	7,003,845	6,866	345	SOHP	45.7	319/47	767/58	1,224/59	1,410/60	1,584/60	1,562/61	
TI2OY	884,358	1,470	206	SOLP	21.3	0/0	0/0	346/49	352/51	363/55	409/51	
TI5JON	8,640	98	30	SOLP-40	1.3	0/0	0/0	98/30	0/0	0/0	0/0	
TI5/VA3RA (VE3IKV, op) (L)	159,036	940	58	SOLP-10	12.0	0/0	0/0	0/0	0/0	0/0	940/58	
Cuba												
CO8ZZ	155,556	905	58	SOLP-40	17.1	0/0	0/0	905/58	0/0	0/0	0/0	
Dominican Republic												
HI9/F8AAN (L)	323,544	830	136	SOLP	12.4	0/0	0/0	0/0	284/41	279/49	267/46	
HI8R	4,692	48	34	SOHP	3.5	0/0	0/0	27/18	4/4	16/11	1/1	
HI3A (L)	85,488	561	52	SOLP-40	10.5	0/0	0/0	561/52	0/0	0/0	0/0	
HI6M	23,310	203	42	SOULP-15	11.9	0/0	0/0	0/0	0/0	203/42	0/0	
Greenland												
OX3LX (L)	6,966	58	43	SOULP	2.6	0/0	0/0	0/0	45/32	13/11	0/0	
Grenada												
J35X	196,380	1,099	60	SOLP-10	16.6	0/0	0/0	0/0	0/0	0/0	1,099/60	
Jamaica												
6Y1A (NØGJW, op)	1,512	29	18	SOLP-20	0.9	0/0	0/0	0/0	29/18	0/0	0/0	
6Y/AI5IN	194,220	1,085	60	SOQRP-15	18.9	0/0	0/0	0/0	0/0	1,085/60	0/0	
6Y6N (L)	119,616	720	56	SOLP-15	11.7	0/0	0/0	0/0	0/0	720/56	0/0	
Martinique												
TO4A (VE3DZ, op)	6,024,975	6,032	335	SOHP	47.4	180/40	653/58	995/58	1,366/60	1,392/60	1,446/59	
Mexico												
XE2E	704,778	1,208	202	SOLP	21.5	0/0	0/0	168/45	379/52	372/53	289/52	
XE2MXZ	6,954	63	38	SOLP	4.3	0/0	0/0	10/10	53/28	0/0	0/0	
XE2IF	231,420	596	133	SOULP	5.8	0/0	0/0	0/0	79/37	245/49	272/47	
XE2GRC	84,966	269	119	SOULP	12.4	0/0	0/0	86/33	84/40	70/30	29/16	
XE2X	57,564	373	52	SOUHP-160	6.7	373/52	0/0	0/0	0/0	0/0	0/0	
XE2MWY	1,344	32	14	SOLP-15	2.4	0/0	0/0	0/0	0/0	32/14	0/0	
XE1CT	182,664	1,046	59	SOHP-10	13.2	0/0	0/0	0/0	0/0	0/0	1,046/59	
Montserrat												
VP2M (VP2MAA, op)	41,013	292	49	SOULP-160	13.5	292/49	0/0	0/0	0/0	0/0	0/0	

Panama												
HP1TT (NC6Q, op) (L)	43,263	221	69	SOLP	8.1	0/0	0/0	14/10	9/7	188/47	10/5	
HP1IBF	2,706	42	22	SOLP-10	4.8	0/0	0/0	0/0	0/0	0/0	42/22	
Puerto Rico												
WP3A	2,472,690	2,817	295	SOULP	36.1	25/16	256/49	324/54	535/59	829/59	848/58	
KP3W	24,570	117	70	SOULP	3.0	0/0	8/5	26/16	32/15	36/23	15/11	
KP4JFR (L)	7,068	78	31	SOULP-40	3.3	0/0	0/0	78/31	0/0	0/0	0/0	
KP4PUA	2,925	39	25	SOULP-40	2.3	0/0	0/0	39/25	0/0	0/0	0/0	
W1AW/KP4 (KP4JRS, op)	39,996	309	44	SOULP-20	1.8	0/0	0/0	0/0	309/44	0/0	0/0	
KP4NZ (WØEAS, op)	50,184	330	51	SOLP-15	4.4	0/0	0/0	0/0	0/0	330/51	0/0	
NP4E	139,194	836	57	SOULP-15	14.0	0/0	0/0	0/0	0/0	836/57	0/0	
NP3YL	129,108	752	58	SOULP-15	6.1	0/0	0/0	0/0	0/0	752/58	0/0	
WP3E (KP3B, op)	396	19	11	SOLP-10	2.4	0/0	0/0	0/0	0/0	0/0	19/11	
WP4WW (KP4JRS, op)	86,832	541	54	SOULP-10	4.3	0/0	0/0	0/0	0/0	0/0	541/54	
Saint Kitts & Nevis												
V47Y (KØYA, op) (L)	2,081,367	2,515	281	SOLP	31.6	46/22	179/37	543/55	711/56	631/59	405/52	
Sint Maarten												
PJ7/4Z5LA (L)	198,771	1,170	59	SOLP-40	25.3	0/0	0/0	1,170/59	0/0	0/0	0/0	
United Nations HQ												
4U1UN (HB9HDV, op)	962,445	1,575	209	SOLP	25.9	0/0	210/36	563/57	482/54	269/45	51/17	
US Virgin Islands												
KP2M (KT3Y, op)	4,022,514	4,132	326	SOHP	24.4	168/41	424/54	523/56	1,004/58	893/57	1,120/60	
KP2B (NP4Z, op)	4,633,050	4,688	335	SOUHP	40.5	125/39	364/55	843/59	1,025/61	1,148/61	1,183/60	
NP2J (K8RF, op)	55,080	366	51	SOHP-160	14.2	366/51	0/0	0/0	0/0	0/0	0/0	
Call	Score	QSOs	Mults	Category	Hours	160	80	40	20	15	10	Operator(s) and/or Host
Oceania												
Australia												
VK2GR	658,260	1,076	207	SOHP	15.0	1/1	50/28	198/43	498/53	172/44	157/38	
VK7GN	221,760	487	160	SOHP	11.9	2/2	28/22	96/35	235/46	89/35	37/20	
VJ3A (VK3JA, op)	143,685	524	93	SOHP	9.2	0/0	11/9	340/48	165/33	3/1	5/2	
VL2Y (VK2EZF, op)	37,296	172	74	SOLP	14.7	0/0	3/3	113/38	25/17	20/10	11/6	
VL4D (VK2IM, op)	686,694	1,200	193	SOULP	27.8	0/0	5/4	478/52	206/41	276/49	235/47	
VK5GG (L)	3,444	41	28	SOULP	4.3	0/0	3/3	34/22	4/3	0/0	0/0	
VK4DRK	2,448	34	24	SOULP	3.4	0/0	0/0	19/14	1/1	7/4	7/5	
VK3GK	1,710	30	19	SOHP-40	2.8	0/0	0/0	30/19	0/0	0/0	0/0	
VK6M	780	22	13	SOLP-40	3.4	0/0	0/0	22/13	0/0	0/0	0/0	
VK4M (VK4SN, op)	53,856	357	51	SOUHP-40	6.5	0/0	0/0	357/51	0/0	0/0	0/0	
VK3GF (L)	3,366	55	22	SOULP-20	4.6	0/0	0/0	0/0	55/22	0/0	0/0	
VK5TOM (L)	405	15	9	SOULP-20	0.6	0/0	0/0	0/0	15/9	0/0	0/0	
VK4FJ	2,499	50	17	SOULP-15	4.8	0/0	0/0	0/0	0/0	50/17	0/0	
VK4DX	36,378	260	47	SOHP-10	2.8	0/0	0/0	0/0	0/0	0/0	260/47	
Fiji												
3D2AG (L)	236,652	537	148	SOHP	5.3	0/0	0/0	198/43	21/19	139/40	179/46	
Hawaii												
KH6TU (AD6E, op)	1,554,480	2,179	240	SOHP	15.8	0/0	49/27	310/47	541/55	618/57	661/54	
KH6CJJ	911,790	1,547	198	SOLP	21.5	1/1	12/10	72/32	305/49	523/53	634/53	

WF1A (L)	84	7	4	SOHP	0.1	0/0	1/1	0/0	1/1	1/1	4/1	
KH7M (NA2U, op)	2,220,462	2,670	281	SOUHP	26.8	14/10	177/47	459/56	432/54	791/59	797/55	
KH6AQ	1,442,994	2,043	238	SOULP	30.1	0/0	77/33	343/51	450/49	643/53	530/52	
AH6AA	315,099	681	157	SOUHP	5.4	0/0	0/0	16/12	223/49	305/54	137/42	
AH7RF	167,112	425	132	SOUQRP	18.0	0/0	7/5	53/21	130/41	111/32	124/33	
KH7W (W6NV, op)	103,125	634	55	SOUHP-80	22.6	0/0	634/55	0/0	0/0	0/0	0/0	
KH6LC	227,601	1,363	57	SOUHP-20	25.1	0/0	0/0	0/0	1,363/57	0/0	0/0	
KH6KB (N6KB, op)	198,882	1,182	58	SOUHP-15	23.8	0/0	0/0	0/0	0/0	1,182/58	0/0	
Indonesia												
YB2VSH (JJ1RJR, op)	605,988	1,142	181	SOHP	26.8	0/0	0/0	235/43	341/54	368/48	198/36	
YB7YGR	45,990	222	70	SOLP	17.1	0/0	0/0	91/25	12/11	55/15	64/19	
YC9FAR	40,626	190	74	SOLP	7.2	0/0	0/0	11/6	9/8	114/35	56/25	
YBØNSI (L)	18,306	119	54	SOLP	11.1	0/0	0/0	20/11	12/11	51/16	36/16	
YB8UTI (L)	15,750	132	42	SOHP	9.1	0/0	0/0	80/23	0/0	37/12	15/7	
YD1FRU	12,276	128	33	SOLP	9.1	0/0	0/0	45/11	0/0	83/22	0/0	
YE4IJ	10,989	105	37	SOLP	5.5	0/0	0/0	12/7	0/0	57/19	36/11	
YCØNVU (L)	3,150	50	21	SOLP	5.7	0/0	0/0	26/9	4/3	20/9	0/0	
YB1BBW	96	8	4	SOQRP	1.0	0/0	0/0	0/0	0/0	8/4	0/0	
YE3FZR (L)	60	5	4	SOLP	0.5	0/0	0/0	4/3	0/0	1/1	0/0	
YC2VQL	30	7	5	SOLP	2.6	0/0	0/0	2/2	0/0	5/3	0/0	
YB2IQ	126,360	380	117	SOUHP	16.2	0/0	3/3	85/25	103/36	149/39	40/14	
YE1GXQ	84,825	329	87	SOUHP	14.3	0/0	0/0	0/0	111/37	182/37	36/13	
YB9ELS	36,330	175	70	SOULP	13.7	0/0	0/0	23/10	51/28	101/32	0/0	
YB1RKT	35,604	177	69	SOULP	9.9	0/0	0/0	0/0	54/29	92/27	31/13	
YE1BMZ	9,828	91	36	SOULP	8.8	0/0	0/0	19/8	30/16	42/12	0/0	
YB3VK (L)	8,364	93	34	SOULP	9.8	0/0	0/0	19/9	3/3	47/12	24/10	
YB1HR	4,920	82	20	SOULP	5.1	0/0	0/0	0/0	0/0	42/10	40/10	
YD4KEP	1,176	29	14	SOULP	3.7	0/0	0/0	5/3	0/0	19/8	5/3	
YF3AQV	63	7	3	SOULP	0.9	0/0	0/0	7/3	0/0	0/0	0/0	
YB2LGF (L)	27	3	3	SOULP	0.2	0/0	0/0	1/1	0/0	2/2	0/0	
YCØVM	126	11	7	SOQRP-40	1.9	0/0	0/0	11/7	0/0	0/0	0/0	
YB3GEM	4,200	50	28	SOLP-20	5.2	0/0	0/0	0/0	50/28	0/0	0/0	
YB1RYX	108	7	6	SOLP-20	0.6	0/0	0/0	0/0	7/6	0/0	0/0	
YB2VYY	1,890	44	15	SOLP-15	5.2	0/0	0/0	0/0	0/0	44/15	0/0	
YB3BLJ	756	29	9	SOLP-15	3.1	0/0	0/0	0/0	0/0	29/9	0/0	
YB2JPI (L)	36	5	3	SOLP-15	0.8	0/0	0/0	0/0	0/0	5/3	0/0	
YD2UWF (Y)	7,176	93	26	SOULP-15	6.4	0/0	0/0	0/0	0/0	93/26	0/0	
YB1CMZ	2,976	65	16	SOULP-15	9.6	0/0	0/0	0/0	0/0	65/16	0/0	
YBØECT	3,600	80	15	SOHP-10	3.1	0/0	0/0	0/0	0/0	0/0	80/15	
YB3IBL (L)	336	20	7	SOLP-10	3.0	0/0	0/0	0/0	0/0	0/0	20/7	
YG1AFK (L)	3	1	1	SOLP-10	0.0	0/0	0/0	0/0	0/0	0/0	1/1	
New Caledonia												
FK8IK	1,016,346	1,511	233	SOHP	16.7	0/0	55/31	383/50	362/49	305/51	406/52	
New Zealand												
ZM3A (L)	204,120	498	140	SOLP	8.0	0/0	0/0	45/26	253/46	99/35	101/33	
ZL4YY (L)	4,095	41	35	SOHP	2.0	0/0	0/0	21/18	19/16	1/1	0/0	
ZL2AIM	189	9	7	SOLP	0.8	0/0	0/0	1/1	1/1	1/1	6/4	
ZL3AB	583,740	958	207	SOUHP	13.8	0/0	37/21	102/40	204/48	226/47	389/51	
ZL1T (ZL1ANH, op)	24,642	117	74	SOULP	7.1	0/0	4/4	27/21	37/24	27/13	22/12	

ZL4NR	2,223	41	19	SOUHP	3.3	0/0	0/0	0/0	7/6	11/4	23/9	
ZL1BBW	41,013	284	49	SOUHP-15	3.2	0/0	0/0	0/0	0/0	284/49	0/0	
ZL4TT	99,792	624	54	SOUHP-10	13.9	0/0	0/0	0/0	0/0	0/0	624/54	
Philippines												
DU1WBX	6,090	70	29	SOLP	5.3	0/0	0/0	24/9	3/3	31/11	12/6	
DV4ZAR	1,512	32	18	SOLP	5.0	0/0	0/0	14/7	15/9	3/2	0/0	
4E1AGW	780	26	10	SOLP	2.1	0/0	0/0	26/10	0/0	0/0	0/0	
DU2W	187,920	527	120	SOUHP	11.4	0/0	9/6	66/17	51/22	276/46	125/29	
DU1JIG (L)	3	1	1	SOLP-80	4.0	0/0	1/1	0/0	0/0	0/0	0/0	
DU1EV	231	12	7	SOHP-40	2.1	0/0	0/0	12/7	0/0	0/0	0/0	
DZ3B (4F3BZ, op)	144	9	6	SOULP-15	0.4	0/0	0/0	0/0	0/0	9/6	0/0	
4F3OM	7,056	117	21	SOQRP-10	5.1	0/0	0/0	0/0	0/0	0/0	117/21	
Call	Score	QSOs	Mults	Category	Hours	160	80	40	20	15	10	Operator(s) and/or Host
South America												
Argentina												
LW1D (LW1EUD, op)	388,773	884	153	SOHP	10.4	0/0	0/0	0/0	310/54	286/49	288/50	
LQ3D	146,727	426	119	SOLP	5.2	0/0	0/0	1/1	99/37	86/34	240/47	
LU9GBR	80,730	355	78	SOLP	9.3	0/0	0/0	0/0	0/0	65/31	290/47	
AZ1A (LU1AW, op)	25,200	154	56	SOLP	2.0	0/0	0/0	0/0	0/0	90/29	64/27	
LW2DX	20,664	126	56	SOLP	5.5	0/0	0/0	0/0	79/33	0/0	47/23	
LS5H	993,744	1,645	206	SOULP	29.0	0/0	0/0	65/35	505/56	561/58	514/57	
LU8QT	680,064	1,428	161	SOUHP	22.1	0/0	0/0	0/0	364/51	660/57	404/53	
LU5EA	236,082	529	154	SOUHP	12.4	0/0	0/0	57/27	63/32	198/48	211/47	
LT4A (LU5BE, op)	25,542	131	66	SOUHP	4.5	0/0	0/0	0/0	21/14	77/31	33/21	
LU1AEE	1,350	29	18	SOLP-40	0.5	0/0	0/0	29/18	0/0	0/0	0/0	
LT5A (LU7DW, op) (L)	1,254	23	19	SOHP-40	4.2	0/0	0/0	23/19	0/0	0/0	0/0	
LO7H (LU1HLH, op)	83,430	537	54	SOUHP-20	7.2	0/0	0/0	0/0	537/54	0/0	0/0	
LW8DQ	10,989	100	37	SOLP-15	3.6	0/0	0/0	0/0	0/0	100/37	0/0	
LT6T	234,720	1,327	60	SOHP-10	22.6	0/0	0/0	0/0	0/0	0/0	1,327/60	
LU7YZ (L)	91,743	598	53	SOLP-10	6.1	0/0	0/0	0/0	0/0	0/0	598/53	
LU5DF	28,704	209	46	SOQRP-10	6.3	0/0	0/0	0/0	0/0	0/0	209/46	
LW9EKA	19,080	165	40	SOQRP-10	9.0	0/0	0/0	0/0	0/0	0/0	165/40	
LU2EH	27	3	3	SOLP-10	0.1	0/0	0/0	0/0	0/0	0/0	3/3	
LU7HF	145,986	885	58	SOULP-10	21.0	0/0	0/0	0/0	0/0	0/0	885/58	
LT7D (LU7DZ, op)	77,220	506	52	SOUQRP-10	13.7	0/0	0/0	0/0	0/0	0/0	506/52	
L33M	49,200	332	50	SOUHP-10	4.0	0/0	0/0	0/0	0/0	0/0	332/50	
LU9WT (L)	840	21	14	SOULP-10	3.7	0/0	0/0	0/0	0/0	0/0	21/14	
Aruba												
P49Y (AE6Y, op)	4,976,580	4,942	340	SOUHP	43.0	214/44	411/56	736/58	1,206/60	1,301/62	1,074/60	
P44W (W2GD, op)	4,154,766	4,356	322	SOULP	36.6	71/31	346/53	672/57	1,020/60	1,103/61	1,144/60	
Bonaire												
PJ4PA (W4PA, op)	1,182,480	1,934	208	SOHP	10.0	0/0	0/0	122/38	485/57	707/58	620/55	
Brazil												
ZV9MT	967,680	1,817	180	SOHP	22.7	0/0	16/12	0/0	511/53	565/57	725/58	
ZV8RR (PV8DX, op)	852,222	1,476	197	SOHP	15.8	0/0	0/0	155/41	327/49	261/49	733/58	
PY2XL	596,808	1,247	162	SOLP	19.0	0/0	0/0	2/2	234/49	370/52	641/59	
PY2ZEA	527,352	1,216	146	SOHP	14.8	0/0	0/0	2/2	108/40	226/45	880/59	

ZV7CE (PT7WM, op)	486,864	1,001	168	SOHP	14.1	0/0	0/0	42/18	467/52	252/49	240/49	
PP5WX	408,924	957	148	SOHP	19.8	0/0	0/0	0/0	102/38	374/55	481/55	
PY2IB (L)	256,365	646	135	SOLP	9.3	0/0	0/0	0/0	151/43	202/44	293/48	
PP5RB	62,331	277	79	SOHP	12.1	0/0	0/0	0/0	19/10	37/24	221/45	
PY4ARS (L)	20,448	101	71	SOLP	5.4	0/0	0/0	10/8	21/17	26/19	44/27	
PP5TG	4,089	48	29	SOLP	3.1	0/0	0/0	0/0	1/1	10/10	37/18	
PY1VOY	1,920	33	20	SOLP	0.7	0/0	0/0	0/0	0/0	0/0	33/20	
PV8AJ	15	5	5	SOLP	1.1	0/0	0/0	0/0	0/0	3/3	2/2	
PR1T (PY1ZV, op)	868,968	1,312	243	SOUHP	19.9	0/0	140/40	294/52	289/51	291/49	298/51	
PY5AMF	811,998	1,394	198	SOUHP	13.8	0/0	0/0	119/38	361/51	511/56	403/53	
PT2AW	332,640	785	144	SOULP	13.2	0/0	0/0	1/1	284/49	210/45	290/49	
PY2PLL	292,950	659	150	SOULP	20.2	0/0	0/0	2/2	180/49	212/48	265/51	
ZV5PR (PY5VE, op)	262,440	688	135	SOULP	19.3	0/0	0/0	0/0	127/42	203/43	358/50	
PP5KP	178,596	529	121	SOULP	12.4	0/0	0/0	0/0	49/30	227/45	253/46	
PP2CC	88,830	299	105	SOULP	7.2	0/0	0/0	2/2	43/24	101/38	153/41	
PP5KR	81,585	277	105	SOULP	3.7	0/0	0/0	8/8	30/23	83/33	156/41	
PY2BBQ	20,007	120	57	SOUHP	2.9	0/0	0/0	0/0	12/6	42/23	66/28	
PY5IQ	18,975	131	55	SOULP	5.1	0/0	0/0	2/2	7/7	10/10	112/36	
PU1JSV	14,616	91	56	SOULP	4.3	0/0	0/0	0/0	0/0	46/28	45/28	
PY4LI	11,016	78	51	SOULP	6.1	0/0	0/0	0/0	26/19	17/11	35/21	
PY1DI	4,212	46	36	SOULP	7.4	0/0	0/0	0/0	3/3	22/19	21/14	
PY2ATR	4,176	52	29	SOULP	1.3	0/0	0/0	2/2	5/5	1/1	44/21	
PY2BZZ (L)	3,255	37	31	SOULP	4.5	0/0	0/0	0/0	1/1	13/12	23/18	
PU2TES	2,592	38	24	SOULP	4.3	0/0	0/0	0/0	0/0	4/4	34/20	
PY2SFA (L)	2,232	32	24	SOULP	3.6	0/0	0/0	0/0	3/3	12/9	17/12	
PY2MIA	1,872	26	24	SOULP	2.2	0/0	0/0	0/0	3/3	7/7	16/14	
PY2ZMN	1,701	27	21	SOULP	2.7	0/0	0/0	0/0	1/1	5/5	21/15	
PT5E (PP5BSD, op)	12	2	2	SOULP	0.0	0/0	0/0	0/0	1/1	0/0	1/1	
PS7MA (L)	30,702	249	43	SOULP-40	12.2	0/0	0/0	249/43	0/0	0/0	0/0	
PY2NY	130,986	773	57	SOLP-20	13.3	0/0	0/0	0/0	773/57	0/0	0/0	
ZV7PB (PR7AR, op) (L)	17,040	160	40	SOLP-20	4.3	0/0	0/0	0/0	160/40	0/0	0/0	
PY2TI (L)	147	7	7	SOQRP-20	0.7	0/0	0/0	0/0	7/7	0/0	0/0	
PY2FRQ	83,325	510	55	SOULP-20	11.1	0/0	0/0	0/0	510/55	0/0	0/0	
PY4XX	56,304	392	51	SOULP-20	7.5	0/0	0/0	0/0	392/51	0/0	0/0	
PY6TS (L)	46,587	345	53	SOULP-20	9.6	0/0	0/0	0/0	345/53	0/0	0/0	
PY2MM (L)	588	15	14	SOUHP-20	3.1	0/0	0/0	0/0	15/14	0/0	0/0	
PP5GTA	48	5	4	SOUHP-20	0.5	0/0	0/0	0/0	5/4	0/0	0/0	
ZV8PI (PS8HF, op)	119,280	783	56	SOLP-15	13.8	0/0	0/0	0/0	0/0	783/56	0/0	
PY2OP	31,017	216	49	SOLP-15	2.9	0/0	0/0	0/0	0/0	216/49	0/0	
PU2UAF	18,522	184	42	SOLP-15	7.2	0/0	0/0	0/0	0/0	184/42	0/0	
PY2KO	12,240	103	40	SOLP-15	6.2	0/0	0/0	0/0	0/0	103/40	0/0	
PY1AX	87,192	530	56	SOULP-15	12.7	0/0	0/0	0/0	0/0	530/56	0/0	
PY2KJ	83,868	482	58	SOUHP-15	11.8	0/0	0/0	0/0	0/0	482/58	0/0	
PT9DX	66,165	415	55	SOULP-15	7.1	0/0	0/0	0/0	0/0	415/55	0/0	
PY3TD	61,692	396	53	SOHP-10	18.0	0/0	0/0	0/0	0/0	0/0	396/53	
PP8ZAC	45,402	325	47	SOLP-10	8.4	0/0	0/0	0/0	0/0	0/0	325/47	
PY2EL (L)	41,184	299	48	SOHP-10	7.4	0/0	0/0	0/0	0/0	0/0	299/48	
PY2ERA (PY2YYZ, op)	36,432	267	48	SOHP-10	2.3	0/0	0/0	0/0	0/0	0/0	267/48	
PY2WMW	34,290	254	45	SOLP-10	7.0	0/0	0/0	0/0	0/0	0/0	254/45	
PY1FOX	2,625	41	25	SOLP-10	2.4	0/0	0/0	0/0	0/0	0/0	41/25	

PY2AXH (L)	2,448	36	24	SOLP-10	3.7	0/0	0/0	0/0	0/0	0/0	36/24	
PY2BN	1,368	26	19	SOQRP-10	3.0	0/0	0/0	0/0	0/0	0/0	26/19	
PY2EDB	528	17	11	SOLP-10	2.3	0/0	0/0	0/0	0/0	0/0	17/11	
PY2PIM	396	12	11	SOLP-10	0.5	0/0	0/0	0/0	0/0	0/0	12/11	
PY2DN	168	8	7	SOLP-10	0.5	0/0	0/0	0/0	0/0	0/0	8/7	
PY2KNK	223,200	1,278	60	SOUHP-10	20.2	0/0	0/0	0/0	0/0	0/0	1,278/60	
PR2EG (PY2EX, op)	200,880	1,132	60	SOUHP-10	13.2	0/0	0/0	0/0	0/0	0/0	1,132/60	
PY3OZ	187,020	1,053	60	SOULP-10	25.3	0/0	0/0	0/0	0/0	0/0	1,053/60	
PY2XC	68,040	410	56	SOULP-10	8.5	0/0	0/0	0/0	0/0	0/0	410/56	
PY5WR	58,950	395	50	SOUHP-10	4.2	0/0	0/0	0/0	0/0	0/0	395/50	
PY4LH (L)	51,792	342	52	SOULP-10	6.3	0/0	0/0	0/0	0/0	0/0	342/52	
PP5AX (L)	21,402	176	41	SOULP-10	4.0	0/0	0/0	0/0	0/0	0/0	176/41	
PY2WH (L)	19,872	155	46	SOULP-10	3.5	0/0	0/0	0/0	0/0	0/0	155/46	
PY2OZ	14,391	125	39	SOULP-10	2.8	0/0	0/0	0/0	0/0	0/0	125/39	
PY2HA (L)	13,653	112	41	SOULP-10	7.2	0/0	0/0	0/0	0/0	0/0	112/41	
PX1C (PY1JR, op) (L)	10,800	95	40	SOULP-10	3.8	0/0	0/0	0/0	0/0	0/0	95/40	
PY2YYZ	9,216	100	32	SOULP-10	1.2	0/0	0/0	0/0	0/0	0/0	100/32	
PY4WJ (L)	4,743	53	31	SOULP-10	6.1	0/0	0/0	0/0	0/0	0/0	53/31	
PY3RK (L)	2,808	43	24	SOULP-10	2.2	0/0	0/0	0/0	0/0	0/0	43/24	
PY2EBD	2,142	35	21	SOUHP-10	3.3	0/0	0/0	0/0	0/0	0/0	35/21	
PP1OY (L)	765	17	15	SOUHP-10	2.8	0/0	0/0	0/0	0/0	0/0	17/15	
PY2YJ	351	13	9	SOULP-10	1.1	0/0	0/0	0/0	0/0	0/0	13/9	
PY3LX (L)	243	9	9	SOUHP-10	0.5	0/0	0/0	0/0	0/0	0/0	9/9	
PY3TR	36	4	3	SOULP-10	0.0	0/0	0/0	0/0	0/0	0/0	4/3	
PY4NF (L)	27	3	3	SOULP-10	0.7	0/0	0/0	0/0	0/0	0/0	3/3	
Chile												
CE3/N5NU	135,762	378	121	SOLP	2.9	0/0	0/0	0/0	100/39	144/47	134/35	
XQ3SK	1,291,953	2,067	211	SOUHP	32.5	0/0	0/0	107/39	558/56	651/58	751/58	
XR1D (XQ4CW, op)	480,810	1,063	155	SOULP	19.3	0/0	0/0	3/3	302/50	306/50	452/52	
CE4KS	62,220	249	85	SOULP	7.7	0/0	0/0	0/0	72/34	11/9	166/42	
CA4OMQ	12,540	121	38	SOLP-40	3.6	0/0	0/0	121/38	0/0	0/0	0/0	
CE3SPR	185,832	1,113	58	SOUHP-15	20.0	0/0	0/0	0/0	0/0	1,113/58	0/0	
CE3CT	242,490	1,404	59	SOHP-10	22.8	0/0	0/0	0/0	0/0	0/0	1,404/59	
CA6SNT	25,920	196	45	SOLP-10	7.6	0/0	0/0	0/0	0/0	0/0	196/45	
3G2O (XQ2OP, op) (L)	24,975	186	45	SOUQRP-10	10.4	0/0	0/0	0/0	0/0	0/0	186/45	
Colombia												
HK5NLJ/3	292,539	611	169	SOLP	14.5	0/0	0/0	86/34	199/46	138/39	188/50	
HK1MW (L)	226,914	1,360	59	SOHP-15	21.3	0/0	0/0	0/0	0/0	1,360/59	0/0	
HK4KM (L)	450	15	10	SOQRP-15	1.4	0/0	0/0	0/0	0/0	15/10	0/0	
HK1N (L)	25,920	220	40	SOUQRP-10	8.2	0/0	0/0	0/0	0/0	0/0	220/40	
Ecuador												
HC2AD	78,948	272	102	SOQRP	7.1	0/0	0/0	0/0	67/32	147/41	58/29	
Guyana												
8R1TM	69,012	451	54	SOLP-20	15.2	0/0	0/0	0/0	451/54	0/0	0/0	
Paraguay												
ZP5WBM (L)	3,264	39	32	SOLP	7.7	0/0	0/0	4/4	2/2	9/9	24/17	
Peru												
OA4SS (L)	319,005	771	139	SOLP	11.7	0/0	0/0	0/0	185/42	307/48	279/49	
OA4DKN	452,691	860	179	SOULP	15.2	0/0	0/0	171/41	272/47	305/50	112/41	

Suriname												
PZ5TW (PY8WW, op)	105,462	573	63	SOULP-15	19.1	0/0	0/0	0/0	0/0	573/63	0/0	
Trinidad & Tobago												
9Y4I (L)	612	18	12	SOLP-80	1.3	0/0	18/12	0/0	0/0	0/0	0/0	
9Y4M	196,116	1,157	59	SOULP-15	22.1	0/0	0/0	0/0	0/0	1,157/59	0/0	
Uruguay												
CX9AU (L)	239,775	589	139	SOLP	14.6	0/0	0/0	5/5	213/46	208/46	163/42	
CX2BR	209,568	1,212	59	SOUHP-10	18.6	0/0	0/0	0/0	0/0	0/0	1,212/59	
Venezuela												
YV8AD (L)	1,155,096	1,621	244	SOLP	19.9	0/0	174/38	307/50	325/47	359/55	456/54	
YV6BXN (L)	230,790	510	157	SOLP	12.4	0/0	61/28	103/34	168/36	81/25	97/34	
YV5KG (L)	22,977	119	69	SOLP	5.6	0/0	0/0	29/18	59/31	13/8	18/12	
YV4ABR	112,005	663	57	SOLP-10	8.6	0/0	0/0	0/0	0/0	0/0	663/57	
YV5COR	5,130	61	30	SOULP-10	2.1	0/0	0/0	0/0	0/0	0/0	61/30	
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												
EF8L	2,202,486	2,601	286	MSLP	43.8	10/10	264/43	498/55	566/60	729/60	534/58	(Ops: DJ5MO, PA9M)
ED8X	6,498,420	6,422	340	M2	44.2	144/41	650/57	1,110/60	1,428/60	1,664/62	1,426/60	(Ops: EA8DO, OM2IB, OM2KI, OM5RW)
Madeira Islands												
CR3W	6,376,032	6,336	338	M2	45.5	150/41	560/54	1,305/60	1,416/61	1,567/62	1,338/60	(Ops: DJ2YA, DK7YY, DL5AXX, DL5LYM)
Call	Score	QSOs	Mults	Category	Hours	160	80	40	20	15	10	Operator(s) and/or Host
Asia												
Asiatic Russia												
RKØS	40,158	205	69	MSHP	11.1	0/0	0/0	17/7	117/41	71/21	0/0	(Ops: RAØR, RAØSE)
UAØD	392,571	843	159	M2	23.1	0/0	35/10	256/43	230/47	184/35	138/24	(Ops: UAØDBX, UAØDM, UAØDX)
R8LA	7,020	63	39	M2	3.0	0/0	0/0	0/0	47/26	16/13	0/0	(Ops: R9JR, UB8LBA)
China												
BY4DX	58,380	286	70	MSLP	11.9	0/0	0/0	36/10	9/7	145/32	96/21	(Ops: BG4GOV, BH4BWX, BH4GAA, BI4MPH, BI4VIP)
Japan												
JH4UYB	1,428,804	1,866	258	MSHP	32.2	15/11	123/40	425/53	493/53	439/53	371/48	(Ops: JA1FXR, JH4UYB)

JA6GCE	433,758	895	166	MSLP	30.5	0/0	17/8	203/41	157/39	381/48	137/30	(Ops: JA6GCE)
JE2YRB	269,433	598	153	MSHP	13.7	2/2	75/24	138/41	78/30	280/46	25/10	(Ops: JQ1ABC, JR2SCJ)
JL3ZHU	7,956	78	34	MSHP	4.3	0/0	0/0	13/8	16/11	36/9	13/6	(Ops: JL3RDC, JR3TQP)
JJ2YDV	3,696	50	28	MSLP	5.4	0/0	1/1	11/7	9/6	27/13	2/1	(Ops: JF2RCX, JG2KGS)
JA2YNI	2,709	44	21	MSLP	1.4	0/0	1/1	9/4	0/0	22/9	12/7	(Ops: JR2VSM, JS2SQE, JS2SQF, JS2SQS)
JH8YOH	2,006,982	2,640	258	M2	40.5	12/8	150/36	510/53	616/54	845/58	507/49	(Ops: JG4IQC, JI1VHV, JR8VSE)
JA1ZGO	606,273	1,147	179	M2	24.0	0/0	20/9	117/38	197/41	491/51	322/40	(Ops: JJ1RXC, JK1DRV, JM1NCA)
JA3YBK	2,484,027	3,114	273	MM	38.4	43/14	165/38	485/52	967/59	901/57	553/53	(Ops: JG3KIV, JG3MRT, JG3WDN, JH4NMT, JJ2ICA, JR4ISF)
Call	Score	QSOs	Mults	Category	Hours	160	80	40	20	15	10	Operator(s) and/or Host
Europe												
Aland Islands												
OHØZ	609,321	1,041	197	MSHP	17.3	1/1	104/29	197/45	377/54	344/54	18/14	(Ops: OH2N, OH2XX, OH6DD, OH6EI)
Azores												
CR2N	6,292,701	6,374	333	M2	42.8	190/40	621/54	1,171/59	1,519/60	1,573/61	1,300/59	(Ops: EA1DAV, EA5KA, EA7X)
Belgium												
OT6M	1,108,818	1,387	269	MSHP	30.3	17/13	186/38	272/48	510/59	294/58	108/53	(Ops: ON9CC, PC5A)
OT2A	3,659,796	4,047	309	MM	40.2	105/30	285/45	1,029/57	1,022/60	914/59	692/58	(Ops: ON4FF, ON4HIL, ON4IA, ON6CC)
Bosnia-Herzegovina												
E7CW	1,983,300	2,461	275	MSHP	41.7	42/19	291/40	598/52	738/57	452/56	340/51	(Ops: E74AL, E74O, E75M, E77FA)
E7Y	731,442	1,249	202	MSLP	26.3	0/0	32/16	182/39	446/56	458/54	131/37	(Ops: E7ØX, E76Y)
Croatia												
9A1P	5,660,370	5,837	327	MM	43.8	178/34	678/52	1,235/60	1,400/61	1,331/60	1,015/60	(Ops: 9A1UN, 9A2NA, 9A4WY, 9A5CW, 9A5DX, 9A6KX, 9A7DX, 9A7Y)
9A1A	5,558,952	5,759	326	MM	43.7	282/41	736/51	1,189/57	1,337/60	1,326/61	889/56	(Ops: 9A3BOX, 9A3SMS, 9A5E, 9A5W, 9A6A, 9A7R, 9A8A, 9A9A)
Czech Republic												
OK7O	2,772,126	3,180	294	MSHP	43.3	67/23	311/43	725/55	821/59	817/59	439/55	(Ops: OK1DOL, OK1FIK, OK4RQ)
OK5Z	2,729,445	3,027	305	MSHP	44.0	50/29	324/44	778/58	744/59	706/60	425/55	(Ops: OK1CW, OK2AF, OK2ARM, OK2NMA, OK2ZA, OK2ZC, OK2ZI, OK2ZT, OK2ZV)
OL3Z	3,696,882	4,171	301	M2	41.8	87/28	411/43	1,089/56	1,038/60	947/60	599/54	(Ops: OK1DQT, OK1FPS, OK1HMP, OK8AU)
Denmark												
OZ5W	2,403,801	3,061	267	MM	37.7	42/16	218/32	504/53	1,045/60	995/60	257/46	(Ops: DK4SR, DL7PIA, OK1DWQ, OZ1AXG, OZ1ETA, OZ5BD, SM5SIC, UR3CMA, UTØNT)
England												
M4U	673,326	1,026	222	MSHP	19.3	12/9	53/28	105/37	246/52	429/55	181/41	(Ops: GØDVJ, GØJJG)
European Russia												
RM3F	118,473	396	101	MSHP	16.5	0/0	0/0	1/1	221/55	170/41	4/4	(Ops: R2AKM, R9IR)
UA5D	113,160	330	115	MSHP	6.6	0/0	0/0	59/31	126/44	145/40	0/0	(Ops: RZ2B, UA5D)
RY6ZAB	1,716	26	22	MSLP	2.9	0/0	0/0	14/11	2/2	10/9	0/0	(Ops: R6ZF, R6ZJ)
RL3A	1,709,763	2,201	263	M2	39.1	16/12	184/37	471/55	631/61	715/55	184/43	(Ops: R2BFL, R2BW, R3DCX, RK9UE, RL3FT, RT8U, RX3APM)
Federal Republic of Germany												
DD1A	2,068,920	2,486	280	MSHP	43.3	63/23	290/41	644/54	606/57	573/57	310/48	(Ops: DL3GA, HB9BJL, HB9CVQ)
DM4X	1,765,008	2,197	272	MSHP	38.3	78/24	200/38	577/50	603/58	529/57	210/45	(Ops: DD2ML, KE8LQR)
DR1A	872,508	1,339	221	MSHP	15.3	29/16	51/28	310/42	582/58	206/41	161/36	(Ops: DL1MGB, DL5CW, DL6MHW)
DM4L	735,546	1,172	211	MSHP	19.6	0/0	28/14	171/40	362/56	416/56	195/45	(Ops: DK2RO, DL1PAN, DL2NBW, DL4JLM)

DKØFL	144,000	401	125	MSHP	19.5	0/0	14/10	37/20	143/39	163/38	44/18	(Ops: DF8LD, DK9WE)
DD4A	1,507,236	1,998	254	MM	21.2	6/6	95/33	125/43	607/59	803/60	362/53	(Ops: DK5QN, DL1YAW)
France												
TM6M	3,406,104	3,667	312	MSLP	45.2	157/37	354/45	747/56	884/60	915/60	610/54	(Ops: F1AKK, F4DXW, F8DBF)
Hungary												
HG6N	2,723,970	3,152	290	MSHP	41.9	28/21	296/44	746/54	758/58	921/60	403/53	(Ops: HA6ND, HA6NY, YO5LD, YO6BHN)
HA3DX	2,079,996	2,530	278	MSHP	40.6	62/20	271/40	514/51	746/57	646/58	291/52	(Ops: HA4FB, HA4XH, HA5IW)
HG5C	751,782	1,199	214	MSHP	13.6	3/3	113/30	351/44	269/50	325/51	138/36	(Ops: HA5BMS, HA5MA, HA5OV)
Ireland												
EI7M	5,170,671	5,473	319	M2	46.3	131/31	696/49	1,181/59	1,403/60	1,244/61	818/59	(Ops: EI3DP, EI3JE, EI3KD, EI4HQ, EI5GSB, EI5LA, EI6JK, EI7IG, EI8IR, F4IEY)
Italy												
II9P	3,103,536	3,456	304	MSHP	44.3	65/29	319/45	860/57	836/59	840/59	536/55	(Ops: HB9CAT, IK1HJS, IT9CHU, IT9CJC, IT9EQO, IZ8JAI)
I2GPT	502,455	838	205	MSHP	12.8	0/0	89/32	242/45	321/54	132/40	54/34	(Ops: I2GPT, IU2KMA, IZ2BKP)
IQ2MI	456,876	1,043	148	MSHP	20.0	0/0	0/0	1/1	433/55	458/53	151/39	(Ops: IK2GWH, IK2YRF, IZ2BMM)
IK2OWX	131,040	343	130	MSHP	23.5	0/0	27/15	71/25	115/39	97/35	33/16	(Ops: IK2OWX, IK2PTR)
IQ3VO	47,121	142	113	MSHP	7.8	0/0	0/0	11/10	41/31	57/41	33/31	(Ops: IW3ILP, IZ3JKI)
IO4X	5,055,078	5,269	322	M2	41.6	138/38	501/48	1,203/59	1,157/60	1,343/61	927/56	(Ops: I4VEQ, IK2JUB, IK4DCT, IK4UPB, IK4VET, IK4ZGO)
IOØA	1,556,250	2,115	250	M2	30.0	24/13	242/37	377/47	612/56	581/57	279/40	(Ops: IKØEFR, IUØPVM)
Lithuania												
LY2DX	144,900	346	140	MSLP	15.2	0/0	27/18	39/24	115/45	154/46	11/7	(Ops: LY2DX, LY2FN)
Poland												
SP8R	2,535,894	2,843	302	MSHP	41.1	70/30	352/46	791/58	712/61	656/59	262/48	(Ops: SP8BRQ, SP8GQU, SQ8L)
3Z1K	373,266	706	178	MSLP	26.5	0/0	52/20	155/41	244/52	207/46	48/19	(Ops: SP1IVL, SP3LPR, SQ1WO)
SN9A	39,375	182	75	MSLP	14.5	0/0	0/0	0/0	45/22	84/29	53/24	(Ops: SP9MRR, SP9PBH)
SP9PBB	147	7	7	MSLP	0.3	0/0	0/0	0/0	0/0	7/7	0/0	(Ops: SQ9MR, SQ9SX)
SP6PRT	205,092	453	162	M2	22.9	0/0	45/19	110/34	131/42	98/40	69/27	(Ops: SP6A, SP6ET, SP6NIC, SQ6ILS)
Serbia												
YT2RX	608,121	921	223	MSLP	36.8	4/4	149/36	243/47	290/57	172/47	63/32	(Ops: YT2RX, YU3A)
Slovak Republic												
OM7M	3,920,904	4,253	312	M2	42.5	162/32	470/48	1,119/57	1,039/61	912/60	551/54	(Ops: OK2BFN, OM2RA, OM4MW, OM4WM, OM5RM, OM5ZW)
OM3KFF	420,903	1,087	131	M2	13.0	0/0	0/0	149/30	477/52	461/49	0/0	(Ops: OM1PT, OM2ADM, OM4DW)
Slovenia												
S58W	1,191,870	1,621	246	MSHP	40.6	2/2	196/38	306/50	452/56	440/56	225/44	(Ops: S53AU, S53SA)
S59T	1,512	27	21	MSHP	0.5	0/0	0/0	0/0	18/12	6/6	3/3	(Ops: S53KX, S59T)
Spain												
EA5RS	4,037,760	4,256	320	MSHP	45.7	116/34	437/49	893/59	917/60	1,022/60	871/58	(Ops: EA5BWR, EA5BY, EA5FID, EA5RS, EA5U, EB5A)
EA3URM	139,860	464	105	MSHP	8.9	0/0	0/0	0/0	275/49	151/34	38/22	(Ops: EA3GNU, EA3HIG, EA3IKB, EA3IZQ, EA3M)
ED7K	1,738,845	2,317	255	M2	38.7	0/0	210/37	620/54	457/53	651/59	379/52	(Ops: EA7LOC, VE3NZ)
Sweden												
SE3P	370,101	842	151	MSHP	25.5	0/0	77/23	67/29	429/56	269/43	0/0	(Ops: SAØBYP, SMØDRD)
SKØQO	362,112	674	184	MSHP	25.4	0/0	27/15	102/43	218/51	294/50	33/25	(Ops: SMØASB, SMØDCD, SMØDSF, SMØNUE, SM5OUU)
SK3W	743,040	1,169	215	M2	17.8	0/0	54/22	208/47	346/57	471/55	90/34	(Ops: SM3SGP, SM5IMO)

Switzerland												
HB7X	2,190,720	2,645	280	M2	25.1	28/18	260/39	675/53	601/60	719/60	362/50	(Ops: HB9BGV, HB9BUN, HB9DDO)
Ukraine												
UW7Q	68,226	294	83	M2	11.1	0/0	0/0	0/0	148/37	94/26	52/20	(Ops: UR3QNV, UR6QV, USØQV, UT1QR)
Call	Score	QSOs	Mults	Category	Hours	160	80	40	20	15	10	Operator(s) and/or Host
North America												
Alaska												
KL5DX	1,273,320	1,990	216	MSHP	17.4	0/0	11/4	271/47	470/55	673/56	565/54	(Ops: KI6RRN, NC6K, @KL7SB)
Bahamas												
C6ANM	1,846,680	2,820	220	MSLP	29.4	0/0	0/0	689/55	846/59	848/60	437/46	(Ops: N1GN, NE1B)
Belize												
V3T	5,036,802	5,047	337	MSLP	48.0	150/41	559/56	852/59	1,050/61	1,259/61	1,177/59	(Ops: K5PI, K5TR, VA7DX, VE7KW, WCØT, WCØW, WWØG)
Bermuda												
VP9I	3,835,260	3,910	330	M2	34.9	209/44	531/54	725/59	1,015/59	996/61	434/53	(Ops: AB2E, K3TEJ)
Cayman Islands												
ZF5T	5,555,514	5,333	353	MSHP	48.0	362/54	634/58	978/60	1,115/62	1,065/61	1,179/58	(Ops: K5GO, KO7SS, N5EE, W1VE, W5SJ)
ZF1A	8,482,452	7,937	359	M2	48.0	323/55	770/59	1,547/61	1,639/61	1,886/62	1,772/61	(Ops: K1DG, N5KO, N6MJ, NN1C, W9KKN)
Desecheo Island												
KP5/NP3VI	1,014,699	1,639	211	MSLP	17.9	0/0	21/15	163/37	474/55	241/48	740/56	(Ops: KR4FCX, N2OO, NK4DX, NP3A, NP4G, W8HC, WP4TZ)
Puerto Rico												
NP4DX	5,276,154	5,134	346	MSHP	48.0	244/50	559/58	1,036/59	1,154/60	1,175/61	966/58	(Ops: N2WKS, W4IPC, WB8JUI, WP3C)
NP3Y	618,384	1,003	208	MSLP	15.7	0/0	137/33	267/43	228/51	120/37	251/44	(Ops: NP3Y, W2VQ)
Call	Score	QSOs	Mults	Category	Hours	160	80	40	20	15	10	Operator(s) and/or Host
Oceania												
Australia												
VL4A	497,406	944	182	M2	24.5	0/0	1/1	190/43	182/42	291/48	280/48	(Ops: VK4BLE, VK4DLP)
Guam												
AH2R	2,852,460	3,511	276	M2	41.2	9/8	208/44	654/55	756/56	1,101/58	783/55	(Ops: NH2C, WI3O)
Hawaii												
KH6J	6,329,256	6,201	344	MM	47.1	186/47	573/55	1,240/61	1,250/60	1,457/62	1,495/59	(Ops: K1ZM, KH7U, KX7M, N5OT, N6AN, N6TJ, N6TV, NH7T, @KH6YY)
Indonesia												
7I1I	103,740	383	95	MSHP	22.7	0/0	0/0	49/15	176/40	98/23	60/17	(Ops: YB1RBY, YB1RET, YB1SDL)
New Zealand												
ZM4T	1,798,632	2,303	264	MSHP	27.1	0/0	154/45	430/56	401/53	596/55	722/55	(Ops: OE2VEL, ZL3IO)
Philippines												
DUØA	513,240	923	188	MSHP	18.1	0/0	12/8	152/39	293/53	256/43	210/45	(Ops: DUØA, XE2K)
Call	Score	QSOs	Mults	Category	Hours	160	80	40	20	15	10	Operator(s) and/or Host
South America												
Bonaire												

PJ4A	7,095,960	6,959	345	M2	48.0	252/47	742/58	1,301/59	1,377/60	1,759/61	1,528/60	(Ops: G4PVM, K1QX, K2NG, W1MD)
PJ4K	6,850,821	6,631	347	M2	41.2	212/47	660/58	1,082/60	1,517/61	1,769/62	1,391/59	(Ops: K3CT, N3RD)
Brazil												
ZV1RJ	1,173,582	1,901	211	MSHP	33.5	0/0	0/0	168/46	387/54	731/57	615/54	(Ops: PY1CMT, PY1MK, PY1PL, PY1WW, PY1XW)
Curacao												
PJ2T	8,335,548	8,104	351	MM	48.0	452/51	854/59	1,384/60	1,738/60	1,927/61	1,749/60	(Ops: AG3I, K7TQ, K8ND, N7NR, N7WA, NF9V, PA5DR, VE3CX, W0CG, W2APF, WI9WI)
Ecuador												
HC2GRC	638,544	1,016	212	MSHP	8.0	0/0	65/33	95/34	455/55	279/51	122/39	(Ops: HC2AO, HC2CU, HC2IC, HC2THN, HC2TPX)
Galapagos Islands												
HD8R	8,061,768	7,751	351	M2	46.1	327/50	758/58	1,230/61	1,540/61	1,967/61	1,929/60	(Ops: K2IN, LU5DX, LU8EOT, LU9ESD, LW6DXD, OH2TA, SM0CXU)
Checklogs: 4X1VF, BI4JL, DD2CW, DG0KS, DJ7TO, DK2CF, DK8SR, DL1AKP, DL1RNT, DL2DXA, DL2FQ, DL3TC, DL3ZZA, DL5NO, DL6RG, E72T, E73ECT, E73KV, E73QI, E77EA, E7AR, EA5KO, EB7KA, ER3DX, F5NZY, F5TVG, G4ERW, HA8CQ, HA8WZ, Ii8M, IO3T, IZ8FWN, JH1WOY, JI1AVY, JO1VRK/2, KP4/N6BDX, LU3WC, LU5FF, LY2A, LY4L, LY6A, LY7M, LZ1JZ, LZ1KZ, LZ1ND, LZ1QN, LZ1QZ, LZ1YF, LZ3AN, MW0IDX, OH7CW, OH8A, OH8MBN, OK1DWC, OK2BHD, OK2QA, OZ6TL, PA3DZM, PA7F, PE1PIX, PJ7AR, PY2UDB, PY4TW, R2RA, R3BDF, R7NK, RA3AL, RA3DNC, RV3DBK, SM3GSK, SM7N, SM7NDX, SM7PEV, SN2S, SP2LNW, SP5GDY, SP7OGP, SQ9RM, TK5MH, UA3GBV, UA6JQ, UR3QX, UT4LW, UZ1WW, UZ7E, VU2GRM, YL2TD, YO8RXP, YO9GDN, YO9IGS, YO9KPB, YT2ISM, ZA1RR, ZL2RX, ZL3P, ZV2GO.												