

5Z4VJ	1,271,124	2,124	201	SOHP	25.2	0/0	0/0	305/42	598/53	587/52	634/54	
Madeira Islands												
CR3DX	5,361,408	5,797	312	SOHP	37.9	91/24	466/52	1,060/58	1,318/59	1,379/59	1,483/60	
CT3KN	1,355,112	1,962	236	SOHP	14.4	5/4	98/27	122/32	609/57	642/59	486/57	
Morocco												
CN8WW	134,244	421	113	SOULP	10.4	0/0	37/16	131/29	118/29	131/35	4/4	
Namibia												
V51YJ	15,240	127	40	SOULP-10	16.2	0/0	0/0	0/0	0/0	0/0	127/40	
Saint Helena												
ZD7BG	159,732	525	102	SOHP	6.7	0/0	0/0	0/0	30/14	184/39	311/49	
Tunisia												
3V8SF (KF5EYY, op)	52,572	345	52	SOLP	7.4	0/0	332/42	0/0	1/1	2/2	10/7	
Call	Score	QSOs	Mults	Category	Hours	160	80	40	20	15	10	Operator(s) and/or Host
Antarctica												
Antarctica												
LU1ZV (LU6DX, op)	2,280	41	19	SOLP-20	0.9	0/0	0/0	0/0	41/19	0/0	0/0	
Call	Score	QSOs	Mults	Category	Hours	160	80	40	20	15	10	Operator(s) and/or Host
Asia												
Asiatic Russia												
UAØDAR	502,803	1,058	161	SOHP	16.1	0/0	11/6	39/18	178/39	363/46	467/52	
UAØKBG	201,630	528	130	SOHP	15.9	0/0	0/0	40/23	46/20	189/42	253/45	
RKØUN	98,838	297	114	SOHP	9.3	0/0	11/7	43/24	87/33	129/39	27/11	
UA9JLL	47,268	206	78	SOHP	5.4	0/0	0/0	3/3	108/37	62/23	33/15	
UD8A	42,813	206	71	SOLP	6.4	0/0	0/0	0/0	102/34	69/24	35/13	
RZ9YI	35,778	182	67	SOHP	8.0	0/0	0/0	0/0	91/35	91/32	0/0	
RWØAJ	30,195	169	61	SOLP	9.0	0/0	0/0	0/0	110/35	59/26	0/0	
UA9CHL	26,271	140	63	SOLP	5.9	0/0	0/0	0/0	62/30	70/26	8/7	
RCØL	9,288	73	43	SOLP	2.1	0/0	8/6	18/7	0/0	10/10	37/20	
UAØSRQ	7,560	64	40	SOLP	4.4	0/0	0/0	0/0	39/25	22/13	3/2	
UA9AX	4,851	52	33	SOLP	1.8	0/0	0/0	0/0	27/18	25/15	0/0	
R9JX	4,455	45	33	SOHP	3.7	0/0	0/0	8/8	30/18	3/3	4/4	
RAØACM	3,870	44	30	SOHP	2.8	0/0	0/0	12/9	9/8	23/13	0/0	
UBØAZR	2,112	33	22	SOQRP	3.7	0/0	0/0	0/0	29/19	4/3	0/0	
UDØO	2,016	31	24	SOLP	1.9	0/0	0/0	0/0	27/20	2/2	2/2	
UA9BA	328,050	682	162	SOUHP	13.1	0/0	0/0	81/37	378/52	124/44	99/29	
RCØCD	184,440	598	106	SOULP	15.2	0/0	0/0	14/9	158/29	301/50	125/18	
RDØA	172,305	566	105	SOUHP	9.5	0/0	0/0	56/27	469/50	39/26	2/2	
UA9MA	164,424	416	136	SOUHP	7.9	0/0	0/0	62/30	206/49	92/35	56/22	
RZØL	140,400	482	100	SOUHP	6.0	1/1	29/11	0/0	0/0	218/44	234/44	
RW9QA	88,350	327	95	SOUHP	10.5	0/0	0/0	4/4	224/47	58/29	41/15	
UA9CTT	87,840	311	96	SOUHP	9.2	0/0	0/0	3/3	131/37	94/31	83/25	
RT9A	79,794	344	78	SOUHP	5.5	0/0	0/0	0/0	23/15	133/31	188/32	

R9AE	73,920	329	77	SOUHP	8.0	0/0	0/0	0/0	263/49	66/28	0/0	
RD8D	64,092	220	98	SOULP	12.2	0/0	0/0	23/15	82/32	75/31	40/20	
R9CX	55,596	231	82	SOUHP	6.9	0/0	0/0	1/1	57/28	119/32	54/21	
UA9CDC	50,049	203	83	SOUHP	5.9	0/0	0/0	22/16	116/37	53/21	12/9	
UCØA	48,552	238	68	SOUHP	4.5	0/0	0/0	0/0	133/39	105/29	0/0	
RZ9UO	43,215	217	67	SOULP	4.5	0/0	0/0	0/0	156/40	54/21	7/6	
UA9R	42,180	188	76	SOULP	7.4	0/0	0/0	3/3	84/31	70/27	31/15	
UAØSU	18,792	112	58	SOUHP	5.3	0/0	0/0	2/2	55/26	32/23	23/7	
RAØAM	16,335	135	45	SOUHP	3.6	0/0	0/0	10/8	125/37	0/0	0/0	
RY9C	14,766	107	46	SOUHP	3.0	0/0	0/0	0/0	37/22	1/1	69/23	
UA9OQM	13,536	94	48	SOULP	5.5	0/0	0/0	0/0	62/29	31/18	1/1	
RØMM	13,095	98	45	SOUHP	4.5	0/0	6/3	25/6	0/0	36/20	31/16	
R9SS	12,150	90	45	SOULP	3.1	0/0	0/0	0/0	15/9	46/23	29/13	
RA9JM	6,678	56	42	SOULP	4.8	0/0	0/0	1/1	38/26	15/13	2/2	
RW9C	3,999	43	31	SOULP	1.7	0/0	0/0	0/0	12/9	27/18	4/4	
RA9MX	2,139	32	23	SOULP	1.4	0/0	0/0	2/2	30/21	0/0	0/0	
RØSBI	108	6	6	SOULP	0.6	0/0	0/0	0/0	6/6	0/0	0/0	
RØAA	24,600	208	41	SOHP-20	5.9	0/0	0/0	0/0	208/41	0/0	0/0	
RW9AV	4,209	61	23	SOLP-20	5.0	0/0	0/0	0/0	61/23	0/0	0/0	
RC8SC	1,248	28	16	SOLP-20	1.8	0/0	0/0	0/0	28/16	0/0	0/0	
RA9Y	161,424	984	57	SOUHP-20	22.3	0/0	0/0	0/0	984/57	0/0	0/0	
RGØA	50,550	350	50	SOUHP-20	4.5	0/0	0/0	0/0	350/50	0/0	0/0	
RK9A	11,832	121	34	SOUHP-15	4.2	0/0	0/0	0/0	0/0	121/34	0/0	
UBØA	3,306	59	19	SOUHP-15	2.0	0/0	0/0	0/0	0/0	59/19	0/0	
RX9WN	4,002	58	23	SOHP-10	0.6	0/0	0/0	0/0	0/0	0/0	58/23	
RX9CC	2,448	51	16	SOLP-10	2.6	0/0	0/0	0/0	0/0	0/0	51/16	
RUØL	48	7	4	SOLP-10	0.9	0/0	0/0	0/0	0/0	0/0	7/4	
UAØCA	39,168	280	48	SOUHP-10	6.0	0/0	0/0	0/0	0/0	0/0	280/48	
RWØLD	13,986	129	37	SOUHP-10	2.9	0/0	0/0	0/0	0/0	0/0	129/37	
Azerbaijan												
4K6FO	66,150	301	75	SOLP	4.6	0/0	0/0	0/0	16/11	104/31	181/33	
China												
BD3CT	17,748	128	51	SOLP	7.6	0/0	0/0	13/7	10/5	57/24	48/15	
BD5XX	16,638	119	47	SOLP	9.6	0/0	1/1	23/9	6/5	32/13	57/19	
BA6KC	13,728	107	44	SOLP	6.5	0/0	0/0	0/0	20/16	33/10	54/18	
BD4QB	10,302	102	34	SOHP	2.4	0/0	0/0	0/0	0/0	0/0	102/34	
BG3GRU	9,954	82	42	SOLP	6.5	0/0	0/0	11/5	14/11	28/14	29/12	
BG8DIV	7,812	84	31	SOLP	5.1	0/0	0/0	5/3	1/1	30/15	48/12	
BG1WNU	6,882	81	31	SOLP	4.6	0/0	0/0	7/3	11/3	29/12	34/13	
BA2BA	5,940	69	30	SOLP	5.0	0/0	1/1	12/7	7/5	22/9	27/8	
BD3TR	3,744	49	26	SOLP	4.2	0/0	0/0	0/0	11/8	10/6	28/12	
BD4LB	570	19	10	SOLP	2.0	0/0	0/0	2/1	0/0	3/3	14/6	
BH1JHC	570	20	10	SOLP	1.3	0/0	0/0	2/2	1/1	1/1	16/6	
BD7ODG	216	9	8	SOLP	0.7	0/0	0/0	1/1	0/0	3/2	5/5	

BG3GBZ	30	5	2	SOLP	0.5	0/0	0/0	0/0	0/0	5/2	0/0	
BD3TE	106,029	359	99	SOULP	9.8	0/0	0/0	19/9	53/27	206/41	81/22	
BG1HGS	94,962	326	98	SOUHP	11.0	0/0	1/1	29/9	32/20	123/37	141/31	
BA4VE	30,798	186	59	SOULP	4.5	0/0	0/0	17/6	4/4	137/38	28/11	
BD4VGZ	23,079	163	49	SOULP	3.0	0/0	0/0	0/0	7/6	112/35	44/8	
BG3ILY	8,322	77	38	SOULP	3.7	0/0	0/0	5/4	0/0	44/23	28/11	
BA5AB	6,993	65	37	SOULP	2.2	0/0	0/0	10/7	6/5	10/8	39/17	
BD2RJ	3,528	42	28	SOUHP	2.0	0/0	0/0	0/0	5/4	11/10	26/14	
BD3GNI	2,856	49	28	SOULP	5.2	0/0	0/0	3/1	7/6	23/13	16/8	
BH3EMZ	1,944	43	18	SOULP	3.0	0/0	0/0	0/0	0/0	43/18	0/0	
BD3QT	567	22	9	SOULP	3.0	0/0	0/0	0/0	0/0	0/0	22/9	
BI4SDT	288	16	6	SOUHP-80	3.9	0/0	16/6	0/0	0/0	0/0	0/0	
BG6GQE	45	5	3	SOUHP-80	4.1	0/0	5/3	0/0	0/0	0/0	0/0	
BG8PC	441	21	7	SOLP-40	1.5	0/0	0/0	21/7	0/0	0/0	0/0	
BD7OB	12	2	2	SOQRP-40	0.4	0/0	0/0	2/2	0/0	0/0	0/0	
BH4BFS	432	16	9	SOUHP-40	2.2	0/0	0/0	16/9	0/0	0/0	0/0	
BA4TB	27,468	221	42	SOULP-20	12.2	0/0	0/0	0/0	221/42	0/0	0/0	
BD4QA	34,224	257	46	SOLP-15	6.1	0/0	0/0	0/0	0/0	257/46	0/0	
BA1RB	17,760	150	40	SOLP-15	2.5	0/0	0/0	0/0	0/0	150/40	0/0	
BA3AX	16,095	157	37	SOLP-15	4.4	0/0	0/0	0/0	0/0	157/37	0/0	
BD7BW	378	15	9	SOLP-15	0.9	0/0	0/0	0/0	0/0	15/9	0/0	
BD7JIR	72	6	4	SOLP-15	0.9	0/0	0/0	0/0	0/0	6/4	0/0	
BG8PM	18	4	3	SOLP-15	0.6	0/0	0/0	0/0	0/0	4/3	0/0	
BH4BIN	252	15	7	SOULP-15	3.8	0/0	0/0	0/0	0/0	15/7	0/0	
BI4MPH	96	8	4	SOULP-15	0.6	0/0	0/0	0/0	0/0	8/4	0/0	
BH2UBD	4,416	70	23	SOLP-10	8.4	0/0	0/0	0/0	0/0	0/0	70/23	
BH2SWB	2,970	48	22	SOLP-10	0.9	0/0	0/0	0/0	0/0	0/0	48/22	
BI8CZM	1,200	40	10	SOLP-10	3.0	0/0	0/0	0/0	0/0	0/0	40/10	
BH1IZQ	3	1	1	SOLP-10	0.0	0/0	0/0	0/0	0/0	0/0	1/1	
BA5CW	49,419	333	51	SOULP-10	6.2	0/0	0/0	0/0	0/0	0/0	333/51	
BI4VIP	2,064	44	16	SOULP-10	3.3	0/0	0/0	0/0	0/0	0/0	44/16	
Cyprus												
C4W	477,264	1,011	163	SOHP	11.0	0/0	0/0	131/25	284/44	278/48	318/46	
P3X (5B4AMM, op)	278,178	670	142	SOUHP	6.3	0/0	0/0	1/1	267/45	176/44	226/52	
P3C (5B4AOF, op)	77,688	526	52	SOHP-10	8.1	0/0	0/0	0/0	0/0	0/0	526/52	
Georgia												
4L6QL	40,275	182	75	SOLP	17.7	0/0	0/0	30/11	48/25	38/18	66/21	
4L9M	3,975	53	25	SOQRP	4.0	0/0	0/0	0/0	0/0	17/10	36/15	
4L8A	42,570	336	43	SOHP-10	9.0	0/0	0/0	0/0	0/0	0/0	336/43	
Hong Kong												
VR2CO	19,440	138	48	SOHP	7.6	0/0	0/0	8/5	0/0	84/31	46/12	
VR2NC	5,550	80	25	SOLP-15	8.2	0/0	0/0	0/0	0/0	80/25	0/0	
VR2T (VR2ZQZ, op)	5,478	85	22	SOLP-10	2.8	0/0	0/0	0/0	0/0	0/0	85/22	
VR2VRC	252	15	6	SOLP-10	1.5	0/0	0/0	0/0	0/0	0/0	15/6	

India												
VU2TMP	21,780	134	55	SOLP	3.4	0/0	0/0	0/0	11/8	62/25	61/22	
VU3GDS	14,946	115	47	SOLP	4.2	0/0	0/0	0/0	79/29	0/0	36/18	
VU2NXM	1,827	30	21	SOLP	2.7	0/0	0/0	17/9	0/0	9/9	4/3	
VU2MZT	117	16	13	SOUHP	3.1	0/0	0/0	0/0	4/4	11/8	1/1	
Israel												
4Z5LU	9,945	76	51	SOLP	7.1	0/0	0/0	0/0	22/15	36/22	18/14	
4X6FR	384,714	744	174	SOUHP	10.8	0/0	0/0	188/43	282/50	177/44	97/37	
4X1VF	222,768	561	136	SOUHP	14.0	0/0	15/9	105/26	38/20	244/48	159/33	
4X1ST	88,500	315	100	SOULP	17.0	0/0	1/1	136/33	44/22	75/27	59/17	
4Z5LY	47,124	194	84	SOUHP	6.8	0/0	5/5	19/11	24/17	35/19	111/32	
4X1IM	22,491	127	63	SOUHP	8.1	0/0	0/0	0/0	67/27	39/21	21/15	
4Z4KX	6,426	108	21	SOULP-80	7.9	0/0	108/21	0/0	0/0	0/0	0/0	
Japan												
JF2QNM	1,593,750	2,180	250	SOHP	38.2	26/11	96/33	469/52	464/49	697/55	428/50	
JA7FTR	1,062,174	1,716	211	SOHP	26.3	0/0	8/6	225/46	374/48	593/56	516/55	
JH7QXJ	1,004,250	1,659	206	SOHP	25.7	0/0	0/0	328/51	360/48	504/53	467/54	
JA7NVF	988,992	1,692	204	SOHP	29.2	0/0	22/11	243/42	422/46	422/53	583/52	
J11RXQ	982,176	1,579	208	SOLP	34.8	3/3	59/15	250/44	247/42	447/51	573/53	
JR2SCJ	911,232	1,360	226	SOHP	25.1	11/6	107/29	193/47	358/46	426/50	265/48	
JS1OYN	863,877	1,335	217	SOLP	32.0	5/5	62/19	277/50	181/40	347/53	463/50	
JA1BJI	830,592	1,363	206	SOLP	35.3	9/4	65/16	228/42	187/39	432/53	442/52	
JH1OGC	745,995	1,237	205	SOLP	29.5	2/2	99/21	242/49	129/34	409/50	356/49	
JA7NPV	730,296	1,223	207	SOHP	24.7	7/7	41/17	194/42	233/39	347/51	401/51	
JA7ACM	595,791	1,044	193	SOHP	20.7	3/3	30/13	182/45	76/30	380/52	373/50	
JA1PNA	573,573	1,023	191	SOHP	17.9	0/0	14/8	163/42	175/37	277/52	394/52	
JA2AXB	534,450	1,049	175	SOHP	19.8	0/0	18/11	77/28	185/35	436/52	333/49	
J11AVY	532,350	1,067	169	SOHP	18.7	0/0	0/0	267/44	213/44	166/33	421/48	
JQ1ABC	506,232	973	178	SOHP	23.2	0/0	63/17	101/34	192/35	454/53	163/39	
JR1GSE	488,955	893	185	SOHP	19.4	10/5	37/10	166/41	167/41	284/46	229/42	
JR3KQJ	422,280	842	170	SOHP	16.3	9/5	30/13	105/27	169/38	203/41	326/46	
JA6BZI	391,782	794	167	SOHP	15.7	6/4	23/10	87/32	68/25	370/48	240/48	
JA1TMG	369,018	756	166	SOHP	20.4	0/0	33/13	172/40	148/39	346/55	57/19	
JE4MHL	317,370	720	149	SOLP	20.5	0/0	23/12	92/19	128/29	224/42	253/47	
JR3NZN	313,020	974	111	SOHP	8.8	0/0	0/0	0/0	9/7	543/53	422/51	
JO7KMB	241,527	564	143	SOHP	16.7	0/0	12/9	67/28	119/27	116/33	250/46	
JE1BMJ	239,739	517	157	SOHP	13.2	7/7	56/20	77/23	39/24	126/39	212/44	
JR3RIU	215,040	579	128	SOHP	11.7	0/0	0/0	35/14	123/25	194/42	227/47	
J14WHS	213,462	546	134	SOLP	17.3	0/0	25/10	37/16	97/25	194/43	193/40	
JR2PMT	204,102	506	138	SOHP	7.7	0/0	16/10	31/19	23/14	200/49	236/46	
JA7UES	188,136	482	134	SOHP	13.7	0/0	9/7	45/22	79/25	119/37	230/43	
JH7UJU	182,910	457	134	SOQRP	26.9	0/0	19/10	73/17	91/28	136/39	138/40	
JHØILL	175,512	436	142	SOHP	9.8	0/0	35/16	71/23	113/32	100/33	117/38	
JF1SEK	165,318	485	118	SOHP	5.6	0/0	1/1	13/11	32/15	170/42	269/49	

7K1CPT	163,500	441	125	SOQRP	13.5	0/0	5/3	32/15	52/22	90/37	262/48	
JH1RNI	158,592	478	112	SOHP	6.2	0/0	0/0	52/24	1/1	154/40	271/47	
JQ1NGT	146,520	407	120	SOQRP	23.0	0/0	0/0	0/0	0/0	0/0	0/0	
JR1NHD	143,106	401	122	SOHP	10.6	0/0	0/0	35/16	35/19	136/43	195/44	
JA8RWU	140,958	384	123	SOLP	16.8	0/0	16/9	38/13	77/25	101/34	152/42	
JS1KKY	134,946	382	119	SOLP	9.1	0/0	30/14	55/20	81/27	141/39	75/19	
JA1CJL	131,196	384	116	SOLP	13.2	0/0	5/4	15/9	57/20	199/45	108/38	
J11FOE	116,610	363	115	SOHP	10.8	0/0	16/10	73/26	6/4	139/38	129/37	
JO3JYE	104,247	365	99	SOLP	10.0	0/0	3/3	23/15	20/10	178/36	141/35	
7K1MAG/2	96,084	318	102	SOLP	10.6	0/0	5/4	29/11	68/22	99/28	117/37	
JR6CSY	94,188	337	94	SOHP	7.5	0/0	8/5	24/13	0/0	94/31	211/45	
JH1HIC	88,635	313	95	SOHP	12.7	0/0	14/7	68/22	50/20	165/40	16/6	
JF1LMB	87,633	274	107	SOHP	13.4	0/0	9/8	44/20	28/11	83/30	110/38	
JA2ODB	87,495	313	95	SOLP	6.7	0/0	0/0	20/12	28/17	48/21	217/45	
JE1RZR	86,310	277	105	SOLP	7.1	0/0	11/6	20/11	19/14	81/33	146/41	
JJØPJD	85,860	277	106	SOLP	16.3	0/0	11/8	35/14	42/16	70/28	119/40	
JHØKHR	82,926	275	102	SOHP	5.6	2/2	10/6	12/8	16/11	158/41	77/34	
JA1SCE	82,080	286	96	SOLP	12.2	0/0	0/0	48/13	17/11	103/35	118/37	
JL3JRY	81,648	339	84	SOHP	5.2	0/0	2/2	33/20	21/12	283/50	0/0	
JJ3QJI	77,556	283	92	SOLP	14.1	0/0	16/9	34/12	37/12	54/21	142/38	
JA4VNE	77,184	269	96	SOHP	14.8	0/0	17/9	34/12	17/6	96/32	105/37	
JJ1VFE	76,452	279	92	SOHP	10.5	0/0	0/0	32/14	50/15	79/29	118/34	
JH7VTE	75,915	250	105	SOLP	8.6	0/0	17/9	31/16	35/16	110/38	57/26	
JK1FNL	75,075	281	91	SOHP	9.7	0/0	3/3	29/13	4/4	67/28	178/43	
JA3AVO	69,300	231	100	SOHP	7.2	0/0	9/8	25/14	52/23	67/27	78/28	
JR1NKN	65,535	257	85	SOQRP	15.4	0/0	0/0	21/10	32/12	91/30	113/33	
JA2FXV	65,532	257	86	SOLP	13.4	0/0	7/5	36/12	18/6	76/27	120/36	
JA2KKA	63,162	244	87	SOLP	10.0	0/0	0/0	42/16	28/12	53/23	121/36	
JF1WNT	59,760	242	83	SOLP	13.5	0/0	0/0	33/13	33/11	69/23	107/36	
JJ3TBB	59,262	238	83	SOLP	14.3	0/0	7/3	16/9	53/16	51/23	111/32	
JJØVWVQ	56,610	228	85	SOLP	8.4	1/1	23/10	44/24	96/23	58/22	6/5	
JA1BBC	54,810	217	87	SOHP	14.0	0/0	7/6	20/11	32/11	68/25	90/34	
JA3JM	54,315	218	85	SOLP	8.7	0/0	0/0	27/11	27/12	67/25	97/37	
JA2GHP	53,823	235	77	SOLP	10.4	0/0	0/0	0/0	50/17	74/23	111/37	
JO4MTH	53,760	228	80	SOLP	11.1	0/0	0/0	48/16	6/5	63/28	111/31	
JE1RRK	53,037	223	83	SOLP	8.7	0/0	0/0	20/10	49/17	92/30	62/26	
JO1VVT	52,530	207	85	SOLP	12.0	0/0	5/4	19/10	53/18	52/23	78/30	
JH2MYN	52,275	209	85	SOLP	9.3	0/0	0/0	35/15	0/0	72/32	102/38	
JG1LHB	52,200	207	87	SOHP	10.5	0/0	0/0	18/9	32/14	64/33	93/31	
JM8FEI	52,152	218	82	SOLP	13.7	0/0	9/6	40/11	51/20	65/26	53/19	
JH1LEM	51,870	195	91	SOHP	10.2	0/0	12/8	37/19	40/17	50/22	56/25	
JK1NSR	49,275	225	75	SOLP	10.6	0/0	0/0	0/0	34/14	75/27	116/34	
JH1OLB	46,170	195	81	SOHP	8.2	0/0	0/0	0/0	11/9	98/37	86/35	
JM8LND	43,320	190	76	SOLP	7.1	0/0	0/0	11/6	46/17	66/27	67/26	

JH2RIH	43,290	202	74	SOLP	16.8	0/0	0/0	36/12	20/9	87/26	59/27	
JE1QHP	41,610	190	73	SOHP	12.3	0/0	5/4	16/9	28/9	45/17	96/34	
7K1PYG	41,349	193	77	SOLP	9.4	0/0	14/6	32/11	18/10	103/37	26/13	
JO1QNO	40,812	184	76	SOHP	11.1	0/0	0/0	35/21	42/23	107/32	0/0	
JAØBJY	40,194	175	77	SOLP	3.6	0/0	8/4	13/8	14/9	53/26	87/30	
JA2EMP	39,270	161	85	SOHP	8.4	0/0	7/5	37/17	32/19	27/18	58/26	
JH7IQQ	38,346	175	77	SOLP	7.4	0/0	0/0	12/8	23/12	55/26	85/31	
JP1EWY	37,884	169	77	SOHP	5.4	0/0	0/0	20/13	16/8	99/36	34/20	
JA4LCI	37,440	160	80	SOLP	8.6	0/0	6/4	12/11	28/14	53/27	61/24	
7L3KJV	36,135	176	73	SOLP	9.9	0/0	0/0	24/12	13/7	59/26	80/28	
JM8RWJ	34,875	166	75	SOLP	11.0	0/0	0/0	23/11	19/10	65/27	59/27	
JE2BOM	34,719	163	71	SOHP	8.0	0/0	4/4	33/16	36/13	40/16	50/22	
JA3NUT	34,650	181	70	SOLP	14.9	0/0	12/6	24/10	10/6	66/21	69/27	
JE2PCY	34,365	146	79	SOLP	5.5	0/0	9/6	23/12	13/8	32/21	69/32	
JA5CBU	34,200	193	60	SOLP	9.9	0/0	4/3	39/11	37/10	53/17	60/19	
JE3AKU	33,945	157	73	SOQRP	15.0	0/0	23/9	39/17	20/8	35/20	40/19	
JJ1JVC	32,064	169	64	SOLP	14.7	0/0	12/7	24/10	32/10	32/16	69/21	
JE5HTN	31,950	154	71	SOLP	11.2	0/0	17/7	30/15	21/9	26/17	60/23	
JH7IXX	31,296	168	64	SOHP	16.1	0/0	23/11	35/14	46/13	13/7	51/19	
JO1WIZ	31,248	169	62	SOLP	8.5	0/0	0/0	16/10	4/2	79/28	70/22	
JK7CWL	30,888	134	78	SOLP	6.0	0/0	2/2	28/19	8/7	40/22	56/28	
JG2RFJ	30,810	159	65	SOLP	10.0	0/0	0/0	23/12	31/13	43/20	62/20	
JGØEXP	30,030	144	70	SOLP	5.6	0/0	4/2	24/11	29/13	34/19	53/25	
JH1XUZ	28,296	131	72	SOLP	4.1	0/0	2/2	10/9	8/6	37/23	74/32	
JK1JAS	28,116	133	71	SOLP	9.5	0/0	8/5	14/9	37/15	48/24	26/18	
JA2QVP	27,945	137	69	SOLP	4.2	0/0	0/0	9/6	30/13	41/22	57/28	
JA6SRB	25,920	138	64	SOHP	8.3	0/0	0/0	36/15	18/9	39/19	45/21	
JF2FIU	25,830	125	70	SOHP	5.1	5/5	19/11	24/16	45/14	23/18	9/6	
JA6CVR	25,380	142	60	SOLP	10.4	0/0	4/4	24/10	16/6	53/22	45/18	
JF1HAJ	24,864	150	56	SOLP	16.5	0/0	0/0	23/11	10/6	85/28	32/11	
JM1VNI	24,570	133	63	SOLP	5.6	0/0	0/0	21/10	12/8	38/21	62/24	
JH1DJD	24,381	137	63	SOLP	7.7	0/0	0/0	29/13	15/9	20/13	73/28	
JA6BWH	23,760	121	66	SOHP	7.5	0/0	17/9	46/21	10/7	8/6	40/23	
JO6NZN	23,490	135	58	SOLP	7.2	0/0	3/2	22/10	9/6	53/18	48/22	
JE1PMQ	22,815	118	65	SOQRP	9.0	0/0	13/10	45/18	7/7	34/19	19/11	
JJ1EPE	22,680	121	63	SOHP	6.1	0/0	0/0	21/10	19/13	39/20	42/20	
JE2GUV	22,506	121	62	SOHP	6.3	0/0	5/4	24/17	0/0	34/16	58/25	
JS2IMR	21,750	129	58	SOHP	4.6	0/0	0/0	0/0	22/14	38/17	69/27	
JG1FML	21,504	118	64	SOLP	5.5	0/0	0/0	5/5	18/13	32/16	63/30	
JR2FJC	21,120	133	55	SOLP	7.5	0/0	0/0	20/10	21/8	28/15	64/22	
JE2DOD	21,060	113	65	SOLP	5.1	0/0	4/3	21/11	15/10	32/18	41/23	
JK1VMC	20,700	123	60	SOLP	8.3	0/0	7/4	27/12	0/0	31/13	58/31	
7K1JFM	18,444	121	53	SOHP	9.3	0/0	7/4	28/12	25/8	26/13	35/16	
JM1LRA	18,150	110	55	SOLP	3.8	0/0	1/1	7/6	2/2	46/24	54/22	

JM7SKE	18,126	110	57	SOHP	4.3	0/0	0/0	6/5	18/11	19/14	67/27	
JH1HMC	17,748	119	51	SOLP	7.7	0/0	0/0	26/11	20/9	27/11	46/20	
JH9CEN	17,136	104	56	SOHP	5.4	0/0	4/4	23/11	6/6	31/15	40/20	
JA4YPE	16,995	110	55	SOLP	3.0	0/0	0/0	0/0	11/7	32/15	67/33	
JM1KNI	16,350	110	50	SOLP	4.5	0/0	0/0	16/8	4/3	44/22	46/17	
JF6KKC	16,284	119	46	SOLP	6.4	0/0	0/0	0/0	0/0	80/30	39/16	
JR2VFJ	15,510	97	55	SOHP	4.5	0/0	0/0	12/10	0/0	14/11	71/34	
JR1ATA	15,147	104	51	SOLP	7.2	0/0	0/0	9/6	23/8	33/17	39/20	
JF5SIM	14,904	96	54	SOHP	3.2	0/0	3/2	19/10	23/18	51/24	0/0	
JA9EJG	14,700	100	50	SOLP	6.4	0/0	5/4	12/8	0/0	59/26	24/12	
JA1WQX	14,664	113	47	SOLP	9.0	0/0	0/0	29/13	25/9	14/8	45/17	
JO1PZR	14,664	109	47	SOLP	11.4	0/0	4/3	28/11	7/4	60/24	10/5	
JA9LX	14,544	101	48	SOLP	5.3	0/0	0/0	16/9	28/12	28/14	29/13	
JK1BVN	14,382	96	51	SOLP	7.7	0/0	17/10	28/13	10/5	8/7	33/16	
JA1UHI	14,355	90	55	SOLP	3.8	0/0	0/0	21/13	3/2	29/18	37/22	
JF1OPO	14,310	91	53	SOLP	6.1	0/0	7/6	6/5	17/8	17/9	44/25	
JJ1QLT	14,112	99	48	SOHP	2.9	0/0	0/0	19/11	4/3	54/25	22/9	
JG1WKM	13,254	95	47	SOLP	6.5	0/0	0/0	28/13	10/7	28/16	29/11	
JK1HWU	13,197	85	53	SOLP	4.6	1/1	10/6	12/7	2/2	26/17	34/20	
JA6FFO	12,555	103	45	SOHP	8.2	0/0	9/6	27/11	17/9	28/10	22/9	
JS1DEH	12,495	129	35	SOHP	3.2	0/0	0/0	0/0	2/2	127/33	0/0	
JAØJHQ	12,423	107	41	SOLP	6.4	0/0	1/1	13/9	7/5	2/2	84/24	
JJØVXN	12,144	93	44	SOLP	6.1	0/0	0/0	18/10	23/10	3/3	49/21	
JA2JWH	11,376	79	48	SOHP	3.2	0/0	0/0	0/0	12/9	20/14	47/25	
JJØTWX	10,935	84	45	SOLP	9.4	0/0	1/1	8/5	1/1	43/21	31/17	
JE8UHY	9,990	75	45	SOLP	4.2	0/0	0/0	20/11	23/12	17/11	15/11	
JJ7PMS	9,585	78	45	SOHP	4.6	0/0	15/9	9/6	0/0	19/11	35/19	
JA3KKE	9,546	77	43	SOHP	4.7	0/0	0/0	13/9	15/5	21/13	28/16	
JR7BVQ	9,384	68	46	SOLP	6.7	0/0	21/9	9/7	0/0	15/13	23/17	
JR8NOD	9,384	70	46	SOLP	3.1	0/0	0/0	17/14	12/9	24/15	17/8	
JE6TUP	9,348	85	38	SOLP	5.5	0/0	0/0	16/9	24/10	40/16	5/3	
JR7ASO	9,243	80	39	SOLP	4.0	0/0	0/0	18/8	1/1	31/18	30/12	
JQ3BVC	8,550	100	30	SOLP	3.3	0/0	0/0	6/4	84/20	10/6	0/0	
JA1CRJ	8,160	69	40	SOLP	1.9	0/0	0/0	5/4	15/7	14/8	35/21	
JR2PAU	8,064	68	42	SOHP	4.8	0/0	0/0	0/0	0/0	26/14	42/28	
JJ1AQY	7,869	65	43	SOQRP	2.8	0/0	0/0	14/8	0/0	23/17	28/18	
JA1OHP	7,770	73	37	SOLP	2.4	0/0	0/0	0/0	3/3	25/14	45/20	
JL1GPG	7,770	76	35	SOHP	7.0	0/0	0/0	36/13	0/0	0/0	40/22	
JRØECQ	7,770	74	35	SOLP	6.5	0/0	3/3	15/10	0/0	29/13	27/9	
JG1GOY/3	7,650	76	34	SOLP	7.5	0/0	0/0	0/0	0/0	52/23	24/11	
JP1JZR	7,440	66	40	SOLP	5.3	0/0	9/7	20/12	2/2	25/11	10/8	
JJ1IVX	7,308	88	28	SOLP	3.5	0/0	0/0	18/10	0/0	0/0	70/18	
JF1WAM	7,095	57	43	SOLP	2.8	0/0	2/2	5/5	3/3	25/15	22/18	
JA6FOF	6,816	75	32	SOLP	4.3	0/0	0/0	10/7	0/0	1/1	64/24	

JH1HGI	6,300	60	35	SOLP	3.3	0/0	4/4	23/12	2/2	9/7	22/10	
JR2BYJ	5,841	59	33	SOQRP	2.9	0/0	0/0	13/9	2/2	33/18	11/4	
JS2KHM	5,829	69	29	SOLP	5.3	0/0	0/0	11/7	0/0	58/22	0/0	
JH7IMX	5,814	52	38	SOLP	1.6	0/0	8/6	0/0	3/2	18/13	23/17	
JA8HBO	5,673	64	31	SOLP	5.5	0/0	0/0	5/5	23/9	32/13	4/4	
JF1EPL	5,673	62	31	SOLP	3.6	0/0	4/3	23/11	1/1	24/12	10/4	
JE1GUU	5,472	62	32	SOLP	5.0	0/0	0/0	8/6	0/0	21/10	33/16	
7M1MCY	4,851	53	33	SOLP	4.0	0/0	5/4	15/8	13/9	7/6	13/6	
JA8RUZ	4,836	54	31	SOHP	1.1	0/0	0/0	0/0	0/0	14/11	40/20	
JG1TGQ	4,800	50	32	SOLP	2.4	0/0	7/4	18/9	0/0	19/14	6/5	
JE2LPC	4,650	50	31	SOHP	2.5	0/0	25/10	11/9	0/0	0/0	14/12	
JH1JJV	4,611	53	29	SOQRP	5.0	0/0	0/0	0/0	0/0	32/19	21/10	
JH3PRR	4,386	46	34	SOHP	2.1	0/0	0/0	0/0	16/11	30/23	0/0	
JS1BXH	4,350	50	29	SOLP	2.6	0/0	0/0	17/9	10/6	0/0	23/14	
JA1BJT	4,212	52	27	SOLP	3.6	0/0	0/0	6/3	5/4	12/7	29/13	
JJ1FXF	4,095	39	35	SOHP	1.6	0/0	4/4	3/3	2/2	20/16	10/10	
JF3KCH	4,032	57	24	SOHP	4.8	0/0	0/0	25/9	19/8	13/7	0/0	
JJ5RAX	3,627	46	31	SOLP	3.5	0/0	0/0	12/9	0/0	14/11	20/11	
JH4HVL	3,564	43	33	SOLP	4.3	0/0	0/0	9/7	9/7	19/14	6/5	
JS1NDM	3,321	44	27	SOHP	1.3	0/0	0/0	9/8	3/2	30/15	2/2	
JG1UQD	3,312	53	23	SOLP	7.4	0/0	0/0	29/12	0/0	22/9	2/2	
JQ3BAV	3,306	41	29	SOLP	4.2	0/0	0/0	9/5	7/6	9/7	16/11	
JA4GQD	3,075	45	25	SOLP	4.9	0/0	0/0	8/6	10/5	4/2	23/12	
JK1ESR	3,075	41	25	SOLP	2.7	0/0	0/0	16/7	0/0	25/18	0/0	
JF1GZZ	2,997	38	27	SOLP	2.1	0/0	0/0	9/7	2/2	13/8	14/10	
JE2HCJ	2,808	36	26	SOLP	1.9	0/0	1/1	7/6	0/0	12/9	16/10	
JH8IYN	2,700	42	25	SOLP	3.3	0/0	0/0	0/0	10/7	13/10	19/8	
JK1EJP	2,691	39	23	SOLP	5.1	0/0	0/0	0/0	2/2	15/9	22/12	
JN1FAO	2,508	40	22	SOLP	4.0	0/0	0/0	14/7	8/3	18/12	0/0	
JA1BVY	2,448	34	24	SOHP	1.5	0/0	0/0	2/2	0/0	19/14	13/8	
JA1XEC	2,430	31	27	SOHP	0.6	0/0	11/10	0/0	0/0	0/0	20/17	
JA6LJN	2,139	31	23	SOHP	1.9	0/0	0/0	12/9	0/0	19/14	0/0	
JM3FUW	1,914	30	22	SOLP	0.9	0/0	0/0	5/5	1/1	11/7	13/9	
JG1LMT	1,800	38	24	SOLP	4.7	0/0	0/0	8/5	10/6	12/7	8/6	
JN1KMI	1,620	30	18	SOLP	2.3	0/0	0/0	10/6	13/7	7/5	0/0	
JA9CCG	1,584	34	16	SOHP	2.3	0/0	0/0	0/0	17/7	1/1	16/8	
JE3OUU	1,377	28	17	SOLP	3.2	0/0	0/0	0/0	7/6	3/2	18/9	
JH1JNJ	1,296	25	18	SOHP	1.4	0/0	5/4	17/12	3/2	0/0	0/0	
JJ1HRD/6	1,296	37	12	SOLP	3.3	0/0	0/0	0/0	0/0	34/11	3/1	
JK1DVU	1,173	24	17	SOLP	2.5	0/0	0/0	1/1	8/6	3/2	12/8	
JH1GTU	1,140	24	19	SOLP	3.0	0/0	0/0	6/5	1/1	10/7	7/6	
JR4EFA	990	28	15	SOLP	4.3	0/0	0/0	0/0	8/5	20/10	0/0	
JR7NFW	882	21	14	SOLP	1.0	0/0	2/2	16/10	3/2	0/0	0/0	
JR3UIC	864	20	16	SOHP	0.7	1/1	7/5	5/4	3/3	3/2	1/1	

JG1SRO	840	20	14	SOHP	0.6	0/0	0/0	0/0	0/0	20/14	0/0	
JE9PFD	780	21	13	SOLP	1.7	0/0	0/0	17/10	4/3	0/0	0/0	
JM8ONP	756	18	14	SOLP	1.6	0/0	1/1	2/2	0/0	12/8	3/3	
JH1NLF	720	19	15	SOLP	2.0	0/0	0/0	3/3	1/1	3/2	12/9	
JH1SAR	630	16	14	SOLP	1.1	0/0	0/0	6/5	0/0	10/9	0/0	
JL2TAW	624	16	13	SOLP	0.8	0/0	0/0	9/8	0/0	7/5	0/0	
JA4MLR	540	16	12	SOLP	2.2	0/0	0/0	0/0	4/4	12/8	0/0	
JH6JBQ	528	20	11	SOLP	2.7	0/0	0/0	0/0	0/0	11/6	9/5	
JR6QXL	480	16	10	SOLP	1.4	0/0	0/0	12/7	0/0	0/0	4/3	
JH1TJH	405	16	9	SOLP	1.1	0/0	0/0	3/2	11/5	0/0	2/2	
JL1LNC	396	13	11	SOHP	1.1	0/0	0/0	1/1	0/0	12/10	0/0	
JR3KAH	360	15	8	SOLP	1.0	0/0	0/0	6/4	0/0	9/4	0/0	
7K2VNA	324	12	9	SOQRP	0.9	0/0	0/0	0/0	2/1	6/6	4/2	
JK1CEK	324	12	9	SOLP	0.9	0/0	0/0	0/0	0/0	4/3	8/6	
JF1ABZ	297	11	9	SOQRP	1.2	0/0	0/0	0/0	0/0	3/3	8/6	
JK1UVL	297	11	9	SOHP	0.8	0/0	5/4	4/3	0/0	2/2	0/0	
JN1GFR	270	11	9	SOLP	2.0	0/0	0/0	0/0	1/1	3/3	7/5	
JH1WOY	240	11	8	SOLP	0.8	0/0	0/0	0/0	0/0	7/6	4/2	
JL1JJD	168	9	7	SOHP	0.5	0/0	0/0	9/7	0/0	0/0	0/0	
J11CAZ	162	9	6	SOLP	1.2	0/0	1/1	8/5	0/0	0/0	0/0	
JA1AVI/1	60	5	4	SOLP	0.2	0/0	0/0	0/0	1/1	4/3	0/0	
JE1LFX	1,409,580	1,944	246	SOUHP	32.8	0/0	88/28	390/54	376/52	458/56	632/56	
JH1EAQ	829,464	1,312	214	SOULP	28.3	0/0	95/24	232/44	191/43	302/50	492/53	
JAØFVU	746,706	1,300	194	SOUHP	19.7	2/2	58/17	130/35	153/36	429/52	528/52	
JF7PHE	673,740	1,196	190	SOUHP	26.3	6/5	52/13	152/31	166/37	292/50	528/54	
JA6GCE	643,905	1,072	205	SOULP	31.8	2/2	37/13	194/41	216/50	288/49	335/50	
JN1THL	613,173	1,112	187	SOUHP	21.3	0/0	17/9	232/46	134/32	342/49	387/51	
JE1NVD	563,223	963	197	SOUHP	21.3	4/4	34/14	91/31	210/41	361/55	263/52	
JK2RCP	549,120	1,043	176	SOULP	31.3	0/0	35/11	111/24	210/39	301/50	386/52	
JF3IPR	421,326	798	178	SOUHP	19.1	7/5	40/11	115/28	207/38	202/46	227/50	
JK1OLT	405,300	786	175	SOULP	20.7	4/4	34/11	143/37	116/34	212/43	277/46	
JG1LFR	380,460	755	170	SOULP	30.3	3/2	49/14	117/29	109/29	211/46	266/50	
JK1LSE	375,003	750	171	SOULP	20.1	0/0	28/11	95/31	87/30	306/51	234/48	
JH2FXK	340,692	647	178	SOUHP	21.2	14/8	54/15	103/32	128/37	133/40	215/46	
JHØNEC	335,088	730	156	SOULP	10.2	0/0	24/10	71/24	110/27	223/46	302/49	
JA1IAZ	302,400	684	150	SOULP	14.5	0/0	15/8	67/23	100/27	169/44	333/48	
JH6OPP	290,904	736	136	SOUHP	14.9	0/0	8/6	41/15	51/23	178/42	458/50	
J11LET	244,620	545	151	SOUHP	13.9	1/1	22/12	55/26	41/23	155/42	271/47	
JG6JAV	215,340	495	148	SOULP	23.3	3/3	28/11	94/28	78/29	120/34	172/43	
JA1RPK	190,464	516	124	SOUHP	12.9	0/0	0/0	62/20	72/18	166/41	216/45	
JK1HIX	170,046	425	134	SOUHP	9.3	6/4	25/10	44/19	46/19	123/37	181/45	
JA7SUR	154,875	429	125	SOULP	24.6	0/0	27/10	62/18	70/22	94/32	176/43	
JH9DRL	144,018	388	127	SOUHP	20.0	5/4	23/11	46/15	72/25	100/33	142/39	
JN2QCV	142,044	363	133	SOULP	13.6	0/0	12/9	62/25	39/18	136/42	114/39	

7K4VPV	139,725	410	115	SOUHP	10.4	0/0	0/0	36/14	68/23	145/37	161/41	
JlØVWL	107,640	305	120	SOUHP	5.7	1/1	16/10	67/26	120/38	53/22	48/23	
JK7DWD	102,144	304	112	SOUQRP	17.6	0/0	9/7	32/12	78/28	95/33	90/32	
JR2AWS	94,608	295	108	SOUHP	12.9	3/3	21/10	47/17	50/17	76/26	98/35	
JJ1XBQ	94,185	300	105	SOUHP	10.1	0/0	2/2	39/16	47/15	74/32	138/40	
JH8GEU	88,578	277	111	SOUHP	12.4	0/0	4/3	15/12	58/25	132/42	68/29	
JG1XIO	80,958	266	103	SOULP	12.5	0/0	15/9	21/10	35/16	106/37	89/31	
JHØUUY/1	67,017	252	89	SOULP	20.3	0/0	9/5	40/11	55/17	56/20	92/36	
JA1KZP	59,328	207	96	SOUHP	10.6	0/0	14/9	35/14	24/13	50/25	84/35	
JQ1TIV	55,806	269	71	SOUHP	2.3	0/0	3/3	29/20	0/0	0/0	237/48	
JF1JDG	47,871	206	81	SOULP	11.3	0/0	12/8	52/14	24/10	63/26	55/23	
JK6DXD	47,142	194	81	SOUHP	8.6	0/0	0/0	16/8	27/11	73/29	78/33	
Jl1HFJ	45,030	196	79	SOULP	5.4	0/0	21/11	25/10	36/13	36/13	78/32	
JK2VOC	43,068	195	74	SOUQRP	10.3	0/0	6/4	20/9	46/13	58/20	65/28	
JA3VOV	42,552	198	72	SOUHP	11.5	0/0	3/2	33/12	59/20	51/18	52/20	
JF3LOP	42,174	202	71	SOUHP	5.3	6/5	9/7	38/22	0/0	0/0	149/37	
JH1CTV	40,986	198	69	SOUHP	7.2	0/0	2/1	42/13	40/12	51/20	63/23	
JR1NWV	40,530	195	70	SOULP	9.8	0/0	14/8	31/14	31/9	22/8	97/31	
JH6QIL	39,375	175	75	SOULP	5.8	0/0	0/0	39/11	17/12	44/24	75/28	
JK1TCV	38,844	166	78	SOUQRP	9.0	0/0	0/0	21/10	45/13	50/27	50/28	
JF3NDW	36,972	159	78	SOUHP	6.9	0/0	7/4	19/11	34/14	42/22	57/27	
JA1CTZ	35,343	153	77	SOULP	3.6	0/0	22/10	48/18	3/2	35/25	45/22	
JA2HYD	33,327	161	69	SOUHP	5.3	0/0	7/4	30/12	35/19	74/27	15/7	
JH2LMH	31,356	158	67	SOULP	10.2	0/0	0/0	23/13	28/11	33/13	74/30	
JHØMUC	30,429	148	69	SOULP	7.3	0/0	0/0	19/12	33/13	43/20	53/24	
JS2KWL	26,244	164	54	SOUHP	9.9	0/0	0/0	15/7	59/19	48/13	42/15	
JF3LGC	25,704	153	56	SOUHP	4.9	0/0	17/8	39/16	0/0	1/1	96/31	
JR5CAG	24,522	139	61	SOULP	7.7	0/0	0/0	17/9	9/8	68/27	45/17	
JHØDUG	22,320	126	60	SOULP	6.9	0/0	7/5	34/12	9/5	17/13	59/25	
JH1BNC	20,160	121	56	SOUHP	2.6	0/0	0/0	0/0	0/0	28/17	93/39	
JJ1ONK	18,564	119	52	SOULP	8.7	0/0	0/0	29/11	11/6	49/18	30/17	
JG6OZC	16,050	108	50	SOUHP	2.0	0/0	0/0	0/0	0/0	44/24	64/26	
JH3EQP	15,369	111	47	SOUHP	4.5	0/0	0/0	12/8	20/10	30/11	49/18	
JK8CEE	14,628	96	53	SOULP	2.9	0/0	0/0	9/7	22/11	26/14	39/21	
JA7GYP	12,348	89	49	SOUHP	6.0	0/0	17/9	32/19	40/21	0/0	0/0	
JE6QQN	11,934	79	51	SOUHP	3.7	0/0	15/9	25/14	2/2	22/16	15/10	
JA1UXV	10,530	79	45	SOULP	2.9	0/0	0/0	16/11	3/3	9/6	51/25	
JA5FNX	10,332	83	42	SOUHP	5.1	1/1	22/11	22/11	13/7	1/1	24/11	
JAØIND/1	10,323	98	37	SOULP	8.0	0/0	0/0	0/0	30/10	13/8	55/19	
JF2MBF	9,108	69	44	SOUHP	2.0	0/0	9/7	2/2	0/0	40/20	18/15	
JA1PTO	6,840	60	40	SOULP	1.8	0/0	0/0	0/0	7/7	30/18	23/15	
JJ1VZZ	5,376	58	32	SOULP	4.7	0/0	0/0	13/7	2/2	4/4	39/19	
JAØBZY	4,257	45	33	SOUHP	2.7	0/0	3/3	6/5	1/1	0/0	35/24	
JJ1UBX	3,384	49	24	SOULP	5.6	0/0	0/0	0/0	24/9	15/8	10/7	

JH5HDA	2,736	38	24	SOULP	1.2	0/0	0/0	10/6	0/0	16/11	12/7	
JK3RHX	2,592	36	24	SOUHP	2.2	0/0	0/0	6/5	9/6	18/11	3/2	
JL7GGH	2,016	38	21	SOULP	4.5	0/0	0/0	0/0	1/1	29/12	8/8	
JP7SJI	1,794	26	23	SOULP	3.5	0/0	0/0	1/1	0/0	4/4	21/18	
JRØELG	1,725	25	25	SOULP	1.5	2/2	0/0	0/0	0/0	3/3	20/20	
JA7ZP	546	15	13	SOUHP	1.5	0/0	2/2	7/5	4/4	2/2	0/0	
JA4MRL	297	11	9	SOULP	0.5	0/0	0/0	6/5	0/0	1/1	4/3	
JE1SPY	750	25	10	SOLP-160	2.7	25/10	0/0	0/0	0/0	0/0	0/0	
JA9FHB	432	16	9	SOHP-160	1.0	16/9	0/0	0/0	0/0	0/0	0/0	
JF1AMX	2,352	49	16	SOUHP-160	5.5	49/16	0/0	0/0	0/0	0/0	0/0	
JN7FAH	540	20	9	SOUHP-160	2.5	20/9	0/0	0/0	0/0	0/0	0/0	
JH7XMO	24,570	202	42	SOHP-80	10.1	0/0	202/42	0/0	0/0	0/0	0/0	
JR3EOI	2,856	60	17	SOHP-80	6.7	0/0	60/17	0/0	0/0	0/0	0/0	
JA3BXF	960	33	10	SOHP-80	4.5	0/0	33/10	0/0	0/0	0/0	0/0	
JH1APZ	693	21	11	SOQRP-80	4.4	0/0	21/11	0/0	0/0	0/0	0/0	
JA5NSR	456	19	8	SOHP-80	4.1	0/0	19/8	0/0	0/0	0/0	0/0	
JH1BBT	3,735	85	15	SOULP-80	7.6	0/0	85/15	0/0	0/0	0/0	0/0	
JH1APK	1,482	39	13	SOUHP-80	7.7	0/0	39/13	0/0	0/0	0/0	0/0	
JH4CES	1,170	31	13	SOULP-80	3.4	0/0	31/13	0/0	0/0	0/0	0/0	
JJ3KHN/2	930	31	10	SOULP-80	7.0	0/0	31/10	0/0	0/0	0/0	0/0	
JP3WEL (JG1EIQ, op)	690	23	10	SOULP-80	10.3	0/0	23/10	0/0	0/0	0/0	0/0	
JJØVNR	98,904	643	52	SOHP-40	18.6	0/0	0/0	643/52	0/0	0/0	0/0	
JA6SHL	55,539	374	51	SOHP-40	13.0	0/0	0/0	374/51	0/0	0/0	0/0	
JA5EXN/5	25,284	196	43	SOLP-40	13.5	0/0	0/0	196/43	0/0	0/0	0/0	
JH3FUK	9,801	104	33	SOHP-40	8.2	0/0	0/0	104/33	0/0	0/0	0/0	
JQ3ALW	3,480	59	20	SOHP-40	3.9	0/0	0/0	59/20	0/0	0/0	0/0	
JK7UST	2,970	45	22	SOQRP-40	7.8	0/0	0/0	45/22	0/0	0/0	0/0	
JJ1GXY	2,244	45	17	SOLP-40	4.7	0/0	0/0	45/17	0/0	0/0	0/0	
JR1ABS	1,755	46	13	SOQRP-40	5.6	0/0	0/0	46/13	0/0	0/0	0/0	
JH4FUF	891	27	11	SOLP-40	1.6	0/0	0/0	27/11	0/0	0/0	0/0	
JE3VRJ	810	29	10	SOHP-40	4.7	0/0	0/0	29/10	0/0	0/0	0/0	
JE1RXJ	336	14	8	SOHP-40	0.4	0/0	0/0	14/8	0/0	0/0	0/0	
JJØSFV	252	12	7	SOHP-40	1.0	0/0	0/0	12/7	0/0	0/0	0/0	
JL1LOF	216	13	6	SOLP-40	0.7	0/0	0/0	13/6	0/0	0/0	0/0	
JE1WBA	180	10	6	SOLP-40	0.7	0/0	0/0	10/6	0/0	0/0	0/0	
JF1PEQ	168	9	7	SOLP-40	1.2	0/0	0/0	9/7	0/0	0/0	0/0	
JJ1DGW	144	9	6	SOLP-40	0.8	0/0	0/0	9/6	0/0	0/0	0/0	
JL1NIE	60	5	4	SOLP-40	0.3	0/0	0/0	5/4	0/0	0/0	0/0	
8J1DENPA (JF3CGN, op)	27	3	3	SOLP-40	0.2	0/0	0/0	3/3	0/0	0/0	0/0	
JA7KED	12	3	2	SOLP-40	0.3	0/0	0/0	3/2	0/0	0/0	0/0	
JA9XAT	12	2	2	SOLP-40	0.0	0/0	0/0	2/2	0/0	0/0	0/0	
JG1BGT	3	1	1	SOQRP-40	0.0	0/0	0/0	1/1	0/0	0/0	0/0	
JJ1SWI	3	1	1	SOQRP-40	0.0	0/0	0/0	1/1	0/0	0/0	0/0	
JJ1AEB	12,078	122	33	SOULP-40	17.4	0/0	0/0	122/33	0/0	0/0	0/0	

JA1TBA	7,047	82	29	SOUHP-40	8.1	0/0	0/0	82/29	0/0	0/0	0/0
JH5MXB	2,772	44	21	SOUHP-40	3.1	0/0	0/0	44/21	0/0	0/0	0/0
JK1DVP	273	13	7	SOULP-40	0.5	0/0	0/0	13/7	0/0	0/0	0/0
JHØEPI	24,102	209	39	SOLP-20	4.9	0/0	0/0	0/0	209/39	0/0	0/0
JA6FCL	2,091	42	17	SOLP-20	2.9	0/0	0/0	0/0	42/17	0/0	0/0
JA7LLL	1,680	30	20	SOLP-20	1.8	0/0	0/0	0/0	30/20	0/0	0/0
JA3GOJ	720	30	8	SOHP-20	2.9	0/0	0/0	0/0	30/8	0/0	0/0
JR1USU	144	8	6	SOLP-20	0.8	0/0	0/0	0/0	8/6	0/0	0/0
7K3CZU	84	7	4	SOLP-20	0.2	0/0	0/0	0/0	7/4	0/0	0/0
JH1AIL	75	6	5	SOHP-20	0.7	0/0	0/0	0/0	6/5	0/0	0/0
JA1FFB	12	2	2	SOHP-20	0.1	0/0	0/0	0/0	2/2	0/0	0/0
JH7VHZ	69,003	458	51	SOUHP-20	15.0	0/0	0/0	0/0	458/51	0/0	0/0
7L4FCN	288	16	6	SOULP-20	1.6	0/0	0/0	0/0	16/6	0/0	0/0
JG7PSJ	136,116	805	57	SOHP-15	6.8	0/0	0/0	0/0	0/0	805/57	0/0
7K4XNN	116,325	718	55	SOHP-15	12.8	0/0	0/0	0/0	0/0	718/55	0/0
JF3BFS	88,935	544	55	SOLP-15	9.9	0/0	0/0	0/0	0/0	544/55	0/0
JA9CWJ	53,568	377	48	SOHP-15	10.3	0/0	0/0	0/0	0/0	377/48	0/0
JF3IYW	50,337	333	51	SOLP-15	5.4	0/0	0/0	0/0	0/0	333/51	0/0
JJ1RJR	48,348	319	51	SOLP-15	15.2	0/0	0/0	0/0	0/0	319/51	0/0
JF1KML	44,100	300	50	SOLP-15	8.4	0/0	0/0	0/0	0/0	300/50	0/0
JA1GQC	38,775	278	47	SOLP-15	6.1	0/0	0/0	0/0	0/0	278/47	0/0
JO1VRK	19,980	187	36	SOLP-15	11.2	0/0	0/0	0/0	0/0	187/36	0/0
JJ1ENZ	13,608	128	36	SOLP-15	6.3	0/0	0/0	0/0	0/0	128/36	0/0
JA1CTB	10,914	114	34	SOHP-15	1.4	0/0	0/0	0/0	0/0	114/34	0/0
JH8RXM	7,395	85	29	SOLP-15	4.9	0/0	0/0	0/0	0/0	85/29	0/0
JH1KYA	6,525	75	29	SOLP-15	4.7	0/0	0/0	0/0	0/0	75/29	0/0
JM8SMO	4,437	51	29	SOLP-15	2.8	0/0	0/0	0/0	0/0	51/29	0/0
JH8DHV	4,278	64	23	SOQRP-15	7.2	0/0	0/0	0/0	0/0	64/23	0/0
JE1CAC	4,056	53	26	SOQRP-15	3.1	0/0	0/0	0/0	0/0	53/26	0/0
JJ1LNR	3,888	57	24	SOHP-15	2.5	0/0	0/0	0/0	0/0	57/24	0/0
JA1KPF	3,249	58	19	SOQRP-15	7.5	0/0	0/0	0/0	0/0	58/19	0/0
JA3RAZ	1,632	36	16	SOLP-15	1.5	0/0	0/0	0/0	0/0	36/16	0/0
JA3DAY	1,287	33	13	SOLP-15	3.5	0/0	0/0	0/0	0/0	33/13	0/0
JA2OZM	1,116	32	12	SOLP-15	2.0	0/0	0/0	0/0	0/0	32/12	0/0
JK1VUZ	1,092	26	14	SOQRP-15	3.8	0/0	0/0	0/0	0/0	26/14	0/0
JJ1BDX	798	19	14	SOLP-15	0.6	0/0	0/0	0/0	0/0	19/14	0/0
JM1LDV	780	20	13	SOLP-15	1.1	0/0	0/0	0/0	0/0	20/13	0/0
JA1LKY	756	19	14	SOLP-15	1.6	0/0	0/0	0/0	0/0	19/14	0/0
JE8PHS	720	25	10	SOLP-15	2.2	0/0	0/0	0/0	0/0	25/10	0/0
JJ1LAI	720	16	15	SOLP-15	2.1	0/0	0/0	0/0	0/0	16/15	0/0
JA1FXO/7	567	21	9	SOQRP-15	3.6	0/0	0/0	0/0	0/0	21/9	0/0
JO1KTD	540	17	12	SOLP-15	1.5	0/0	0/0	0/0	0/0	17/12	0/0
JA1DBG	420	20	10	SOLP-15	2.1	0/0	0/0	0/0	0/0	20/10	0/0
JJ1HWL	210	10	7	SOLP-15	0.7	0/0	0/0	0/0	0/0	10/7	0/0

JK1XAY	12	3	2	SOLP-15	0.9	0/0	0/0	0/0	0/0	3/2	0/0	
JE1CKA	176,115	1,010	59	SOUHP-15	16.1	0/0	0/0	0/0	0/0	1,010/59	0/0	
JH7XGN	131,712	792	56	SOUHP-15	11.9	0/0	0/0	0/0	0/0	792/56	0/0	
JF9JTS (JAØTEA, op)	91,410	566	55	SOUHP-15	9.7	0/0	0/0	0/0	0/0	566/55	0/0	
JM1NKT	37,485	256	49	SOUQRP-15	10.4	0/0	0/0	0/0	0/0	256/49	0/0	
JJ1PBK	14,364	127	38	SOULP-15	6.0	0/0	0/0	0/0	0/0	127/38	0/0	
JE6WOQ	9,696	102	32	SOUHP-15	6.3	0/0	0/0	0/0	0/0	102/32	0/0	
JM1EKM	4,050	55	25	SOULP-15	4.2	0/0	0/0	0/0	0/0	55/25	0/0	
JP7DKQ	168,300	1,027	55	SOHP-10	12.3	0/0	0/0	0/0	0/0	0/0	1,027/55	
JF1SQC	146,160	876	56	SOHP-10	11.1	0/0	0/0	0/0	0/0	0/0	876/56	
JH3AIU	123,585	757	55	SOHP-10	10.1	0/0	0/0	0/0	0/0	0/0	757/55	
JJØPKS (JH7PKU, op)	119,232	750	54	SOHP-10	10.1	0/0	0/0	0/0	0/0	0/0	750/54	
JS6TSE (JM1UWB, op)	114,057	676	57	SOHP-10	12.2	0/0	0/0	0/0	0/0	0/0	676/57	
JM7OLW	107,244	666	54	SOHP-10	7.8	0/0	0/0	0/0	0/0	0/0	666/54	
JA6WFM	77,112	508	51	SOLP-10	10.7	0/0	0/0	0/0	0/0	0/0	508/51	
JJ1LBJ	56,550	380	50	SOLP-10	6.5	0/0	0/0	0/0	0/0	0/0	380/50	
JJ2JQF/1	49,452	321	52	SOLP-10	4.6	0/0	0/0	0/0	0/0	0/0	321/52	
JA3XOG	37,044	268	49	SOHP-10	3.9	0/0	0/0	0/0	0/0	0/0	268/49	
JA3MQY	37,008	259	48	SOHP-10	3.4	0/0	0/0	0/0	0/0	0/0	259/48	
JK8PBO	36,897	255	49	SOLP-10	10.1	0/0	0/0	0/0	0/0	0/0	255/49	
JR8QFG	36,519	261	47	SOLP-10	5.6	0/0	0/0	0/0	0/0	0/0	261/47	
JE1GWO	26,730	198	45	SOLP-10	8.8	0/0	0/0	0/0	0/0	0/0	198/45	
JP1IXV	25,872	196	44	SOLP-10	6.8	0/0	0/0	0/0	0/0	0/0	196/44	
JA7AMK	20,664	164	42	SOLP-10	8.0	0/0	0/0	0/0	0/0	0/0	0/0	
JH8XVH	18,576	148	43	SOLP-10	5.3	0/0	0/0	0/0	0/0	0/0	148/43	
JA2PFO	16,029	142	39	SOHP-10	6.4	0/0	0/0	0/0	0/0	0/0	142/39	
JJ1HNC	14,514	124	41	SOHP-10	4.6	0/0	0/0	0/0	0/0	0/0	124/41	
JA1CHY	14,490	124	42	SOLP-10	7.4	0/0	0/0	0/0	0/0	0/0	124/42	
JR1AQI	14,040	120	39	SOLP-10	3.8	0/0	0/0	0/0	0/0	0/0	120/39	
JA3EGE	12,882	118	38	SOHP-10	4.2	0/0	0/0	0/0	0/0	0/0	118/38	
JE7WBI	12,204	116	36	SOLP-10	4.5	0/0	0/0	0/0	0/0	0/0	116/36	
JA9FFS	11,970	106	38	SOLP-10	4.2	0/0	0/0	0/0	0/0	0/0	106/38	
JK1HIY	11,766	107	37	SOHP-10	4.2	0/0	0/0	0/0	0/0	0/0	107/37	
JH5OJH/5	11,556	113	36	SOLP-10	4.4	0/0	0/0	0/0	0/0	0/0	113/36	
JG1UKW	10,404	102	34	SOLP-10	11.5	0/0	0/0	0/0	0/0	0/0	102/34	
JM1SMY	10,098	105	33	SOLP-10	5.8	0/0	0/0	0/0	0/0	0/0	105/33	
JR1UJX	9,858	107	31	SOQRP-10	5.5	0/0	0/0	0/0	0/0	0/0	107/31	
JR1AKD	7,743	89	29	SOLP-10	5.9	0/0	0/0	0/0	0/0	0/0	89/29	
JA1WTO	7,623	77	33	SOLP-10	5.5	0/0	0/0	0/0	0/0	0/0	77/33	
JK1CNL	6,912	86	32	SOLP-10	7.0	0/0	0/0	0/0	0/0	0/0	86/32	
JF1TEU	6,840	79	30	SOLP-10	4.0	0/0	0/0	0/0	0/0	0/0	79/30	
JE1JNJ	6,003	76	29	SOHP-10	4.8	0/0	0/0	0/0	0/0	0/0	76/29	
JH1VMM	5,829	71	29	SOLP-10	6.6	0/0	0/0	0/0	0/0	0/0	71/29	
JH1MTR/4	5,520	80	23	SOLP-10	4.2	0/0	0/0	0/0	0/0	0/0	80/23	

JH3FTZ	4,968	70	24	SOLP-10	6.3	0/0	0/0	0/0	0/0	0/0	70/24	
JA1AKL	4,725	66	25	SOLP-10	3.1	0/0	0/0	0/0	0/0	0/0	66/25	
7K1III	4,125	57	25	SOLP-10	2.5	0/0	0/0	0/0	0/0	0/0	57/25	
JK1FDF	3,906	65	21	SOLP-10	6.2	0/0	0/0	0/0	0/0	0/0	65/21	
J11AEP	2,700	47	20	SOQRP-10	8.3	0/0	0/0	0/0	0/0	0/0	47/20	
JO4JKL	2,244	45	17	SOLP-10	2.2	0/0	0/0	0/0	0/0	0/0	45/17	
JH6SCA	1,710	38	15	SOLP-10	2.7	0/0	0/0	0/0	0/0	0/0	38/15	
JE1GZB	1,554	38	14	SOLP-10	2.0	0/0	0/0	0/0	0/0	0/0	38/14	
JA3JRI	1,035	24	15	SOLP-10	1.3	0/0	0/0	0/0	0/0	0/0	24/15	
JHØKFI	882	22	14	SOQRP-10	1.8	0/0	0/0	0/0	0/0	0/0	22/14	
JL1FAR	675	15	15	SOLP-10	1.0	0/0	0/0	0/0	0/0	0/0	15/15	
JL1QDO	660	22	11	SOLP-10	1.6	0/0	0/0	0/0	0/0	0/0	22/11	
JE4KQH	585	16	13	SOLP-10	2.0	0/0	0/0	0/0	0/0	0/0	16/13	
JR8WOW	363	14	11	SOLP-10	1.9	0/0	0/0	0/0	0/0	0/0	14/11	
JK1JCE	360	15	8	SOLP-10	0.6	0/0	0/0	0/0	0/0	0/0	15/8	
JA8HCH	216	9	9	SOLP-10	0.9	0/0	0/0	0/0	0/0	0/0	9/9	
JK1NWD	144	8	6	SOQRP-10	1.5	0/0	0/0	0/0	0/0	0/0	8/6	
JH5FTY	108	6	6	SOHP-10	0.7	0/0	0/0	0/0	0/0	0/0	6/6	
JK1WSH	3	1	1	SOHP-10	0.0	0/0	0/0	0/0	0/0	0/0	1/1	
JRØBQD	3	1	1	SOLP-10	0.0	0/0	0/0	0/0	0/0	0/0	1/1	
JR4OZR	142,065	872	55	SOUHP-10	9.3	0/0	0/0	0/0	0/0	0/0	872/55	
JN4MMO	109,890	674	55	SOUHP-10	17.8	0/0	0/0	0/0	0/0	0/0	674/55	
JA1MZM	88,614	560	54	SOULP-10	8.7	0/0	0/0	0/0	0/0	0/0	560/54	
JL1CNY	78,468	516	52	SOUHP-10	10.9	0/0	0/0	0/0	0/0	0/0	516/52	
JA2KVB	47,700	320	50	SOULP-10	7.7	0/0	0/0	0/0	0/0	0/0	320/50	
JH6WHN	45,276	313	49	SOULP-10	7.3	0/0	0/0	0/0	0/0	0/0	313/49	
JH4UTP	40,800	276	50	SOULP-10	4.3	0/0	0/0	0/0	0/0	0/0	276/50	
JF1RYU	36,096	257	47	SOULP-10	7.6	0/0	0/0	0/0	0/0	0/0	257/47	
JF2OZH	35,424	251	48	SOULP-10	3.3	0/0	0/0	0/0	0/0	0/0	251/48	
JA1BPA	32,508	252	43	SOUHP-10	2.3	0/0	0/0	0/0	0/0	0/0	252/43	
JN3DSH	31,188	226	46	SOULP-10	7.0	0/0	0/0	0/0	0/0	0/0	226/46	
JG3FEA	27,792	195	48	SOULP-10	6.2	0/0	0/0	0/0	0/0	0/0	195/48	
JK1AUY	21,120	177	40	SOULP-10	10.8	0/0	0/0	0/0	0/0	0/0	177/40	
JG2AIG	15,162	133	38	SOULP-10	5.2	0/0	0/0	0/0	0/0	0/0	133/38	
JG2TSL	15,120	130	40	SOULP-10	4.3	0/0	0/0	0/0	0/0	0/0	130/40	
JE7LHT	12,321	113	37	SOULP-10	5.5	0/0	0/0	0/0	0/0	0/0	113/37	
JF1OVA	9,702	101	33	SOULP-10	6.2	0/0	0/0	0/0	0/0	0/0	101/33	
JH3QFY	9,024	95	32	SOULP-10	3.9	0/0	0/0	0/0	0/0	0/0	95/32	
JA1QIF	4,500	61	25	SOULP-10	3.6	0/0	0/0	0/0	0/0	0/0	61/25	
JH3DMQ	4,209	63	23	SOUQRP-10	4.9	0/0	0/0	0/0	0/0	0/0	63/23	
7N3IJT	3,150	42	25	SOUHP-10	2.9	0/0	0/0	0/0	0/0	0/0	42/25	
JG8TDZ	1,296	36	12	SOUHP-10	2.1	0/0	0/0	0/0	0/0	0/0	36/12	
Kazakhstan												
UN6LNL	106,500	368	100	SOLP	11.5	0/0	0/0	0/0	148/43	113/34	107/23	

UN9GD	12,750	87	50	SOHP	3.3	0/0	0/0	0/0	42/23	22/13	23/14	
UN7EV	1,716	28	22	SOLP	2.6	0/0	0/0	0/0	23/17	5/5	0/0	
UNØL	576	16	12	SOLP	0.5	0/0	0/0	0/0	12/8	3/3	1/1	
UN7LZ	85,284	311	92	SOUHP	5.6	0/0	0/0	0/0	59/31	139/34	113/27	
UN8PT	27,318	159	58	SOULP	7.2	0/0	0/0	1/1	77/28	76/24	5/5	
UP5B (UN7ZO, op)	19,662	118	58	SOUHP	3.1	0/0	0/0	42/21	25/18	51/19	0/0	
UN7QF	3,948	57	28	SOLP-20	1.7	0/0	0/0	0/0	57/28	0/0	0/0	
UN7CAW	3,300	52	22	SOLP-20	6.5	0/0	0/0	0/0	52/22	0/0	0/0	
UN7ZW	2,508	43	22	SOHP-20	4.7	0/0	0/0	0/0	43/22	0/0	0/0	
UN7CN	810	19	15	SOLP-20	0.9	0/0	0/0	0/0	19/15	0/0	0/0	
UN4PG	14,145	118	41	SOUHP-20	5.4	0/0	0/0	0/0	118/41	0/0	0/0	
UN4PD	8,613	88	33	SOULP-20	8.6	0/0	0/0	0/0	88/33	0/0	0/0	
UN3G	1,014	26	13	SOHP-10	1.9	0/0	0/0	0/0	0/0	0/0	26/13	
UN3M	33,462	291	39	SOUHP-10	4.8	0/0	0/0	0/0	0/0	0/0	291/39	
Kuwait												
9K2NO	692,580	1,397	170	SOHP	16.9	1/1	0/0	366/38	539/51	207/39	284/41	
Kyrgyzstan												
EXØDX	2,109	40	19	SOULP	3.4	0/0	0/0	1/1	39/18	0/0	0/0	
Mongolia												
JT1CO	586,464	1,210	164	SOHP	18.3	0/0	9/4	266/47	627/54	233/45	75/14	
JT1BV	3,570	86	14	SOLP-10	3.0	0/0	0/0	0/0	0/0	0/0	86/14	
Nepal												
9N7AA (S53R, op)	97,920	417	80	SOUHP	6.8	0/0	0/0	0/0	204/39	211/39	2/2	
Oman												
A41CK	1,344	30	16	SOULP-15	2.7	0/0	0/0	0/0	0/0	30/16	0/0	
Republic of Korea												
HL2WA	478,179	904	183	SOHP	16.9	0/0	34/13	119/38	189/39	213/44	349/49	
HL3AMO	42,387	202	71	SOLP	7.7	0/0	11/6	33/11	22/8	36/14	100/32	
DS5VTG	18,408	118	52	SOLP	6.2	0/0	0/0	6/4	13/7	48/22	51/19	
HL5FEI	5,250	59	35	SOLP	3.3	0/0	0/0	6/4	2/2	11/7	40/22	
HL2EIZ	3,807	52	27	SOHP	2.1	0/0	0/0	0/0	0/0	2/2	50/25	
DS3EXT	20,445	145	47	SOULP	11.6	0/0	11/4	32/11	30/9	25/10	47/13	
HL4CEL	378	22	6	SOHP-15	0.4	0/0	0/0	0/0	0/0	22/6	0/0	
HL2AHL	36	4	3	SOHP-10	0.5	0/0	0/0	0/0	0/0	0/0	4/3	
Singapore												
9V1YC	117,900	400	100	SOHP	7.0	0/0	0/0	68/23	149/33	132/34	51/10	
Taiwan												
BU2EP	2,052	37	19	SOULP	3.8	0/0	0/0	11/7	0/0	3/3	23/9	
BU2EV	945	21	15	SOULP	1.9	0/0	0/0	4/4	0/0	6/5	11/6	
BV5OQ	54	6	3	SOUHP-40	0.4	0/0	0/0	6/3	0/0	0/0	0/0	
Thailand												
HSØZNV	5,376	58	32	SOHP	6.5	0/0	0/0	2/2	6/5	28/17	22/8	
HSØZME (SM6NT, op)	3,243	48	23	SOHP	3.2	0/0	0/0	0/0	10/6	30/13	8/4	
E29TGW	24,552	135	62	SOULP	7.1	0/0	0/0	27/12	14/12	77/31	17/7	

HS8NKB	504	15	12	SOULP	1.3	0/0	0/0	0/0	6/6	9/6	0/0	
HS8JWH	240	10	8	SOULP	0.4	0/0	0/0	4/3	6/5	0/0	0/0	
HSØZOK	3	1	1	SOLP-10	0.0	0/0	0/0	0/0	0/0	0/0	1/1	
E2A (E21EIC, op)	18,270	179	35	SOUHP-10	4.7	0/0	0/0	0/0	0/0	0/0	179/35	
E29AHU	285	19	5	SOULP-10	2.0	0/0	0/0	0/0	0/0	0/0	19/5	
Turkey												
TA3RT	21,600	125	60	SOUHP	1.5	0/0	0/0	0/0	14/11	64/27	47/22	
TA2TC	561	17	11	SOLP-15	1.9	0/0	0/0	0/0	0/0	17/11	0/0	
TA4RC	90	6	5	SOLP-10	0.8	0/0	0/0	0/0	0/0	0/0	6/5	
United Arab Emirates												
A65DF	1,323	23	21	SOLP	1.9	0/0	0/0	4/4	2/2	14/12	3/3	
A62A (A65BP, op)	19,992	197	34	SOHP-10	1.6	0/0	0/0	0/0	0/0	0/0	197/34	
Vietnam												
XV9DL	32,214	185	59	SOUHP	4.6	0/0	0/0	4/3	7/7	64/23	110/26	
West Malaysia												
9M2SPN	1,008	36	14	SOLP	3.4	0/0	0/0	18/5	0/0	18/9	0/0	
9M2MAD	96	8	4	SOLP	0.7	0/0	0/0	3/2	0/0	0/0	5/2	
9W2VGR	2,400	49	20	SOULP	3.1	0/0	0/0	0/0	13/9	10/5	26/6	
Call	Score	QSOs	Mults	Category	Hours	160	80	40	20	15	10	Operator(s) and/or Host
Europe												
Albania												
ZA1ME	22,464	121	64	SOLP	12.6	0/0	0/0	40/17	32/18	24/15	25/14	
ZA1AK	105	7	5	SOULP	0.7	0/0	0/0	0/0	0/0	3/2	4/3	
Austria												
OE1AAJ	185,760	400	160	SOHP	13.3	0/0	12/9	117/42	51/25	129/41	91/43	
OE1CIW	81,408	258	106	SOLP	19.1	0/0	20/12	85/29	32/16	70/27	51/22	
OE5CYL	53,136	218	82	SOLP	7.7	0/0	0/0	13/11	11/9	83/33	111/29	
OE3NHW	33,417	148	79	SOLP	16.1	0/0	15/11	19/16	41/19	36/18	37/15	
OE3VIA	528	17	11	SOLP	1.4	0/0	0/0	0/0	0/0	2/2	15/9	
OE5PEN	60	6	5	SOLP	0.6	0/0	0/0	6/5	0/0	0/0	0/0	
OE2S (OE2VEL, op)	2,214,192	2,629	283	SOUHP	26.0	15/13	158/39	468/55	715/59	547/58	726/59	
OE5TXF (G3TXF, op)	728,541	1,093	223	SOUHP	28.1	0/0	128/31	276/47	252/45	201/47	236/53	
OE8DDX	206,208	556	128	SOULP	11.4	0/0	20/8	282/40	139/33	55/23	60/24	
OE1TKW	174,216	431	136	SOUHP	9.5	4/3	7/5	18/12	109/33	62/34	231/49	
OE8TED	171,258	395	146	SOULP	10.4	3/3	65/17	81/23	83/32	81/36	82/35	
OE4EIE	83,592	347	81	SOULP	7.1	0/0	0/0	0/0	0/0	174/43	173/38	
OE6MMD	50,784	184	92	SOUHP	4.3	1/1	2/2	43/19	51/22	74/35	13/13	
OE2LCM	28,860	151	65	SOUHP	1.9	0/0	0/0	0/0	23/17	128/48	0/0	
OE6JTD	17,550	151	39	SOLP-40	5.0	0/0	0/0	151/39	0/0	0/0	0/0	
OE3MCS	3,564	56	22	SOULP-15	5.3	0/0	0/0	0/0	0/0	56/22	0/0	
OE5FIN	98,175	605	55	SOHP-10	5.1	0/0	0/0	0/0	0/0	0/0	605/55	
OE9WLJ	14,175	135	35	SOLP-10	6.6	0/0	0/0	0/0	0/0	0/0	135/35	
OE5HIL	5,445	62	33	SOLP-10	3.9	0/0	0/0	0/0	0/0	0/0	62/33	

OE1SZW	23,226	158	49	SOUHP-10	8.6	0/0	0/0	0/0	0/0	0/0	158/49	
OE1SGU	5,406	53	34	SOUHP-10	6.2	0/0	0/0	0/0	0/0	0/0	53/34	
Balearic Islands												
EF6T (EA3M, op)	5,278,338	5,771	309	SOHP	39.6	120/27	551/48	1,189/56	1,355/59	1,320/60	1,236/59	
EA6NB	207,936	461	152	SOHP	5.2	0/0	39/17	178/45	101/35	72/28	71/27	
EA6EJ	220,500	498	150	SOULP	21.3	0/0	3/3	68/31	203/35	99/39	125/42	
EA6AMM	181,467	445	141	SOULP	16.3	0/0	47/22	125/36	134/36	89/26	50/21	
EF6B	44,319	190	79	SOUHP	3.8	0/0	0/0	0/0	104/34	61/29	25/16	
Belarus												
EU3A	385,566	721	179	SOHP	24.0	0/0	23/13	104/37	175/41	197/45	222/43	
EW1OW	24,000	129	64	SOHP	7.8	0/0	1/1	34/19	24/12	46/19	24/13	
EW6EW	10,575	78	47	SOLP	3.4	0/0	0/0	0/0	17/13	24/15	37/19	
EW1KT	10,512	79	48	SOLP	5.6	0/0	0/0	3/3	20/15	40/20	16/10	
EV6Z	2,808	36	26	SOLP	1.5	0/0	0/0	0/0	28/20	0/0	8/6	
EW8G	2,178	37	22	SOQRP	2.0	0/0	0/0	5/4	32/18	0/0	0/0	
EU1A	1,311,732	1,774	249	SOUHP	25.4	11/8	119/29	548/53	332/50	463/59	301/50	
EU4E	1,090,962	1,612	227	SOUHP	35.3	3/3	179/30	223/40	227/40	444/56	536/58	
EU8U	838,704	1,402	202	SOUHP	24.7	0/0	41/15	163/36	309/46	421/53	468/52	
EU2F	741,876	1,182	211	SOULP	33.3	1/1	36/14	236/46	267/46	327/52	315/52	
EV1R	601,083	1,000	203	SOUHP	25.7	0/0	0/0	243/49	200/47	238/52	319/55	
EW1P	119,016	344	116	SOULP	8.3	0/0	0/0	1/1	90/31	138/45	115/39	
EW8OM	102,231	308	111	SOUHP	12.5	0/0	5/4	41/22	37/21	111/32	114/32	
EW4C	58,050	226	86	SOULP	7.6	0/0	0/0	1/1	10/9	95/39	120/37	
EU8R	39,444	180	76	SOULP	8.3	0/0	0/0	32/17	42/18	95/33	11/8	
EU1ST	36,072	173	72	SOUHP	12.6	0/0	1/1	44/21	12/11	106/32	10/7	
EW4GL	20,736	110	64	SOULP	6.2	0/0	0/0	3/3	29/16	26/21	52/24	
EW8DX	33,258	246	46	SOUHP-20	13.0	0/0	0/0	0/0	246/46	0/0	0/0	
EU1DX	99,528	578	58	SOHP-15	15.7	0/0	0/0	0/0	0/0	578/58	0/0	
EW1TO	36,432	272	46	SOLP-15	10.6	0/0	0/0	0/0	0/0	272/46	0/0	
EW3LN	16,614	144	39	SOHP-15	10.4	0/0	0/0	0/0	0/0	144/39	0/0	
EW1TZ	34,404	248	47	SOULP-15	8.6	0/0	0/0	0/0	0/0	248/47	0/0	
EU1FQ	10,146	92	38	SOULP-15	3.6	0/0	0/0	0/0	0/0	92/38	0/0	
Belgium												
OP7B	877,845	1,383	215	SOHP	21.2	0/0	98/30	194/43	194/39	321/47	576/56	
ON5JT	690,552	1,126	207	SOLP	21.6	0/0	116/27	118/35	298/48	296/48	298/49	
ON4CT	155,928	364	146	SOLP	9.0	12/10	34/17	62/29	24/16	100/36	132/38	
ON7ZJ	56,745	196	97	SOHP	8.5	0/0	35/20	0/0	63/26	25/15	73/36	
OT6E	46,410	255	65	SOHP	7.2	0/0	0/0	7/7	30/16	218/42	0/0	
ON7CC	29,304	151	66	SOQRP	10.9	0/0	0/0	56/18	40/16	20/10	35/22	
OT5K	21,063	121	59	SOHP	4.9	1/1	7/5	43/29	70/24	0/0	0/0	
ON7ET	7,482	60	43	SOLP	5.7	0/0	5/5	12/10	3/3	8/7	32/18	
ON4LY	864	19	16	SOLP	3.5	0/0	0/0	0/0	3/2	7/7	9/7	
OR3A (ON6CC, op)	2,295,975	2,816	275	SOUHP	27.2	56/16	261/37	524/50	468/55	680/57	827/60	
OQ5M (ON5ZO, op)	713,868	1,183	202	SOUHP	12.8	0/0	21/11	206/38	401/53	304/52	251/48	

ON4CAS	497,448	856	196	SOULP	25.3	0/0	29/15	119/38	201/41	267/50	240/52	
OP5T (ON4DS, op)	457,974	784	198	SOUHP	18.3	11/8	152/36	237/46	128/34	215/45	41/29	
OP7T (ON4IT, op)	340,806	725	158	SOUHP	13.1	0/0	7/6	354/39	64/28	158/44	142/41	
ON6NL	202,269	356	191	SOULP	8.9	0/0	9/9	50/35	99/44	99/50	99/53	
ON7XN	70,200	242	100	SOULP	11.6	0/0	0/0	36/19	75/26	43/22	88/33	
ON6LR	57,624	198	98	SOUHP	8.1	0/0	0/0	36/25	82/28	42/22	38/23	
ON5GM	43,326	168	87	SOULP	6.4	0/0	0/0	27/20	60/22	38/22	43/23	
ON9TT	23,790	122	65	SOULP	3.8	0/0	0/0	14/10	13/12	15/12	80/31	
ON5ZZ	21,045	115	61	SOULP	3.6	0/0	0/0	1/1	13/9	46/23	55/28	
ON5XX	4,674	43	38	SOULP	2.3	0/0	0/0	0/0	7/6	0/0	36/32	
ON5WL	10,179	119	29	SOHP-80	5.4	0/0	119/29	0/0	0/0	0/0	0/0	
ON9EEE	216	9	8	SOQRP-20	0.8	0/0	0/0	0/0	9/8	0/0	0/0	
OQ4U	120,420	678	60	SOHP-10	14.9	0/0	0/0	0/0	0/0	0/0	678/60	
OT4A	217,620	1,262	60	SOUHP-10	15.9	0/0	0/0	0/0	0/0	0/0	1,262/60	
OP4K	131,688	758	59	SOUHP-10	10.4	0/0	0/0	0/0	0/0	0/0	758/59	
OR7W	7,749	68	41	SOULP-10	5.2	0/0	0/0	0/0	0/0	0/0	68/41	
Bosnia-Herzegovina												
E72U	147,630	370	133	SOHP	7.3	0/0	1/1	152/39	94/30	72/35	51/28	
E78CB	12,528	88	48	SOLP	4.9	0/0	0/0	44/20	5/5	35/19	4/4	
E73RB	5,202	51	34	SOLP	2.0	0/0	0/0	13/9	3/3	18/12	17/10	
E71A	213,624	529	138	SOUHP	5.4	0/0	76/21	175/43	166/39	112/35	0/0	
E77O	16,074	142	38	SOLP-40	7.8	0/0	0/0	142/38	0/0	0/0	0/0	
E7ØY	60,030	457	46	SOULP-40	17.7	0/0	0/0	457/46	0/0	0/0	0/0	
E77D	1,995	35	19	SOULP-40	0.9	0/0	0/0	35/19	0/0	0/0	0/0	
E75RKM	3,213	54	21	SOULP-20	1.5	0/0	0/0	0/0	54/21	0/0	0/0	
E7CW (E77FA, op)	116,424	701	56	SOULP-15	14.6	0/0	0/0	0/0	0/0	701/56	0/0	
E74FRS	4,941	62	27	SOLP-10	0.8	0/0	0/0	0/0	0/0	0/0	62/27	
E77R	3,600	50	24	SOLP-10	1.3	0/0	0/0	0/0	0/0	0/0	50/24	
E74SL	4,131	52	27	SOULP-10	1.9	0/0	0/0	0/0	0/0	0/0	52/27	
Bulgaria												
LZ5DD	574,770	1,141	170	SOHP	23.7	0/0	0/0	284/36	209/36	299/49	349/49	
LZ1RW	362,664	896	138	SOHP	13.9	0/0	0/0	0/0	284/45	344/49	268/44	
LZ2RS	192,042	457	141	SOQRP	19.1	0/0	9/6	91/30	66/27	152/42	139/36	
LZ1HW	165,060	430	131	SOHP	15.5	0/0	23/12	207/43	39/19	117/38	44/19	
LZ1IQ	80,400	279	100	SOLP	17.0	0/0	0/0	2/2	62/21	114/39	101/38	
LZ1KZ	15,876	100	54	SOLP	4.7	0/0	0/0	24/14	24/13	31/14	21/13	
LZ1MC	13,572	89	52	SOLP	4.6	0/0	0/0	7/6	11/9	42/20	29/17	
LZ3AW	9,159	72	43	SOLP	8.1	0/0	0/0	11/6	21/14	36/19	4/4	
LZ1ON	7,866	72	38	SOLP	7.2	0/0	0/0	45/22	24/14	3/2	0/0	
LZ5IY	7,839	68	39	SOLP	4.0	0/0	0/0	2/2	27/13	22/13	17/11	
LZ1GE	3,276	45	26	SOLP	1.8	0/0	0/0	0/0	0/0	34/17	11/9	
LZ1IU	3,240	40	27	SOLP	2.7	0/0	0/0	18/12	14/9	6/5	2/1	
LZ3PZ	1,518	27	23	SOLP	4.0	0/0	0/0	5/3	7/6	15/14	0/0	
LZ6K (LZ2PL, op)	501,993	881	193	SOUHP	20.0	0/0	15/12	59/35	165/42	354/54	288/50	

LZ8E (LZ2BE, op)	364,296	713	172	SOUHP	7.4	0/0	0/0	81/38	79/33	187/45	366/56	
LZ4A (LZ1YQ, op)	302,430	604	170	SOUHP	10.6	0/0	0/0	42/30	101/37	162/47	299/56	
LZ7X	249,498	508	167	SOUQRP	27.3	0/0	17/13	146/37	148/39	98/40	99/38	
LZ1QV	131,880	314	140	SOULP	11.3	0/0	0/0	23/21	97/36	42/36	152/47	
LZ1ZJ	112,941	271	141	SOUHP	7.3	0/0	19/15	66/29	25/19	51/35	110/43	
LZ3M (LZ1QN, op)	95,277	350	91	SOUHP	7.3	0/0	0/0	121/29	89/23	140/39	0/0	
LZ3BB	90,630	268	114	SOUHP	3.1	0/0	20/10	78/26	25/17	90/33	55/28	
LZ6Y (LZ1KU, op)	30,954	135	77	SOUHP	3.0	0/0	24/15	35/22	48/24	1/1	27/15	
LZ1QB	25,185	119	73	SOUHP	7.8	0/0	0/0	0/0	14/12	63/35	42/26	
LZ1UK	12,000	80	50	SOUHP	4.0	0/0	3/3	6/6	33/16	13/10	25/15	
LZ4TX	1,890	45	15	SOHP-160	3.5	45/15	0/0	0/0	0/0	0/0	0/0	
LZ5G	178,353	1,074	57	SOHP-40	15.5	0/0	0/0	1,074/57	0/0	0/0	0/0	
LZ3ZZ	30,504	252	41	SOHP-40	2.8	0/0	0/0	252/41	0/0	0/0	0/0	
LZ2PS	11,346	122	31	SOLP-40	7.9	0/0	0/0	122/31	0/0	0/0	0/0	
LZ2AF	924	22	14	SOULP-40	1.1	0/0	0/0	22/14	0/0	0/0	0/0	
LZ3V	7,200	81	30	SOHP-20	2.1	0/0	0/0	0/0	81/30	0/0	0/0	
LZ6E (LZ1GU, op)	12,720	109	40	SOUQRP-20	5.3	0/0	0/0	0/0	109/40	0/0	0/0	
LZ1VKD	7,998	87	31	SOHP-15	6.0	0/0	0/0	0/0	0/0	87/31	0/0	
LZ73TRC (LZ1YE, op)	5,814	54	38	SOHP-15	0.6	0/0	0/0	0/0	0/0	54/38	0/0	
LZ4AE	141,114	818	58	SOUHP-15	14.8	0/0	0/0	0/0	0/0	818/58	0/0	
LZ2JU	3,240	50	27	SOULP-15	4.6	0/0	0/0	0/0	0/0	50/27	0/0	
LZ5Y (LZ1YE, op)	17,343	147	41	SOHP-10	1.9	0/0	0/0	0/0	0/0	0/0	147/41	
LZ2CH	7,047	90	27	SOLP-10	7.4	0/0	0/0	0/0	0/0	0/0	90/27	
LZ1MS	123,291	745	57	SOUHP-10	13.7	0/0	0/0	0/0	0/0	0/0	745/57	
LZ1GU	71,232	456	53	SOUHP-10	8.4	0/0	0/0	0/0	0/0	0/0	456/53	
LZ2ZG	1,302	31	14	SOUHP-10	0.7	0/0	0/0	0/0	0/0	0/0	31/14	
LZ2MP	396	14	11	SOULP-10	1.9	0/0	0/0	0/0	0/0	0/0	14/11	
Corsica												
TK5MH	400,491	828	163	SOUHP	10.8	0/0	0/0	38/16	247/47	247/50	296/50	
Crete												
SV9FBP	11,349	97	39	SOLP	5.9	0/0	0/0	0/0	0/0	11/8	86/31	
SV9COL	9,234	82	38	SOUHP-15	4.8	0/0	0/0	0/0	0/0	82/38	0/0	
Croatia												
9A4W	498,576	892	188	SOLP	9.0	0/0	69/22	190/38	106/34	281/50	246/44	
9A2R	107,586	425	86	SOHP	5.4	0/0	0/0	0/0	0/0	127/39	298/47	
9A3SM	102,120	297	115	SOLP	7.6	0/0	3/3	65/27	31/12	138/42	60/31	
9A2VX	30,132	169	62	SOLP	9.0	0/0	0/0	0/0	21/13	55/21	93/28	
9A9XX	27,405	151	63	SOLP	12.9	0/0	0/0	0/0	62/23	39/16	50/24	
9A5E	21,012	104	68	SOLP	4.4	0/0	0/0	14/12	39/20	36/24	15/12	
9A2IK	8,436	78	37	SOLP	5.1	0/0	0/0	2/2	3/3	0/0	73/32	
9A3PM	4,293	55	27	SOHP	1.3	0/0	0/0	0/0	38/15	17/12	0/0	
9A3XV	2,837,232	3,150	304	SOUHP	42.5	63/26	197/44	845/58	708/58	662/59	675/59	
9A7T (9A2EU, op)	1,562,706	2,041	258	SOULP	40.0	7/7	175/31	470/50	587/56	303/56	499/58	
9A3MA	95,256	198	162	SOULP	7.2	0/0	16/16	38/37	68/43	55/45	21/21	

9A2KI	82,731	259	109	SOULP	11.7	0/0	49/19	83/30	5/5	49/26	73/29	
9A4R	47,652	211	76	SOULP	8.1	0/0	32/16	51/25	128/35	0/0	0/0	
9A2GA	33,345	172	65	SOULP	6.5	0/0	0/0	2/1	33/13	17/13	120/38	
9A7ZZ	23,730	117	70	SOULP	5.4	0/0	0/0	0/0	17/13	37/27	63/30	
9A5TW	12,054	85	49	SOUHP	2.9	0/0	31/17	53/31	1/1	0/0	0/0	
9A/W3WM (F5SNJ, op)	8,352	102	29	SOHP-80	3.8	0/0	102/29	0/0	0/0	0/0	0/0	
9A8M (9A3XU, op)	82,110	600	46	SOUHP-80	14.6	0/0	600/46	0/0	0/0	0/0	0/0	
9A3YT	90,423	597	51	SOHP-40	6.4	0/0	0/0	597/51	0/0	0/0	0/0	
9A5X	225,900	1,274	60	SOUHP-20	27.1	0/0	0/0	0/0	1,274/60	0/0	0/0	
9A1CCY (9A9EE, op)	20,178	187	38	SOUHP-20	1.2	0/0	0/0	0/0	187/38	0/0	0/0	
9A3TR	231,840	1,303	60	SOHP-15	18.3	0/0	0/0	0/0	0/0	1,303/60	0/0	
9A2V	37,332	251	51	SOHP-15	4.0	0/0	0/0	0/0	0/0	251/51	0/0	
9A1VV	3,780	60	21	SOQRP-15	1.8	0/0	0/0	0/0	0/0	60/21	0/0	
9A5D (9A3ID, op)	207,444	1,191	59	SOUHP-15	18.8	0/0	0/0	0/0	0/0	1,191/59	0/0	
9A3ST	14,070	139	35	SOULP-15	5.5	0/0	0/0	0/0	0/0	139/35	0/0	
9A7V (9A7A, op)	213,816	1,221	59	SOHP-10	14.4	0/0	0/0	0/0	0/0	0/0	1,221/59	
9A2AJ	179,640	1,014	60	SOHP-10	15.0	0/0	0/0	0/0	0/0	0/0	1,014/60	
9A4WY	151,158	864	59	SOHP-10	8.2	0/0	0/0	0/0	0/0	0/0	864/59	
9A3TU	11,526	114	34	SOLP-10	5.7	0/0	0/0	0/0	0/0	0/0	114/34	
9A3SUN	2,640	40	22	SOLP-10	2.0	0/0	0/0	0/0	0/0	0/0	40/22	
9A5Y (9A7DX, op)	271,620	1,517	60	SOUHP-10	16.1	0/0	0/0	0/0	0/0	0/0	1,517/60	
9A1P	268,560	1,517	60	SOUHP-10	17.1	0/0	0/0	0/0	0/0	0/0	1,517/60	
9A1KDE	23,493	192	41	SOUHP-10	6.3	0/0	0/0	0/0	0/0	0/0	192/41	
Czech Republic												
OK7W	3,783,780	4,365	294	SOHP	37.4	86/27	316/39	1,131/59	588/54	1,059/56	1,185/59	
OL5Y	1,500,114	2,133	238	SOLP	30.7	8/7	135/28	581/48	280/43	512/54	617/58	
OK2MBP	372,750	716	175	SOLP	35.3	0/0	36/16	165/37	167/38	157/41	191/43	
OK1FPG	229,482	680	114	SOHP	8.4	0/0	0/0	161/33	0/0	384/53	135/28	
OK2EA	211,854	541	134	SOHP	10.9	0/0	108/20	149/29	123/30	136/39	25/16	
OK1DKR	193,968	452	144	SOLP	21.8	7/7	48/18	115/30	65/19	103/34	114/36	
OK1OA	136,500	350	130	SOLP	11.6	1/1	23/11	82/31	78/26	80/32	86/29	
OK1KTI	121,770	348	123	SOHP	20.6	0/0	0/0	38/21	95/26	86/33	129/43	
OL2A (OK2PEM, op)	92,070	290	110	SOLP	12.0	0/0	16/12	37/20	13/10	95/30	129/38	
OK2BJ	63,963	215	103	SOLP	10.5	0/0	0/0	27/19	46/22	58/27	84/35	
OK2PIM	57,285	213	95	SOLP	16.2	0/0	47/18	66/26	20/12	10/8	70/31	
OK1UKY	54,384	212	88	SOLP	17.7	0/0	17/12	39/15	39/16	58/24	59/21	
OK1GS	44,571	189	83	SOLP	9.3	0/0	0/0	54/19	16/11	85/36	34/17	
OK1FMJ	40,986	199	69	SOLP	8.2	0/0	0/0	0/0	14/10	29/23	156/36	
OK1DKE	40,392	193	72	SOLP	9.1	0/0	0/0	0/0	57/22	45/20	91/30	
OK1FCA	39,900	191	70	SOLP	12.9	0/0	0/0	8/6	47/17	29/17	107/30	
OK1DKU	30,240	176	60	SOLP	12.0	0/0	28/14	88/23	60/23	0/0	0/0	
OK1FU	14,544	106	48	SOHP	9.0	0/0	0/0	0/0	44/20	0/0	62/28	
OK8KM	11,730	87	46	SOLP	7.8	0/0	1/1	33/14	3/3	11/10	39/18	
OK1MDK	11,475	86	45	SOLP	3.7	0/0	0/0	0/0	10/8	63/26	13/11	

OK1DVA	10,836	85	43	SOLP	3.7	0/0	0/0	0/0	4/3	47/21	34/19	
OK1PFM	8,190	66	42	SOLP	5.0	0/0	0/0	8/7	27/17	28/15	3/3	
OK1FRJ	6,237	64	33	SOLP	3.8	0/0	0/0	0/0	48/20	5/4	11/9	
OK1DLX	3,483	45	27	SOLP	1.9	4/4	0/0	0/0	27/14	0/0	14/9	
OK1WSL	1,710	33	19	SOLP	1.3	0/0	0/0	0/0	1/1	16/8	16/10	
OL6D (OK1DWQ, op)	1,059,150	1,558	230	SOUHP	25.3	0/0	115/26	257/45	261/44	463/56	462/59	
OLØW (OK1DSZ, op)	922,725	1,374	225	SOUHP	16.3	0/0	103/31	177/47	430/54	52/36	612/57	
OL5W	864,558	1,130	258	SOUHP	15.3	40/18	188/38	292/49	241/47	208/52	161/54	
OL8M	800,832	1,387	194	SOUHP	11.7	0/0	0/0	302/36	458/53	313/55	314/50	
OL7D (OK1DG, op)	800,574	1,270	214	SOUHP	27.2	2/2	123/25	342/47	108/38	292/52	403/50	
OK1PI	752,505	1,122	227	SOUHP	13.6	9/8	107/32	192/44	204/44	319/51	291/48	
OK2FD	491,790	857	194	SOULP	25.5	0/0	30/16	179/37	186/42	216/46	246/53	
OK1TDX	489,060	837	195	SOUHP	19.6	0/0	37/16	137/34	138/38	219/51	306/56	
OL3A (OK1DRQ, op)	467,520	986	160	SOUHP	9.4	49/17	274/39	518/50	97/28	39/17	9/9	
OK2WY	396,864	836	159	SOULP	21.4	0/0	1/1	77/20	152/38	296/50	310/50	
OK2BFN	295,764	515	196	SOULP	20.1	10/9	79/26	179/46	74/31	53/38	120/46	
OK4DZ	243,507	518	157	SOULP	24.6	0/0	18/12	86/29	66/27	157/42	191/47	
OK2QA	238,878	586	138	SOUHP	9.8	0/0	0/0	148/43	105/25	33/21	300/49	
OL8R	208,593	544	129	SOUHP	5.6	0/0	0/0	0/0	137/38	187/46	220/45	
OK2ZV	103,845	304	115	SOULP	7.6	0/0	0/0	36/17	78/22	88/40	102/36	
OK1DO	97,335	316	105	SOUHP	4.2	0/0	0/0	20/13	51/37	0/0	245/55	
OK1SI	66,000	253	88	SOULP	12.1	0/0	1/1	101/25	12/10	62/25	77/27	
OK2BLD	44,109	172	87	SOULP	8.0	0/0	3/3	27/16	28/14	63/29	51/25	
OK1BR	37,128	222	56	SOULP	14.2	0/0	0/0	0/0	49/18	173/38	0/0	
OK4RM	34,884	155	76	SOULP	6.5	0/0	1/1	39/14	38/13	37/26	40/22	
OL4W (OK1IF, op)	26,703	131	69	SOUQRP	5.9	0/0	0/0	38/20	14/11	26/17	53/21	
OK4X	25,434	160	54	SOUHP	6.5	0/0	0/0	124/38	0/0	0/0	36/16	
OK2RN	22,680	138	56	SOULP	6.0	0/0	0/0	27/12	2/2	105/38	4/4	
OK1FKD	21,735	115	63	SOUQRP	9.4	0/0	20/14	49/21	18/9	26/17	2/2	
OK1BLU	18,849	105	61	SOULP	7.9	0/0	0/0	27/15	35/18	23/16	20/12	
OK5MAX	17,226	99	58	SOULP	3.7	0/0	5/5	13/9	6/6	36/19	39/19	
OK1QM	15,510	96	55	SOULP	4.3	0/0	0/0	10/9	31/16	35/20	20/10	
OK2PF	90	6	5	SOULP	0.2	0/0	0/0	0/0	6/5	0/0	0/0	
OK4FX	3	1	1	SOULP	0.0	0/0	0/0	0/0	0/0	0/0	1/1	
OK1CF	9,204	123	26	SOUHP-160	11.5	123/26	0/0	0/0	0/0	0/0	0/0	
OK2HBR	11,475	161	25	SOLP-80	6.7	0/0	161/25	0/0	0/0	0/0	0/0	
OK1DPU	11,100	152	25	SOULP-80	4.2	0/0	152/25	0/0	0/0	0/0	0/0	
OK1DOY	9,912	120	28	SOULP-80	5.8	0/0	120/28	0/0	0/0	0/0	0/0	
OK1Z (OK1DKZ, op)	202,362	1,180	58	SOHP-40	22.0	0/0	0/0	1,180/58	0/0	0/0	0/0	
OK1AGE	20,196	218	33	SOLP-40	9.0	0/0	0/0	218/33	0/0	0/0	0/0	
OK6OK	9,072	114	27	SOQRP-40	11.7	0/0	0/0	114/27	0/0	0/0	0/0	
OK5ET	1,782	34	18	SOLP-40	1.4	0/0	0/0	34/18	0/0	0/0	0/0	
OK7SE	726	23	11	SOLP-40	1.7	0/0	0/0	23/11	0/0	0/0	0/0	
OK1CRM	25,080	210	40	SOUHP-40	4.8	0/0	0/0	210/40	0/0	0/0	0/0	

OK5D (OK1DTP, op)	19,005	184	35	SOULP-40	4.6	0/0	0/0	184/35	0/0	0/0	0/0	
OK1TRJ	4,968	69	24	SOULP-40	2.5	0/0	0/0	69/24	0/0	0/0	0/0	
OK1FMX	120,285	747	55	SOHP-20	21.4	0/0	0/0	0/0	747/55	0/0	0/0	
OK7T (OK1FHI, op)	21,279	173	41	SOULP-20	8.9	0/0	0/0	0/0	173/41	0/0	0/0	
OK8AU	162,486	936	59	SOHP-15	17.2	0/0	0/0	0/0	0/0	936/59	0/0	
OK1MMN	26,055	194	45	SOLP-15	8.9	0/0	0/0	0/0	0/0	194/45	0/0	
OK5M (OK5MM, op)	24,816	194	44	SOHP-15	3.1	0/0	0/0	0/0	0/0	194/44	0/0	
OK5SA	11,025	107	35	SOLP-15	5.3	0/0	0/0	0/0	0/0	107/35	0/0	
OK1AUO	6,804	82	28	SOLP-15	2.3	0/0	0/0	0/0	0/0	82/28	0/0	
OK2FQZ	6,468	80	28	SOLP-15	8.8	0/0	0/0	0/0	0/0	80/28	0/0	
OK8AW	143,901	823	59	SOUHP-15	14.0	0/0	0/0	0/0	0/0	823/59	0/0	
OK8SMS	2,322	43	18	SOULP-15	3.7	0/0	0/0	0/0	0/0	43/18	0/0	
OK1XC	96,432	587	56	SOHP-10	11.9	0/0	0/0	0/0	0/0	0/0	587/56	
OK1CZ	78,540	479	55	SOLP-10	12.0	0/0	0/0	0/0	0/0	0/0	479/55	
OK1TN	47,889	323	51	SOLP-10	10.5	0/0	0/0	0/0	0/0	0/0	323/51	
OK1TD	38,736	271	48	SOLP-10	7.4	0/0	0/0	0/0	0/0	0/0	271/48	
OK2EQ	29,172	226	44	SOHP-10	9.0	0/0	0/0	0/0	0/0	0/0	226/44	
OK2HBY	26,280	223	40	SOLP-10	8.5	0/0	0/0	0/0	0/0	0/0	223/40	
OL2AQM	13,125	125	35	SOLP-10	4.8	0/0	0/0	0/0	0/0	0/0	125/35	
OK2CLL	2,052	39	18	SOLP-10	4.4	0/0	0/0	0/0	0/0	0/0	39/18	
OK1GK	281,700	1,571	60	SOUHP-10	25.9	0/0	0/0	0/0	0/0	0/0	1,571/60	
OK1TA	29,328	211	47	SOUHP-10	5.7	0/0	0/0	0/0	0/0	0/0	211/47	
OK1CLD	23,100	177	44	SOULP-10	11.1	0/0	0/0	0/0	0/0	0/0	177/44	
OK3SN	6,435	71	33	SOULP-10	7.6	0/0	0/0	0/0	0/0	0/0	71/33	
Denmark												
OZ1AA	418,149	917	153	SOHP	6.5	0/0	0/0	30/11	204/37	422/52	261/53	
OZ5DX	52,539	213	83	SOLP	6.7	0/0	0/0	77/25	5/2	44/25	87/31	
OZ5UR	47,748	174	92	SOLP	6.0	0/0	16/9	6/6	24/14	50/29	78/34	
OZ/DK1AX	32,802	146	77	SOLP	7.7	0/0	3/3	33/20	17/14	39/19	54/21	
OZ6AGX	17,010	107	54	SOHP	5.9	0/0	12/8	2/2	28/12	34/17	31/15	
OZ7AEI	4,752	48	36	SOLP	3.1	0/0	3/3	31/20	5/4	5/5	4/4	
OZ3SM	706,596	1,155	212	SOUHP	19.7	0/0	68/22	114/41	324/49	303/49	346/51	
OZ1IKY	481,950	853	189	SOUHP	15.6	1/1	29/16	133/39	143/38	230/46	317/49	
OU4N (OZ4KG, op)	321,048	602	182	SOUHP	14.7	1/1	64/19	79/37	99/34	168/43	191/48	
OZ2U	144,072	351	138	SOUHP	7.4	0/0	0/0	5/5	111/38	124/46	111/49	
OZ8SW	89,640	249	120	SOUHP	11.5	2/2	79/25	9/8	34/22	51/29	74/34	
OZ1HX	44,523	157	97	SOUHP	10.2	0/0	0/0	28/20	33/22	51/28	45/27	
OZ2TF	35,550	156	79	SOUHP	2.0	0/0	0/0	15/12	43/22	62/28	36/17	
OU2I (OZ2I, op)	15,651	142	37	SOLP-40	5.5	0/0	0/0	142/37	0/0	0/0	0/0	
OU2V (OZ1FJB, op)	1,050	28	14	SOQRP-40	2.9	0/0	0/0	28/14	0/0	0/0	0/0	
OZ1DTF	4,416	67	23	SOLP-10	4.1	0/0	0/0	0/0	0/0	0/0	67/23	
OZ7BQ	43,299	291	51	SOULP-10	10.8	0/0	0/0	0/0	0/0	0/0	291/51	
England												
G6XX (G4FAL, op)	3,083,472	3,533	294	SOHP	33.8	134/27	440/46	637/52	633/54	686/56	1,003/59	

M6T	3,061,152	3,591	288	SOHP	36.9	60/18	373/45	811/56	759/56	751/55	837/58	
G2E (MØORD, op)	395,850	738	182	SOLP	13.7	2/2	63/19	159/38	252/42	132/39	130/42	
GØOOD	187,332	483	134	SOLP	17.2	0/0	0/0	135/33	91/26	184/44	73/31	
G4DDL	138,204	352	132	SOLP	12.1	0/0	24/16	64/29	41/19	89/32	134/36	
G4FKA	137,400	460	100	SOHP	10.9	0/0	0/0	0/0	34/18	369/52	57/30	
G3SVK	120,384	459	96	SOLP	15.2	0/0	0/0	205/35	153/28	94/28	7/5	
G3VYI	86,784	264	113	SOLP	7.5	0/0	26/14	57/24	42/15	64/27	75/33	
G4MBC (G4BWP, op)	80,106	342	79	SOHP	2.0	0/0	0/0	0/0	0/0	139/39	203/40	
G4SGI	69,300	220	105	SOLP	8.3	0/0	14/9	51/27	32/17	44/19	79/33	
2EØCVN	59,427	217	93	SOLP	8.6	0/0	0/0	31/17	55/21	88/34	43/21	
MØURL	55,161	229	81	SOLP	7.4	0/0	0/0	0/0	90/26	56/23	83/32	
G3SWC	53,460	199	90	SOHP	4.3	0/0	8/5	80/24	30/16	46/22	35/23	
G3WRR	38,958	154	86	SOLP	5.1	0/0	2/2	16/11	14/11	53/29	69/33	
G3NKS	22,791	110	71	SOLP	3.5	0/0	0/0	14/11	17/11	28/21	51/28	
G3SQU	21,411	118	61	SOLP	7.6	0/0	0/0	59/24	24/16	0/0	35/21	
G4HZV	13,395	96	47	SOHP	5.7	0/0	0/0	0/0	0/0	5/5	91/42	
G4DYC	12,699	84	51	SOLP	5.5	0/0	1/1	15/10	4/4	17/14	47/22	
MØSDB	12,240	93	51	SOLP	8.0	0/0	0/0	0/0	25/15	48/22	20/14	
G1SCT	10,074	74	46	SOHP	2.3	0/0	0/0	0/0	15/11	18/15	41/20	
GØUVX	8,832	97	32	SOLP	3.8	0/0	0/0	0/0	0/0	0/0	97/32	
G3ZBU	3,876	39	34	SOLP	1.2	0/0	1/1	11/9	3/3	7/7	17/14	
G4BEE	2,016	29	24	SOLP	2.0	0/0	0/0	6/5	4/3	0/0	19/16	
G3ZNU	468	14	12	SOLP	0.5	0/0	0/0	0/0	1/1	0/0	13/11	
G5W	3,223,548	3,595	302	SOUHP	37.0	49/20	252/48	879/56	685/59	904/59	826/60	
G4AMT	1,026,048	1,340	256	SOUHP	21.3	51/18	168/35	284/47	382/51	238/51	217/54	
G3P	722,370	1,003	242	SOUHP	14.4	15/12	62/28	169/43	281/51	319/54	157/54	
G4PVM	505,440	784	216	SOULP	23.0	0/0	76/28	136/43	124/39	232/50	216/56	
G4BJM	503,100	1,127	150	SOUHP	9.8	0/0	0/0	0/0	153/38	425/54	549/58	
M7T (G3YYD, op)	491,400	914	180	SOUHP	13.6	0/0	0/0	25/14	224/53	286/55	379/58	
MØBPQ	403,767	681	203	SOULP	14.9	1/1	32/17	126/39	159/46	186/49	177/51	
G3RLE	312,120	612	170	SOULP	12.1	0/0	8/6	74/23	140/37	148/49	242/55	
M2G (G4RCG, op)	280,908	581	162	SOUHP	7.4	6/6	67/25	218/45	52/26	16/16	222/44	
GØVXE	276,912	649	144	SOUHP	16.3	0/0	0/0	0/0	151/39	235/50	263/55	
M4J (GØDVJ, op)	264,618	490	183	SOUHP	12.5	6/6	20/15	60/26	163/42	155/49	86/45	
G4NBS	232,596	498	156	SOUHP	13.5	0/0	35/15	126/36	2/2	134/47	201/56	
G4OWT	212,400	404	177	SOUHP	11.5	0/0	12/10	66/35	101/37	100/46	125/49	
MØRYB	201,132	458	148	SOULP	10.4	0/0	56/23	45/18	126/32	90/35	141/40	
G3G (G3XLG, op)	164,250	374	150	SOUHP	12.3	0/0	0/0	19/18	91/35	127/48	137/49	
M4X (G3SZU, op)	145,503	321	153	SOULP	9.2	0/0	24/17	103/41	13/10	61/40	120/45	
G3ZGC	123,402	314	131	SOUHP	9.6	2/2	62/20	57/29	25/14	55/27	113/39	
G4IZZ	95,571	293	111	SOUHP	9.6	0/0	0/0	33/15	125/29	48/32	87/35	
M4M (MØPNN, op)	87,894	263	114	SOULP	14.9	0/0	0/0	16/14	28/20	90/36	129/44	
MØMDR	74,568	242	104	SOUHP	6.8	0/0	0/0	0/0	35/20	106/44	101/40	
G3KNU	67,980	211	110	SOULP	11.0	0/0	4/4	23/16	31/16	75/36	78/38	

G3RTU	56,337	215	89	SOULP	11.9	0/0	0/0	38/20	37/19	105/33	35/17	
GØIBN	38,340	183	71	SOUHP	4.7	0/0	6/5	12/8	28/18	133/36	4/4	
G4ENZ	37,278	116	109	SOULP	2.6	0/0	0/0	0/0	48/45	34/31	34/33	
G3OLB	36,450	160	81	SOUHP	4.4	62/19	35/18	7/7	15/11	36/21	5/5	
G4BUE	24,012	117	69	SOUQRP	6.0	0/0	8/6	28/17	6/4	35/21	40/21	
G1GEY	21,390	117	62	SOULP	4.1	0/0	0/0	0/0	63/28	43/26	11/8	
2EØOBO	20,349	136	51	SOULP	5.7	0/0	0/0	2/2	53/18	76/26	5/5	
MØTJU	15,600	100	52	SOULP	4.9	0/0	0/0	49/20	18/9	10/7	23/16	
G4DRS	12,480	108	40	SOUHP	1.4	0/0	0/0	0/0	0/0	108/40	0/0	
G7TWC	10,395	64	55	SOULP	2.2	0/0	0/0	26/21	3/3	0/0	35/31	
M5NCW	7,866	72	38	SOULP	5.1	0/0	0/0	0/0	24/13	46/23	2/2	
G3YJQ	6,840	61	38	SOUHP	3.8	0/0	0/0	0/0	29/18	16/10	16/10	
G4IRN	2,835	45	21	SOUHP	0.6	0/0	0/0	0/0	45/21	0/0	0/0	
G4EUW	2,415	36	23	SOULP	1.2	0/0	0/0	0/0	0/0	16/10	20/13	
G4AWA	396	12	11	SOULP	0.4	0/0	0/0	12/11	0/0	0/0	0/0	
MØPTO	336	18	7	SOULP	1.8	0/0	0/0	18/7	0/0	0/0	0/0	
G3NDS	30	6	5	SOUQRP	0.7	0/0	0/0	0/0	0/0	6/5	0/0	
G5BBL	54	6	3	SOQRP-80	2.4	0/0	6/3	0/0	0/0	0/0	0/0	
M5D	43,296	331	44	SOHP-40	9.9	0/0	0/0	331/44	0/0	0/0	0/0	
G8X (G4FJK, op)	178,695	1,057	57	SOUHP-40	26.8	0/0	0/0	1,057/57	0/0	0/0	0/0	
M3A	68,640	447	52	SOUHP-40	8.8	0/0	0/0	447/52	0/0	0/0	0/0	
M6W (G3WW, op)	44,208	311	48	SOULP-40	17.0	0/0	0/0	311/48	0/0	0/0	0/0	
MØBLF	9,975	96	35	SOULP-40	3.1	0/0	0/0	96/35	0/0	0/0	0/0	
G2X (GØDCK, op)	62,181	439	49	SOLP-20	16.9	0/0	0/0	0/0	439/49	0/0	0/0	
GØLHZ	810	28	10	SOLP-20	1.1	0/0	0/0	0/0	28/10	0/0	0/0	
G4WGE	330	12	10	SOLP-20	0.4	0/0	0/0	0/0	12/10	0/0	0/0	
G4ERW	21,516	164	44	SOULP-20	2.7	0/0	0/0	0/0	164/44	0/0	0/0	
G4BUO	227,445	1,289	59	SOHP-15	18.0	0/0	0/0	0/0	0/0	1,289/59	0/0	
G1HYD	168	8	8	SOLP-15	0.8	0/0	0/0	0/0	0/0	8/8	0/0	
M5S (G4IRN, op)	171,564	997	58	SOUHP-15	18.1	0/0	0/0	0/0	0/0	997/58	0/0	
M1X (GØCKP, op)	170,805	971	59	SOUHP-15	18.6	0/0	0/0	0/0	0/0	971/59	0/0	
M2A	150,162	873	58	SOUHP-15	17.2	0/0	0/0	0/0	0/0	873/58	0/0	
G6A (G3VDB, op)	78,540	478	55	SOULP-15	16.7	0/0	0/0	0/0	0/0	478/55	0/0	
M5A (G3WVG, op)	278,280	1,567	60	SOHP-10	17.6	0/0	0/0	0/0	0/0	0/0	1,567/60	
G9W (MØDXR, op)	211,854	1,153	62	SOHP-10	16.6	0/0	0/0	0/0	0/0	0/0	1,153/62	
G3L (G3LHJ, op)	23,490	197	45	SOQRP-10	7.4	0/0	0/0	0/0	0/0	0/0	197/45	
G4NXG/M	12,720	108	40	SOLP-10	6.9	0/0	0/0	0/0	0/0	0/0	108/40	
G4ZOB	12,177	100	41	SOLP-10	6.5	0/0	0/0	0/0	0/0	0/0	100/41	
G3MOT	7,476	90	28	SOLP-10	5.0	0/0	0/0	0/0	0/0	0/0	90/28	
G4FPA	6,090	60	35	SOQRP-10	5.4	0/0	0/0	0/0	0/0	0/0	60/35	
G4IYY	176,469	1,002	59	SOUHP-10	13.2	0/0	0/0	0/0	0/0	0/0	1,002/59	
MØDSL	138,060	775	60	SOUHP-10	14.1	0/0	0/0	0/0	0/0	0/0	775/60	
G3WW	56,202	326	58	SOULP-10	12.8	0/0	0/0	0/0	0/0	0/0	326/58	
G4RQI	55,080	344	54	SOULP-10	11.2	0/0	0/0	0/0	0/0	0/0	344/54	

G4DBW	53,256	318	56	SOULP-10	10.3	0/0	0/0	0/0	0/0	0/0	318/56	
M3F	42,453	270	53	SOUHP-10	8.9	0/0	0/0	0/0	0/0	0/0	270/53	
G3PJT	33,096	199	56	SOULP-10	2.8	0/0	0/0	0/0	0/0	0/0	199/56	
MØUNN	31,458	216	49	SOUQRP-10	12.4	0/0	0/0	0/0	0/0	0/0	216/49	
G4A	26,163	154	57	SOULP-10	3.8	0/0	0/0	0/0	0/0	0/0	154/57	
G3SVL	21,573	153	47	SOULP-10	3.9	0/0	0/0	0/0	0/0	0/0	153/47	
G3YPP	21,279	175	41	SOULP-10	7.7	0/0	0/0	0/0	0/0	0/0	175/41	
MØIPU	21,120	164	44	SOULP-10	4.0	0/0	0/0	0/0	0/0	0/0	164/44	
GØVOK	6,720	64	35	SOULP-10	4.6	0/0	0/0	0/0	0/0	0/0	64/35	
Estonia												
ES5RR	3,485,268	4,191	279	SOUHP	35.6	7/7	309/37	874/58	744/58	1,209/60	1,048/59	
ES3BH	22,692	130	61	SOULP	6.5	0/0	0/0	27/16	76/26	21/13	6/6	
ES2MC	130,704	784	56	SOHP-15	11.6	0/0	0/0	0/0	0/0	784/56	0/0	
ES2GW	468	14	13	SOLP-10	1.1	0/0	0/0	0/0	0/0	0/0	14/13	
European Russia												
R7NW	1,339,470	1,849	246	SOHP	28.8	17/10	180/33	569/52	311/49	429/55	343/47	
RM2U (RU3UR, op)	323,304	715	152	SOHP	14.4	0/0	4/4	141/26	114/36	197/44	259/42	
UI7D	236,115	598	135	SOHP	10.7	0/0	0/0	51/19	188/37	217/44	142/35	
R3AQ	140,595	461	103	SOLP	12.4	0/0	0/0	0/0	144/34	162/38	155/31	
RA4ACX	115,050	330	118	SOHP	18.0	0/0	13/7	35/20	62/22	119/40	101/29	
RA3FY	110,580	393	97	SOHP	16.5	0/0	0/0	0/0	108/33	157/38	128/26	
RQ4F	100,152	316	107	SOHP	11.9	0/0	0/0	9/7	89/33	104/33	114/34	
UA6HFI	88,722	280	106	SOLP	11.8	0/0	5/4	30/15	61/30	96/32	88/25	
RX3QNE	84,051	292	99	SOLP	15.1	0/0	0/0	25/15	70/27	116/36	81/21	
R6KX	73,062	253	99	SOLP	13.5	0/0	4/3	69/27	32/16	74/28	74/25	
UA6AUA	59,007	224	89	SOLP	8.4	0/0	0/0	36/16	21/15	74/32	93/26	
UA1CUR	55,803	209	89	SOLP	12.5	0/0	0/0	37/19	40/20	57/23	75/27	
RT1L	55,440	212	88	SOHP	6.4	0/0	0/0	0/0	71/30	83/34	58/24	
RD1A/MM	49,506	235	74	SOLP	9.0	0/0	0/0	1/1	114/37	120/36	0/0	
RW3YB	46,284	204	76	SOHP	10.9	0/0	0/0	11/9	40/20	75/24	78/23	
R3OR	35,292	178	68	SOLP	6.0	0/0	0/0	28/14	8/6	52/24	90/24	
RM1F	34,776	162	72	SOLP	10.4	0/0	0/0	0/0	36/20	58/30	68/22	
R1ZM	31,968	148	74	SOLP	8.8	0/0	0/0	8/7	41/22	79/30	20/15	
R4ACY	30,351	160	67	SOHP	6.7	0/0	0/0	19/11	30/15	32/14	79/27	
R2UZ	26,910	133	69	SOLP	7.2	0/0	1/1	8/6	36/17	66/31	22/14	
UA3UBT	25,545	132	65	SOHP	6.8	0/0	0/0	0/0	48/23	34/23	50/19	
RW3VM	23,895	135	59	SOLP	7.5	0/0	0/0	5/4	11/7	89/31	30/17	
UC4P	23,814	137	63	SOHP	4.5	0/0	0/0	0/0	32/17	38/23	67/23	
R1BC	22,605	138	55	SOLP	6.1	0/0	0/0	0/0	25/12	14/9	99/34	
R6CW	19,845	105	63	SOLP	6.4	0/0	0/0	15/10	21/14	37/18	32/21	
R6DMT	19,824	120	56	SOLP	7.2	0/0	0/0	16/11	18/12	31/16	55/17	
RV3AJ	18,468	117	54	SOLP	6.9	0/0	0/0	5/4	16/12	52/19	44/19	
UI4F	17,889	89	67	SOLP	3.5	0/0	0/0	6/6	10/9	45/28	28/24	
RZ3DZ	15,840	111	48	SOLP	5.8	0/0	0/0	3/3	8/5	12/9	88/31	

RA3NC	15,453	103	51	SOHP	1.5	0/0	0/0	0/0	16/13	15/10	72/28	
UA6AAK	14,976	98	52	SOLP	8.7	0/0	0/0	14/10	9/8	11/9	64/25	
UA3T	13,038	83	53	SOLP	4.4	0/0	0/0	0/0	10/8	35/25	38/20	
RM7C	11,817	105	39	SOLP	7.9	0/0	0/0	0/0	28/16	77/23	0/0	
R4WZ	11,376	94	48	SOLP	4.5	0/0	0/0	0/0	32/23	56/20	6/5	
RN1AO	10,998	96	39	SOLP	5.5	0/0	0/0	7/5	3/3	81/26	5/5	
RA4ZA	10,206	81	42	SOLP	5.1	0/0	0/0	0/0	30/15	29/15	22/12	
RK6HG	9,702	91	42	SOHP	6.6	0/0	0/0	7/5	22/13	62/24	0/0	
R9XS	8,748	88	36	SOLP	5.4	0/0	0/0	0/0	44/17	36/13	8/6	
RA4HPI	7,866	69	38	SOLP	3.7	0/0	0/0	0/0	18/9	35/19	16/10	
RW3DIA	6,831	69	33	SOLP	3.3	0/0	0/0	0/0	5/3	10/8	54/22	
RM2R	6,105	62	37	SOLP	6.2	0/0	0/0	6/5	7/5	10/8	39/19	
UA3X	5,661	52	37	SOLP	2.9	0/0	0/0	3/3	14/13	6/5	29/16	
R4FBG	5,202	51	34	SOLP	5.6	0/0	0/0	0/0	6/5	13/11	32/18	
UG4P	4,794	61	34	SOLP	5.1	0/0	0/0	3/3	13/9	44/21	1/1	
RW3WX	4,512	49	32	SOLP	2.0	0/0	0/0	3/3	4/2	27/17	15/10	
UA3DUJ	4,278	66	23	SOHP	3.0	0/0	0/0	0/0	6/4	60/19	0/0	
RG8G	3,948	48	28	SOHP	1.9	0/0	0/0	0/0	0/0	27/16	21/12	
RT1M	3,870	43	30	SOLP	2.3	0/0	0/0	14/10	1/1	6/6	22/13	
UA4LCC	1,980	34	20	SOLP	2.0	0/0	0/0	0/0	6/4	12/7	16/9	
UA4FDL	1,881	37	19	SOLP	2.4	0/0	0/0	0/0	0/0	10/7	27/12	
RJ7M	1,620	28	20	SOHP	0.7	0/0	0/0	0/0	3/3	13/8	12/9	
RZ1A	1,296	24	18	SOHP	1.4	0/0	0/0	0/0	11/9	0/0	13/9	
RA3VE	1,020	22	17	SOLP	3.0	0/0	0/0	1/1	13/9	3/3	5/4	
RD2S	867	18	17	SOLP	1.4	0/0	0/0	0/0	0/0	10/9	8/8	
UA3XAG	576	17	12	SOLP	0.9	0/0	0/0	5/4	0/0	0/0	12/8	
R1BMF	432	12	12	SOLP	1.2	0/0	0/0	5/5	2/2	0/0	5/5	
UB3SAR	390	13	10	SOLP	1.5	0/0	0/0	0/0	0/0	8/6	5/4	
RG2A	1,411,122	1,911	251	SOUHP	33.7	2/2	56/24	573/59	604/57	383/59	293/50	
RK4FD	1,204,416	1,716	246	SOUHP	33.9	1/1	70/26	384/54	496/57	439/56	326/52	
RM2E	907,494	1,281	238	SOUHP	25.0	1/1	166/28	319/54	193/47	225/52	377/56	
RW7K	779,700	1,148	230	SOUHP	25.0	10/7	133/33	103/35	238/51	417/57	247/47	
RL4A	543,600	926	200	SOUHP	16.4	0/0	40/15	154/41	273/48	250/54	209/42	
UA6LCN	538,047	980	191	SOUHP	28.1	0/0	11/9	232/43	197/40	275/52	265/47	
RW7F	528,192	934	192	SOUHP	17.1	0/0	39/13	125/38	149/41	308/51	313/49	
R5AJ	510,840	964	180	SOUHP	18.2	0/0	24/12	65/23	538/54	222/49	115/42	
RK4FM	321,048	593	182	SOULP	18.1	0/0	22/13	89/36	167/43	136/47	179/43	
RV3FF	316,296	776	138	SOUHP	15.1	0/0	0/0	2/1	61/32	364/54	349/51	
RC7A	290,562	632	158	SOUHP	17.0	0/0	4/4	99/28	113/35	221/48	195/43	
RZ3Z	236,808	588	138	SOULP	21.9	0/0	0/0	64/18	127/35	206/45	191/40	
RV1CC	227,955	458	167	SOUHP	20.6	0/0	32/15	150/44	33/24	111/44	132/40	
RK3TT	223,860	541	140	SOUHP	11.7	0/0	0/0	35/20	111/34	196/47	199/39	
RC6U	190,938	536	121	SOUHP	10.3	0/0	0/0	0/0	148/32	191/47	197/42	
RX6LRU	186,816	467	139	SOUHP	23.1	0/0	33/12	58/23	95/28	132/39	149/37	

R4KO	153,576	319	162	SOUHP	9.5	0/0	9/6	59/41	64/30	116/47	71/38	
RC3FL	147,168	354	146	SOUHP	12.8	0/0	30/16	100/31	48/27	46/34	130/38	
RT5C	129,336	323	136	SOUHP	15.1	0/0	10/9	32/20	116/37	118/46	47/24	
R3OM	120,294	331	123	SOUHP	12.8	0/0	10/8	51/25	53/25	115/37	102/28	
UA3AP	113,553	343	111	SOULP	13.4	0/0	0/0	61/25	102/30	81/28	99/28	
RM3A (RN3AC, op)	113,436	416	92	SOUHP	9.7	0/0	0/0	0/0	39/21	133/37	244/34	
RU4SO	108,468	398	92	SOULP	11.6	0/0	0/0	0/0	72/23	216/42	110/27	
RT4M	107,100	355	102	SOUHP	5.6	0/0	0/0	20/13	54/25	132/33	149/31	
R7KX	106,155	340	105	SOULP	20.2	0/0	3/3	60/23	62/24	49/18	166/37	
RT3G	98,736	275	121	SOUHP	8.3	0/0	70/19	47/26	66/29	64/32	28/15	
UI3A	96,408	316	103	SOUHP	4.7	0/0	0/0	3/3	46/24	161/43	106/33	
RW3DY	87,780	309	95	SOULP	11.8	0/0	0/0	0/0	80/30	113/35	116/30	
UA4UAR	86,658	289	101	SOULP	10.4	0/0	0/0	14/11	57/25	128/41	90/24	
RK3P	82,236	309	89	SOULP	11.6	0/0	0/0	0/0	69/27	93/32	147/30	
UA6LCJ	81,000	251	108	SOULP	13.1	0/0	0/0	44/25	47/25	84/28	76/30	
RU4LM	76,329	260	99	SOUHP	8.8	0/0	0/0	6/6	88/30	100/34	66/29	
RA3RLJ	66,960	246	93	SOULP	11.3	0/0	0/0	20/12	42/22	81/30	103/29	
RC1W	57,624	203	98	SOUHP	10.6	0/0	2/2	66/31	45/23	50/25	40/17	
UA6AA	51,660	208	84	SOUHP	7.1	0/0	0/0	27/13	29/13	62/31	90/27	
RX6AM	50,175	230	75	SOUHP	7.8	0/0	0/0	6/5	3/3	70/26	151/41	
RN1B	48,180	221	73	SOUHP	2.4	0/0	0/0	0/0	45/20	40/22	136/31	
R1CAA	37,386	188	67	SOULP	4.0	0/0	0/0	0/0	24/14	25/17	139/36	
UA3RFT	37,230	177	73	SOULP	8.7	0/0	0/0	8/7	27/16	59/27	83/23	
RW5CW	35,076	162	74	SOULP	8.0	0/0	0/0	12/9	41/20	39/21	70/24	
UA6G	34,176	181	64	SOUHP	3.9	0/0	0/0	0/0	124/35	53/25	4/4	
R6CC	33,135	241	47	SOULP	14.4	0/0	0/0	0/0	0/0	241/47	0/0	
RA3RCL	32,640	172	64	SOULP	8.0	0/0	0/0	0/0	101/32	66/29	5/3	
RT5P	32,640	162	68	SOULP	8.8	0/0	0/0	13/9	19/13	44/18	86/28	
UA3RBR	31,806	192	57	SOULP	5.1	0/0	0/0	0/0	82/24	109/32	1/1	
R4DK	31,284	132	79	SOULP	5.8	0/0	0/0	25/17	39/20	16/15	52/27	
RK2M	30,600	140	75	SOULP	7.6	0/0	0/0	9/6	32/23	47/26	52/20	
UD6M	26,535	146	61	SOULP	6.6	0/0	0/0	63/27	25/16	58/18	0/0	
RA4Y	25,137	137	63	SOUHP	4.8	0/0	0/0	77/40	60/23	0/0	0/0	
R5FU	22,896	145	53	SOUHP	5.9	0/0	0/0	0/0	2/2	78/29	65/22	
RN3OG	19,488	119	56	SOULP	9.1	0/0	0/0	2/1	37/20	36/17	44/18	
RX3Q	18,810	115	57	SOUHP	5.6	0/0	0/0	27/13	36/18	52/26	0/0	
R4LR	16,854	108	53	SOUHP	3.6	0/0	0/0	0/0	2/2	42/25	64/26	
RT2X	16,698	124	46	SOULP	7.7	0/0	0/0	0/0	17/11	5/5	102/30	
R5QL	16,287	91	61	SOULP	8.3	0/0	0/0	20/14	24/15	37/24	10/8	
RA6L	16,224	105	52	SOULP	3.3	0/0	0/0	0/0	18/13	45/21	42/18	
RK3TD	14,160	81	59	SOUHP	1.6	0/0	0/0	0/0	37/22	11/10	33/27	
RJ3A	12,936	105	44	SOUHP	3.5	0/0	0/0	0/0	17/9	21/13	67/22	
UA4FCO	12,240	80	51	SOUQRP	6.0	0/0	1/1	1/1	29/15	32/18	17/16	
UA4WAU	11,040	81	46	SOUHP	3.2	0/0	0/0	20/17	34/16	27/13	0/0	

R3QX	9,918	91	38	SOUHP	4.1	0/0	0/0	0/0	1/1	45/22	45/15	
R7NK	9,804	90	38	SOUHP	5.0	0/0	0/0	0/0	0/0	0/0	90/38	
RT6N	9,234	81	38	SOULP	4.9	0/0	0/0	0/0	16/13	4/3	61/22	
RA3S	6,372	63	36	SOUHP	4.9	0/0	0/0	0/0	0/0	9/7	54/29	
RC2A	5,700	52	38	SOUHP	2.9	0/0	0/0	0/0	9/8	31/18	12/12	
RT1A	4,704	56	28	SOUHP	2.8	0/0	0/0	17/11	39/17	0/0	0/0	
UA4CNJ	4,557	51	31	SOULP	2.5	0/0	0/0	0/0	5/5	18/11	28/15	
RV6ASU	2,574	40	22	SOUHP	1.5	0/0	0/0	0/0	30/16	10/6	0/0	
R3IBZ	1,296	28	18	SOULP	2.3	0/0	0/0	0/0	1/1	19/12	8/5	
RX3MM	1,152	26	16	SOULP	2.7	0/0	0/0	0/0	1/1	25/15	0/0	
UA9XX	1,071	26	17	SOULP	3.0	0/0	0/0	0/0	4/4	22/13	0/0	
RN4HAB	495	15	11	SOULP	1.5	0/0	0/0	2/2	13/9	0/0	0/0	
RU6B	60	5	4	SOUHP	0.4	0/0	0/0	0/0	1/1	2/1	2/2	
R3AP	10,767	97	37	SOLP-40	4.4	0/0	0/0	97/37	0/0	0/0	0/0	
RA4AR	6,072	101	22	SOHP-40	3.1	0/0	0/0	101/22	0/0	0/0	0/0	
R3KQ	4,536	63	27	SOUHP-40	6.2	0/0	0/0	63/27	0/0	0/0	0/0	
UA3PI	2,916	58	18	SOUHP-40	2.9	0/0	0/0	58/18	0/0	0/0	0/0	
R5DF	2,499	52	17	SOUHP-40	3.0	0/0	0/0	52/17	0/0	0/0	0/0	
RD4F	29,304	222	44	SOHP-20	12.1	0/0	0/0	0/0	222/44	0/0	0/0	
UA9XBJ	135	9	5	SOLP-20	1.0	0/0	0/0	0/0	9/5	0/0	0/0	
RA3XCZ	27	3	3	SOLP-20	0.5	0/0	0/0	0/0	3/3	0/0	0/0	
UB1AKA	18	3	2	SOLP-20	0.0	0/0	0/0	0/0	3/2	0/0	0/0	
UA1ANA	25,872	198	44	SOUHP-20	7.0	0/0	0/0	0/0	198/44	0/0	0/0	
R4DI	5,310	61	30	SOUHP-20	4.2	0/0	0/0	0/0	61/30	0/0	0/0	
RV100	72	6	4	SOULP-20	0.3	0/0	0/0	0/0	6/4	0/0	0/0	
UF5A	2,331	38	21	SOLP-15	1.6	0/0	0/0	0/0	0/0	38/21	0/0	
RK4NB	828	24	12	SOLP-15	2.1	0/0	0/0	0/0	0/0	24/12	0/0	
RG2Y	45,300	304	50	SOUHP-15	8.0	0/0	0/0	0/0	0/0	304/50	0/0	
RC9F	8,976	90	34	SOUHP-15	2.3	0/0	0/0	0/0	0/0	90/34	0/0	
R3LC	34,848	268	44	SOHP-10	18.3	0/0	0/0	0/0	0/0	0/0	268/44	
UA6AK	30,492	252	42	SOLP-10	10.7	0/0	0/0	0/0	0/0	0/0	252/42	
RO5X	24,600	207	41	SOLP-10	10.9	0/0	0/0	0/0	0/0	0/0	207/41	
UA3AGW	20,202	187	37	SOLP-10	6.5	0/0	0/0	0/0	0/0	0/0	187/37	
UA3EDQ	13,056	128	34	SOHP-10	2.2	0/0	0/0	0/0	0/0	0/0	128/34	
RT5T	7,743	94	29	SOHP-10	2.7	0/0	0/0	0/0	0/0	0/0	94/29	
RC7B	2,475	36	25	SOHP-10	3.1	0/0	0/0	0/0	0/0	0/0	36/25	
R3LB	2,250	50	15	SOLP-10	4.9	0/0	0/0	0/0	0/0	0/0	50/15	
RV3DBK	2,193	43	17	SOQRP-10	2.4	0/0	0/0	0/0	0/0	0/0	43/17	
UA3LEO	1,632	34	16	SOLP-10	1.6	0/0	0/0	0/0	0/0	0/0	34/16	
R4BZ	1,218	29	14	SOHP-10	1.3	0/0	0/0	0/0	0/0	0/0	29/14	
R3PIQ	924	23	14	SOLP-10	2.1	0/0	0/0	0/0	0/0	0/0	23/14	
UB5MBA	288	12	8	SOLP-10	1.2	0/0	0/0	0/0	0/0	0/0	12/8	
UA6HLP	264	11	8	SOLP-10	0.9	0/0	0/0	0/0	0/0	0/0	11/8	
RQ7R	12	2	2	SOLP-10	0.0	0/0	0/0	0/0	0/0	0/0	2/2	

RV1AW	52,050	353	50	SOUHP-10	8.6	0/0	0/0	0/0	0/0	0/0	353/50	
RL5A	30,240	257	40	SOUHP-10	11.1	0/0	0/0	0/0	0/0	0/0	257/40	
RA5W	21,912	169	44	SOUHP-10	3.2	0/0	0/0	0/0	0/0	0/0	169/44	
RV3VR	11,880	129	33	SOUHP-10	7.6	0/0	0/0	0/0	0/0	0/0	129/33	
RN6AT	8,904	111	28	SOUHP-10	3.8	0/0	0/0	0/0	0/0	0/0	111/28	
RT1B	7,200	76	32	SOUHP-10	1.5	0/0	0/0	0/0	0/0	0/0	76/32	
UA4CC	6,786	87	26	SOUHP-10	1.4	0/0	0/0	0/0	0/0	0/0	87/26	
UA3YCX	5,148	70	26	SOULP-10	6.5	0/0	0/0	0/0	0/0	0/0	70/26	
RN4WA	2,880	49	20	SOUHP-10	1.4	0/0	0/0	0/0	0/0	0/0	49/20	
R6KEE	1,215	27	15	SOULP-10	1.6	0/0	0/0	0/0	0/0	0/0	27/15	
Faroe Islands												
OY1CT	58,446	388	51	SOUHP-10	12.1	0/0	0/0	0/0	0/0	0/0	388/51	
Federal Republic of Germany												
DK7HA	561,450	992	190	SOQRP	36.1	0/0	74/24	188/39	176/35	281/47	273/45	
DL5YL	560,439	1,007	187	SOHP	13.5	0/0	39/17	174/29	345/50	311/50	138/41	
DJ8RS	498,600	835	200	SOHP	20.7	0/0	108/25	181/42	151/35	143/44	252/54	
DK3YD	437,895	799	185	SOLP	22.1	4/4	64/20	130/34	146/31	200/46	255/50	
DK3GI	307,440	618	168	SOHP	10.8	0/0	9/8	59/30	77/31	197/53	276/46	
DK6QW	178,059	434	139	SOLP	11.5	0/0	0/0	28/13	130/41	84/37	192/48	
DL5KUD	157,584	398	134	SOLP	16.8	0/0	10/9	53/26	51/22	118/38	166/39	
DJ2IA	147,549	362	137	SOHP	9.3	0/0	20/11	51/24	63/28	119/41	109/33	
DL9MFY	146,109	444	113	SOHP	7.4	0/0	0/0	1/1	170/35	158/39	115/38	
DM2DZM	136,590	321	145	SOQRP	6.3	0/0	33/15	38/24	71/31	89/38	90/37	
DM3XI	133,824	336	136	SOLP	14.5	0/0	27/15	64/31	36/15	80/32	129/43	
DL3DRN	128,016	341	127	SOLP	18.7	0/0	13/12	39/24	68/22	110/33	111/36	
DL1JDQ	124,875	336	125	SOQRP	13.0	0/0	8/6	54/23	36/20	96/38	142/38	
DL4FCJ	123,372	307	138	SOHP	16.5	0/0	20/11	63/26	54/28	98/40	72/33	
DJ8UL	122,451	351	119	SOLP	14.3	0/0	0/0	78/25	58/25	69/26	146/43	
DC8SG	121,068	347	118	SOLP	14.9	0/0	9/4	76/24	85/25	39/22	138/43	
DJ2FL	109,620	315	116	SOLP	17.2	0/0	0/0	55/20	61/22	66/31	133/43	
DL9LM	97,920	344	96	SOHP	16.7	0/0	0/0	43/18	97/29	204/49	0/0	
DM6WAN	91,806	291	107	SOLP	14.0	0/0	6/5	86/28	17/11	74/27	108/36	
DL4XU	79,734	277	97	SOLP	18.6	0/0	0/0	34/15	40/19	81/34	122/29	
DF6RI	79,530	246	110	SOLP	10.0	0/0	0/0	70/32	33/16	74/25	69/37	
DL7YAD	78,210	243	110	SOLP	19.7	0/0	0/0	20/14	111/38	67/31	45/27	
DK7XX	76,824	264	97	SOLP	11.7	0/0	0/0	22/12	53/20	74/30	115/35	
DL1DXA	76,077	244	107	SOQRP	17.2	0/0	0/0	32/18	94/33	63/31	55/25	
DK9WE	75,072	279	92	SOLP	16.9	0/0	5/4	30/15	41/15	66/23	137/35	
DK1FT	73,656	267	93	SOLP	7.9	0/0	0/0	4/4	57/18	97/34	109/37	
DL2TM	71,208	278	86	SOLP	8.8	0/0	0/0	0/0	20/12	142/40	116/34	
DJ7UC	70,713	293	81	SOLP	17.3	0/0	0/0	0/0	0/0	162/40	131/41	
DK2AT	61,410	235	89	SOHP	8.0	0/0	1/1	37/14	59/18	69/30	69/26	
DL5DXS	60,507	257	81	SOHP	5.8	0/0	0/0	0/0	4/4	93/37	160/40	
DL2SWR	59,241	219	91	SOLP	7.2	0/0	0/0	28/14	39/17	69/29	83/31	

DK3WM	58,515	239	83	SOQRP	8.8	0/0	1/1	90/23	82/24	56/27	10/8	
DL8DWW	53,505	207	87	SOLP	6.8	0/0	0/0	29/18	17/11	68/30	93/28	
DLØNG (DK8NC, op)	52,689	194	91	SOLP	9.8	4/4	60/19	51/28	13/10	12/8	54/22	
DL8SDC	52,152	215	82	SOLP	9.3	0/0	0/0	0/0	30/15	85/32	100/35	
DJ3GE	44,091	208	71	SOLP	9.2	0/0	0/0	0/0	7/7	55/23	146/41	
DL2RUG	43,824	179	83	SOLP	9.2	0/0	17/11	53/16	16/10	69/29	24/17	
DK3AX	41,940	244	60	SOHP	5.0	0/0	0/0	4/4	30/15	0/0	210/41	
DL9WNM	38,376	158	82	SOLP	10.4	0/0	0/0	10/7	49/19	50/27	49/29	
DL3HR	37,164	173	76	SOLP	12.4	0/0	0/0	19/13	41/18	26/15	87/30	
DL2BCY	32,400	151	75	SOLP	8.6	0/0	0/0	14/10	19/13	50/24	68/28	
DL8UBR	31,671	154	69	SOLP	6.3	0/0	3/3	24/13	8/6	50/21	69/26	
DL2IAN	31,050	155	69	SOLP	11.8	0/0	0/0	34/16	46/20	55/18	20/15	
DL7LX	29,799	134	77	SOHP	6.8	1/1	10/8	16/11	27/15	52/23	28/19	
DL7VHP	29,295	110	93	SOLP	11.2	0/0	0/0	14/14	23/23	36/26	37/30	
DD1TT	28,152	140	69	SOHP	8.0	0/0	0/0	1/1	37/16	63/32	39/20	
DL1SWT	26,625	130	71	SOLP	5.1	0/0	19/10	21/12	24/14	30/17	36/18	
DL2IKE	26,325	138	65	SOLP	8.2	0/0	0/0	7/6	32/17	52/20	47/22	
DL2FCA	25,740	133	66	SOHP	9.6	0/0	0/0	34/13	33/18	35/19	31/16	
DL2W (DF9ZV, op)	24,321	121	67	SOQRP	6.1	0/0	0/0	38/16	5/5	43/24	35/22	
DJ3CS	23,517	118	67	SOLP	8.2	0/0	0/0	24/15	33/16	40/25	21/11	
DF5BM	23,064	124	62	SOLP	5.1	0/0	0/0	28/17	0/0	41/19	55/26	
DL1THB	22,656	119	64	SOLP	6.7	0/0	0/0	24/15	12/8	55/25	28/16	
DL3LJ	22,176	169	44	SOHP	8.0	0/0	0/0	0/0	0/0	0/0	169/44	
DL8LR	21,420	113	70	SOQRP	6.7	0/0	6/6	35/21	22/15	23/15	27/13	
DL7VRG	19,716	108	62	SOLP	4.3	0/0	0/0	15/10	14/9	36/21	43/22	
DL1USB	19,440	108	60	SOLP	6.9	0/0	0/0	7/4	9/7	43/24	49/25	
DF7AT	17,640	100	60	SOHP	5.1	0/0	3/3	48/24	41/25	0/0	8/8	
DM3AZ	17,490	112	53	SOLP	3.5	0/0	0/0	52/21	24/13	0/0	36/19	
DL2LFH	16,695	109	53	SOQRP	8.4	0/0	0/0	0/0	9/9	85/32	15/12	
DK3WN	16,335	124	45	SOLP	7.9	0/0	0/0	76/19	19/11	1/1	28/14	
DF6QE	16,005	99	55	SOHP	6.8	0/0	0/0	0/0	7/6	39/26	53/23	
DL8MF	15,264	101	53	SOQRP	5.9	0/0	0/0	10/8	7/6	28/13	56/26	
DL2ZA	14,994	100	51	SOLP	3.6	0/0	0/0	0/0	12/8	45/20	43/23	
DL2HYH	14,256	109	44	SOLP	3.2	0/0	0/0	0/0	0/0	30/17	79/27	
DL8BEG	13,680	98	48	SOQRP	7.2	0/0	1/1	15/10	24/13	34/13	24/11	
DHØJAE	12,513	101	43	SOLP	4.7	0/0	0/0	0/0	2/2	31/16	68/25	
DL7UKT	12,276	96	44	SOLP	8.5	0/0	0/0	19/10	25/12	52/22	0/0	
DM3AA	11,988	75	54	SOLP	2.5	0/0	0/0	5/4	21/15	21/15	28/20	
DK5CF	11,628	79	51	SOQRP	4.3	0/0	0/0	19/12	3/3	19/13	38/23	
DF7XR	11,280	83	47	SOQRP	8.5	0/0	0/0	15/10	5/5	50/23	13/9	
DL8UKW	10,680	91	40	SOLP	7.2	0/0	0/0	68/24	6/5	17/11	0/0	
DH7AMF	10,437	84	49	SOLP	10.2	0/0	0/0	1/1	14/8	35/21	34/19	
DL2VN	10,350	79	46	SOHP	5.3	0/0	0/0	8/7	3/3	26/16	42/20	
DJ5CL	9,504	73	44	SOLP	1.8	0/0	8/6	21/13	2/2	32/17	10/6	

DL6EZ	9,360	80	40	SOLP	3.5	0/0	0/0	0/0	5/4	14/10	61/26	
DF1GRA	9,315	77	45	SOLP	5.2	0/0	2/2	10/7	34/15	30/20	1/1	
DL5DRM	8,658	78	39	SOLP	4.4	0/0	0/0	0/0	1/1	17/13	60/25	
DF5DK	8,190	71	42	SOHP	2.3	0/0	0/0	13/9	18/11	0/0	40/22	
DL6NAV	7,800	71	40	SOLP	7.6	0/0	0/0	1/1	20/12	32/16	18/11	
DL2FK	7,353	61	43	SOLP	4.5	0/0	0/0	1/1	16/11	14/11	30/20	
DJ8QP	7,224	67	43	SOLP	4.0	0/0	13/10	19/12	4/4	31/17	0/0	
DL1NKB	7,200	60	40	SOLP	5.4	0/0	0/0	8/7	4/4	28/16	20/13	
DD2EG	5,508	55	34	SOLP	3.0	0/0	0/0	0/0	10/9	30/15	15/10	
DL1KVN	5,508	54	34	SOLP	1.9	0/0	0/0	0/0	7/6	0/0	47/28	
DMØE (DG1HXJ, op)	5,472	59	32	SOLP	3.0	0/0	0/0	0/0	0/0	1/1	58/31	
DM3VPJ	5,217	48	37	SOLP	3.5	0/0	0/0	0/0	2/2	12/12	34/23	
DL6DVU	5,148	54	33	SOHP	1.7	0/0	0/0	25/16	29/17	0/0	0/0	
DL2BIS	4,956	62	28	SOLP	5.4	0/0	0/0	8/6	0/0	3/3	51/19	
DJ1KW	4,125	55	25	SOLP	2.2	0/0	0/0	0/0	7/7	48/18	0/0	
DM8FW	3,330	41	30	SOLP	1.9	0/0	0/0	0/0	0/0	21/15	20/15	
DM3PKK	3,132	37	29	SOHP	0.7	0/0	0/0	18/13	2/2	10/7	7/7	
DF1XC	2,736	50	19	SOLP	2.6	0/0	0/0	46/16	4/3	0/0	0/0	
DL4ZA	2,691	41	23	SOHP	1.0	0/0	0/0	34/17	7/6	0/0	0/0	
DK5TRI	2,553	37	23	SOLP	0.9	0/0	1/1	15/9	19/11	2/2	0/0	
DL2AWA	2,205	36	21	SOLP	1.5	0/0	0/0	0/0	22/11	14/10	0/0	
DK4YU	2,100	37	20	SOLP	4.2	0/0	0/0	1/1	0/0	8/7	28/12	
DL7UPN	1,848	30	22	SOLP	1.9	0/0	0/0	0/0	2/2	10/8	18/12	
DL8MAS	1,848	28	22	SOHP	0.6	0/0	0/0	0/0	4/3	15/12	9/7	
DL2AXM	1,638	29	21	SOLP	4.6	0/0	0/0	3/2	0/0	9/9	17/10	
DK5CM	1,512	25	21	SOQRP	2.3	0/0	0/0	0/0	4/4	9/7	12/10	
DL2AK	1,440	24	20	SOLP	1.6	0/0	0/0	0/0	3/3	14/11	7/6	
DH7TS	1,380	24	20	SOLP	1.1	0/0	0/0	8/7	8/7	6/4	2/2	
DL9NCR	1,296	25	18	SOLP	1.0	0/0	0/0	0/0	6/6	1/1	18/11	
DK2PC	864	18	16	SOLP	1.1	0/0	0/0	5/4	7/6	4/4	2/2	
DL5PF	576	16	12	SOQRP	1.6	0/0	0/0	0/0	0/0	11/7	5/5	
DL4DRG	120	8	5	SOLP	0.5	0/0	2/2	4/1	1/1	0/0	1/1	
DL8WJM	90	6	5	SOQRP	0.2	0/0	0/0	0/0	0/0	1/1	5/4	
DL2PR	60	5	5	SOQRP	0.7	0/0	0/0	0/0	0/0	2/2	3/3	
DB2OW	48	4	4	SOLP	0.4	0/0	0/0	0/0	4/4	0/0	0/0	
DM3AW	3	1	1	SOLP	0.0	0/0	0/0	0/0	0/0	0/0	1/1	
DK8MM	1,579,320	2,172	246	SOUHP	28.4	23/12	238/36	353/45	262/39	600/56	696/58	
DM5GG	1,467,984	1,914	257	SOUHP	37.4	11/10	124/31	512/49	322/52	437/56	508/59	
DK9IP	1,303,761	1,699	257	SOUHP	23.3	14/11	80/28	446/50	485/55	453/56	221/57	
DK5DQ	1,202,541	1,604	251	SOULP	29.6	20/11	116/30	353/45	326/52	384/56	405/57	
DAØBCC (DL7ON, op)	1,190,475	1,459	275	SOUHP	20.2	24/18	154/38	336/52	176/51	234/56	535/60	
DL6MHW	1,027,296	1,333	261	SOUHP	16.9	18/14	74/30	236/49	298/53	418/58	289/57	
DL1NEO	783,003	1,183	221	SOUHP	20.1	7/7	46/22	187/37	250/49	321/53	372/53	
DL5ØDAH (DK1KC, op)	776,160	1,160	224	SOUHP	25.2	3/3	80/26	207/42	216/47	278/51	376/55	

DL5YM	758,268	1,256	204	SOUHP	17.6	0/0	75/21	119/38	303/44	418/51	341/50	
DJ5AN	744,786	988	257	SOUHP	19.9	49/19	88/33	114/43	203/50	278/55	256/57	
DL1BUG	727,272	1,098	222	SOUHP	23.2	1/1	58/22	225/41	272/54	270/50	272/54	
DJ5MO	619,920	992	210	SOUHP	13.0	0/0	16/14	169/35	282/53	140/49	385/59	
DL8ZAW	611,520	915	224	SOUHP	28.6	0/0	46/20	168/44	202/49	226/54	273/57	
DL1NKS	610,560	965	212	SOUHP	19.3	8/6	77/25	190/44	136/37	216/48	338/52	
DL4JLM	528,876	999	177	SOUHP	16.1	0/0	0/0	72/18	240/48	311/54	376/57	
DK2CF	523,131	873	203	SOUHP	19.9	17/9	77/25	67/31	262/47	278/46	172/45	
DL4HRM	493,425	782	215	SOUHP	20.0	5/3	85/27	174/40	171/43	154/49	193/53	
DL9EE	480,909	770	209	SOUQRP	25.3	1/1	58/21	170/45	122/41	255/48	164/53	
DJ2QV	478,170	765	210	SOUHP	12.0	0/0	26/20	165/41	191/42	206/54	177/53	
DL4WA	448,029	751	201	SOULP	24.4	10/9	46/20	65/33	156/37	255/52	219/50	
DJ9MH	428,856	672	214	SOUHP	11.7	0/0	51/23	117/41	175/47	181/50	148/53	
DL2NBU	425,064	714	199	SOULP	11.8	0/0	10/9	117/35	207/47	170/51	210/57	
DK2CX	423,594	701	202	SOUHP	11.6	1/1	79/23	220/41	80/38	125/47	196/52	
DL6JF	420,792	723	197	SOULP	21.8	2/2	56/23	163/42	173/38	197/47	132/45	
DL8DYL	420,714	885	159	SOUHP	9.5	0/0	0/0	0/0	178/44	319/55	388/60	
DJ5MW	404,550	878	155	SOUHP	8.5	0/0	0/0	0/0	80/43	255/54	543/58	
DF7TV	394,761	731	181	SOUHP	11.1	0/0	0/0	102/30	193/49	313/54	123/48	
DK6WL	347,952	662	176	SOUHP	9.8	1/1	14/8	63/26	82/33	230/53	272/55	
DL1VDL	347,442	742	158	SOUHP	11.9	0/0	5/4	45/19	128/34	205/45	359/56	
DF3VM	347,130	668	174	SOUHP	8.1	0/0	0/0	95/36	115/32	177/48	281/58	
DL1EAR	331,875	639	177	SOULP	13.8	0/0	6/5	119/28	281/48	128/49	105/47	
DL4YR	326,874	696	157	SOULP	14.3	0/0	0/0	38/22	165/35	187/45	306/55	
DL2DX	307,536	705	149	SOUHP	7.9	0/0	0/0	11/10	72/35	249/50	373/54	
DK3QZ	280,686	577	163	SOULP	11.6	0/0	0/0	46/26	115/33	173/47	243/57	
DL5KUT	256,338	606	141	SOUHP	8.9	0/0	0/0	0/0	146/38	305/55	155/48	
DF5EG	254,520	519	168	SOUHP	16.0	0/0	54/24	108/35	153/38	99/40	105/31	
DF5EN	245,976	564	148	SOULP	24.5	0/0	0/0	70/31	173/38	127/38	194/41	
DK2GZ	241,530	492	166	SOUHP	14.1	0/0	5/4	104/33	143/36	105/44	135/49	
DL3IAS	229,152	500	154	SOULP	12.2	0/0	24/13	67/32	33/21	159/42	217/46	
DL6AG	225,765	521	145	SOUHP	14.6	0/0	0/0	71/22	111/33	131/44	208/46	
DL4YAO	216,810	498	146	SOUHP	11.7	0/0	0/0	101/33	65/29	154/43	178/41	
DL5NDX	213,000	500	142	SOUHP	12.8	0/0	0/0	56/32	64/22	180/42	200/46	
DJ4WT	211,365	431	165	SOULP	15.3	0/0	5/4	46/27	103/34	120/47	157/53	
DL5RMH	209,739	464	151	SOULP	7.6	0/0	4/4	52/21	100/34	173/47	135/45	
DC8YZ	205,533	566	123	SOULP	13.2	0/0	0/0	9/7	90/29	92/34	375/53	
DL7YS	203,679	429	159	SOULP	15.5	3/3	38/18	51/26	109/33	107/40	121/39	
DK2LO	200,928	323	208	SOUHP	12.3	0/0	12/9	44/38	62/49	101/55	104/57	
DM4AO	196,512	358	184	SOUHP	11.5	0/0	69/21	72/40	95/38	68/44	54/41	
DF8V (DF8VO, op)	194,157	471	141	SOUHP	9.9	0/0	6/5	45/19	116/32	126/38	178/47	
DL2OE	189,450	427	150	SOUHP	6.1	0/0	0/0	0/0	101/42	117/53	209/55	
DL1EFW	189,000	452	140	SOUQRP	14.1	0/0	0/0	2/2	116/39	177/50	157/49	
DAØT (DL8UD, op)	185,265	543	115	SOUHP	9.7	10/8	123/28	329/49	81/30	0/0	0/0	

DL1WA	184,539	455	137	SOULP	4.8	0/0	0/0	0/0	98/39	209/48	148/50	
DL1RTL	181,488	398	152	SOUHP	10.2	6/6	34/15	31/21	31/23	109/42	187/45	
DJ2MX	168,822	500	113	SOULP	8.5	0/0	8/6	22/18	0/0	65/31	405/58	
DK1FW	165,834	340	166	SOUHP	10.9	0/0	21/11	55/35	98/31	97/46	69/43	
DD2ML	162,732	385	142	SOULP	5.4	0/0	7/6	47/18	67/29	189/52	75/37	
DK3DUA	159,975	397	135	SOULP	8.4	0/0	0/0	26/18	77/30	110/41	184/46	
DJ9RR	156,492	419	126	SOUHP	10.6	0/0	0/0	9/7	79/27	159/44	172/48	
DK5KK	154,770	476	110	SOUHP	5.4	0/0	0/0	59/30	223/42	0/0	194/38	
DF6LQ	154,011	362	143	SOULP	20.5	0/0	25/15	73/30	54/25	87/36	123/37	
DL2LRT	149,193	370	137	SOULP	10.1	0/0	8/6	68/21	97/34	87/38	110/38	
DL5DTG	148,005	356	143	SOULP	16.9	0/0	16/10	41/22	52/28	113/40	134/43	
DF8XC	146,376	323	152	SOUHP	5.2	0/0	7/5	47/20	101/45	68/39	100/43	
DL4WG	144,207	338	147	SOULP	9.8	0/0	27/12	91/35	55/26	92/38	73/36	
DL6DCD	142,800	351	140	SOUHP	15.9	0/0	0/0	13/10	85/32	113/49	140/49	
DJ8EW	139,725	408	115	SOUHP	10.9	0/0	0/0	0/0	46/20	68/41	294/54	
DF2AJ	136,245	298	155	SOULP	11.6	0/0	30/18	48/27	56/28	50/32	114/50	
DK2FG	132,840	369	123	SOUHP	9.7	0/0	2/2	105/37	195/43	67/41	0/0	
DL1QQ	131,508	283	156	SOULP	9.3	0/0	10/9	52/20	56/33	75/45	90/49	
DL6RDR	128,853	417	103	SOULP	7.9	0/0	0/0	119/28	59/24	0/0	239/51	
DL1DTL	121,797	348	117	SOUHP	6.2	0/0	0/0	0/0	100/38	123/40	125/39	
DF4PD	119,448	319	126	SOUHP	7.6	0/0	22/12	156/35	52/28	63/30	26/21	
DJØIF	115,200	301	128	SOULP	5.9	0/0	0/0	102/30	40/26	69/35	90/37	
DL5ST	111,531	331	113	SOUHP	9.7	0/0	0/0	0/0	61/26	121/41	149/46	
DL2NBW	107,085	296	121	SOUHP	14.8	0/0	3/3	99/28	76/37	0/0	118/53	
DF4XF	106,446	316	113	SOULP	6.3	0/0	0/0	24/12	84/28	81/34	127/39	
DF1HF	99,630	248	135	SOULP	6.9	0/0	0/0	56/35	31/22	56/35	105/43	
DL9NDW	98,340	303	110	SOULP	10.3	0/0	2/2	74/22	80/22	97/37	50/27	
DL3YM	96,333	198	163	SOULP	4.3	2/2	21/21	37/37	54/31	54/42	30/30	
DK7ZT	89,661	210	143	SOUHP	3.8	0/0	5/5	40/18	40/37	41/40	84/43	
DLØCK (DL1EAL, op)	89,082	296	101	SOULP	9.4	0/0	7/7	120/25	16/9	87/34	66/26	
DL5ARM	81,204	271	101	SOULP	7.4	0/0	0/0	36/15	41/17	93/37	101/32	
DH7KU	78,807	245	109	SOULP	4.7	0/0	0/0	0/0	29/19	68/42	148/48	
DL9SEV	77,805	249	105	SOULP	6.0	0/0	0/0	0/0	58/26	101/40	90/39	
DL7ALM	73,440	240	102	SOULP	8.1	0/0	3/3	38/17	59/23	60/27	80/32	
DL1SO	72,765	247	99	SOULP	7.9	0/0	0/0	64/30	43/15	73/27	67/27	
DL5CL	71,874	201	121	SOULP	5.4	5/4	53/22	41/28	24/16	23/20	55/31	
DF2DR	71,280	246	99	SOULP	11.6	0/0	0/0	11/8	17/12	84/36	134/43	
DL7UGN	70,296	233	101	SOUHP	6.6	0/0	0/0	0/0	49/21	145/46	39/34	
DH1TST	69,300	214	110	SOUHP	5.4	0/0	0/0	44/25	41/20	49/29	80/36	
DL3RAR	67,374	201	114	SOULP	7.2	0/0	2/2	20/11	68/29	62/37	49/35	
DL1HSI	67,095	222	105	SOULP	8.9	0/0	10/6	35/18	26/21	54/28	97/32	
DL3ZZA	66,960	243	93	SOUHP	10.2	0/0	0/0	0/0	18/13	84/36	141/44	
DJ5CW	60,444	221	92	SOULP	10.0	0/0	0/0	36/24	85/24	30/17	70/27	
DB2WD	58,140	207	95	SOULP	7.3	0/0	0/0	9/9	79/28	43/23	76/35	

DL4DRW	56,964	209	94	SOULP	16.7	0/0	1/1	58/22	29/17	73/30	48/24	
DG1CMZ	56,133	194	99	SOUHP	2.4	6/6	33/23	111/42	3/3	10/7	31/18	
DL2RTJ	55,008	196	96	SOUHP	2.8	0/0	0/0	1/1	57/22	57/37	81/36	
DC2VE	54,432	174	108	SOUHP	8.8	0/0	0/0	9/9	32/21	45/36	88/42	
DK8AX	53,820	199	92	SOUHP	4.9	0/0	33/14	88/31	53/25	0/0	25/22	
DM6EE	53,580	190	94	SOULP	4.5	0/0	1/1	62/21	58/20	30/23	39/29	
DF9VJ	49,533	215	79	SOULP	9.5	0/0	0/0	0/0	47/21	54/23	114/35	
DK7TY	47,784	182	88	SOULP	9.8	0/0	14/12	27/14	39/18	51/24	51/20	
DF4XX	46,458	181	87	SOUHP	3.4	0/0	0/0	29/17	19/13	84/32	49/25	
DL6RBH	44,616	170	88	SOULP	9.6	0/0	9/6	15/11	15/12	64/31	67/28	
DM9EE	40,848	188	74	SOULP	3.4	0/0	1/1	146/41	13/10	23/17	5/5	
DF4XG	38,016	146	88	SOULP	3.8	0/0	0/0	26/15	14/13	61/30	45/30	
DL7URB	36,654	154	82	SOULP	16.2	0/0	0/0	23/11	34/18	50/28	47/25	
DD5M (DJØZY, op)	34,656	152	76	SOULP	2.9	0/0	0/0	91/38	0/0	40/22	21/16	
DK1MAX	33,345	117	95	SOUHP	2.0	0/0	42/23	0/0	0/0	35/35	40/37	
DL6DH	33,048	141	81	SOUHP	3.0	0/0	41/19	10/8	3/3	15/12	72/39	
DL1EMA	30,033	143	71	SOUHP	5.8	0/0	0/0	7/7	28/15	78/29	30/20	
DF1LX	27,972	126	74	SOULP	2.3	0/0	1/1	33/16	25/16	43/22	24/19	
DF7IH	26,928	139	66	SOULP	8.1	0/0	0/0	0/0	32/17	52/23	55/26	
DL3RDM	26,112	138	64	SOULP	3.4	0/0	1/1	33/15	23/15	22/11	59/22	
DL8ZAJ	25,200	120	70	SOULP	5.3	0/0	3/3	23/12	36/21	28/15	30/19	
DL4HCF	24,420	118	74	SOULP	11.0	0/0	0/0	4/4	32/21	28/19	54/30	
DL5XJ	19,947	109	61	SOUHP	1.0	0/0	0/0	0/0	51/32	54/25	4/4	
DD5VL	19,296	98	67	SOULP	3.2	0/0	0/0	1/1	23/17	36/23	38/26	
DK3UW	19,278	132	51	SOUQRP	11.2	0/0	0/0	32/14	39/16	61/21	0/0	
DF7CB	18,300	100	61	SOULP	4.8	0/0	0/0	20/12	8/7	23/17	49/25	
DL8RDL	17,820	110	54	SOUHP	2.3	0/0	7/6	31/16	33/14	39/18	0/0	
DF1OE	17,325	108	55	SOULP	4.6	0/0	0/0	6/5	27/16	23/12	52/22	
DP6A (DL8OH, op)	16,764	127	44	SOUHP	4.1	24/13	103/31	0/0	0/0	0/0	0/0	
DJ6YX	15,498	126	41	SOULP	3.0	0/0	0/0	0/0	0/0	0/0	126/41	
DM3F (DH5FS, op)	14,256	108	44	SOULP	2.5	0/0	0/0	0/0	3/3	17/11	88/30	
DL5AZZ	14,229	93	51	SOUHP	2.7	0/0	0/0	0/0	12/9	25/15	56/27	
DL1DBR	12,771	99	43	SOUHP	3.9	0/0	11/9	74/23	2/2	1/1	11/8	
DF1PY	12,600	102	42	SOULP	7.2	0/0	0/0	0/0	0/0	6/5	96/37	
DM7XX	12,144	93	46	SOUHP	3.7	0/0	0/0	0/0	0/0	27/17	66/29	
DJ1MM	11,880	73	55	SOULP	6.8	0/0	8/6	2/2	11/11	38/23	14/13	
DL4FDI	10,716	76	47	SOULP	6.4	0/0	0/0	21/15	16/12	0/0	39/20	
DL8WX	10,395	99	35	SOULP	2.8	0/0	0/0	0/0	0/0	0/0	99/35	
DF3OL	8,712	69	44	SOULP	4.5	0/0	3/3	15/10	23/12	13/8	15/11	
DL1GRC	7,068	62	38	SOULP	3.1	0/0	0/0	0/0	10/7	34/19	18/12	
DJ4CW	6,669	63	39	SOUQRP	3.4	0/0	0/0	15/11	15/8	17/10	16/10	
DM2DS	6,048	68	32	SOUQRP	9.3	0/0	0/0	0/0	5/5	36/13	27/14	
DK5WO	5,952	64	31	SOULP	2.1	0/0	0/0	0/0	0/0	25/14	39/17	
DK7SM	5,616	54	39	SOULP	2.6	0/0	0/0	13/7	6/4	14/11	21/17	

DL7AT	4,968	47	36	SOUQRP	2.2	0/0	1/1	9/6	17/13	15/11	5/5	
DL8RB	4,608	49	32	SOUHP	1.2	0/0	0/0	0/0	0/0	35/21	14/11	
DK2YL	4,590	51	30	SOUHP	1.1	0/0	0/0	0/0	39/20	12/10	0/0	
DL9BU	4,500	50	30	SOULP	3.3	0/0	0/0	0/0	16/9	13/9	21/12	
DK6SP	4,092	44	31	SOULP	0.8	0/0	0/0	0/0	3/3	41/28	0/0	
DL8UI	3,528	52	24	SOUHP	4.1	0/0	1/1	6/4	8/5	17/8	20/6	
DK9TN	2,970	38	30	SOULP	2.4	0/0	0/0	0/0	5/5	10/8	23/17	
DL2LSM	2,925	39	25	SOULP	1.8	0/0	0/0	0/0	10/9	0/0	29/16	
DL3GJ	1,122	22	17	SOULP	1.8	0/0	0/0	0/0	10/9	12/8	0/0	
DL6NCY	810	18	15	SOUHP	0.6	0/0	0/0	9/8	2/1	7/6	0/0	
DL1MIA	90	6	6	SOULP	0.7	0/0	0/0	0/0	0/0	4/4	2/2	
DJ3TF	3,564	59	22	SOUHP-160	3.9	59/22	0/0	0/0	0/0	0/0	0/0	
DJØMDR	56,700	430	45	SOUHP-80	14.5	0/0	430/45	0/0	0/0	0/0	0/0	
DF9LJ	32,595	268	41	SOUHP-80	3.5	0/0	268/41	0/0	0/0	0/0	0/0	
DL8WAA	5,100	68	25	SOULP-80	2.5	0/0	68/25	0/0	0/0	0/0	0/0	
DL8KX	2,064	45	16	SOUHP-80	3.2	0/0	45/16	0/0	0/0	0/0	0/0	
DL2TOS	1,176	28	14	SOULP-80	4.1	0/0	28/14	0/0	0/0	0/0	0/0	
DL5CW	32,604	288	38	SOHP-40	3.3	0/0	0/0	288/38	0/0	0/0	0/0	
DL4ME	15,984	148	37	SOHP-40	6.6	0/0	0/0	148/37	0/0	0/0	0/0	
DK1VD	11,919	140	29	SOQRP-40	10.4	0/0	0/0	140/29	0/0	0/0	0/0	
DJ5TT	9,405	99	33	SOLP-40	3.8	0/0	0/0	99/33	0/0	0/0	0/0	
DM2MX	4,446	59	26	SOHP-40	2.3	0/0	0/0	59/26	0/0	0/0	0/0	
DL2NY	4,350	59	25	SOLP-40	5.6	0/0	0/0	59/25	0/0	0/0	0/0	
DK9PY	221,604	1,270	59	SOUHP-40	20.4	0/0	0/0	1,270/59	0/0	0/0	0/0	
DL5SE	62,400	427	50	SOUHP-40	4.5	0/0	0/0	427/50	0/0	0/0	0/0	
DJ8VH	37,296	303	42	SOUHP-40	2.6	0/0	0/0	303/42	0/0	0/0	0/0	
DL1MGB	21,318	213	34	SOUHP-40	3.6	0/0	0/0	213/34	0/0	0/0	0/0	
DL2LDE	19,668	151	44	SOULP-40	21.5	0/0	0/0	151/44	0/0	0/0	0/0	
DK4LX	14,319	130	37	SOULP-40	5.5	0/0	0/0	130/37	0/0	0/0	0/0	
DL9ZP	40,230	298	45	SOLP-20	20.6	0/0	0/0	0/0	298/45	0/0	0/0	
DL5CC	7,665	83	35	SOLP-20	8.5	0/0	0/0	0/0	83/35	0/0	0/0	
DL7UDA	7,128	68	36	SOHP-20	8.0	0/0	0/0	0/0	68/36	0/0	0/0	
DM5WGL	3,036	46	22	SOLP-20	5.1	0/0	0/0	0/0	46/22	0/0	0/0	
DL1ATZ	135	9	5	SOHP-20	0.2	0/0	0/0	0/0	9/5	0/0	0/0	
DC4OT	6	2	2	SOLP-20	0.3	0/0	0/0	0/0	2/2	0/0	0/0	
DL6RDE	43,365	299	49	SOUHP-20	8.0	0/0	0/0	0/0	299/49	0/0	0/0	
DD5KG	12,705	127	35	SOULP-20	7.2	0/0	0/0	0/0	127/35	0/0	0/0	
DL7VDX	1,302	33	14	SOULP-20	1.4	0/0	0/0	0/0	33/14	0/0	0/0	
DL3KVR	49,725	325	51	SOLP-15	11.4	0/0	0/0	0/0	0/0	325/51	0/0	
DL5ME	42,588	285	52	SOLP-15	10.1	0/0	0/0	0/0	0/0	285/52	0/0	
DK4HH	20,241	187	39	SOHP-15	8.1	0/0	0/0	0/0	0/0	187/39	0/0	
DL5ZL	19,479	178	43	SOLP-15	11.2	0/0	0/0	0/0	0/0	178/43	0/0	
DL4JU	16,740	127	45	SOLP-15	3.2	0/0	0/0	0/0	0/0	127/45	0/0	
DF7CP	15,375	126	41	SOLP-15	4.5	0/0	0/0	0/0	0/0	126/41	0/0	

DO6SR	11,544	115	37	SOLP-15	7.1	0/0	0/0	0/0	0/0	115/37	0/0
DO2XU	7,776	84	32	SOLP-15	5.8	0/0	0/0	0/0	0/0	84/32	0/0
DF7EM	3,780	53	28	SOLP-15	1.5	0/0	0/0	0/0	0/0	53/28	0/0
DG2FDD	351	13	9	SOQRP-15	0.5	0/0	0/0	0/0	0/0	13/9	0/0
DO6AN	324	12	9	SOLP-15	0.4	0/0	0/0	0/0	0/0	12/9	0/0
DL8UAT	71,610	439	55	SOUHP-15	7.4	0/0	0/0	0/0	0/0	439/55	0/0
DK5XG	65,448	411	54	SOUHP-15	11.6	0/0	0/0	0/0	0/0	411/54	0/0
DM7CW	22,908	167	46	SOULP-15	8.6	0/0	0/0	0/0	0/0	167/46	0/0
DH8BQA	144,900	807	60	SOHP-10	16.8	0/0	0/0	0/0	0/0	0/0	807/60
DM1T (DL9SCO, op)	81,780	476	58	SOHP-10	5.6	0/0	0/0	0/0	0/0	0/0	476/58
DL5IAH	62,118	415	51	SOHP-10	11.0	0/0	0/0	0/0	0/0	0/0	415/51
DL1CW	44,460	286	52	SOLP-10	8.8	0/0	0/0	0/0	0/0	0/0	286/52
DL2FAG	27,738	201	46	SOLP-10	7.8	0/0	0/0	0/0	0/0	0/0	201/46
DR5X (DL8LAS, op)	24,768	196	43	SOHP-10	1.0	0/0	0/0	0/0	0/0	0/0	196/43
DHØGDS	18,960	161	40	SOLP-10	13.1	0/0	0/0	0/0	0/0	0/0	161/40
DL3MB	12,876	119	37	SOLP-10	9.1	0/0	0/0	0/0	0/0	0/0	119/37
DL1FMG	6,624	73	32	SOLP-10	4.0	0/0	0/0	0/0	0/0	0/0	73/32
DF6PK	6,525	76	29	SOLP-10	4.8	0/0	0/0	0/0	0/0	0/0	76/29
DL4ABR	6,045	65	31	SOHP-10	2.4	0/0	0/0	0/0	0/0	0/0	65/31
DL3BCU	4,374	54	27	SOLP-10	3.2	0/0	0/0	0/0	0/0	0/0	54/27
DL6NBC	4,125	55	25	SOLP-10	2.6	0/0	0/0	0/0	0/0	0/0	55/25
DF3SM	3,366	51	22	SOQRP-10	5.6	0/0	0/0	0/0	0/0	0/0	51/22
DB8AH	2,520	40	21	SOLP-10	2.4	0/0	0/0	0/0	0/0	0/0	40/21
DJ6TK	2,040	35	20	SOLP-10	3.1	0/0	0/0	0/0	0/0	0/0	35/20
DH2URF	1,140	20	19	SOLP-10	2.0	0/0	0/0	0/0	0/0	0/0	20/19
DL1RPR	627	20	11	SOLP-10	1.1	0/0	0/0	0/0	0/0	0/0	20/11
DL/UX1HW/M	192	8	8	SOLP-10	1.1	0/0	0/0	0/0	0/0	0/0	8/8
DMØA (DK3DM, op)	262,980	1,476	60	SOUHP-10	17.3	0/0	0/0	0/0	0/0	0/0	1,476/60
DL5JQ	116,580	673	58	SOUHP-10	14.9	0/0	0/0	0/0	0/0	0/0	673/58
DF8AE	108,720	615	60	SOULP-10	11.6	0/0	0/0	0/0	0/0	0/0	615/60
DL6JZ	99,651	566	59	SOUHP-10	13.8	0/0	0/0	0/0	0/0	0/0	566/59
DJ9AO	83,520	468	60	SOUHP-10	13.1	0/0	0/0	0/0	0/0	0/0	468/60
DL6RAI	70,560	420	56	SOULP-10	17.1	0/0	0/0	0/0	0/0	0/0	420/56
DL5MAE	56,616	344	56	SOULP-10	12.3	0/0	0/0	0/0	0/0	0/0	344/56
DL3HAH	50,616	297	57	SOUHP-10	4.3	0/0	0/0	0/0	0/0	0/0	297/57
DL7CX	46,170	290	54	SOUHP-10	4.0	0/0	0/0	0/0	0/0	0/0	290/54
DM7X	42,978	250	58	SOUHP-10	7.1	0/0	0/0	0/0	0/0	0/0	250/58
DJ3CQ	41,307	284	49	SOUHP-10	9.6	0/0	0/0	0/0	0/0	0/0	284/49
DL4FAY	40,350	275	50	SOUHP-10	7.5	0/0	0/0	0/0	0/0	0/0	275/50
DL1HBT	38,403	257	51	SOULP-10	4.8	0/0	0/0	0/0	0/0	0/0	257/51
DD3FH	37,908	236	54	SOUHP-10	6.7	0/0	0/0	0/0	0/0	0/0	236/54
DL3KUD	27,072	193	47	SOUHP-10	9.5	0/0	0/0	0/0	0/0	0/0	193/47
DK3WW	25,479	151	57	SOULP-10	4.3	0/0	0/0	0/0	0/0	0/0	151/57
DL3FCG	25,239	179	47	SOUHP-10	2.7	0/0	0/0	0/0	0/0	0/0	179/47

DL4CF	22,983	163	47	SOULP-10	8.9	0/0	0/0	0/0	0/0	0/0	163/47	
DK1IP	19,170	146	45	SOUHP-10	4.6	0/0	0/0	0/0	0/0	0/0	146/45	
DF4WC	18,744	143	44	SOULP-10	5.7	0/0	0/0	0/0	0/0	0/0	143/44	
DL5ANS	16,800	141	40	SOULP-10	7.1	0/0	0/0	0/0	0/0	0/0	141/40	
DL6HCC	16,284	118	46	SOUHP-10	4.4	0/0	0/0	0/0	0/0	0/0	118/46	
DM7W (DL8MAS, op)	4,248	59	24	SOULP-10	0.9	0/0	0/0	0/0	0/0	0/0	59/24	
DL6GCE	3,600	50	24	SOULP-10	2.9	0/0	0/0	0/0	0/0	0/0	50/24	
DM3ZF	3,564	44	27	SOULP-10	1.8	0/0	0/0	0/0	0/0	0/0	44/27	
DK4US	2,784	33	29	SOUHP-10	1.2	0/0	0/0	0/0	0/0	0/0	33/29	
Finland												
OH2BA (MØCFW, op)	740,877	1,259	199	SOHP	25.1	0/0	13/10	444/51	191/41	301/50	310/47	
OH1VR	199,485	481	143	SOHP	9.1	0/0	0/0	126/38	104/38	99/32	152/35	
OH3JF	165,645	418	135	SOHP	15.2	0/0	7/7	24/15	46/26	155/45	186/42	
OH2N	89,298	366	82	SOHP	3.6	0/0	0/0	0/0	23/15	30/19	313/48	
OH2KI	32,970	157	70	SOHP	4.5	0/0	0/0	0/0	82/29	29/23	46/18	
OH1TS	9,594	88	41	SOLP	5.6	0/0	0/0	0/0	8/7	30/16	50/18	
OH5UQ	990	23	15	SOLP	2.1	0/0	0/0	21/13	2/2	0/0	0/0	
OH4BCS (OH1ZAA, op)	126	7	6	SOHP	0.4	0/0	0/0	4/3	3/3	0/0	0/0	
OH1F (OH1TM, op)	2,361,438	3,129	254	SOUHP	42.6	1/1	93/23	690/56	658/56	872/60	815/58	
OH2T (OH2KW, op)	496,845	939	181	SOUHP	25.5	0/0	27/12	110/38	415/50	188/43	199/38	
OH7KBF	276,276	647	143	SOUHP	15.6	0/0	7/4	40/23	100/30	172/42	328/44	
OH6OS	268,164	578	156	SOUHP	11.9	0/0	0/0	51/28	136/37	223/49	168/42	
OH3EX	233,448	554	142	SOUHP	17.5	0/0	0/0	135/46	118/42	301/54	0/0	
OH2XX	210,726	516	138	SOUHP	7.5	0/0	4/4	97/38	42/21	86/30	287/45	
OH1NA (OH1NOA, op)	166,617	364	153	SOUHP	11.2	0/0	10/8	31/21	70/34	96/44	157/46	
OG7F	153,900	453	114	SOUHP	5.1	0/0	0/0	54/23	72/23	102/29	225/39	
OH3FM	146,160	443	112	SOUHP	11.0	0/0	0/0	0/0	194/42	156/42	93/28	
OH6RE	141,873	361	131	SOUHP	9.4	0/0	0/0	25/15	125/42	87/37	124/37	
OH2ID	45,390	174	89	SOUHP	9.2	0/0	0/0	19/17	52/24	72/30	31/18	
OH1HAQ	42,267	197	73	SOULP	12.3	0/0	0/0	0/0	41/18	72/27	84/28	
OH8KA	6,825	69	35	SOULP	5.5	0/0	0/0	0/0	14/8	40/18	15/9	
OH2CBD	12	2	2	SOULP	0.0	0/0	0/0	0/0	0/0	1/1	1/1	
OH1XX	60	5	4	SOHP-160	0.3	5/4	0/0	0/0	0/0	0/0	0/0	
OH2BH	21,060	199	36	SOUHP-80	3.8	0/0	199/36	0/0	0/0	0/0	0/0	
OH3BCX (OH1ZAA, op)	2,484	46	18	SOHP-40	1.6	0/0	0/0	46/18	0/0	0/0	0/0	
OH8L (OH8LQ, op)	254,340	1,459	60	SOHP-20	40.5	0/0	0/0	0/0	1,459/60	0/0	0/0	
OH6TN	8,730	97	30	SOLP-20	2.7	0/0	0/0	0/0	97/30	0/0	0/0	
OH7JL	8,316	91	33	SOHP-20	6.0	0/0	0/0	0/0	91/33	0/0	0/0	
OH5TS	6,930	78	30	SOLP-20	2.7	0/0	0/0	0/0	78/30	0/0	0/0	
OH2VZ	3,036	44	23	SOHP-20	1.9	0/0	0/0	0/0	44/23	0/0	0/0	
OG6B (OH1ZAA, op)	2,079	33	21	SOHP-20	1.4	0/0	0/0	0/0	33/21	0/0	0/0	
OH7K (OH8SR, op)	68,475	436	55	SOUHP-20	16.7	0/0	0/0	0/0	436/55	0/0	0/0	
OH1RX	40,896	297	48	SOUHP-20	11.8	0/0	0/0	0/0	297/48	0/0	0/0	
OH2PQ	114,318	666	58	SOHP-15	15.5	0/0	0/0	0/0	0/0	666/58	0/0	

OH4A (OH6XA, op)	76,959	512	51	SOHP-15	9.0	0/0	0/0	0/0	0/0	512/51	0/0	
OH1QX (OH1ZAA, op)	1,980	33	20	SOHP-15	1.1	0/0	0/0	0/0	0/0	33/20	0/0	
OH2BN	819	21	13	SOLP-15	1.3	0/0	0/0	0/0	0/0	21/13	0/0	
OH8A (OH8WW, op)	205,842	1,218	58	SOUHP-15	22.9	0/0	0/0	0/0	0/0	1,218/58	0/0	
OG3B	136,242	791	58	SOUHP-15	16.3	0/0	0/0	0/0	0/0	791/58	0/0	
OH6AC (OH6CS, op)	147,552	853	58	SOHP-10	19.6	0/0	0/0	0/0	0/0	0/0	853/58	
OH7MA	141,423	813	59	SOHP-10	19.6	0/0	0/0	0/0	0/0	0/0	813/59	
OH6LI	46,812	335	47	SOHP-10	6.3	0/0	0/0	0/0	0/0	0/0	335/47	
OH3HS	7,176	92	26	SOLP-10	8.8	0/0	0/0	0/0	0/0	0/0	92/26	
OH9COG (OH1ZAA, op)	5,796	69	28	SOHP-10	2.1	0/0	0/0	0/0	0/0	0/0	69/28	
OH2CI	5,751	71	27	SOHP-10	2.1	0/0	0/0	0/0	0/0	0/0	71/27	
OH1X	4,698	59	27	SOHP-10	3.4	0/0	0/0	0/0	0/0	0/0	59/27	
OH5ZA (OH1ZAA, op)	936	27	12	SOHP-10	1.1	0/0	0/0	0/0	0/0	0/0	27/12	
OG7A (OH6MW, op)	170,460	949	60	SOUHP-10	11.5	0/0	0/0	0/0	0/0	0/0	949/60	
OG9X	122,607	733	57	SOUHP-10	16.4	0/0	0/0	0/0	0/0	0/0	733/57	
France												
F5SGI	498,510	883	191	SOLP	30.3	0/0	85/23	184/38	222/40	179/47	213/43	
F8AAN	482,868	833	204	SOHP	10.3	34/16	61/23	132/36	80/34	227/47	299/48	
TM57M	386,691	832	157	SOHP	19.3	0/0	0/0	58/19	226/41	223/47	325/50	
F5ICC	371,169	703	177	SOLP	23.4	0/0	27/16	118/39	92/27	238/47	228/48	
F6BLP	309,135	567	185	SOHP	16.9	0/0	52/27	73/35	97/33	121/38	224/52	
F5JU	206,664	438	158	SOLP	17.5	0/0	50/20	78/38	86/28	120/40	104/32	
F5IAE	102,564	311	111	SOLP	11.5	0/0	0/0	28/18	99/25	81/32	103/36	
F6FJE	100,395	295	115	SOLP	12.9	0/0	0/0	59/30	111/28	38/23	87/34	
F5OZC	76,329	266	99	SOLP	12.5	0/0	0/0	91/31	45/20	68/26	62/22	
F5JBR	68,670	221	105	SOLP	16.6	0/0	4/4	68/30	28/19	56/24	65/28	
F6FTB	65,805	205	107	SOLP	4.7	1/1	7/7	28/22	46/21	48/26	75/30	
F5MQU	59,427	221	93	SOLP	17.9	0/0	9/6	58/20	45/18	66/25	43/24	
F5MMB	38,442	152	86	SOLP	8.3	0/0	7/5	25/19	21/10	46/25	53/27	
F6FET	37,920	166	80	SOLP	7.8	0/0	0/0	26/16	21/13	52/25	67/26	
F6IIV	37,914	143	89	SOHP	4.2	0/0	17/13	43/23	40/20	24/17	19/16	
F4WEF	37,824	207	64	SOLP	9.0	0/0	0/0	0/0	135/29	59/26	13/9	
F5MGD	17,460	104	60	SOLP	7.8	0/0	0/0	16/13	0/0	35/23	53/24	
F5SDD	13,818	96	49	SOHP	2.1	0/0	0/0	58/24	38/25	0/0	0/0	
F5TYT	13,104	98	48	SOLP	7.7	0/0	0/0	0/0	8/5	33/19	57/24	
F6API	10,152	74	47	SOLP	6.7	0/0	0/0	7/7	26/16	37/21	4/3	
F5OEV	9,504	75	48	SOLP	3.3	0/0	0/0	11/10	37/17	27/21	0/0	
F4HYY	5,202	53	34	SOLP	2.6	0/0	0/0	2/2	24/12	14/10	13/10	
F/EA5KO/P	5,184	60	32	SOLP	4.8	0/0	0/0	0/0	14/8	40/19	6/5	
F3WT	3,876	39	34	SOLP	3.4	6/5	8/7	2/2	8/7	11/9	4/4	
F8OOI	1,440	26	20	SOLP	2.7	0/0	0/0	0/0	8/7	3/3	15/10	
F4GFT	168	8	8	SOLP	0.8	0/0	0/0	0/0	0/0	3/3	5/5	
F6FYA	2,199,120	2,679	280	SOUHP	32.0	38/17	355/45	445/49	683/56	570/56	588/57	
TM9C	1,535,490	2,154	242	SOUHP	26.9	0/0	125/28	695/55	269/49	441/53	624/57	

TM2Y (F6BEE, op)	1,517,760	2,006	255	SOUHP	18.4	16/9	205/29	401/48	517/53	390/58	477/58	
F5NKX	857,241	1,253	231	SOULP	27.9	9/7	159/33	205/39	344/49	235/50	301/53	
F8CRS	693,000	1,005	231	SOULP	16.2	5/5	42/22	107/43	199/49	290/54	362/58	
F8DGY	689,424	1,107	212	SOUHP	19.2	2/2	31/15	152/37	280/50	342/57	300/51	
F5PAL	662,970	1,103	205	SOUHP	22.2	0/0	46/18	240/42	285/45	265/49	267/51	
F6DCQ	515,394	831	209	SOULP	23.2	7/7	97/28	177/43	185/41	214/45	151/45	
F5CBQ	449,550	810	185	SOUHP	13.7	0/0	0/0	175/40	167/42	220/50	248/53	
F8DFP	282,129	611	157	SOUHP	14.9	0/0	31/16	85/25	198/38	143/39	154/39	
F8ATS	172,350	393	150	SOUHP	16.6	1/1	23/16	57/31	72/28	162/41	78/33	
F6FLU	134,616	292	158	SOUHP	7.6	0/0	0/0	56/30	88/35	56/45	92/48	
F4CVQ	134,568	364	126	SOULP	13.4	0/0	0/0	71/24	114/32	110/40	69/30	
F5PHW	132,153	218	203	SOUHP	7.4	0/0	7/7	40/34	57/52	56/54	58/56	
F4HGU	107,262	306	118	SOUHP	5.0	0/0	0/0	0/0	23/20	55/44	228/54	
F4HRM	78,975	234	117	SOUHP	8.3	0/0	0/0	10/8	92/33	44/35	88/41	
F4BHK	74,772	207	124	SOULP	12.0	0/0	0/0	35/25	58/29	54/32	60/38	
F6HDI	74,358	247	102	SOUHP	4.7	0/0	0/0	0/0	39/30	120/40	88/32	
F1IKA	53,703	223	81	SOULP	13.9	0/0	0/0	95/36	0/0	0/0	128/45	
F1ADG	43,428	193	77	SOUHP	5.1	0/0	0/0	67/18	21/16	0/0	105/43	
F1PHC	28,329	136	71	SOULP	8.5	0/0	0/0	2/1	47/21	49/28	38/21	
F5RDS	23,598	118	69	SOUHP	7.0	0/0	1/1	14/9	32/18	33/21	38/20	
F1TRE	20,520	115	60	SOUHP	8.8	0/0	0/0	50/20	6/6	41/22	18/12	
F4CIB	15,840	80	66	SOULP	4.2	0/0	0/0	0/0	5/5	22/20	53/41	
F8FQJ	11,844	86	47	SOULP	3.6	0/0	0/0	29/13	0/0	42/21	15/13	
F/E72T	108	18	2	SOULP	0.6	0/0	0/0	15/1	0/0	0/0	3/1	
F4BDG	7,308	99	29	SOHP-40	4.9	0/0	0/0	99/29	0/0	0/0	0/0	
F8GHA	600	23	10	SOLP-20	2.6	0/0	0/0	0/0	23/10	0/0	0/0	
F6IRA	34,992	254	48	SOUHP-20	3.2	0/0	0/0	0/0	254/48	0/0	0/0	
F6ARC	165,849	947	59	SOHP-15	10.6	0/0	0/0	0/0	0/0	947/59	0/0	
F5NBX	142,308	816	59	SOHP-10	8.1	0/0	0/0	0/0	0/0	0/0	816/59	
F5OGL	122,130	699	59	SOLP-10	15.8	0/0	0/0	0/0	0/0	0/0	699/59	
TM5T	75,069	445	57	SOHP-10	7.2	0/0	0/0	0/0	0/0	0/0	445/57	
F6AUS	50,880	327	53	SOHP-10	14.0	0/0	0/0	0/0	0/0	0/0	327/53	
F5PHY	49,131	313	53	SOHP-10	5.7	0/0	0/0	0/0	0/0	0/0	313/53	
F8PDR	48,672	319	52	SOHP-10	4.9	0/0	0/0	0/0	0/0	0/0	319/52	
F8AKC	15,750	127	42	SOQRP-10	10.0	0/0	0/0	0/0	0/0	0/0	127/42	
F6EPO	1,725	39	25	SOQRP-10	6.7	0/0	0/0	0/0	0/0	0/0	39/25	
TM1W	273,240	1,526	60	SOUHP-10	19.6	0/0	0/0	0/0	0/0	0/0	1,526/60	
F6GCP (XX9XX, op)	100,890	572	59	SOUHP-10	10.7	0/0	0/0	0/0	0/0	0/0	572/59	
F6KRK (F4AFQ, op)	40,386	259	53	SOULP-10	8.5	0/0	0/0	0/0	0/0	0/0	259/53	
F1UVN	24,786	154	54	SOULP-10	9.8	0/0	0/0	0/0	0/0	0/0	154/54	
F5OIH	24,012	175	46	SOULP-10	9.1	0/0	0/0	0/0	0/0	0/0	175/46	
Greece												
SV8OVJ	154,602	425	126	SOLP	17.4	0/0	32/13	235/38	83/28	42/24	33/23	
SV1IU	94,050	287	114	SOLP	22.1	0/0	0/0	58/27	63/24	81/32	85/31	

SV1XG	38,982	184	73	SOLP	20.2	0/0	2/2	59/24	39/16	9/8	75/23	
SV1CEI	35,796	159	76	SOLP	11.2	0/0	0/0	49/26	8/6	78/32	24/12	
SV1RUX	35,397	174	69	SOLP	11.7	0/0	0/0	0/0	7/5	39/25	128/39	
SV8DJW	30,090	175	59	SOHP	11.0	0/0	0/0	0/0	8/4	102/34	65/21	
SV1SXV	21,240	137	60	SOLP	16.2	0/0	7/6	68/25	38/13	17/11	7/5	
SV8CRL	18,117	101	61	SOLP	10.5	0/0	0/0	23/17	60/27	6/5	12/12	
SV1JFL	1,650	29	22	SOLP	2.7	0/0	0/0	4/4	3/3	16/9	6/6	
SV1BJW	376,425	722	175	SOULP	20.2	0/0	19/13	103/36	228/44	201/42	171/40	
SV2AEL	305,721	616	169	SOULP	21.6	0/0	0/0	96/37	104/37	228/48	188/47	
SV1AZL	191,196	467	141	SOUHP	22.4	0/0	0/0	105/25	108/36	123/40	131/40	
SV1DAY	74,226	178	139	SOUHP	10.2	0/0	0/0	45/33	44/30	42/32	47/44	
SV1ABB	23,985	129	65	SOUHP	8.2	0/0	3/3	31/15	45/21	50/26	0/0	
SV8BHN	351	14	9	SOUHP-160	1.8	14/9	0/0	0/0	0/0	0/0	0/0	
J42L (SV2DSJ, op)	55,008	390	48	SOLP-40	6.0	0/0	0/0	390/48	0/0	0/0	0/0	
SV1ME	77,064	503	52	SOLP-20	9.4	0/0	0/0	0/0	503/52	0/0	0/0	
SV2DSJ	19,920	174	40	SOLP-20	2.0	0/0	0/0	0/0	174/40	0/0	0/0	
SV2EVS (SXØWRTC, op)	14,934	137	38	SOULP-15	7.5	0/0	0/0	0/0	0/0	137/38	0/0	
SV1MO	624	16	13	SOUHP-15	1.4	0/0	0/0	0/0	0/0	16/13	0/0	
SV2HXX	31,812	251	44	SOUHP-10	5.9	0/0	0/0	0/0	0/0	0/0	251/44	
SV2CLJ	5,040	71	24	SOULP-10	5.9	0/0	0/0	0/0	0/0	0/0	71/24	
SV1DPI	4,788	42	38	SOUHP-10	1.2	0/0	0/0	0/0	0/0	0/0	42/38	
SV2BBK	3	1	1	SOULP-10	0.0	0/0	0/0	0/0	0/0	0/0	1/1	
Guernsey												
GUØUVH	8,064	64	42	SOLP	5.9	0/0	0/0	8/7	19/13	24/14	13/8	
GU4CHY	84,111	535	53	SOHP-15	7.9	0/0	0/0	0/0	0/0	535/53	0/0	
MUØFAL	42,930	273	53	SOLP-10	9.3	0/0	0/0	0/0	0/0	0/0	273/53	
MU5E (GU4YOX, op)	210,960	1,182	60	SOUHP-10	15.7	0/0	0/0	0/0	0/0	0/0	1,182/60	
Hungary												
HA7UI	516,555	902	195	SOLP	22.4	0/0	115/27	263/47	179/37	151/42	194/42	
HA5UX	371,628	690	186	SOHP	21.6	4/4	89/26	134/40	152/37	169/41	142/38	
HA2EOU	198,468	451	148	SOLP	17.7	0/0	20/11	70/34	62/26	140/37	159/40	
HAØMK	103,986	319	109	SOLP	16.2	0/0	5/3	68/21	40/15	85/34	121/36	
HA1TV	99,792	312	108	SOLP	19.8	0/0	12/9	103/30	8/7	75/29	114/33	
HA5BA	37,209	158	79	SOQRP	7.3	0/0	4/4	37/20	17/11	38/19	62/25	
HA5UA	35,088	179	68	SOHP	6.4	0/0	0/0	0/0	67/22	50/19	62/27	
HA1VQ	34,200	158	76	SOLP	9.5	0/0	0/0	33/15	46/23	40/18	39/20	
HA8WZ	27,648	146	64	SOHP	4.4	0/0	1/1	80/25	29/16	24/14	12/8	
HA7PL	26,226	144	62	SOLP	6.1	0/0	0/0	0/0	40/16	87/33	17/13	
HA8LNA	13,572	84	58	SOLP	9.9	0/0	21/12	11/9	20/13	13/10	19/14	
HG7J	3,876	40	34	SOQRP	1.6	0/0	0/0	4/4	10/8	13/10	13/12	
HG5D (HA8QZ, op)	1,748,790	2,185	270	SOUHP	33.3	35/15	193/37	652/54	297/50	509/56	499/58	
HA8VV (DH8VV, op)	724,098	1,062	229	SOUHP	17.3	8/7	41/21	143/43	243/46	322/56	305/56	
HG6O (HA6OA, op)	508,668	886	194	SOUHP	12.0	0/0	15/11	40/31	211/48	394/54	226/50	
HA7MF	486,948	889	187	SOULP	31.4	2/2	87/24	218/38	133/35	194/44	255/44	

HA2NA	343,440	724	159	SOUHP	9.4	0/0	0/0	8/7	83/44	266/56	367/52	
HA6NL	279,522	592	159	SOULP	23.3	0/0	35/15	220/45	40/19	151/41	146/39	
HA5OM	253,935	521	165	SOUHP	17.6	0/0	34/17	99/29	78/33	120/39	190/47	
HA8WY	210,975	486	145	SOULP	15.6	1/1	67/20	136/30	102/30	129/39	51/25	
HA3MG	141,207	395	121	SOULP	25.3	0/0	0/0	91/26	69/21	103/38	132/36	
HA5BMS	139,680	397	120	SOULP	11.7	0/0	19/11	85/22	49/17	146/39	98/31	
HA6ON	120,375	378	107	SOULP	9.2	0/0	35/13	193/33	60/21	90/40	0/0	
HA3HX	109,593	303	123	SOULP	12.7	0/0	21/12	37/19	23/14	115/39	107/39	
HA2UF	99,099	279	121	SOUHP	8.7	0/0	13/9	57/20	56/22	105/41	48/29	
HA3IC	95,598	289	113	SOUHP	10.9	0/0	16/10	74/23	65/25	88/35	46/20	
HA5OO	91,350	296	105	SOULP	12.1	0/0	10/9	73/23	52/19	15/11	146/43	
HA8RD	90,450	233	134	SOUHP	10.0	0/0	19/8	59/27	56/26	61/39	38/34	
HA1AS	57,885	230	85	SOUHP	14.4	0/0	0/0	21/10	94/22	57/24	58/29	
HA5VJ	51,408	173	102	SOULP	6.2	0/0	0/0	42/25	14/12	82/40	35/25	
HA6NN	43,344	186	84	SOULP	9.5	0/0	0/0	60/22	23/15	54/27	49/20	
HG8W (HA8ZO, op)	42,579	182	83	SOULP	9.0	0/0	7/5	79/23	33/16	28/20	35/19	
HA3JO	31,734	131	82	SOUHP	7.8	0/0	0/0	23/15	24/18	43/25	41/24	
HG5O (HA5OB, op)	30,720	161	64	SOUQRP	7.0	0/0	1/1	48/15	46/15	21/13	45/20	
HA8V	20,655	138	51	SOUHP	7.6	0/0	0/0	0/0	88/23	0/0	50/28	
HA5MIG	20,355	122	59	SOULP	7.4	0/0	0/0	5/4	42/15	38/19	37/21	
HA3MAR	17,169	100	59	SOULP	6.0	0/0	0/0	0/0	26/16	41/22	33/21	
HA1ZN	6,039	64	33	SOULP	1.8	0/0	0/0	0/0	29/15	27/12	8/6	
HA1TJ	84,042	615	46	SOUHP-80	14.1	0/0	615/46	0/0	0/0	0/0	0/0	
HA8MD	59,265	448	45	SOHP-40	13.8	0/0	0/0	448/45	0/0	0/0	0/0	
HA9RP	25,872	201	44	SOLP-40	9.2	0/0	0/0	201/44	0/0	0/0	0/0	
HA2MV	3,477	61	19	SOLP-40	2.1	0/0	0/0	61/19	0/0	0/0	0/0	
HA3GC	1,377	28	17	SOLP-40	3.4	0/0	0/0	28/17	0/0	0/0	0/0	
HA8FD	126	7	6	SOLP-40	0.3	0/0	0/0	7/6	0/0	0/0	0/0	
HA7RY	175,914	1,026	58	SOUHP-40	16.4	0/0	0/0	1,026/58	0/0	0/0	0/0	
HA7A	147,504	923	56	SOUHP-40	17.3	0/0	0/0	923/56	0/0	0/0	0/0	
HA8LCA	109,188	689	54	SOULP-40	16.2	0/0	0/0	689/54	0/0	0/0	0/0	
HA8TP	15,435	148	35	SOUHP-40	13.8	0/0	0/0	148/35	0/0	0/0	0/0	
HG8K	11,328	119	32	SOUHP-40	2.7	0/0	0/0	119/32	0/0	0/0	0/0	
HA7SG/P	216	10	8	SOQRP-20	1.3	0/0	0/0	0/0	10/8	0/0	0/0	
HGØY (HA7GN, op)	211,515	1,202	59	SOUHP-20	36.0	0/0	0/0	0/0	1,202/59	0/0	0/0	
HA1AH	199,836	1,101	61	SOUHP-20	34.6	0/0	0/0	0/0	1,101/61	0/0	0/0	
HG4I	63,072	454	48	SOUHP-20	9.7	0/0	0/0	0/0	454/48	0/0	0/0	
HA8IB	39,732	312	43	SOUHP-20	5.7	0/0	0/0	0/0	312/43	0/0	0/0	
HA9MDN	5,664	59	32	SOLP-15	5.1	0/0	0/0	0/0	0/0	59/32	0/0	
HA5JI	243,198	1,379	59	SOUHP-15	19.0	0/0	0/0	0/0	0/0	1,379/59	0/0	
HG1S (HA1DAE, op)	143,901	828	59	SOUHP-15	19.0	0/0	0/0	0/0	0/0	828/59	0/0	
HA5GF	45,150	307	50	SOULP-15	14.7	0/0	0/0	0/0	0/0	307/50	0/0	
HA8TKS	37,506	268	47	SOULP-15	11.3	0/0	0/0	0/0	0/0	268/47	0/0	
HA9TA	26,832	213	43	SOULP-15	13.2	0/0	0/0	0/0	0/0	213/43	0/0	

HA9AX	22,908	171	46	SOULP-15	3.9	0/0	0/0	0/0	0/0	171/46	0/0	
HA8DU	122,322	713	58	SOHP-10	13.3	0/0	0/0	0/0	0/0	0/0	713/58	
HA8IH	8,856	87	36	SOLP-10	4.5	0/0	0/0	0/0	0/0	0/0	87/36	
HA7PO	5,538	73	26	SOLP-10	2.1	0/0	0/0	0/0	0/0	0/0	73/26	
HG3R (HA3NU, op)	279,000	1,567	60	SOUHP-10	16.3	0/0	0/0	0/0	0/0	0/0	1,567/60	
HG2DX	191,340	1,077	60	SOUHP-10	14.3	0/0	0/0	0/0	0/0	0/0	1,077/60	
HA8FK	175,500	980	60	SOUHP-10	14.2	0/0	0/0	0/0	0/0	0/0	980/60	
HA5PP	134,100	754	60	SOUHP-10	13.5	0/0	0/0	0/0	0/0	0/0	754/60	
HA8M (HA8FM, op)	60,840	396	52	SOUHP-10	5.5	0/0	0/0	0/0	0/0	0/0	396/52	
HA2KMR	59,748	389	52	SOUHP-10	4.9	0/0	0/0	0/0	0/0	0/0	389/52	
HA2E	3,816	54	24	SOUQRP-10	1.9	0/0	0/0	0/0	0/0	0/0	54/24	
Iceland												
TF3DC	174,528	407	144	SOULP	13.3	0/0	5/4	80/27	113/38	123/40	86/35	
TF3SG	149,814	873	58	SOHP-10	32.0	0/0	0/0	0/0	0/0	0/0	873/58	
Ireland												
EI7M (GD4XUM, op)	3,994,560	4,421	304	SOHP	35.2	73/25	369/45	896/58	996/58	1,023/58	1,064/60	
EI1E (EI5KF, op)	2,556,420	3,164	274	SOHP	28.7	66/17	238/34	696/55	535/54	716/56	913/58	
EI4II	272,160	579	160	SOLP	14.4	0/0	9/6	71/28	203/44	140/41	156/41	
EI8GP	73,575	228	109	SOLP	7.3	0/0	9/9	51/19	59/25	50/27	59/29	
EI4KX	16,836	94	61	SOLP	8.2	0/0	4/4	19/10	26/18	23/14	22/15	
EI2KU	1,140	21	19	SOLP	1.9	0/0	0/0	4/4	3/3	7/5	7/7	
EI2GLB	25,920	122	72	SOUHP	5.5	0/0	18/11	0/0	47/25	10/7	47/29	
EI8KW	2,304	32	24	SOULP	1.4	0/0	0/0	20/12	3/3	2/2	7/7	
EI3CTB	168	8	7	SOULP-40	0.7	0/0	0/0	8/7	0/0	0/0	0/0	
EI6JK	51,516	324	54	SOUHP-10	8.1	0/0	0/0	0/0	0/0	0/0	324/54	
Isle of Man												
MD2C	817,938	1,690	162	SOHP	13.0	0/0	0/0	0/0	497/52	499/52	694/58	
GD4EIP	16,182	94	62	SOULP	5.1	0/0	0/0	4/4	31/21	29/17	30/20	
GD5F (GD4RFZ, op)	22,680	218	35	SOLP-20	17.0	0/0	0/0	0/0	218/35	0/0	0/0	
Italy												
IKØIXI	310,464	682	154	SOHP	13.1	0/0	0/0	307/46	80/32	114/37	181/39	
IK3UNA	262,908	670	134	SOHP	4.9	0/0	0/0	0/0	313/51	44/28	313/55	
IK2AHB	247,983	632	131	SOHP	10.6	0/0	0/0	0/0	231/43	118/36	283/52	
IUØHMB	234,558	516	157	SOLP	10.6	0/0	0/0	77/34	140/39	142/42	157/42	
IC8/UR8QX	222,351	557	137	SOLP	26.2	0/0	21/12	260/44	172/33	68/30	36/18	
IQ3GA/3	208,656	485	144	SOHP	9.6	0/0	0/0	216/35	53/27	93/36	123/46	
IZ2OOS	115,254	343	114	SOLP	24.0	0/0	0/0	27/13	91/29	102/32	123/40	
IK7NXU	90,321	257	119	SOHP	11.1	0/0	0/0	17/15	78/33	85/38	77/33	
IK3ZBM	90,072	283	108	SOLP	14.2	0/0	0/0	33/17	53/23	116/37	81/31	
IK2SAR	82,944	270	108	SOHP	15.2	0/0	3/3	41/21	69/26	53/27	104/31	
IK4RVY	61,512	252	88	SOLP	11.7	0/0	0/0	0/0	67/27	157/43	28/18	
IZ5AHB	51,084	200	86	SOLP	13.7	0/0	0/0	69/26	20/11	63/25	48/24	
IK2SGB	48,042	158	102	SOLP	7.6	0/0	0/0	22/18	32/19	27/24	77/41	
IKØISD	47,628	201	81	SOLP	9.1	0/0	0/0	35/13	50/20	71/28	45/20	

IV3DRP	44,775	200	75	SOQRP	14.5	0/0	0/0	0/0	69/23	39/18	92/34	
IZ4OSH	39,672	193	76	SOLP	8.0	0/0	0/0	88/26	32/14	54/27	19/9	
I5YKQ	33,048	164	68	SOLP	11.3	0/0	0/0	50/22	48/17	17/12	49/17	
IK1BPL	31,968	158	74	SOLP	9.1	0/0	0/0	61/20	56/23	16/13	25/18	
I2TFJ	29,337	133	77	SOLP	9.9	0/0	0/0	7/6	72/27	36/31	18/13	
IK5BDG	26,352	129	72	SOLP	7.0	0/0	0/0	15/13	45/20	21/15	48/24	
IU3OAR	23,760	91	88	SOLP	4.0	0/0	0/0	11/11	17/17	31/30	32/30	
IK1RAG	23,616	126	64	SOLP	4.2	0/0	0/0	0/0	36/20	45/21	45/23	
IK8ARF	18,480	114	56	SOLP	8.5	0/0	0/0	0/0	40/17	14/10	60/29	
IZØCKJ	18,432	97	64	SOHP	7.7	0/0	0/0	49/30	19/13	0/0	29/21	
I4IKW	17,523	99	59	SOLP	2.6	2/2	4/4	83/43	5/5	0/0	5/5	
IK2A00	17,280	130	45	SOLP	6.0	0/0	6/5	81/22	43/18	0/0	0/0	
IT9ODQ	16,968	114	56	SOHP	12.9	0/0	0/0	14/13	7/5	41/17	52/21	
IZ6BXQ	16,362	101	54	SOLP	5.3	0/0	0/0	0/0	29/14	24/19	48/21	
IZ1PLH	15,732	95	57	SOLP	6.3	0/0	7/5	49/28	35/21	4/3	0/0	
IZ5RAQ	14,151	94	53	SOLP	5.3	0/0	0/0	0/0	18/13	61/28	15/12	
IZ5BBS	12,546	87	51	SOLP	8.5	0/0	0/0	23/17	10/8	54/26	0/0	
IU6FUB	12,420	84	60	SOLP	10.5	0/0	0/0	5/5	35/22	19/16	25/17	
I6FDJ	11,628	83	51	SOLP	5.6	0/0	6/6	37/19	6/4	30/18	4/4	
IK2IKW	11,280	80	47	SOLP	5.5	0/0	0/0	9/8	18/11	45/22	8/6	
IK1HZZ	11,100	78	50	SOLP	9.9	0/0	0/0	13/12	28/16	12/7	25/15	
IZ5HQB	9,576	80	42	SOLP	5.7	0/0	0/0	0/0	7/4	22/12	51/26	
IU8MOA	8,127	66	43	SOLP	3.7	0/0	0/0	19/12	1/1	28/18	18/12	
IZ7XIB	7,380	61	41	SOLP	3.1	0/0	0/0	0/0	7/6	54/35	0/0	
IC8FBU	7,326	70	37	SOLP	4.0	0/0	0/0	19/12	0/0	2/2	49/23	
IN3MNS	7,011	58	41	SOLP	2.1	0/0	5/5	43/26	10/10	0/0	0/0	
IZ6BTN	7,011	62	41	SOLP	4.5	0/0	0/0	0/0	13/10	27/16	22/15	
IKØPXD	6,771	64	37	SOLP	6.1	0/0	0/0	0/0	20/11	5/5	39/21	
I5OVS	6,630	67	34	SOLP	8.9	0/0	0/0	15/7	37/15	0/0	15/12	
IT9VJO	6,324	62	34	SOLP	3.3	0/0	0/0	0/0	9/6	21/13	32/15	
I2BPP	6,156	58	36	SOQRP	5.3	0/0	0/0	2/2	20/12	25/13	11/9	
IZ2ABZ	5,883	56	37	SOLP	5.1	0/0	0/0	3/3	24/15	4/4	25/15	
IK2AUK	5,472	51	38	SOLP	3.9	0/0	11/7	15/12	1/1	16/10	8/8	
IK2UJF	4,830	48	35	SOLP	2.9	0/0	0/0	1/1	6/6	10/7	31/21	
IU6AIG	4,560	45	38	SOLP	3.4	0/0	0/0	12/10	8/8	9/8	16/12	
IK2NUX	3,720	40	31	SOLP	2.8	0/0	0/0	0/0	4/4	19/13	17/14	
IU2LWL	3,444	44	28	SOLP	4.3	0/0	0/0	0/0	26/15	18/13	0/0	
IZ3GFZ	1,638	27	21	SOHP	0.8	0/0	0/0	0/0	7/6	20/15	0/0	
IZ3ARV	1,518	24	22	SOLP	2.6	0/0	0/0	5/5	5/5	7/6	7/6	
IU3LQY	75	5	5	SOLP	0.5	0/0	0/0	0/0	0/0	3/3	2/2	
IR2Q (IK2PFL, op)	4,478,091	4,834	313	SOUHP	41.3	102/29	496/47	1,001/58	1,071/60	1,202/59	962/60	
I2IFT	1,314,000	1,774	250	SOUHP	38.7	0/0	136/36	740/55	230/50	332/55	336/54	
IK1PMR	1,264,824	1,599	264	SOUHP	28.0	38/17	148/38	294/50	460/53	343/51	316/55	
II8K	1,173,270	1,616	259	SOUHP	24.5	18/10	95/33	305/53	455/51	389/55	354/57	

I2SVA	1,143,786	1,622	241	SOUHP	28.7	4/4	100/27	263/47	323/49	396/56	536/58	
IK3ORD	1,141,455	1,577	245	SOUHP	30.0	2/2	104/32	525/53	198/46	318/55	430/57	
I13O	874,620	1,417	215	SOUHP	31.4	0/0	122/23	400/49	264/45	207/49	424/49	
IK4DCX	704,520	1,166	206	SOUHP	20.7	0/0	13/7	219/38	382/53	318/54	234/54	
4U9A (9A3A, op)	607,620	1,002	205	SOUHP	17.6	1/1	67/21	231/41	241/44	166/49	296/49	
I2WIJ	557,658	904	207	SOUHP	19.4	2/2	47/17	287/38	170/44	136/49	262/57	
IT9QGH	480,777	875	187	SOUHP	22.7	0/0	28/13	226/40	262/46	225/45	134/43	
IK3SCB	463,200	819	193	SOUHP	17.5	0/0	0/0	47/30	223/49	379/60	170/54	
IZ3KKE	452,214	782	194	SOULP	37.9	0/0	37/21	188/43	174/39	177/43	206/48	
I13R (IK3QAR, op)	450,360	1,121	135	SOUHP	9.6	0/0	0/0	0/0	37/21	496/58	588/56	
I3FIY	440,916	737	203	SOUHP	15.3	0/0	6/6	70/35	195/47	215/56	251/59	
I4VEQ	424,944	918	156	SOULP	12.3	0/0	0/0	272/39	109/28	386/48	151/41	
IT9ESW	395,136	598	224	SOUHP	16.4	3/3	43/22	123/43	165/47	136/53	128/56	
IKØXBX	387,105	659	197	SOUHP	14.3	1/1	21/16	111/30	189/46	195/54	142/50	
I1NVU	338,184	625	183	SOUHP	14.2	0/0	0/0	98/31	210/44	154/52	163/56	
IT9RZU	313,449	647	163	SOUHP	25.0	0/0	49/26	308/45	51/22	68/25	171/45	
IZ3NYG	297,360	600	168	SOUHP	10.8	0/0	27/11	209/42	96/36	72/28	196/51	
IKØFUX	268,128	532	168	SOUHP	11.6	0/0	18/10	89/39	90/30	133/41	202/48	
I2VXJ	266,700	651	140	SOUHP	8.2	0/0	0/0	29/15	250/44	55/27	317/54	
I3FDZ	254,040	589	146	SOUHP	11.2	0/0	0/0	0/0	134/39	130/48	325/59	
I18M (IZ8EYP, op)	247,608	580	152	SOUHP	14.4	0/0	51/19	121/30	80/29	137/34	191/40	
IO3F	244,296	526	156	SOUHP	6.4	0/0	15/11	59/28	100/30	235/48	117/39	
IK2TDM	241,695	400	205	SOUHP	10.5	0/0	20/19	80/39	49/40	64/50	187/57	
IZ8IEV	227,874	475	163	SOULP	19.7	0/0	9/8	60/22	125/39	102/43	179/51	
IW3FVZ	187,875	503	125	SOUHP	9.1	0/0	10/8	150/32	12/9	26/18	305/58	
I3VJW	186,300	270	230	SOUHP	10.9	2/2	29/21	65/45	58/54	58/54	58/54	
IW2FUT	184,428	437	141	SOULP	13.3	0/0	12/10	62/25	111/33	130/37	122/36	
IZ3XEF	170,520	399	145	SOUHP	15.2	0/0	0/0	55/31	71/31	135/43	138/40	
IK6QON	148,200	487	104	SOUHP	5.6	0/0	0/0	0/0	21/16	145/38	321/50	
IK1AYT	115,560	325	120	SOULP	14.9	0/0	13/9	83/28	26/14	73/31	130/38	
IR2X (IK2WAD, op)	111,756	294	134	SOULP	8.7	0/0	0/0	63/35	44/22	77/35	110/42	
IK2GZU	110,148	277	134	SOUHP	12.6	0/0	3/3	94/29	21/19	116/42	43/41	
IQ2DN (IZ2DII, op)	105,894	336	106	SOUHP	4.1	0/0	0/0	0/0	35/20	143/42	158/44	
IUØITX	103,155	301	115	SOULP	19.8	0/0	13/10	65/23	86/25	69/26	68/31	
IR6D	102,870	262	135	SOULP	12.5	0/0	0/0	38/20	49/30	121/46	54/39	
IZ1DXS	102,555	281	129	SOULP	10.9	0/0	5/4	74/35	60/22	97/38	45/30	
IU1JCZ	85,608	251	116	SOUHP	7.9	0/0	10/8	75/35	104/36	62/37	0/0	
IK2LFF	77,280	190	140	SOUHP	7.0	0/0	3/3	49/23	42/30	50/43	46/41	
IZ2GMT	73,140	267	92	SOULP	13.4	0/0	0/0	48/18	78/31	141/43	0/0	
IZ8GCB	69,342	261	91	SOUHP	3.2	0/0	0/0	5/4	113/45	143/42	0/0	
IØGOJ	55,800	202	93	SOULP	10.2	0/0	6/5	56/24	33/16	50/20	57/28	
IN3HUU	53,922	213	86	SOULP	11.2	0/0	0/0	61/25	68/22	59/25	25/14	
IZ2DLV	51,516	160	108	SOUHP	3.2	0/0	0/0	18/18	13/9	91/47	38/34	
IU3MIK	49,704	157	109	SOUQRP	9.2	0/0	0/0	0/0	54/28	53/42	50/39	

IW3ILM	39,672	177	76	SOUQRP	16.6	0/0	0/0	51/19	30/17	82/30	14/10	
IU2ECB	38,052	162	84	SOUHP	13.4	0/0	0/0	26/18	45/16	46/26	45/24	
IZ1PMC	37,557	124	107	SOUHP	8.3	0/0	0/0	0/0	32/30	38/35	54/42	
IK8UIF	37,422	168	77	SOUHP	9.9	0/0	0/0	31/19	51/24	85/33	1/1	
IK3DVY	37,170	191	70	SOUHP	9.3	0/0	0/0	153/40	25/19	13/11	0/0	
IT9SSI	33,048	138	81	SOUHP	4.6	0/0	0/0	0/0	45/22	62/34	31/25	
IU4FKR	33,048	145	81	SOUHP	9.4	0/0	0/0	70/29	46/27	0/0	29/25	
IK3TCK	32,490	114	95	SOULP	7.5	0/0	0/0	2/1	32/24	38/34	42/36	
IUØPJS	30,615	159	65	SOULP	8.1	0/0	0/0	6/5	4/4	72/26	77/30	
IT9RJE	29,520	138	82	SOULP	6.5	0/0	0/0	18/15	44/17	50/31	26/19	
IT9DKI	28,182	125	77	SOUHP	9.7	0/0	4/3	60/30	27/16	15/13	19/15	
IV3KKW	28,044	118	82	SOULP	6.7	0/0	3/3	51/24	33/27	31/28	0/0	
IK2SAU	27,900	101	93	SOULP	5.5	0/0	0/0	0/0	33/32	21/20	47/41	
IU2JWF	24,642	112	74	SOULP	6.9	0/0	0/0	13/9	22/12	27/15	50/38	
IT9PPG	21,054	123	58	SOULP	7.1	0/0	0/0	0/0	26/13	35/16	62/29	
IZ5EME	20,250	91	75	SOUHP	3.1	0/0	0/0	5/5	0/0	48/35	38/35	
IT9LKX	17,472	106	56	SOUHP	4.2	0/0	0/0	12/9	2/2	30/16	62/29	
IKØALT	17,100	79	76	SOULP	10.0	0/0	5/5	20/20	30/28	23/22	1/1	
IV3YNB	15,900	100	53	SOULP	7.7	0/0	0/0	44/16	7/7	34/18	15/12	
IK1BXN	14,904	96	54	SOULP	5.7	0/0	0/0	0/0	35/17	53/31	8/6	
IW2EVH	12,150	90	45	SOUHP	5.6	0/0	0/0	0/0	0/0	0/0	90/45	
IZ3QFG	10,653	69	53	SOULP	3.8	0/0	0/0	26/16	0/0	17/13	26/24	
IW5CWC	9,555	65	49	SOULP	4.9	0/0	0/0	3/3	31/21	15/13	16/12	
IK2RLS	8,742	64	47	SOULP	2.7	0/0	0/0	0/0	3/3	18/16	43/28	
IN3GYK	7,326	68	37	SOULP	8.9	0/0	0/0	27/13	29/15	12/9	0/0	
IU5HES	5,616	48	39	SOULP	3.4	0/0	0/0	0/0	7/7	31/22	10/10	
IK4JQQ	5,046	59	29	SOULP	1.6	0/0	0/0	49/19	0/0	10/10	0/0	
IU3QEZ	3,024	39	28	SOULP	3.9	0/0	0/0	1/1	9/6	23/15	6/6	
IT9VDQ	2,856	34	28	SOUHP	2.1	0/0	0/0	0/0	17/12	6/5	11/11	
I2XYI	1,587	27	23	SOULP	3.4	0/0	0/0	9/8	1/1	8/7	9/7	
I3VFJ	1,584	24	22	SOULP	1.2	0/0	0/0	9/8	3/3	9/8	3/3	
IV3FPX	1,080	20	18	SOULP	1.0	0/0	0/0	3/3	9/8	8/7	0/0	
IK7UKF	36	4	3	SOULP	0.3	0/0	0/0	0/0	4/3	0/0	0/0	
IV3SKB	56,364	441	44	SOUHP-80	14.0	0/0	441/44	0/0	0/0	0/0	0/0	
IO3C	8,568	107	28	SOUHP-80	4.9	0/0	107/28	0/0	0/0	0/0	0/0	
IQ1DF (IK1HJS, op)	203,727	1,171	59	SOHP-40	21.8	0/0	0/0	1,171/59	0/0	0/0	0/0	
IV3EAD	27,960	233	40	SOLP-40	9.9	0/0	0/0	233/40	0/0	0/0	0/0	
IKØLNN	14,175	135	35	SOUHP-40	4.2	0/0	0/0	135/35	0/0	0/0	0/0	
I7CSB	5,304	70	26	SOUHP-40	2.9	0/0	0/0	70/26	0/0	0/0	0/0	
IZ4BOY	3,600	51	24	SOULP-40	1.4	0/0	0/0	51/24	0/0	0/0	0/0	
IO3M (IU3PMA, op)	24,510	197	43	SOHP-20	9.0	0/0	0/0	0/0	197/43	0/0	0/0	
II2M (IK2UEX, op)	24,282	220	38	SOLP-20	11.0	0/0	0/0	0/0	220/38	0/0	0/0	
IZ4DZD	720	20	12	SOHP-20	1.4	0/0	0/0	0/0	20/12	0/0	0/0	
I2JIN	390	13	10	SOLP-20	0.9	0/0	0/0	0/0	13/10	0/0	0/0	

IZ8XXE	47,550	323	50	SOUHP-20	7.8	0/0	0/0	0/0	323/50	0/0	0/0	
IK5OJB	14,040	136	36	SOULP-20	9.4	0/0	0/0	0/0	136/36	0/0	0/0	
IZ5IOV	11,040	116	32	SOULP-20	3.1	0/0	0/0	0/0	116/32	0/0	0/0	
IZ8QPA	3,696	46	28	SOHP-15	1.7	0/0	0/0	0/0	0/0	46/28	0/0	
IW2JPB	768	17	16	SOLP-15	0.8	0/0	0/0	0/0	0/0	17/16	0/0	
IU2JFG	693	23	11	SOHP-15	2.8	0/0	0/0	0/0	0/0	23/11	0/0	
IUØJZI	330	12	10	SOLP-15	1.6	0/0	0/0	0/0	0/0	12/10	0/0	
I3YPD	168	8	7	SOLP-15	0.8	0/0	0/0	0/0	0/0	8/7	0/0	
IK6PTH	85,512	511	56	SOULP-15	17.4	0/0	0/0	0/0	0/0	511/56	0/0	
IO3X (IV3JCC, op)	82,152	495	56	SOULP-15	15.2	0/0	0/0	0/0	0/0	495/56	0/0	
IR4E (IK4ZHH, op)	69,426	404	58	SOUHP-15	4.8	0/0	0/0	0/0	0/0	404/58	0/0	
IR9K (IT9WDC, op)	67,098	432	53	SOUHP-15	11.0	0/0	0/0	0/0	0/0	432/53	0/0	
IZ8DVD	55,158	324	58	SOUHP-15	6.3	0/0	0/0	0/0	0/0	324/58	0/0	
IO9J	39,474	272	51	SOUHP-15	11.6	0/0	0/0	0/0	0/0	272/51	0/0	
IT9ATF	29,700	226	44	SOULP-15	9.1	0/0	0/0	0/0	0/0	226/44	0/0	
IZ1PKV	18,630	150	45	SOULP-15	7.9	0/0	0/0	0/0	0/0	150/45	0/0	
IZ8BGY	12,198	113	38	SOULP-15	7.0	0/0	0/0	0/0	0/0	113/38	0/0	
IK2ANI	6,954	61	38	SOUHP-15	1.0	0/0	0/0	0/0	0/0	61/38	0/0	
IZ2QKG	456	19	8	SOUQRP-15	2.8	0/0	0/0	0/0	0/0	19/8	0/0	
IR4Q (IU4MRU, op)	36,348	235	52	SOLP-10	7.5	0/0	0/0	0/0	0/0	0/0	235/52	
IK1YRA	28,860	186	52	SOLP-10	5.0	0/0	0/0	0/0	0/0	0/0	186/52	
IV3UHL	17,442	154	38	SOHP-10	2.0	0/0	0/0	0/0	0/0	0/0	154/38	
IK2WXQ	17,292	136	44	SOLP-10	9.5	0/0	0/0	0/0	0/0	0/0	136/44	
IZ5FDD	16,560	143	40	SOLP-10	5.5	0/0	0/0	0/0	0/0	0/0	143/40	
IK4VYX	5,265	65	27	SOHP-10	0.6	0/0	0/0	0/0	0/0	0/0	65/27	
IKØOKY	4,536	57	27	SOLP-10	3.6	0/0	0/0	0/0	0/0	0/0	57/27	
IK2AIT	1,080	27	15	SOLP-10	2.6	0/0	0/0	0/0	0/0	0/0	27/15	
I11R (IW1CBG, op)	45	6	5	SOLP-10	1.1	0/0	0/0	0/0	0/0	0/0	6/5	
IB9A (IT9RBW, op)	171,360	970	60	SOUHP-10	13.3	0/0	0/0	0/0	0/0	0/0	970/60	
IZ5EKV	105,120	593	60	SOUHP-10	8.1	0/0	0/0	0/0	0/0	0/0	593/60	
IR4B (IK4AUY, op)	77,805	467	57	SOUHP-10	10.0	0/0	0/0	0/0	0/0	0/0	467/57	
IKØYVV	64,800	454	48	SOUHP-10	9.0	0/0	0/0	0/0	0/0	0/0	454/48	
IT9CHU	56,088	333	57	SOULP-10	7.9	0/0	0/0	0/0	0/0	0/0	333/57	
IU4CHE	32,277	211	53	SOUHP-10	6.9	0/0	0/0	0/0	0/0	0/0	211/53	
IZ2FME	24,975	189	45	SOULP-10	3.0	0/0	0/0	0/0	0/0	0/0	189/45	
IK2YGZ	15,576	139	44	SOULP-10	8.6	0/0	0/0	0/0	0/0	0/0	139/44	
IO3A (IV3HAX, op)	14,250	128	38	SOULP-10	6.2	0/0	0/0	0/0	0/0	0/0	128/38	
IT9IVU	6,972	84	28	SOULP-10	6.5	0/0	0/0	0/0	0/0	0/0	84/28	
IZ2BHQ	12	2	2	SOULP-10	0.0	0/0	0/0	0/0	0/0	0/0	2/2	
Jersey												
GJ2A (MJØASP, op)	108,927	640	57	SOLP-15	17.8	0/0	0/0	0/0	0/0	640/57	0/0	
Kaliningrad												
RN2FQ	4,785	56	29	SOLP	3.9	0/0	0/0	31/14	0/0	25/15	0/0	
UA2FZ	1,095,687	1,518	243	SOUHP	15.0	35/15	53/22	171/42	191/48	390/56	678/60	

LX1ER	33,396	122	92	SOUHP	4.3	0/0	8/6	19/16	14/10	28/16	53/44	
LX1NO	14,274	124	39	SOUHP-40	2.8	0/0	0/0	124/39	0/0	0/0	0/0	
Macedonia												
Z35U	90,024	357	88	SOLP	13.1	0/0	0/0	265/39	4/4	56/28	32/17	
Z33F	49,410	186	90	SOLP	8.5	0/0	39/16	55/25	20/13	49/21	23/15	
Z35W	3,132	36	29	SOLP	2.0	0/0	0/0	13/12	7/6	16/11	0/0	
Z33B	2,838	44	22	SOHP	1.9	0/0	0/0	0/0	10/7	34/15	0/0	
Z32ZZZ	2,730	35	26	SOLP	4.3	0/0	0/0	13/9	13/10	9/7	0/0	
Z36W	532,752	1,021	176	SOULP	23.2	0/0	1/1	194/31	267/43	283/50	276/51	
Z32U	8,316	66	42	SOULP	3.5	0/0	0/0	0/0	10/8	19/14	37/20	
Z35Y	14,940	172	30	SOHP-40	5.4	0/0	0/0	172/30	0/0	0/0	0/0	
Z39A	1,932	28	23	SOUHP-40	0.9	0/0	0/0	28/23	0/0	0/0	0/0	
Z35F	77,274	482	54	SOLP-15	12.8	0/0	0/0	0/0	0/0	482/54	0/0	
Z35T	151,512	866	59	SOHP-10	13.2	0/0	0/0	0/0	0/0	0/0	866/59	
Moldova												
ER/UT1ZZ	4,851	50	33	SOLP	6.6	0/0	0/0	11/9	1/1	28/16	10/7	
ER3DX	34,884	173	68	SOULP	5.6	0/0	0/0	5/4	41/21	119/37	8/6	
ER1KW	1,536	33	16	SOLP-10	4.5	0/0	0/0	0/0	0/0	0/0	33/16	
Montenegro												
4O3A (IK2EGL, op)	166,320	1,080	56	SOHP-20	24.7	0/0	0/0	0/0	1,080/56	0/0	0/0	
Netherlands												
PA4VHF	863,802	1,312	222	SOHP	26.3	22/13	72/26	176/42	295/41	369/51	378/49	
PA3ARM	230,205	522	149	SOLP	20.1	0/0	0/0	91/35	107/32	133/40	191/42	
PA2KW	221,517	504	151	SOHP	9.3	0/0	15/9	67/27	120/35	217/45	85/35	
PA3DBS	204,600	592	124	SOLP	9.8	0/0	0/0	34/21	25/15	248/44	285/44	
PAØTCA	86,751	246	119	SOLP	7.7	6/6	14/10	32/21	56/19	64/33	74/30	
PA2W	55,080	204	90	SOLP	9.0	0/0	0/0	45/17	36/19	71/31	52/23	
PAØMIR	49,392	199	84	SOLP	10.0	0/0	0/0	21/11	35/13	87/32	56/28	
PA3GCV	46,464	181	88	SOLP	5.5	0/0	6/5	31/16	27/16	40/17	77/34	
PAØRDT	37,668	188	73	SOQRP	10.3	0/0	0/0	2/1	56/18	35/21	95/33	
PA7HPH	26,718	151	61	SOLP	10.4	0/0	0/0	43/18	61/21	45/21	2/1	
PAØRBA	20,679	116	61	SOLP	5.0	0/0	28/12	21/11	26/16	41/22	0/0	
PA5GU	19,398	123	53	SOLP	6.7	0/0	0/0	0/0	4/3	32/16	87/34	
PA2PCH	19,260	108	60	SOLP	3.8	0/0	0/0	16/13	26/16	66/31	0/0	
PA3EWG	15,840	97	55	SOLP	5.4	0/0	9/7	40/20	16/11	30/15	2/2	
PAØZAV	14,940	86	60	SOQRP	5.8	0/0	2/2	12/8	12/11	18/15	42/24	
PA5FN	13,824	98	48	SOHP	4.0	0/0	25/13	18/14	55/21	0/0	0/0	
PG2W	10,125	88	45	SOHP	4.3	0/0	0/0	2/1	13/7	43/20	30/17	
PC4Y	7,980	71	38	SOLP	4.6	0/0	0/0	0/0	18/12	16/8	37/18	
PA3GUO	6,270	56	38	SOLP	3.5	0/0	0/0	1/1	7/6	25/18	23/13	
PD7CJT	5,859	63	31	SOLP	2.8	0/0	0/0	0/0	8/7	0/0	55/24	
PDØMBY	4,464	49	31	SOLP	3.8	0/0	0/0	0/0	12/11	0/0	37/20	
PA7KR	2,070	31	23	SOLP	2.4	0/0	0/0	13/10	0/0	15/10	3/3	
PA2VS	1,482	26	19	SOLP	1.3	0/0	0/0	0/0	0/0	10/9	16/10	

PAØPJE	960	33	10	SOLP	1.3	0/0	0/0	33/10	0/0	0/0	0/0	
PA2CHM	945	24	15	SOLP	1.3	0/0	0/0	0/0	0/0	21/12	3/3	
PA1EJO	612	18	12	SOLP	2.3	0/0	0/0	12/9	6/3	0/0	0/0	
PH3T	612	21	12	SOLP	1.2	0/0	0/0	0/0	21/12	0/0	0/0	
PA5KT	1,726,731	2,082	279	SOUHP	29.6	47/17	266/41	412/51	390/52	493/59	474/59	
PAØO	696,663	1,034	227	SOULP	20.6	5/5	42/19	238/42	249/52	258/52	242/57	
PA3AAV	676,236	1,047	218	SOUHP	17.2	9/7	54/24	167/42	115/32	298/55	404/58	
PC3T	664,815	963	235	SOULP	19.6	0/0	20/18	144/47	229/52	208/58	362/60	
PA3CWN	489,600	807	204	SOULP	20.1	1/1	13/10	206/43	175/48	237/51	175/51	
PA3EVY	455,400	780	200	SOULP	17.1	0/0	39/19	112/39	142/34	194/50	293/58	
PA4O	380,427	744	173	SOULP	11.2	0/0	0/0	41/16	201/50	288/54	214/53	
PAØGJV	372,996	809	156	SOUHP	15.2	0/0	0/0	38/20	150/36	168/46	453/54	
PF5X	323,466	644	169	SOUHP	12.2	0/0	0/0	89/24	149/41	139/52	267/52	
PC4H	297,093	596	167	SOUHP	11.7	0/0	57/20	103/36	115/29	149/43	172/39	
PA7LV	256,032	527	168	SOUHP	14.4	0/0	34/18	76/35	97/31	134/43	186/41	
PA2A	245,532	559	148	SOULP	10.3	0/0	0/0	90/23	111/34	172/45	186/46	
PA1H	226,848	555	139	SOUHP	14.6	0/0	0/0	56/22	127/30	149/40	223/47	
PC3M	203,940	536	132	SOUHP	8.5	0/0	0/0	0/0	154/38	180/45	202/49	
PA6AA (PB7Z, op)	202,950	453	150	SOUHP	8.1	0/0	0/0	27/13	89/34	172/51	165/52	
PA3GVI	202,500	463	150	SOULP	15.6	0/0	57/21	118/32	78/27	106/35	104/35	
PA4OES	188,067	454	139	SOUHP	12.4	0/0	0/0	40/18	116/31	166/48	132/42	
PA3EMN	177,354	505	118	SOULP	17.8	0/0	2/2	61/26	6/4	231/45	205/41	
PC8X	174,879	393	153	SOULP	23.0	5/5	21/13	73/30	116/35	105/35	73/35	
PA3BUD	173,346	352	167	SOULP	9.2	0/0	22/14	52/31	66/34	102/44	110/44	
PD1RP	169,632	468	124	SOULP	18.5	0/0	0/0	129/35	162/38	0/0	177/51	
PC4E	166,752	393	144	SOULP	18.3	0/0	9/7	78/26	155/39	61/33	90/39	
PC1PM	164,334	453	122	SOULP	13.8	0/0	0/0	52/18	84/25	129/36	188/43	
PA1BD	159,936	450	119	SOULP	15.0	0/0	0/0	0/0	105/33	173/42	172/44	
PE1RDP	142,296	320	154	SOUHP	14.5	0/0	13/11	53/28	82/33	81/38	91/44	
PA5N	140,760	413	115	SOUHP	7.5	0/0	0/0	7/7	54/26	228/45	124/37	
PA2TA	136,617	404	113	SOULP	9.4	0/0	0/0	0/0	55/24	110/38	239/51	
PG2AA	120,309	339	119	SOULP	11.7	0/0	0/0	5/4	71/30	120/42	143/43	
PC5D	115,188	342	116	SOULP	16.7	0/0	0/0	44/20	78/23	134/41	86/32	
PA3EZC	106,029	307	119	SOULP	10.3	0/0	0/0	4/4	98/32	93/39	112/44	
PE1EEC	105,651	274	129	SOULP	10.3	0/0	0/0	4/4	63/30	112/47	95/48	
PA9M	90,852	228	134	SOULP	9.7	0/0	23/15	78/26	40/20	32/28	55/45	
PA3GDD	88,200	303	98	SOUHP	5.1	0/0	0/0	0/0	54/24	69/31	180/43	
PA9HR	86,130	268	110	SOUHP	9.9	0/0	0/0	30/16	57/21	97/37	84/36	
PA3DUU	85,089	253	113	SOULP	9.4	0/0	0/0	17/10	27/18	54/34	155/51	
PG5M	82,632	320	88	SOUHP	2.5	0/0	0/0	0/0	6/4	120/38	194/46	
PAØM	61,200	206	100	SOUHP	5.8	0/0	0/0	14/9	40/19	40/26	112/46	
PA1T	58,533	182	109	SOUHP	3.7	0/0	0/0	0/0	35/24	53/39	94/46	
PA3GRM	53,295	216	85	SOUHP	2.9	0/0	0/0	0/0	4/3	64/35	148/47	
PA1AW	47,190	294	55	SOULP	3.1	0/0	0/0	0/0	0/0	0/0	294/55	

PA3DSB	45,144	154	99	SOULP	8.8	0/0	1/1	27/23	5/3	28/24	93/48	
PA6O (PA1CW, op)	37,800	203	63	SOUHP	1.7	0/0	0/0	0/0	0/0	63/29	140/34	
PDØME	37,440	196	65	SOULP	9.8	0/0	0/0	10/8	58/22	0/0	128/35	
PA8KW	37,368	174	72	SOULP	8.0	0/0	0/0	0/0	0/0	71/35	103/37	
PAØJED	35,685	197	61	SOULP	9.8	0/0	0/0	0/0	69/24	128/37	0/0	
PA3GCU	32,631	156	73	SOUHP	6.3	0/0	0/0	53/25	45/18	26/15	32/15	
PC8M	31,872	136	83	SOULP	7.2	0/0	2/2	14/12	26/18	37/20	57/31	
PA4Y	28,689	141	73	SOULP	4.0	0/0	0/0	0/0	16/12	32/21	93/40	
PE1HWO	26,733	133	67	SOULP	6.9	0/0	0/0	0/0	33/18	20/16	80/33	
PA3DTR	25,560	120	71	SOULP	4.9	0/0	8/7	15/11	21/13	35/20	41/20	
PE2K	24,381	143	63	SOUQRP	12.5	0/0	0/0	27/13	48/17	32/14	36/19	
PA1MAR	20,502	125	67	SOULP	5.5	0/0	8/7	19/10	58/22	27/17	13/11	
PA5KM	19,488	117	56	SOUHP	4.5	0/0	0/0	0/0	15/10	49/23	53/23	
PA3HGF	19,440	109	60	SOULP	5.7	0/0	0/0	5/5	18/12	53/28	33/15	
PD6Z	17,649	115	53	SOULP	4.7	0/0	0/0	5/4	40/17	0/0	70/32	
PEØCD	16,821	95	63	SOULP	6.8	0/0	0/0	0/0	46/25	28/21	21/17	
PA2WLE	15,714	104	54	SOULP	7.0	0/0	0/0	0/0	47/26	57/28	0/0	
PA3DDP	14,742	92	54	SOUHP	8.9	0/0	0/0	27/13	22/13	16/11	27/17	
PA3GDG	14,352	94	52	SOULP	3.5	0/0	0/0	6/6	15/9	27/15	46/22	
PE4KH	12,408	88	47	SOULP	7.0	0/0	0/0	0/0	16/11	36/19	36/17	
PA5X	11,880	101	40	SOUHP	1.5	0/0	0/0	0/0	91/31	0/0	10/9	
PE1FJN	11,322	75	51	SOULP	3.6	0/0	0/0	24/15	16/12	8/6	27/18	
PE4BAS	10,575	75	47	SOULP	2.8	0/0	0/0	0/0	3/3	20/17	52/27	
PD2DX	10,080	60	56	SOULP	3.1	0/0	0/0	4/4	29/25	0/0	27/27	
PA2RG	9,840	84	40	SOULP	2.5	0/0	0/0	0/0	51/21	30/16	3/3	
PDØJMH	7,200	76	32	SOULP	4.5	0/0	0/0	1/1	2/2	0/0	73/29	
PC7E	3,564	47	27	SOULP	2.3	0/0	0/0	3/3	1/1	0/0	43/23	
PA3Y	396	13	11	SOULP	1.0	0/0	0/0	0/0	3/3	5/5	5/3	
PA3FGA	3	1	1	SOUHP-160	0.0	1/1	0/0	0/0	0/0	0/0	0/0	
PA1M	8,400	84	35	SOUHP-40	2.6	0/0	0/0	84/35	0/0	0/0	0/0	
PI4COM (PA3EWP, op)	98,325	595	57	SOUHP-15	8.1	0/0	0/0	0/0	0/0	595/57	0/0	
PA5MW	90,288	542	57	SOUHP-15	13.6	0/0	0/0	0/0	0/0	542/57	0/0	
PA3DRL	11,124	106	36	SOUHP-15	3.5	0/0	0/0	0/0	0/0	106/36	0/0	
PA3GCH	1,995	35	19	SOLP-10	2.7	0/0	0/0	0/0	0/0	0/0	35/19	
PA4M	170,982	973	59	SOUHP-10	12.9	0/0	0/0	0/0	0/0	0/0	973/59	
PA1CC	132,300	736	60	SOULP-10	13.1	0/0	0/0	0/0	0/0	0/0	736/60	
PA5WT	113,100	662	58	SOUHP-10	12.6	0/0	0/0	0/0	0/0	0/0	662/58	
PA2REH	26,460	198	45	SOULP-10	11.7	0/0	0/0	0/0	0/0	0/0	198/45	
PA5CT	25,410	159	55	SOUHP-10	11.9	0/0	0/0	0/0	0/0	0/0	159/55	
PA2DK	14,742	120	42	SOULP-10	4.0	0/0	0/0	0/0	0/0	0/0	120/42	
PE4A	12,240	120	34	SOULP-10	4.3	0/0	0/0	0/0	0/0	0/0	120/34	
PAØB	3,780	48	28	SOULP-10	2.7	0/0	0/0	0/0	0/0	0/0	48/28	
Northern Ireland												
MI5I (GIØRQK, op)	1,269,384	1,828	233	SOULP	29.8	11/8	49/21	305/44	571/55	422/53	470/52	

MI4I (GI4SJJ, op)	176,748	422	143	SOULP	10.2	0/0	40/19	105/34	147/37	101/38	29/15	
MIØBPB	61,464	398	52	SOHP-10	4.3	0/0	0/0	0/0	0/0	0/0	398/52	
Norway												
LA6CF	213,504	533	139	SOLP	15.9	0/0	5/4	44/23	59/27	121/37	304/48	
LA1XFA	121,785	366	115	SOLP	27.1	0/0	0/0	33/15	100/31	116/37	117/32	
LA2HFA	64,584	212	104	SOLP	11.4	0/0	4/3	38/24	89/30	48/27	33/20	
LB2WD	41,976	165	88	SOLP	10.5	0/0	20/13	46/21	12/10	35/20	52/24	
LA7IM	12,879	85	53	SOLP	7.2	0/0	0/0	9/6	38/21	28/19	10/7	
LA7SI	7,296	67	38	SOHP	3.0	0/0	0/0	11/7	18/11	38/20	0/0	
LA3RK	162	9	6	SOLP	0.6	0/0	1/1	8/5	0/0	0/0	0/0	
LA9DAA	124,740	341	126	SOUHP	12.1	0/0	0/0	0/0	88/31	96/46	157/49	
LA8HGA	107,448	409	88	SOUHP	6.5	0/0	0/0	0/0	126/31	117/27	166/30	
LA5LJA	105,732	268	132	SOULP	9.4	1/1	20/13	58/28	49/22	60/31	80/37	
LA7TO	62,775	238	93	SOULP	14.2	0/0	2/2	17/11	27/14	92/34	100/32	
LA7QIA	21,336	127	56	SOUHP	5.9	0/0	0/0	85/26	0/0	26/17	16/13	
LA2US	21,000	127	56	SOUHP	3.7	0/0	0/0	0/0	16/12	78/29	33/15	
LA8AW	8,844	70	44	SOULP	2.6	0/0	0/0	0/0	7/6	17/13	46/25	
LC9X (LA9XGA, op)	12	2	2	SOLP-160	0.0	2/2	0/0	0/0	0/0	0/0	0/0	
LA4YGA	8,988	111	28	SOULP-20	11.5	0/0	0/0	0/0	111/28	0/0	0/0	
LA9OI	46,665	307	51	SOHP-10	9.7	0/0	0/0	0/0	0/0	0/0	307/51	
LA3MHA	5,925	81	25	SOHP-10	0.6	0/0	0/0	0/0	0/0	0/0	81/25	
LB6KC	20,049	165	41	SOUHP-10	2.8	0/0	0/0	0/0	0/0	0/0	165/41	
Poland												
SP1AEN	435,972	776	188	SOLP	29.4	1/1	48/20	179/39	159/38	192/44	197/46	
SQ6MIH	289,800	613	168	SOHP	22.3	0/0	18/12	45/24	152/39	255/51	143/42	
SQ9DXN	280,422	587	162	SOHP	22.4	0/0	40/15	133/33	94/29	141/41	179/44	
SP2GMA	230,826	532	146	SOLP	21.4	0/0	30/12	137/25	66/27	170/40	129/42	
SN6A (SP6CES, op)	166,023	394	143	SOHP	6.3	0/0	0/0	38/28	44/24	164/42	148/49	
SP5GDY	121,125	329	125	SOLP	21.4	0/0	34/17	12/10	35/21	127/40	121/37	
SP4AWE	119,790	342	121	SOLP	21.0	0/0	29/12	126/31	49/24	57/23	81/31	
SP5CTY	106,893	321	111	SOQRP	26.0	0/0	0/0	0/0	0/0	0/0	0/0	
SP9IHP	74,547	252	99	SOLP	20.5	0/0	10/8	74/29	38/16	40/19	90/27	
SQ1PSA	64,170	235	93	SOLP	11.8	0/0	3/3	34/16	26/13	104/30	68/31	
SP6BEN	59,400	220	90	SOLP	8.3	0/0	0/0	15/9	99/29	30/24	76/28	
SP9EMI	59,073	206	97	SOLP	10.4	0/0	15/11	39/19	10/10	45/21	97/36	
SP7SQM	49,329	190	87	SOLP	8.4	0/0	0/0	26/17	17/12	49/23	98/35	
SP5GQX	48,279	214	77	SOHP	8.0	0/0	0/0	0/0	26/13	56/24	132/40	
SP3KRE (SQ3HTX, op)	44,844	206	74	SOHP	7.5	0/0	0/0	0/0	33/13	48/26	125/35	
SP1JQJ	42,828	175	83	SOHP	8.0	0/0	0/0	43/24	12/10	38/22	82/27	
SO5N (SP5BMU, op)	42,330	176	83	SOHP	5.8	0/0	54/19	50/21	21/11	27/15	24/17	
SP7JDI	25,020	146	60	SOLP	14.5	0/0	0/0	25/17	5/5	17/11	99/27	
SP2MF	24,960	134	65	SOLP	8.9	0/0	0/0	38/16	11/8	56/26	29/15	
SP3BES	9,690	86	38	SOLP	6.4	0/0	0/0	0/0	15/9	71/29	0/0	
SP3FSM	8,733	72	41	SOLP	2.5	0/0	0/0	0/0	7/7	22/17	43/17	

SP3BP	8,190	80	35	SOLP	6.4	0/0	0/0	0/0	2/2	12/7	66/26	
SP2FAP	7,869	63	43	SOHP	2.2	0/0	1/1	14/11	8/8	6/6	34/17	
SP5AA	6,156	62	38	SOHP	4.2	0/0	0/0	0/0	24/16	1/1	37/21	
SP9GNM	3,780	50	28	SOHP	3.5	0/0	0/0	0/0	16/12	34/16	0/0	
SP9TS	2,574	41	22	SOLP	4.8	0/0	0/0	0/0	7/6	0/0	34/16	
SP6DHH	975	25	13	SOLP	2.5	0/0	0/0	0/0	23/12	2/1	0/0	
SP5MX	84	7	4	SOLP	1.1	0/0	1/1	6/3	0/0	0/0	0/0	
SO7NA	36	4	4	SOLP	1.3	0/0	0/0	0/0	0/0	2/2	2/2	
SN7Q (SP7GIQ, op)	3,256,200	3,659	300	SOUHP	36.7	81/21	383/47	920/57	570/58	735/57	970/60	
SN7O (SP7IVO, op)	1,203,015	1,592	253	SOULP	40.5	13/10	153/28	270/48	304/53	419/56	433/58	
SP4Z	994,050	1,426	235	SOUHP	29.2	5/5	110/26	415/50	274/51	373/55	249/48	
SP1NY	724,659	1,098	221	SOUHP	16.9	1/1	95/24	205/44	129/39	325/54	343/59	
SP2R	634,392	1,085	198	SOULP	25.0	1/1	42/17	116/25	222/45	351/55	353/55	
SN5N (SP5KP, op)	569,052	978	198	SOUHP	16.3	0/0	52/20	246/42	189/38	163/44	328/54	
SN5J (SP5JXK, op)	533,316	913	196	SOULP	29.3	1/1	60/17	184/39	170/37	216/49	282/53	
SP7CF	524,496	893	196	SOULP	31.7	4/4	93/27	201/39	141/34	216/43	238/49	
SP9ATE	385,866	680	194	SOUHP	19.9	8/7	31/19	95/32	132/41	163/47	251/48	
SP6AEG	232,200	455	172	SOUHP	17.2	2/2	9/7	48/22	102/44	193/52	101/45	
SP2XX	229,416	504	158	SOUHP	15.3	0/0	59/19	92/30	116/36	130/37	107/36	
SOØN (SQ9CNN, op)	216,972	497	147	SOUHP	10.6	0/0	0/0	56/19	101/32	168/47	172/49	
SP/UR5AS	203,580	476	145	SOULP	24.7	0/0	0/0	160/39	68/30	99/42	149/34	
SP4JFR	201,216	517	131	SOULP	15.4	0/0	0/0	0/0	152/40	206/45	159/46	
SP3A	194,310	515	127	SOUHP	13.1	0/0	0/0	0/0	81/32	136/44	298/51	
SP3BBS	130,476	332	131	SOULP	15.7	0/0	17/10	99/32	39/20	70/33	107/36	
SP5UFK	97,236	297	111	SOULP	14.7	0/0	25/15	106/22	80/28	39/21	47/25	
SQ5NWA	96,942	310	107	SOULP	17.4	0/0	0/0	57/21	51/19	90/35	112/32	
SQ5CZP	71,442	247	98	SOUHP	13.1	0/0	0/0	87/33	77/24	28/18	55/23	
SP9JZT	68,310	337	69	SOUHP	11.4	0/0	0/0	207/36	130/33	0/0	0/0	
SO4P (SP4DEU, op)	59,340	218	92	SOULP	13.8	0/0	48/17	64/25	35/18	71/32	0/0	
SN4D (SP4GAP, op)	56,700	211	90	SOULP	10.9	0/0	1/1	36/14	77/29	38/21	59/25	
SP5TT	53,802	186	98	SOUHP	8.4	0/0	0/0	35/16	10/8	49/35	92/39	
SO3O	29,484	160	63	SOULP	2.9	0/0	5/4	70/22	27/14	0/0	58/23	
SQ3POS	24,192	128	64	SOULP	8.5	0/0	0/0	11/10	28/16	38/13	51/25	
SP2DKI	24,072	136	59	SOULP	5.4	0/0	0/0	1/1	16/11	22/12	97/35	
SN2W (SQ2GXO, op)	23,625	125	63	SOULP	2.5	0/0	0/0	3/2	51/20	51/25	20/16	
SN2S (SP2MHD, op)	22,272	117	64	SOULP	4.2	0/0	0/0	11/9	15/11	24/14	67/30	
SQ9S	18,564	91	68	SOULP	3.3	0/0	0/0	6/6	34/25	7/6	44/31	
SP2HHX	13,968	99	48	SOULP	4.3	0/0	0/0	51/21	15/8	29/15	4/4	
SP8GNF	13,440	82	56	SOULP	4.1	0/0	9/6	28/16	9/9	10/10	26/15	
SP2EPV	9,360	86	52	SOULP	8.2	0/0	0/0	39/16	5/4	27/21	15/11	
SQ6LJV	6,588	62	36	SOUHP	3.7	0/0	0/0	3/3	11/8	21/10	27/15	
SP2WGB	6,360	63	40	SOULP	6.2	0/0	0/0	6/4	17/11	31/17	9/8	
SQ8L	2,970	33	30	SOULP	1.8	0/0	0/0	0/0	14/12	9/9	10/9	
SP5TER	2,400	34	25	SOULP	3.4	0/0	0/0	6/5	7/5	16/10	5/5	

SP9RQH	2,070	30	23	SOULP	1.1	0/0	4/3	7/6	9/6	2/2	8/6	
SPØDZ	1,377	27	17	SOULP	2.7	0/0	0/0	1/1	0/0	21/11	5/5	
SP7Q	1,248	27	16	SOULP	1.6	0/0	0/0	0/0	0/0	4/4	23/12	
SP9EXE	504	15	12	SOULP	2.3	0/0	0/0	2/2	3/3	9/6	1/1	
SP6OWA	396	14	11	SOULP	1.9	0/0	0/0	0/0	0/0	1/1	13/10	
SP9IVD	252	12	7	SOULP	0.7	0/0	0/0	0/0	0/0	11/6	1/1	
HF5WIM	2,064	44	16	SOLP-80	4.3	0/0	44/16	0/0	0/0	0/0	0/0	
SN2B (SP2MKI, op)	66,825	507	45	SOUHP-80	15.4	0/0	507/45	0/0	0/0	0/0	0/0	
SP3GTS	15,606	155	34	SOUHP-80	8.5	0/0	155/34	0/0	0/0	0/0	0/0	
SP5EWX	5,625	75	25	SOULP-80	4.9	0/0	75/25	0/0	0/0	0/0	0/0	
SP7SEW	5,025	69	25	SOLP-40	5.2	0/0	0/0	69/25	0/0	0/0	0/0	
SN55ØO	3,933	57	23	SOLP-40	2.9	0/0	0/0	57/23	0/0	0/0	0/0	
SP9KJU (SP9MDY, op)	1,575	35	15	SOLP-40	1.6	0/0	0/0	35/15	0/0	0/0	0/0	
SP55ØMK (SP9MDY, op)	297	12	9	SOLP-40	0.8	0/0	0/0	12/9	0/0	0/0	0/0	
SN3A (SP3HLM, op)	220,980	1,281	58	SOUHP-40	22.8	0/0	0/0	1,281/58	0/0	0/0	0/0	
SP2QG	44,352	318	48	SOUHP-40	11.0	0/0	0/0	318/48	0/0	0/0	0/0	
SQ9FMU	6,552	93	24	SOULP-40	3.9	0/0	0/0	93/24	0/0	0/0	0/0	
SP5GH	3,876	38	38	SOUHP-40	5.3	0/0	0/0	38/38	0/0	0/0	0/0	
SQ7U	2,352	50	16	SOUHP-40	1.7	0/0	0/0	50/16	0/0	0/0	0/0	
SN6S (SP6ZC, op)	240	10	8	SOULP-40	0.2	0/0	0/0	10/8	0/0	0/0	0/0	
SO7M (SP7JLH, op)	64,872	431	51	SOHP-20	17.0	0/0	0/0	0/0	431/51	0/0	0/0	
SP9RCL	25,608	195	44	SOHP-20	7.9	0/0	0/0	0/0	195/44	0/0	0/0	
SQ9FQY	798	23	14	SOLP-20	3.2	0/0	0/0	0/0	23/14	0/0	0/0	
SO4M (SQ6MS, op)	185,040	1,042	60	SOUHP-20	28.6	0/0	0/0	0/0	1,042/60	0/0	0/0	
SP3CYY	48,000	324	50	SOULP-20	12.9	0/0	0/0	0/0	324/50	0/0	0/0	
SP6AXW	9,306	97	33	SOULP-20	7.8	0/0	0/0	0/0	97/33	0/0	0/0	
SQ1WO	90	6	5	SOULP-20	0.6	0/0	0/0	0/0	6/5	0/0	0/0	
SP3FYX	29,154	244	43	SOHP-15	7.6	0/0	0/0	0/0	0/0	244/43	0/0	
SN2N (SP2FVN, op)	10,584	99	36	SOHP-15	9.7	0/0	0/0	0/0	0/0	99/36	0/0	
SP2GTJ	8,466	88	34	SOLP-15	8.7	0/0	0/0	0/0	0/0	88/34	0/0	
SP3FPF	7,440	80	31	SOLP-15	4.0	0/0	0/0	0/0	0/0	80/31	0/0	
SP2FNC	468	16	12	SOLP-15	2.4	0/0	0/0	0/0	0/0	16/12	0/0	
SN2M	232,755	1,329	59	SOUHP-15	18.9	0/0	0/0	0/0	0/0	1,329/59	0/0	
SP2PIK (SP2MKT, op)	195,762	1,120	59	SOUHP-15	18.6	0/0	0/0	0/0	0/0	1,120/59	0/0	
SP9XCN	115,536	664	58	SOULP-15	16.4	0/0	0/0	0/0	0/0	664/58	0/0	
SP8UFT	42,525	324	45	SOLP-10	14.0	0/0	0/0	0/0	0/0	0/0	324/45	
SP6JOE	42,150	289	50	SOLP-10	12.5	0/0	0/0	0/0	0/0	0/0	289/50	
SP3CCT	25,578	205	42	SOLP-10	10.7	0/0	0/0	0/0	0/0	0/0	205/42	
SP8CGU	20,943	180	39	SOLP-10	11.2	0/0	0/0	0/0	0/0	0/0	180/39	
SP7FCX	19,440	164	40	SOLP-10	8.6	0/0	0/0	0/0	0/0	0/0	164/40	
SQ5W	16,848	156	36	SOQRP-10	8.8	0/0	0/0	0/0	0/0	0/0	156/36	
SP5DIR	14,976	129	39	SOLP-10	5.3	0/0	0/0	0/0	0/0	0/0	129/39	
SP7MU	14,136	129	38	SOHP-10	8.9	0/0	0/0	0/0	0/0	0/0	129/38	
SP8EEX	13,392	124	36	SOLP-10	9.9	0/0	0/0	0/0	0/0	0/0	124/36	

SP9EML	12,543	116	37	SOHP-10	5.0	0/0	0/0	0/0	0/0	0/0	116/37	
SP6NIV	11,424	116	34	SOLP-10	6.1	0/0	0/0	0/0	0/0	0/0	116/34	
SP5BYC	7,008	73	32	SOLP-10	4.5	0/0	0/0	0/0	0/0	0/0	73/32	
SP8IDX	6,570	73	30	SOQRP-10	4.7	0/0	0/0	0/0	0/0	0/0	73/30	
SP2HMY	5,481	73	29	SOQRP-10	10.5	0/0	0/0	0/0	0/0	0/0	73/29	
SP9DTE	3,564	54	22	SOLP-10	2.7	0/0	0/0	0/0	0/0	0/0	54/22	
SP4NKJ	1,170	27	15	SOQRP-10	3.3	0/0	0/0	0/0	0/0	0/0	27/15	
SN5Y (SP5Y, op)	205,380	1,153	60	SOUHP-10	15.5	0/0	0/0	0/0	0/0	0/0	1,153/60	
3ZØX	83,664	518	56	SOUHP-10	13.5	0/0	0/0	0/0	0/0	0/0	518/56	
SP7C	54,432	331	56	SOULP-10	14.5	0/0	0/0	0/0	0/0	0/0	331/56	
SP7IIT	46,011	314	49	SOUHP-10	13.7	0/0	0/0	0/0	0/0	0/0	314/49	
SNØW (SQ9HQ, op)	41,904	295	48	SOULP-10	8.5	0/0	0/0	0/0	0/0	0/0	295/48	
SP7M	36,624	222	56	SOUQRP-10	9.0	0/0	0/0	0/0	0/0	0/0	222/56	
SP2EWQ	35,100	263	45	SOULP-10	8.1	0/0	0/0	0/0	0/0	0/0	263/45	
SO5UT	32,118	206	53	SOULP-10	11.5	0/0	0/0	0/0	0/0	0/0	206/53	
SNØR (SQ9IAU, op)	23,712	209	38	SOULP-10	5.1	0/0	0/0	0/0	0/0	0/0	209/38	
SP9DLY	15,912	138	39	SOULP-10	4.7	0/0	0/0	0/0	0/0	0/0	138/39	
SP6IHE	5,376	61	32	SOULP-10	4.7	0/0	0/0	0/0	0/0	0/0	61/32	
SQ1DNJ	4,248	59	24	SOULP-10	6.2	0/0	0/0	0/0	0/0	0/0	59/24	
SQ9MEE	2,760	48	20	SOULP-10	4.1	0/0	0/0	0/0	0/0	0/0	48/20	
Portugal												
CR6K (CT1ILT, op)	6,119,712	6,355	324	SOHP	38.5	179/33	629/56	1,154/57	1,392/58	1,554/60	1,447/60	
CT1DRB	337,194	799	143	SOLP	26.7	0/0	0/0	0/0	367/52	218/44	214/47	
CT7AUP	279,882	643	146	SOLP	10.3	0/0	0/0	54/25	372/48	130/39	87/34	
CR5O (CT7AJL, op)	219,510	545	135	SOLP	14.0	0/0	0/0	80/29	222/35	167/40	76/31	
CT1BOH	478,332	780	206	SOULP	18.4	0/0	0/0	115/40	229/52	209/55	227/59	
CT7/DL6IAK	258,129	689	129	SOULP	8.8	0/0	0/0	0/0	165/39	229/41	295/49	
CT7/VA3FH	120,405	356	115	SOUHP	18.6	0/0	4/4	77/23	67/20	141/40	67/28	
CT1EHK	49,446	214	82	SOUHP	13.5	0/0	0/0	0/0	72/25	98/32	44/25	
CT1GFQ	13,260	89	52	SOUQRP	4.0	0/0	0/0	0/0	1/1	53/31	35/20	
CS2C (OK1RF, op)	42,189	346	41	SOHP-160	15.1	346/41	0/0	0/0	0/0	0/0	0/0	
CT1FOQ	8,640	91	32	SOLP-20	5.8	0/0	0/0	0/0	91/32	0/0	0/0	
CT7AGZ	49,800	335	50	SOULP-15	9.1	0/0	0/0	0/0	0/0	335/50	0/0	
CT7AIX	30,240	211	48	SOHP-10	10.0	0/0	0/0	0/0	0/0	0/0	211/48	
CT2IWW	5,115	59	31	SOLP-10	2.6	0/0	0/0	0/0	0/0	0/0	59/31	
Romania												
YO7ARZ	125,670	358	118	SOLP	15.3	0/0	8/5	102/32	6/6	103/36	139/39	
YO4FHU	97,335	324	103	SOLP	19.0	0/0	8/7	74/28	64/20	77/20	101/28	
YO4SI	39,216	173	76	SOLP	8.6	0/0	2/2	43/18	23/12	46/22	59/22	
YO6HSU	35,325	158	75	SOLP	10.5	0/0	0/0	62/24	28/19	39/16	29/16	
YO4AAC	23,622	129	62	SOLP	8.6	0/0	0/0	21/16	14/11	85/28	9/7	
YO5YM	22,125	128	59	SOLP	10.5	0/0	2/2	49/18	7/5	45/20	25/14	
YO5BXI	17,325	112	55	SOLP	10.1	0/0	0/0	0/0	33/14	44/21	35/20	
YO8BDW	17,316	115	52	SOLP	9.6	0/0	0/0	66/21	17/13	32/18	0/0	

YO6DMR	16,380	111	52	SOLP	10.3	0/0	0/0	15/13	51/20	0/0	45/19	
YO3HEX	12,600	110	42	SOLP	3.1	0/0	0/0	73/18	3/3	10/8	24/13	
YO5ODT	12,096	85	48	SOLP	3.1	0/0	0/0	32/16	11/9	31/16	11/7	
YO2ARM	6,903	62	39	SOLP	5.8	0/0	0/0	4/3	29/16	5/4	24/16	
YO2MJZ	6,090	70	29	SOLP	6.2	0/0	0/0	64/25	6/4	0/0	0/0	
YO6DBL	4,743	52	31	SOLP	5.0	0/0	0/0	31/15	12/9	9/7	0/0	
YO4MM	1,860	32	20	SOLP	3.3	0/0	0/0	0/0	18/9	0/0	14/11	
YO2SH	1,848	28	22	SOLP	2.4	0/0	0/0	0/0	0/0	22/16	6/6	
YO7AWZ	147	9	7	SOLP	1.2	0/0	1/1	8/6	0/0	0/0	0/0	
YO9HP	697,890	1,092	215	SOUHP	19.5	8/7	114/27	195/44	225/42	290/49	260/46	
YO4NF	671,376	1,147	197	SOUHP	26.5	0/0	53/18	329/47	195/38	316/49	254/45	
YR9F (LB3TI, op)	451,836	938	163	SOUHP	11.2	0/0	0/0	35/25	235/44	352/52	316/42	
YO5AVN	386,568	731	177	SOULP	27.8	0/0	59/18	161/33	82/29	244/51	185/46	
YO9AYN	248,850	579	150	SOUHP	20.3	0/0	61/20	162/36	99/29	175/40	82/25	
YO4DG	223,509	527	143	SOUHP	15.7	0/0	31/14	86/30	99/29	198/42	113/28	
YO8DOH	169,722	451	126	SOULP	18.5	0/0	27/13	146/32	22/13	164/40	92/28	
YO4NA	135,408	406	112	SOULP	11.4	0/0	0/0	99/28	63/18	122/35	122/31	
YO3GCL	91,728	301	104	SOULP	10.4	0/0	2/2	84/21	85/26	79/31	51/24	
YO7BGA	55,872	205	96	SOULP	15.5	0/0	12/8	43/25	57/21	64/24	29/18	
YO6ZS	42,525	196	75	SOUHP	7.4	0/0	1/1	40/16	43/16	93/29	19/13	
YO3IJ	19,440	109	60	SOUHP	8.2	0/0	0/0	23/11	21/13	54/28	11/8	
YO2DFA	16,005	98	55	SOUHP	3.6	0/0	0/0	8/6	7/5	34/20	49/24	
YO9GDN	11,466	95	42	SOULP	3.4	0/0	0/0	0/0	9/4	53/23	33/15	
YO3XX/P	8,643	67	43	SOULP	1.6	0/0	0/0	0/0	6/6	38/19	23/18	
YO3IRM	2,184	29	26	SOULP	1.6	0/0	0/0	2/2	0/0	5/5	22/19	
YO2MKL	1,392	29	16	SOULP	2.7	0/0	0/0	0/0	1/1	24/11	4/4	
YO6FGZ	31,800	275	40	SOHP-40	8.8	0/0	0/0	275/40	0/0	0/0	0/0	
YO6BGT	3,720	65	20	SOLP-40	7.7	0/0	0/0	65/20	0/0	0/0	0/0	
YO4AJ	1,782	34	18	SOLP-40	3.1	0/0	0/0	34/18	0/0	0/0	0/0	
YO4BEW	1,566	32	18	SOLP-40	2.4	0/0	0/0	32/18	0/0	0/0	0/0	
YQ6A (YO6BHN, op)	140,904	840	57	SOUHP-40	14.9	0/0	0/0	840/57	0/0	0/0	0/0	
YO3FRI	19,803	163	41	SOULP-40	7.1	0/0	0/0	163/41	0/0	0/0	0/0	
YO8WW	8,256	89	32	SOUHP-40	3.1	0/0	0/0	89/32	0/0	0/0	0/0	
YO2GL	1,530	30	17	SOULP-40	1.3	0/0	0/0	30/17	0/0	0/0	0/0	
YO4BEX	780	21	13	SOQRP-20	1.9	0/0	0/0	0/0	21/13	0/0	0/0	
YO4TL	90	6	5	SOLP-15	0.9	0/0	0/0	0/0	0/0	6/5	0/0	
YO3LW	31,968	230	48	SOUHP-15	7.6	0/0	0/0	0/0	0/0	230/48	0/0	
YO2LEA	43,146	286	51	SOLP-10	10.5	0/0	0/0	0/0	0/0	0/0	286/51	
YO4FZX	37,260	278	45	SOLP-10	8.1	0/0	0/0	0/0	0/0	0/0	278/45	
YO8/LZ4UU	18,981	172	37	SOLP-10	9.1	0/0	0/0	0/0	0/0	0/0	172/37	
YO5DAS	16,497	146	39	SOLP-10	5.7	0/0	0/0	0/0	0/0	0/0	146/39	
YO2IS	15,390	135	38	SOLP-10	7.9	0/0	0/0	0/0	0/0	0/0	135/38	
YO4RST	12,204	113	36	SOLP-10	5.8	0/0	0/0	0/0	0/0	0/0	113/36	
YO6CFB	8,832	92	32	SOLP-10	6.9	0/0	0/0	0/0	0/0	0/0	92/32	

YO6EX	3,675	49	25	SOLP-10	1.7	0/0	0/0	0/0	0/0	0/0	49/25	
YO9CWY	2,052	40	18	SOLP-10	4.2	0/0	0/0	0/0	0/0	0/0	40/18	
YO2CMI	1,740	31	20	SOHP-10	2.7	0/0	0/0	0/0	0/0	0/0	31/20	
YO8ST	14,586	145	34	SOULP-10	2.9	0/0	0/0	0/0	0/0	0/0	145/34	
YO8DHA	13,344	146	32	SOUHP-10	1.5	0/0	0/0	0/0	0/0	0/0	146/32	
YO6LA	5,544	68	28	SOULP-10	7.7	0/0	0/0	0/0	0/0	0/0	68/28	
Sardinia												
IRØA	895,917	1,619	187	SOHP	24.3	0/0	0/0	556/49	197/34	358/50	508/54	
ISØESG	68,676	245	97	SOQRP	24.2	0/0	19/11	56/23	70/17	57/25	43/21	
Scotland												
GM4Z (GM4ZUK, op)	2,526,006	3,089	274	SOHP	30.7	61/19	209/39	418/49	615/53	755/56	1,031/58	
MMØT (GM3WUX, op)	1,184,799	1,789	223	SOHP	22.6	0/0	89/25	218/44	369/45	509/53	604/56	
GM7WCO	64,206	251	87	SOLP	11.8	0/0	0/0	0/0	46/17	89/33	116/37	
GM5TDX	63,720	243	90	SOLP	17.5	0/0	0/0	1/1	82/26	76/33	84/30	
MM9I (GMØOPS, op)	2,089,008	2,644	267	SOUHP	34.0	15/12	272/37	459/50	581/53	644/57	673/58	
GM7V (GM3WOJ, op)	391,035	660	199	SOUHP	8.8	17/12	45/24	86/35	147/45	309/56	56/27	
MM2T	387,693	760	173	SOUHP	13.9	0/0	32/13	223/41	213/42	185/40	107/37	
GM3ZRT	161,385	375	145	SOUHP	9.6	0/0	1/1	56/29	88/35	105/36	125/44	
GM3YEH	141,768	360	132	SOUHP	15.7	0/0	0/0	9/9	129/36	156/46	66/41	
GM2Y (MMØDXH, op)	109,242	297	126	SOUHP	8.8	0/0	0/0	0/0	96/33	86/42	115/51	
GMØV (GMØOQV, op)	99,189	327	103	SOUHP	8.2	0/0	0/0	38/15	92/26	55/27	142/35	
MMØDGI	3,213	55	21	SOLP-40	2.0	0/0	0/0	55/21	0/0	0/0	0/0	
MM2N	92,178	592	54	SOLP-10	6.4	0/0	0/0	0/0	0/0	0/0	592/54	
GM3NHQ	8,670	92	34	SOHP-10	5.4	0/0	0/0	0/0	0/0	0/0	92/34	
MM1E (MMØGOR, op)	71,118	440	54	SOUHP-10	8.2	0/0	0/0	0/0	0/0	0/0	440/54	
GM4FDM	50,490	317	55	SOUHP-10	10.3	0/0	0/0	0/0	0/0	0/0	317/55	
Serbia												
YT6M	302,679	604	169	SOLP	18.9	0/0	46/18	244/46	41/20	99/38	174/47	
YU1YV	284,400	613	158	SOLP	24.5	0/0	10/8	80/28	186/40	160/42	177/40	
YU7WW	225,933	609	127	SOHP	14.7	0/0	0/0	0/0	103/28	235/50	271/49	
YT2U	95,445	319	101	SOLP	10.6	0/0	0/0	51/17	79/23	88/29	101/32	
YU5T	61,146	245	86	SOLP	10.7	0/0	0/0	116/31	13/11	24/16	92/28	
YT1XC	14,406	99	49	SOLP	4.8	0/0	0/0	14/11	56/20	29/18	0/0	
YU5R (YT2AAA, op)	2,049,333	2,448	281	SOUHP	32.7	23/13	169/41	510/54	652/57	754/59	340/57	
YU1ZZ	1,606,803	2,142	253	SOUHP	25.2	1/1	101/28	499/53	496/56	520/57	525/58	
YU7KW	1,318,416	1,831	242	SOUHP	29.2	5/4	282/37	726/53	200/47	241/50	377/51	
YT7X (YU7CF, op)	314,496	736	144	SOUHP	19.8	0/0	0/0	64/21	234/42	388/53	50/28	
YT5A (YT1AD, op)	102,600	288	120	SOUHP	3.6	0/0	0/0	27/16	92/33	71/34	98/37	
YT3K	91,476	247	126	SOULP	13.2	0/0	0/0	85/34	47/26	51/30	64/36	
YUØU	35,991	131	93	SOUHP	4.0	0/0	18/12	33/26	19/14	28/18	33/23	
YU1ANO (YT1WA, op)	21,312	111	64	SOULP	3.3	0/0	0/0	5/4	47/22	44/27	15/11	
YU1FG	5,760	60	32	SOULP	2.8	0/0	0/0	0/0	0/0	14/10	46/22	
YU1RA	91,728	598	52	SOHP-40	11.5	0/0	0/0	598/52	0/0	0/0	0/0	
YT1A	129,924	821	54	SOULP-40	14.7	0/0	0/0	821/54	0/0	0/0	0/0	

S57K	3,154,095	3,743	285	SOHP	38.2	53/20	365/40	1,022/56	773/55	757/56	773/58	
S57UN	197,679	505	131	SOLP	7.5	0/0	1/1	43/15	148/38	160/41	153/36	
S58MU	75,438	255	99	SOLP	10.1	0/0	0/0	109/34	9/7	45/28	92/30	
S57NAW	72,921	225	109	SOLP	8.8	0/0	0/0	29/24	94/30	60/31	42/24	
S57WJ	5,088	54	32	SOLP	1.6	0/0	0/0	19/14	0/0	35/18	0/0	
S53M (S53ZO, op)	1,993,320	2,421	280	SOUHP	24.4	34/17	326/42	697/55	436/51	457/55	471/60	
S52NR	1,446,480	2,002	245	SOULP	27.9	3/3	129/29	557/50	497/52	334/54	482/57	
S53F	1,281,792	1,694	256	SOUHP	26.3	51/21	157/33	296/47	217/43	436/56	537/56	
S57DX	1,032,936	1,799	193	SOUHP	16.1	1/1	119/28	470/52	616/56	0/0	593/56	
S52AU	808,767	1,242	219	SOUHP	16.2	0/0	53/26	238/42	296/46	250/49	405/56	
S53BB	758,241	1,249	207	SOUHP	19.4	0/0	58/17	265/43	136/39	422/53	368/55	
S53K	368,490	720	173	SOUHP	16.0	1/1	9/7	132/30	201/45	230/49	147/41	
S56A	330,225	597	185	SOULP	16.4	0/0	48/19	150/36	135/34	141/47	123/49	
S52W	254,736	494	174	SOULP	12.2	0/0	46/20	136/39	79/31	121/42	112/42	
S56C	223,782	505	151	SOULP	15.7	0/0	21/14	86/28	74/26	156/41	168/42	
S59AA	103,950	339	105	SOUHP	4.5	0/0	0/0	47/18	64/20	161/41	67/26	
S57KM	64,860	230	94	SOULP	4.1	0/0	1/1	36/16	91/29	51/24	51/24	
S57ZT	20,496	113	61	SOULP	5.5	0/0	0/0	70/28	14/12	14/10	15/11	
S51RE	12,771	103	43	SOUHP	1.8	0/0	5/4	13/8	0/0	81/27	4/4	
S5ØC	18,624	204	32	SOHP-160	12.5	204/32	0/0	0/0	0/0	0/0	0/0	
S53X	67,962	490	47	SOUHP-80	14.2	0/0	490/47	0/0	0/0	0/0	0/0	
S51YI	66,015	498	45	SOUHP-80	13.9	0/0	498/45	0/0	0/0	0/0	0/0	
S57Q	195,054	1,140	58	SOHP-40	18.8	0/0	0/0	1,140/58	0/0	0/0	0/0	
S51J	10,530	122	30	SOLP-40	5.8	0/0	0/0	122/30	0/0	0/0	0/0	
S52AW	228,780	1,312	60	SOUHP-40	20.8	0/0	0/0	1,312/60	0/0	0/0	0/0	
S58R	18,486	165	39	SOUQRP-40	14.3	0/0	0/0	165/39	0/0	0/0	0/0	
S51Z	14,805	144	35	SOQRP-20	14.3	0/0	0/0	0/0	144/35	0/0	0/0	
S5/MØMPM	8,652	103	28	SOLP-20	7.3	0/0	0/0	0/0	103/28	0/0	0/0	
S5ØK	239,181	1,332	61	SOUHP-20	33.4	0/0	0/0	0/0	1,332/61	0/0	0/0	
S57Z	216,648	1,245	59	SOUHP-20	34.3	0/0	0/0	0/0	1,245/59	0/0	0/0	
S58WW	11,118	110	34	SOULP-20	4.2	0/0	0/0	0/0	110/34	0/0	0/0	
S53MM	254,703	1,452	59	SOHP-15	20.8	0/0	0/0	0/0	0/0	1,452/59	0/0	
S5ØR	201,426	1,160	59	SOHP-15	19.8	0/0	0/0	0/0	0/0	1,160/59	0/0	
S52GP	84,588	535	53	SOUHP-15	11.9	0/0	0/0	0/0	0/0	535/53	0/0	
S5ØU	200,340	1,134	60	SOHP-10	14.0	0/0	0/0	0/0	0/0	0/0	1,134/60	
S52WD	35,496	236	51	SOLP-10	5.0	0/0	0/0	0/0	0/0	0/0	236/51	
S53V	62,370	381	55	SOUHP-10	10.9	0/0	0/0	0/0	0/0	0/0	381/55	
S59A	41,910	258	55	SOUQRP-10	10.0	0/0	0/0	0/0	0/0	0/0	258/55	
S51DX	22,680	189	42	SOUHP-10	3.0	0/0	0/0	0/0	0/0	0/0	189/42	
S59MA	16,761	155	37	SOULP-10	6.9	0/0	0/0	0/0	0/0	0/0	155/37	
Spain												
EF1A (EA1X, op)	3,202,740	4,063	270	SOHP	30.8	4/4	225/40	711/53	803/56	1,155/58	1,165/59	
EA5M	1,704,750	2,325	250	SOLP	25.4	0/0	60/27	605/55	646/54	495/56	519/58	
EA4KD	1,680,780	2,198	257	SOLP	36.2	6/5	210/38	614/53	515/51	385/55	468/55	

EA3FZT	560,616	1,025	188	SOLP	24.0	0/0	49/16	267/40	269/46	201/43	239/43	
EA1IQ	323,577	699	157	SOLP	18.8	0/0	18/9	81/26	194/34	134/39	272/49	
EA5O	236,040	567	140	SOHP	4.2	0/0	0/0	59/23	187/43	54/28	267/46	
EA1TG	138,060	357	130	SOLP	13.0	0/0	0/0	40/17	102/32	116/40	99/41	
EA5ITT	110,514	329	113	SOLP	12.0	0/0	42/19	149/39	84/24	39/19	15/12	
EA/PA5JF	104,832	323	112	SOLP	22.0	0/0	5/5	103/38	11/8	47/22	157/39	
EA1GT	85,176	292	104	SOQRP	19.3	0/0	0/0	23/14	92/30	53/24	124/36	
EA5DCL	79,686	239	114	SOHP	6.8	0/0	0/0	26/17	73/28	51/27	89/42	
EA3DA	54,150	190	95	SOLP	11.4	0/0	25/15	66/30	12/10	53/21	34/19	
EA2PA	42,975	194	75	SOLP	7.6	0/0	0/0	16/10	91/25	25/13	62/27	
EA7IZ	36,279	144	87	SOHP	6.9	0/0	5/5	37/21	23/18	34/20	45/23	
EA5DD	32,670	165	66	SOLP	4.1	0/0	0/0	0/0	15/12	21/16	129/38	
EA5DO	27,405	149	63	SOLP	6.2	0/0	0/0	6/5	91/27	29/17	23/14	
EA3X	27,156	153	62	SOHP	2.0	0/0	0/0	0/0	0/0	77/33	76/29	
EA3BRL	25,536	155	56	SOLP	13.4	0/0	5/5	93/33	55/16	1/1	1/1	
EA5IFY	21,168	115	63	SOLP	5.4	0/0	0/0	15/9	42/22	44/21	14/11	
EA5CP	20,160	112	60	SOLP	5.3	0/0	0/0	0/0	26/16	36/23	50/21	
EA4W	16,536	104	53	SOHP	3.5	0/0	0/0	20/12	39/18	45/23	0/0	
EA5/RV2A	15,264	108	48	SOLP	7.2	0/0	12/8	67/19	22/14	0/0	7/7	
EA4XT	15,105	97	53	SOQRP	3.4	0/0	0/0	3/3	42/19	29/18	23/13	
EA5XQ	13,200	90	55	SOLP	7.6	0/0	0/0	19/10	42/22	24/18	5/5	
EA1ND	12,006	89	46	SOHP	1.8	0/0	0/0	0/0	4/4	51/23	34/19	
EC5CSW	7,344	53	51	SOHP	4.8	0/0	5/5	18/17	1/1	12/11	17/17	
EA1EVA	6,954	66	38	SOLP	2.9	0/0	0/0	10/9	32/15	24/14	0/0	
EA2DDE	6,018	61	34	SOHP	2.5	0/0	0/0	0/0	1/1	13/10	47/23	
EA2AFV	5,643	65	33	SOLP	2.8	0/0	0/0	8/8	43/16	11/6	3/3	
EA7BWA	2,511	32	27	SOLP	3.1	0/0	0/0	5/5	16/11	0/0	11/11	
ED4J (EA4HKF, op)	2,220	39	20	SOLP	0.8	0/0	0/0	0/0	39/20	0/0	0/0	
EA7GWD	1,653	30	19	SOLP	2.2	0/0	0/0	0/0	20/10	10/9	0/0	
EA2CAR	1,197	21	19	SOQRP	1.0	0/0	0/0	0/0	0/0	13/11	8/8	
EB7A	4,919,061	5,418	307	SOUHP	39.9	103/26	419/46	1,027/58	1,382/58	1,323/59	1,164/60	
EC4TA	1,452,990	1,913	259	SOULP	31.9	0/0	136/36	268/50	627/57	402/57	480/59	
ED3Z (EA3ICJ, op)	996,837	1,457	229	SOULP	30.4	0/0	95/24	173/41	462/54	412/53	315/57	
ED3A (EA3AKY, op)	965,523	1,330	247	SOUHP	34.4	26/13	177/37	305/48	217/42	201/49	404/58	
EA2AZ	746,646	1,171	214	SOULP	28.0	0/0	40/20	226/44	343/49	301/48	261/53	
EA7TG	705,915	954	249	SOUHP	13.9	21/13	174/37	128/44	332/50	178/52	121/53	
EE4Y (EA4GOY, op)	359,100	690	175	SOUHP	10.1	0/0	9/8	129/29	221/48	172/42	159/48	
EA5GX	330,330	719	154	SOUHP	11.4	0/0	0/0	20/16	164/35	193/49	342/54	
EA5XA	272,709	586	157	SOULP	18.2	0/0	21/12	141/28	109/30	133/43	182/44	
EA4BAS	253,872	532	164	SOULP	15.8	0/0	26/16	62/31	171/39	155/41	118/37	
EA2KV	224,595	490	155	SOUHP	8.5	0/0	0/0	63/31	121/38	201/46	105/40	
EA3XR	217,620	465	156	SOULP	10.6	0/0	0/0	69/27	80/31	127/45	189/53	
EB5F	172,980	470	124	SOUHP	11.2	0/0	0/0	12/7	100/33	188/44	170/40	
EA7GVR	108,810	281	130	SOULP	17.5	0/0	17/14	66/28	47/26	79/33	72/29	

EA3JW	104,976	247	144	SOULP	6.7	0/0	25/16	63/38	0/0	64/40	95/50	
EF7A	95,850	370	90	SOUHP	4.0	0/0	57/21	46/26	267/43	0/0	0/0	
EA1B	92,208	282	113	SOUHP	10.9	0/0	0/0	0/0	85/34	119/42	78/37	
EA5ICL	89,577	272	111	SOUQRP	16.6	0/0	12/9	55/20	95/30	55/24	55/28	
ED3E	82,137	220	131	SOUHP	11.4	0/0	4/4	45/25	68/27	53/36	50/39	
EA4M	78,690	220	122	SOULP	3.7	0/0	0/0	54/28	40/27	46/32	80/35	
EA1AER	76,806	255	102	SOUQRP	11.1	0/0	0/0	41/17	39/18	88/33	87/34	
EC3AIT	65,670	207	110	SOUHP	5.2	0/0	0/0	13/11	86/28	55/36	53/35	
EF5T (EA5JDN, op)	62,370	215	99	SOUHP	11.2	0/0	2/2	28/21	76/25	65/26	44/25	
EA4AQQ	55,332	164	116	SOULP	11.1	0/0	31/21	29/23	28/20	31/22	45/30	
EA2J	39,744	140	96	SOULP	5.4	0/0	0/0	20/13	32/23	28/23	60/37	
EA7OR	33,516	140	84	SOULP	9.2	0/0	0/0	14/9	39/21	35/23	52/31	
EA7JW	32,802	148	77	SOUHP	5.3	0/0	0/0	51/24	10/9	15/13	72/31	
EA7GZQ	30,408	186	56	SOUHP	5.0	0/0	0/0	145/32	32/17	9/7	0/0	
EE2A (EA2SN, op)	21,384	108	66	SOUQRP	6.5	0/0	22/13	39/24	5/5	27/14	15/10	
EA1CCM	17,820	99	60	SOULP	5.8	0/0	0/0	0/0	43/24	20/15	36/21	
EA5LN	15,228	99	54	SOULP	4.7	0/0	0/0	0/0	24/15	19/13	56/26	
EA4GJT	12,561	81	53	SOULP	5.6	0/0	0/0	1/1	6/5	26/18	48/29	
EA2ESB	11,220	86	44	SOULP	1.9	0/0	0/0	25/16	61/28	0/0	0/0	
EA4HRJ	10,878	76	49	SOULP	4.2	0/0	4/3	34/23	24/13	11/7	3/3	
EA4Z	8,568	70	42	SOUHP	6.8	0/0	0/0	0/0	11/8	34/18	25/16	
EA5PL	5,616	54	36	SOULP	7.1	0/0	0/0	14/8	16/12	0/0	24/16	
EA3ATM	2,622	39	23	SOULP	1.2	0/0	0/0	0/0	15/10	24/13	0/0	
EB5CS	1,620	30	18	SOULP	0.8	0/0	0/0	0/0	0/0	25/13	5/5	
EF5R (EA5GOR, op)	1,425	26	19	SOULP	3.2	0/0	0/0	4/4	20/13	2/2	0/0	
EA5Y	12	2	2	SOUQRP-160	0.8	2/2	0/0	0/0	0/0	0/0	0/0	
EA7PN	7,047	84	29	SOHP-40	1.8	0/0	0/0	84/29	0/0	0/0	0/0	
EA5BM	95,877	609	53	SOULP-40	11.7	0/0	0/0	609/53	0/0	0/0	0/0	
EA7W	255,942	1,483	59	SOHP-20	24.9	0/0	0/0	0/0	1,483/59	0/0	0/0	
EA7AAW	55,890	412	46	SOLP-20	6.1	0/0	0/0	0/0	412/46	0/0	0/0	
EA3DMN	3,300	53	22	SOLP-20	8.0	0/0	0/0	0/0	53/22	0/0	0/0	
EA3IN	169,119	1,007	57	SOUHP-20	22.4	0/0	0/0	0/0	1,007/57	0/0	0/0	
EF5K (EA5DF, op)	148,326	859	59	SOULP-20	21.1	0/0	0/0	0/0	859/59	0/0	0/0	
EA3O	69,732	450	52	SOUQRP-20	21.3	0/0	0/0	0/0	450/52	0/0	0/0	
ED7A	43,365	315	49	SOUHP-20	17.3	0/0	0/0	0/0	315/49	0/0	0/0	
EA1ASG	10,848	124	32	SOULP-20	7.6	0/0	0/0	0/0	124/32	0/0	0/0	
EA3OH	10,506	103	34	SOHP-15	5.1	0/0	0/0	0/0	0/0	103/34	0/0	
EC5K	120,756	708	58	SOUHP-15	10.0	0/0	0/0	0/0	0/0	708/58	0/0	
EA4CWW	5,742	69	29	SOULP-15	6.0	0/0	0/0	0/0	0/0	69/29	0/0	
EA5EL	147,240	833	60	SOHP-10	13.8	0/0	0/0	0/0	0/0	0/0	833/60	
EE3Z	54,693	312	59	SOLP-10	7.1	0/0	0/0	0/0	0/0	0/0	312/59	
EA2LU	21,648	165	44	SOHP-10	1.7	0/0	0/0	0/0	0/0	0/0	165/44	
EA5WA	11,760	99	40	SOQRP-10	2.4	0/0	0/0	0/0	0/0	0/0	99/40	
EA2DSG	168	8	7	SOLP-10	0.6	0/0	0/0	0/0	0/0	0/0	8/7	

EA5U	60	5	4	SOQRP-10	0.3	0/0	0/0	0/0	0/0	0/0	5/4	
EC5C	12	2	2	SOQRP-10	0.1	0/0	0/0	0/0	0/0	0/0	2/2	
EA5KM	88,407	522	57	SOUHP-10	11.2	0/0	0/0	0/0	0/0	0/0	522/57	
EA7Q	84,987	507	57	SOUHP-10	9.8	0/0	0/0	0/0	0/0	0/0	507/57	
EA5GS	62,415	379	57	SOUHP-10	8.0	0/0	0/0	0/0	0/0	0/0	379/57	
EC5KXA (HK1A, op)	42,381	280	51	SOULP-10	10.7	0/0	0/0	0/0	0/0	0/0	280/51	
EA3AVV	28,566	207	46	SOULP-10	5.9	0/0	0/0	0/0	0/0	0/0	207/46	
ED3T (EA3HSO, op)	24,948	204	42	SOUHP-10	6.2	0/0	0/0	0/0	0/0	0/0	204/42	
EA2CW	147	8	7	SOUQRP-10	0.3	0/0	0/0	0/0	0/0	0/0	8/7	
Sweden												
SM7CIL	226,305	535	141	SOLP	15.4	0/0	0/0	48/28	107/26	169/42	211/45	
SD6M (SA6BGR, op)	196,908	552	122	SOHP	10.2	0/0	0/0	12/8	183/36	227/46	130/32	
SMØHRP	136,884	386	122	SOHP	4.8	4/3	18/13	0/0	110/35	208/48	46/23	
SM6TOL	133,515	406	115	SOLP	13.5	0/0	0/0	40/19	64/27	118/34	184/35	
SF6W (SM6EWB, op)	127,710	431	99	SOLP	11.2	0/0	0/0	0/0	28/13	158/41	245/45	
SC6O (SM6OEF, op)	73,140	281	92	SOLP	16.0	0/0	0/0	46/21	137/32	94/36	4/3	
SM6PPS	64,728	249	87	SOLP	9.6	0/0	4/4	120/37	101/29	24/17	0/0	
SM5ACQ	32,616	153	72	SOLP	6.8	0/0	0/0	17/12	13/11	50/22	73/27	
SM6CMU	27,072	193	47	SOHP	7.4	0/0	0/0	0/0	0/0	0/0	193/47	
SM5LW	26,496	133	69	SOLP	7.9	0/0	0/0	17/12	38/19	39/21	39/17	
SD5M (SM5DFM, op)	25,350	130	65	SOLP	5.6	0/0	0/0	0/0	35/16	64/29	31/20	
SM6GBM	19,836	121	58	SOLP	6.3	0/0	0/0	1/1	38/17	69/29	13/11	
SJ7M (SM7RZF, op)	15,456	112	46	SOLP	6.2	0/0	0/0	14/12	0/0	0/0	98/34	
SM4EPR	14,550	97	50	SOLP	4.3	0/0	0/0	8/6	9/6	22/13	58/25	
SI7M (SM7DUZ, op)	5,115	56	31	SOLP	2.5	0/0	0/0	0/0	4/4	45/21	7/6	
SEØB	1,827	33	21	SOLP	2.4	0/0	0/0	0/0	13/8	14/7	6/6	
SM2M (SM2LIY, op)	1,726,080	2,336	248	SOUHP	33.4	3/3	45/22	260/51	687/57	778/57	563/58	
SC7DX	716,130	1,110	218	SOUHP	15.3	0/0	58/24	164/44	301/50	318/52	269/48	
SEØX (SMØMDG, op)	358,752	618	202	SOUHP	13.7	1/1	49/20	150/37	94/40	133/49	191/55	
SDØN (SMØNSJ, op)	296,562	616	161	SOULP	21.3	0/0	6/5	85/30	142/36	198/45	185/45	
SF1Z (SMØHEV, op)	291,450	737	134	SOUHP	12.0	0/0	0/0	3/3	253/44	247/48	234/39	
SD6F (SM6JWR, op)	272,436	630	146	SOULP	12.3	0/0	0/0	67/22	135/30	183/44	245/50	
SM5EPO	253,080	575	148	SOUHP	13.5	1/1	6/5	154/30	198/35	153/45	63/32	
SM3OMO	238,602	500	161	SOUHP	20.0	0/0	31/15	100/37	108/33	159/44	102/32	
SM5EFX	194,157	460	141	SOULP	8.6	0/0	18/13	65/28	46/20	180/43	151/37	
SM6F	193,698	425	153	SOULP	11.2	0/0	21/11	36/25	57/30	105/41	206/46	
SM7IUN	182,856	403	152	SOUHP	6.5	0/0	23/14	45/25	111/35	124/38	100/40	
SM6FPC	143,208	409	117	SOULP	11.6	0/0	6/4	37/19	91/27	109/33	166/34	
SE4E (SM4DQE, op)	102,816	294	119	SOULP	14.3	0/0	0/0	41/21	80/30	75/33	98/35	
SFØA (SMØLPO, op)	91,350	358	87	SOUQRP	12.7	0/0	0/0	0/0	50/20	47/22	261/45	
SM6TKG	76,230	233	110	SOUHP	6.3	0/0	0/0	33/18	50/20	68/37	82/35	
SM3EAE	54,480	228	80	SOULP	5.3	0/0	0/0	0/0	22/14	115/36	91/30	
SA6AUN	50,880	220	80	SOUHP	9.9	0/0	0/0	0/0	37/15	66/27	117/38	
8S8ØAA (SM5KRI, op)	34,155	170	69	SOULP	8.6	0/0	0/0	1/1	39/20	32/19	98/29	

SM6LPF	33,300	149	75	SOULP	6.5	0/0	0/0	10/9	33/20	21/13	85/33	
SA6FAX	32,058	149	78	SOULP	11.0	0/0	0/0	32/18	15/11	58/27	44/22	
SM6OPM	15,228	100	54	SOULP	6.5	0/0	0/0	18/12	10/7	20/12	52/23	
SM7RYR	14,544	101	48	SOULP	4.4	0/0	0/0	0/0	49/18	39/20	13/10	
SM6IQD	8,385	72	43	SOULP	5.9	0/0	0/0	6/3	12/10	17/10	37/20	
SM6CNN	6,549	59	37	SOUHP	1.5	0/0	0/0	0/0	0/0	54/32	5/5	
SM5ENX	5,265	47	39	SOUHP	5.5	0/0	14/11	0/0	0/0	0/0	33/28	
SE6K (SM6FZO, op)	2,418	32	26	SOULP	1.6	0/0	0/0	0/0	11/9	5/5	16/12	
SMØWRA	507	13	13	SOULP	0.9	0/0	0/0	2/2	1/1	5/5	5/5	
7S9A	30,702	243	43	SOUHP-40	12.0	0/0	0/0	243/43	0/0	0/0	0/0	
SG3O (SM3AGO, op)	585	16	13	SOLP-20	1.2	0/0	0/0	0/0	16/13	0/0	0/0	
SD1A (SM1TDE, op)	6,882	74	31	SOLP-15	3.3	0/0	0/0	0/0	0/0	74/31	0/0	
SMØN (SMØJCA, op)	3,075	43	25	SOUHP-15	2.6	0/0	0/0	0/0	0/0	43/25	0/0	
SM5X (SM5GMZ, op)	118,845	708	57	SOHP-10	14.0	0/0	0/0	0/0	0/0	0/0	708/57	
SM6BZV	20,475	178	39	SOLP-10	5.9	0/0	0/0	0/0	0/0	0/0	178/39	
SM7SMS	17,343	142	41	SOLP-10	9.1	0/0	0/0	0/0	0/0	0/0	142/41	
SM5KQS	5,544	66	28	SOLP-10	6.6	0/0	0/0	0/0	0/0	0/0	66/28	
SGØM (SAØAQT, op)	5,427	70	27	SOLP-10	5.0	0/0	0/0	0/0	0/0	0/0	70/27	
SM5GLC	726	22	11	SOLP-10	0.6	0/0	0/0	0/0	0/0	0/0	22/11	
SM6USS	672	17	14	SOLP-10	2.6	0/0	0/0	0/0	0/0	0/0	17/14	
SM2BLY	420	14	10	SOQRP-10	0.9	0/0	0/0	0/0	0/0	0/0	14/10	
SM3PZG	89,208	535	56	SOUHP-10	13.5	0/0	0/0	0/0	0/0	0/0	535/56	
SM5COP	9,801	99	33	SOUHP-10	3.7	0/0	0/0	0/0	0/0	0/0	99/33	
Switzerland												
HB9ARF	538,620	961	188	SOLP	23.9	1/1	81/24	162/40	266/38	272/46	179/39	
HB9AZZ	231,993	455	173	SOHP	21.5	0/0	57/24	102/39	62/25	136/43	98/42	
HB9GFT	144,942	417	119	SOHP	7.1	0/0	0/0	0/0	85/28	176/47	156/44	
HB9DCM	120,663	372	109	SOLP	11.3	0/0	0/0	34/16	42/15	104/35	192/43	
HB9CIC	115,968	307	128	SOLP	6.7	0/0	0/0	30/18	95/32	86/35	96/43	
HB9AFZ	33,966	156	74	SOHP	11.1	0/0	0/0	72/30	41/22	43/22	0/0	
HB9FMJ	33,069	155	73	SOLP	7.8	0/0	14/11	0/0	30/14	64/27	47/21	
HB9TWU	30,654	149	78	SOLP	12.5	0/0	0/0	40/25	27/12	55/28	27/13	
HB9DQL	1,356,168	1,891	242	SOUHP	19.6	7/7	65/27	152/38	537/53	616/58	514/59	
HB9AMO	631,353	928	229	SOULP	26.9	21/13	86/30	171/44	188/43	192/48	270/51	
HB9BXE	444,906	752	198	SOULP	12.4	2/2	21/13	72/36	142/40	280/52	235/55	
HB9AUK	408,204	793	174	SOUHP	20.8	0/0	23/17	98/28	257/41	158/41	257/47	
HB9IJC	264,204	549	164	SOUHP	13.5	12/9	91/22	46/21	87/26	151/43	162/43	
HB9HDV	214,248	474	158	SOULP	17.0	0/0	62/21	135/35	101/33	94/35	82/34	
HB9BXQ	166,380	472	118	SOULP	12.1	0/0	0/0	9/6	72/21	114/41	277/50	
HB9BAS	160,398	408	133	SOULP	14.7	0/0	0/0	42/19	106/34	88/35	172/45	
HB9FBM	144,024	357	136	SOUHP	5.7	0/0	0/0	40/25	122/36	96/39	99/36	
HB9LL (HB9TPN, op)	52,785	209	85	SOULP	10.6	0/0	0/0	60/27	30/15	49/21	70/22	
HB9IIH	23,310	118	70	SOULP	6.3	0/0	0/0	22/15	48/22	24/16	24/17	
HB9HFN	2,574	39	22	SOUHP	1.5	0/0	0/0	0/0	0/0	0/0	39/22	

HB9HTF	67,767	468	49	SOULP-40	12.1	0/0	0/0	468/49	0/0	0/0	0/0	
HB9TSU	60	5	4	SOLP-20	0.4	0/0	0/0	0/0	5/4	0/0	0/0	
HB9FBG	52,848	387	48	SOUHP-20	8.9	0/0	0/0	0/0	387/48	0/0	0/0	
HB9DOS	8,370	91	31	SOUHP-20	3.6	0/0	0/0	0/0	91/31	0/0	0/0	
HB9DCO	11,988	112	37	SOHP-10	4.4	0/0	0/0	0/0	0/0	0/0	112/37	
HB9FAP	132,573	757	59	SOUHP-10	13.1	0/0	0/0	0/0	0/0	0/0	757/59	
Ukraine												
UW1M	1,707,480	2,345	248	SOHP	32.0	15/8	254/34	567/53	420/48	589/55	500/50	
UT7NY	189,471	468	137	SOHP	14.7	0/0	11/9	81/28	75/29	47/25	254/46	
UT2UB	119,064	333	121	SOHP	8.9	0/0	0/0	70/28	60/27	113/35	90/31	
US7UK	118,590	340	118	SOLP	11.4	0/0	0/0	71/26	87/28	88/32	94/32	
UZ1U (US7UU, op)	117,972	346	116	SOHP	18.5	0/0	0/0	74/22	86/29	142/39	44/26	
UV1IX	117,810	410	102	SOHP	12.3	0/0	16/10	40/20	141/32	213/40	0/0	
UR7EC	109,347	293	127	SOLP	11.9	0/0	18/13	63/21	43/23	66/35	103/35	
UR7EZ	68,175	226	101	SOHP	16.9	0/0	0/0	107/30	16/12	49/26	54/33	
UR5UZ	62,730	247	85	SOLP	13.5	0/0	0/0	0/0	40/19	73/31	134/35	
UW3WF	57,405	216	89	SOLP	18.5	0/0	1/1	30/17	19/11	79/31	87/29	
UT3PA	51,300	187	95	SOLP	10.1	0/0	9/8	38/16	42/18	62/29	36/24	
UW7CN	39,150	178	75	SOLP	9.3	0/0	0/0	59/21	18/10	43/20	58/24	
UX1CL	36,972	161	78	SOLP	10.1	0/0	13/8	26/14	29/16	41/19	52/21	
UT3UZ	36,936	176	72	SOLP	10.5	0/0	10/6	17/12	15/9	63/23	71/22	
UR4LIN	15,147	103	51	SOHP	10.8	0/0	0/0	17/10	31/19	55/22	0/0	
UT7ZM	11,613	80	49	SOHP	7.0	0/0	0/0	44/22	5/5	20/14	11/8	
UT6ER	11,520	83	48	SOLP	5.1	0/0	0/0	31/15	9/7	28/14	15/12	
US5WBJ	6,222	61	34	SOLP	5.5	0/0	0/0	10/7	0/0	13/9	38/18	
UR5TGK	5,145	50	35	SOLP	4.2	0/0	0/0	0/0	13/11	22/14	15/10	
US7IA	3,045	37	29	SOLP	3.0	0/0	0/0	0/0	15/12	18/13	4/4	
UR5UJ	1,368	31	19	SOLP	2.7	0/0	1/1	29/17	1/1	0/0	0/0	
UR3CRO	75	5	5	SOQRP	0.2	0/0	0/0	0/0	0/0	3/3	2/2	
US2YW	2,347,830	2,807	285	SOUHP	33.1	26/14	165/41	685/57	549/56	812/59	570/58	
UY1HY	425,334	784	182	SOUHP	17.8	0/0	0/0	76/30	155/43	240/54	313/55	
UXØLL	420,282	790	181	SOULP	18.4	0/0	10/7	74/32	210/43	241/50	255/49	
UT5ECZ	366,795	745	165	SOUHP	17.0	0/0	99/20	130/33	128/31	150/40	238/41	
UT3EV	341,055	754	159	SOUHP	29.9	0/0	17/10	157/31	184/36	207/44	189/38	
US6EX	329,157	662	167	SOUHP	15.6	0/0	107/24	82/30	105/28	163/43	205/42	
UY7C	266,787	723	123	SOUHP	13.8	0/0	0/0	0/0	100/30	244/44	379/49	
UR5ECW	266,310	550	165	SOUHP	17.7	0/0	0/0	78/35	109/35	181/49	182/46	
UTØRM	245,430	615	135	SOUHP	11.8	0/0	9/7	58/23	33/19	219/44	296/42	
UR7HN	142,443	418	119	SOULP	17.2	0/0	15/9	125/36	111/33	167/41	0/0	
UR4CU	27,000	123	75	SOULP	3.9	0/0	0/0	32/19	21/17	44/22	26/17	
UW1WA	26,622	158	58	SOUHP	6.0	0/0	0/0	51/13	21/11	37/16	49/18	
UR5E (UR5EDX, op)	9,213	84	37	SOUHP	3.4	0/0	0/0	61/25	23/12	0/0	0/0	
UZ1RM	8,883	64	47	SOUHP	3.2	0/0	0/0	17/12	9/8	16/13	22/14	
UT3UV	7,344	75	34	SOUHP	3.9	0/0	0/0	0/0	0/0	53/21	22/13	

UT5C	4,200	50	28	SOULP	2.2	0/0	0/0	34/16	16/12	0/0	0/0	
UR5RP	912	22	16	SOULP	1.7	0/0	0/0	0/0	7/7	7/4	8/5	
UYØZG	756	21	12	SOHP-160	1.7	21/12	0/0	0/0	0/0	0/0	0/0	
UT6UD	576	18	12	SOUHP-160	2.0	18/12	0/0	0/0	0/0	0/0	0/0	
UT5UGR	30,294	298	34	SOHP-80	8.4	0/0	298/34	0/0	0/0	0/0	0/0	
UW7F (US5FEO, op)	105	7	5	SOLP-80	0.5	0/0	7/5	0/0	0/0	0/0	0/0	
UT3N (UT3NK, op)	2,040	43	17	SOUHP-80	1.9	0/0	43/17	0/0	0/0	0/0	0/0	
UT3QU	17,538	161	37	SOHP-40	5.5	0/0	0/0	161/37	0/0	0/0	0/0	
UT4WA	7,128	105	24	SOHP-40	6.7	0/0	0/0	105/24	0/0	0/0	0/0	
UY5QJ	4,347	63	23	SOLP-20	5.6	0/0	0/0	0/0	63/23	0/0	0/0	
UX1AA	26,082	211	42	SOULP-20	10.8	0/0	0/0	0/0	211/42	0/0	0/0	
UT1KT	858	22	13	SOULP-20	2.3	0/0	0/0	0/0	22/13	0/0	0/0	
UT7AA	1,782	34	18	SOQRP-15	9.0	0/0	0/0	0/0	0/0	34/18	0/0	
UX2HB	1,215	29	15	SOLP-15	1.5	0/0	0/0	0/0	0/0	29/15	0/0	
UR5WCW	41,601	284	49	SOULP-15	15.1	0/0	0/0	0/0	0/0	284/49	0/0	
UR5LAM	14,097	127	37	SOULP-15	8.4	0/0	0/0	0/0	0/0	127/37	0/0	
UR7R (UX1RX, op)	40,656	313	44	SOHP-10	10.2	0/0	0/0	0/0	0/0	0/0	313/44	
UR8RF	24,354	199	41	SOHP-10	7.3	0/0	0/0	0/0	0/0	0/0	199/41	
US5VX	22,263	183	41	SOQRP-10	12.4	0/0	0/0	0/0	0/0	0/0	183/41	
UW1WU	12,096	128	32	SOLP-10	7.5	0/0	0/0	0/0	0/0	0/0	128/32	
UY7RR	9,450	105	30	SOLP-10	4.3	0/0	0/0	0/0	0/0	0/0	105/30	
UT3QZ	6,156	77	27	SOLP-10	10.9	0/0	0/0	0/0	0/0	0/0	77/27	
UR5FEO	5,616	78	24	SOQRP-10	5.5	0/0	0/0	0/0	0/0	0/0	78/24	
UR7VA	1,836	36	17	SOLP-10	1.6	0/0	0/0	0/0	0/0	0/0	36/17	
UY5ZZ	97,470	581	57	SOULP-10	10.6	0/0	0/0	0/0	0/0	0/0	581/57	
UW5U (UY2UA, op)	26,076	215	41	SOULP-10	7.0	0/0	0/0	0/0	0/0	0/0	215/41	
UW5ZM	12,852	103	42	SOUHP-10	4.1	0/0	0/0	0/0	0/0	0/0	103/42	
UY5LW	10,800	122	30	SOUQRP-10	9.3	0/0	0/0	0/0	0/0	0/0	122/30	
UW5IM	9,000	103	30	SOULP-10	4.7	0/0	0/0	0/0	0/0	0/0	103/30	
UW7LL	4,128	44	32	SOUHP-10	0.7	0/0	0/0	0/0	0/0	0/0	44/32	
UW8U (UR5MID, op)	3,213	51	21	SOULP-10	1.8	0/0	0/0	0/0	0/0	0/0	51/21	
UT4UBZ	1,311	24	19	SOUQRP-10	2.6	0/0	0/0	0/0	0/0	0/0	24/19	
UTØEM	1,296	27	16	SOULP-10	2.8	0/0	0/0	0/0	0/0	0/0	27/16	
Wales												
MWØIDX	28,980	151	70	SOHP	5.7	0/0	4/3	30/14	23/13	21/10	73/30	
GW4HBK	14,952	91	56	SOLP	4.3	0/0	0/0	16/9	6/4	24/16	45/27	
GW4MM (GW4VXE, op)	25,245	192	45	SOHP-15	10.9	0/0	0/0	0/0	0/0	192/45	0/0	
GW4W (GW4EVX, op)	32,868	250	44	SOUHP-15	10.9	0/0	0/0	0/0	0/0	250/44	0/0	
GW7APP	27,456	211	44	SOUQRP-10	6.6	0/0	0/0	0/0	0/0	0/0	211/44	
Call	Score	QSOs	Mults	Category	Hours	160	80	40	20	15	10	Operator(s) and/or Host
North America												
Alaska												
KL7AC	798,303	1,434	187	SOLP	16.7	0/0	0/0	82/33	233/46	626/53	493/55	

TO4A (VE3DZ, op)	5,560,830	5,673	330	SOHP	43.5	226/40	552/55	986/59	1,212/58	1,371/59	1,326/59	
Mexico												
XE2I	491,355	939	179	SOLP	13.8	0/0	0/0	121/39	214/47	376/48	228/45	
XE2AU	87,216	324	92	SOLP	7.9	0/0	0/0	0/0	22/14	96/34	206/44	
XE2F	1,188	25	18	SOLP	1.6	0/0	0/0	0/0	0/0	16/11	9/7	
4A7L (XE1L, op)	24,156	124	66	SOULP	2.1	0/0	0/0	0/0	24/18	59/25	41/23	
XE1CT	151,902	886	58	SOHP-10	10.3	0/0	0/0	0/0	0/0	0/0	886/58	
XE1AQY	11,970	97	42	SOLP-10	5.8	0/0	0/0	0/0	0/0	0/0	97/42	
Panama												
HP1EUA	5,661	55	37	SOLP	2.0	0/0	0/0	25/17	3/2	11/8	16/10	
HP1XT	379,776	706	184	SOUHP	8.9	0/0	37/17	98/30	194/45	135/48	242/44	
Puerto Rico												
WP3C (N2TTA, op)	4,752	51	33	SOLP	0.5	0/0	0/0	0/0	17/13	34/20	0/0	
NP4Z	5,359,860	5,500	330	SOUHP	38.9	168/41	533/54	928/57	1,233/59	1,205/59	1,433/60	
KP3W	92,202	256	121	SOULP	14.3	0/0	20/10	60/24	62/24	53/32	61/31	
WP3E	18,144	99	63	SOULP	5.9	0/0	0/0	49/26	27/19	13/9	10/9	
NP4DX (WP3TT, op)	128,688	771	56	SOULP-20	7.4	0/0	0/0	0/0	771/56	0/0	0/0	
WP4WW (KP4JRS, op)	80,028	473	57	SOLP-10	4.3	0/0	0/0	0/0	0/0	0/0	473/57	
Saint Martin												
FS/KO1A (IZ3EYZ, op)	4,067,226	4,174	327	SOLP	40.5	145/38	581/57	770/58	768/57	903/58	1,007/59	
United Nations HQ												
4U1UN (KO8SCA, op)	185,928	515	122	SOLP	11.0	0/0	0/0	238/45	225/47	24/15	28/15	
US Virgin Islands												
KP2M (KT3Y, op)	3,681,600	3,858	320	SOHP	19.6	187/41	372/52	457/54	1,008/57	892/58	942/58	
NP2X (K9VV, op)	3,139,380	3,254	326	SOUHP	22.1	219/44	383/55	561/57	910/58	756/57	425/55	
NP2J (K8RF, op)	36,408	306	41	SOHP-160	11.8	306/41	0/0	0/0	0/0	0/0	0/0	
KP2B (WP3A, op)	108,216	677	54	SOULP-40	14.9	0/0	0/0	677/54	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												
VL2A (VK2IM, op)	508,500	1,146	150	SOHP	11.7	0/0	0/0	397/50	168/35	20/10	561/55	
VJ3A	439,020	829	180	SOHP	13.9	0/0	0/0	238/49	223/43	197/45	171/43	
VK7GN	153,600	418	128	SOHP	7.6	0/0	3/3	70/31	215/45	96/30	34/19	
VL2B (VK2BJ, op)	144,480	348	140	SOHP	4.3	0/0	11/9	62/30	50/26	109/38	116/37	
VK4JU	33,408	184	87	SOHP	6.8	0/0	0/0	24/18	7/4	70/30	83/35	
VL4A	31,974	161	73	SOLP	5.7	0/0	0/0	29/21	19/13	26/13	87/26	
VK7BO	19,488	117	56	SOHP	7.1	0/0	0/0	21/14	60/21	16/10	20/11	
VJ4O	3,864	47	28	SOLP	3.9	0/0	0/0	6/5	12/11	1/1	28/11	
VL2N (VK2PN, op)	351	13	9	SOHP	0.8	0/0	0/0	0/0	2/2	3/2	8/5	
VK2BM	147	7	7	SOLP	1.4	0/0	0/0	0/0	0/0	3/3	4/4	
VK5T	126	7	6	SOHP	0.3	0/0	0/0	0/0	0/0	0/0	7/6	
VK2CCC	12,882	118	38	SOQRP-40	6.9	0/0	0/0	118/38	0/0	0/0	0/0	
VK6W	7,482	89	29	SOLP-40	4.9	0/0	0/0	89/29	0/0	0/0	0/0	

VK4XU	4,620	61	28	SOLP-40	3.7	0/0	0/0	61/28	0/0	0/0	0/0	
VK4DRK	270	10	9	SOULP-40	1.6	0/0	0/0	10/9	0/0	0/0	0/0	
VK5MAV	462	14	11	SOLP-20	0.4	0/0	0/0	0/0	14/11	0/0	0/0	
VK6EA	18	3	3	SOLP-15	1.7	0/0	0/0	0/0	0/0	3/3	0/0	
VK2GR	105,840	640	56	SOHP-10	8.6	0/0	0/0	0/0	0/0	0/0	640/56	
VK4AFU	1,632	36	16	SOHP-10	4.8	0/0	0/0	0/0	0/0	0/0	36/16	
VK4SN	123,750	756	55	SOUHP-10	8.1	0/0	0/0	0/0	0/0	0/0	756/55	
VK3X (VK3GK, op)	2,508	38	22	SOUQRP-10	4.2	0/0	0/0	0/0	0/0	0/0	38/22	
Brunei Darussalam												
V85RH (JO1RUR, op)	611,424	1,180	176	SOHP	26.1	0/0	28/10	105/30	364/50	411/48	272/38	
Fiji												
3D2AG	187,872	621	103	SOHP	5.3	0/0	12/10	131/41	0/0	0/0	478/52	
Hawaii												
WH7W	203,580	472	145	SOHP	2.8	0/0	0/0	33/21	151/39	132/42	156/43	
KH6Y	38,325	184	73	SOHP	5.6	0/0	0/0	4/4	18/8	32/19	130/42	
KH7M (NA2U, op)	3,086,982	3,525	298	SOUHP	33.3	39/21	250/47	589/54	634/57	873/59	1,140/60	
KH6AQ	1,631,322	2,278	242	SOUHP	30.8	0/0	71/25	373/49	672/56	552/57	610/55	
WH6R	527,160	990	184	SOUHP	23.7	0/0	11/6	329/46	322/52	191/41	137/39	
AH7RF	648	19	12	SOQRP-20	2.9	0/0	0/0	0/0	19/12	0/0	0/0	
KH6CJJ	184,257	1,051	59	SOLP-10	14.4	0/0	0/0	0/0	0/0	0/0	1,051/59	
NH6O	4,368	56	28	SOQRP-10	2.7	0/0	0/0	0/0	0/0	0/0	56/28	
AH6KO	240,543	1,363	59	SOULP-10	17.7	0/0	0/0	0/0	0/0	0/0	1,363/59	
Indonesia												
YB1RKT	32,802	164	71	SOLP	12.3	0/0	0/0	22/10	28/16	75/26	39/19	
YB2IQ	28,161	155	63	SOHP	6.5	0/0	0/0	21/10	17/13	107/31	10/9	
YE1BON	19,152	176	42	SOHP	9.5	0/0	0/0	55/13	4/4	1/1	116/24	
YF8HYV	18,081	137	49	SOLP	11.4	0/0	0/0	80/15	20/15	23/11	14/8	
YB2MM	14,994	105	49	SOLP	6.8	0/0	0/0	1/1	11/10	43/21	50/17	
YC1LIN	14,685	100	55	SOHP	8.9	0/0	0/0	10/8	4/4	66/30	20/13	
YB7YGR	12,831	95	47	SOHP	7.1	0/0	0/0	21/12	0/0	43/24	31/11	
YB1MIG	11,664	88	48	SOLP	8.8	0/0	0/0	7/4	38/20	22/14	21/10	
YB9UA	8,085	78	35	SOLP	8.2	0/0	0/0	44/18	0/0	34/17	0/0	
YB9LCM	4,488	47	34	SOLP	4.7	0/0	0/0	7/7	0/0	13/9	27/18	
YG2BEB	2,394	40	21	SOLP	5.0	0/0	0/0	0/0	0/0	19/10	21/11	
YB8JEC	2,268	38	27	SOLP	5.2	0/0	0/0	20/14	0/0	18/13	0/0	
YC2XCD	1,581	35	17	SOLP	3.6	0/0	0/0	0/0	0/0	5/5	30/12	
YB9GDP	900	21	15	SOLP	2.1	0/0	0/0	16/11	3/3	0/0	2/1	
YCØRNC/1	576	18	12	SOLP	3.5	0/0	0/0	0/0	4/4	11/6	3/2	
YB3EDD	396	14	11	SOQRP	1.3	0/0	0/0	0/0	0/0	8/7	6/4	
YB7SKM	363	13	11	SOLP	1.9	0/0	0/0	5/4	0/0	4/3	4/4	
YD8IKY	270	11	9	SOLP	2.1	0/0	0/0	10/8	0/0	1/1	0/0	
YE8DWC	264	13	11	SOLP	1.8	0/0	0/0	7/5	0/0	6/6	0/0	
YC8GPH	54	11	3	SOHP	1.7	0/0	0/0	3/1	1/1	7/1	0/0	
YB1PEF	36	4	4	SOLP	0.6	0/0	0/0	0/0	0/0	2/2	2/2	

YG2BDN	9	3	3	SOLP	0.0	0/0	0/0	2/2	0/0	1/1	0/0	
YC2VOC	70,560	287	84	SOULP	6.2	0/0	0/0	33/11	12/8	103/34	139/31	
YB9ELS	34,344	170	72	SOULP	14.6	0/0	0/0	23/12	20/14	73/28	54/18	
YB1UUN	5,250	51	35	SOULP	3.7	0/0	0/0	8/6	6/5	33/21	4/3	
YB1BX	2,574	40	22	SOULP	4.0	0/0	0/0	0/0	8/6	6/6	26/10	
YB1IUQ	1,584	28	24	SOULP	4.9	0/0	0/0	9/8	1/1	9/7	9/8	
YF3FBV	1,344	36	14	SOULP	4.7	0/0	0/0	0/0	0/0	5/4	31/10	
YB8RW	12,960	159	30	SOLP-40	8.0	0/0	0/0	159/30	0/0	0/0	0/0	
YB1IQE	378	16	9	SOLP-40	1.5	0/0	0/0	16/9	0/0	0/0	0/0	
YB1TIA	357	17	7	SOQRP-40	2.1	0/0	0/0	17/7	0/0	0/0	0/0	
YC1RYX	135	9	5	SOLP-40	1.3	0/0	0/0	9/5	0/0	0/0	0/0	
YB2CTE	9	3	3	SOQRP-40	0.4	0/0	0/0	3/3	0/0	0/0	0/0	
YB2HKB	3	1	1	SOQRP-40	0.7	0/0	0/0	1/1	0/0	0/0	0/0	
YB1ROX	378	14	9	SOUHP-40	1.4	0/0	0/0	14/9	0/0	0/0	0/0	
YBØECT	2,340	39	20	SOHP-20	0.6	0/0	0/0	0/0	39/20	0/0	0/0	
YCØJOY	60	5	5	SOLP-20	1.0	0/0	0/0	0/0	5/5	0/0	0/0	
YB3COY	3	1	1	SOULP-20	0.0	0/0	0/0	0/0	1/1	0/0	0/0	
YC9FAR	13,566	135	34	SOLP-15	4.3	0/0	0/0	0/0	0/0	135/34	0/0	
YDØBCG	108	7	6	SOLP-15	1.3	0/0	0/0	0/0	0/0	7/6	0/0	
YD2UWF	6,156	77	27	SOULP-15	3.9	0/0	0/0	0/0	0/0	77/27	0/0	
YB1BML	5,040	63	28	SOULP-15	7.2	0/0	0/0	0/0	0/0	63/28	0/0	
YB1HR	1,188	40	11	SOLP-10	3.8	0/0	0/0	0/0	0/0	0/0	40/11	
YBØSAS	720	26	10	SOUHP-10	3.3	0/0	0/0	0/0	0/0	0/0	26/10	
YD2UFR	27	4	3	SOULP-10	1.1	0/0	0/0	0/0	0/0	0/0	4/3	
New Caledonia												
FK8IK	1,177,488	1,972	204	SOHP	23.1	0/0	0/0	458/51	421/49	496/51	597/53	
New Zealand												
ZL2AGY	469,989	933	169	SOHP	25.3	0/0	0/0	330/49	146/40	82/30	375/50	
ZL2AIM	1,275	25	17	SOHP	1.2	0/0	0/0	0/0	0/0	12/6	13/11	
ZM4T (ZL3IO, op)	1,742,976	2,198	267	SOUHP	28.6	0/0	201/47	593/56	397/53	352/53	655/58	
ZL1IF	493,020	927	180	SOUHP	19.0	0/0	0/0	271/49	308/48	121/34	227/49	
ZL2RX	19,293	110	59	SOUHP	9.2	0/0	0/0	35/20	33/16	19/9	23/14	
ZL4YY	1,764	28	21	SOUHP	2.8	0/0	0/0	11/10	12/7	4/3	1/1	
Philippines												
4D3X	245,220	690	122	SOHP	11.3	0/0	0/0	101/25	0/0	239/47	350/50	
DU2WAA	59,340	221	92	SOHP	11.4	0/0	0/0	18/9	23/18	75/31	105/34	
DU1WBX	4,275	59	25	SOLP	4.1	0/0	0/0	32/10	0/0	13/8	14/7	
N7ET/DU7	1,836	35	18	SOQRP	5.2	0/0	0/0	7/5	0/0	5/4	23/9	
DU3T	351,120	796	152	SOUHP	14.8	0/0	0/0	133/28	112/33	140/39	411/52	
DV3A (DU3TW, op)	19,845	153	45	SOUHP	2.3	0/0	0/0	18/11	0/0	0/0	135/34	
DW9KAY	468	14	12	SOULP	2.6	0/0	0/0	10/8	0/0	0/0	4/4	
DU1CX	72	6	4	SOLP-15	0.7	0/0	0/0	0/0	0/0	6/4	0/0	
DU1EV	14,310	162	30	SOLP-10	4.5	0/0	0/0	0/0	0/0	0/0	162/30	
4F3OM	6,699	84	29	SOQRP-10	5.5	0/0	0/0	0/0	0/0	0/0	84/29	

Call	Score	QSOs	Mults	Category	Hours	160	80	40	20	15	10	Operator(s) and/or Host
South America												
Argentina												
LW3DC	240,720	603	136	SOLP	16.0	0/0	0/0	32/16	126/34	121/34	324/52	
LU1AW	150,288	421	124	SOLP	7.3	0/0	0/0	0/0	120/40	110/38	191/46	
LU6OA	57,339	290	69	SOHP	5.6	0/0	9/8	27/14	0/0	0/0	254/47	
LW2DX	50,808	237	73	SOLP	8.2	0/0	0/0	0/0	56/26	0/0	181/47	
LT6M (LU8MHL, op)	1,412,376	2,437	196	SOUHP	25.4	0/0	0/0	58/29	815/56	483/53	1,081/58	
LU8YE (LU7YS, op)	132,135	391	115	SOUHP	3.8	0/0	0/0	0/0	140/39	129/41	122/35	
LU1DJX	216	10	9	SOULP	2.3	0/0	0/0	0/0	0/0	3/3	7/6	
LU5DF	12	2	2	SOLP-80	1.5	0/0	2/2	0/0	0/0	0/0	0/0	
LU7DW (VE3AP, op)	90	6	5	SOHP-40	1.9	0/0	0/0	6/5	0/0	0/0	0/0	
LU6UO	57,375	384	51	SOHP-15	7.7	0/0	0/0	0/0	0/0	384/51	0/0	
LW1D (LW1EUD, op)	33,660	271	44	SOHP-15	5.6	0/0	0/0	0/0	0/0	271/44	0/0	
LU8DPM (LU5WW, op)	289,689	1,596	61	SOHP-10	26.4	0/0	0/0	0/0	0/0	0/0	1,596/61	
LW1F (LU5FC, op)	283,320	1,607	60	SOHP-10	26.7	0/0	0/0	0/0	0/0	0/0	1,607/60	
LU4HK	51,264	367	48	SOLP-10	6.6	0/0	0/0	0/0	0/0	0/0	367/48	
LW8DXR	47,190	291	55	SOHP-10	6.9	0/0	0/0	0/0	0/0	0/0	291/55	
LU3MAM	14,616	118	42	SOHP-10	1.3	0/0	0/0	0/0	0/0	0/0	118/42	
LU2DX	8,670	86	34	SOLP-10	1.0	0/0	0/0	0/0	0/0	0/0	86/34	
LU3WC	148,422	870	58	SOUHP-10	14.9	0/0	0/0	0/0	0/0	0/0	870/58	
LW5HR	131,688	754	59	SOULP-10	22.3	0/0	0/0	0/0	0/0	0/0	754/59	
LT7D	43,758	296	51	SOUQRP-10	10.8	0/0	0/0	0/0	0/0	0/0	296/51	
LW1EXU	3,300	51	25	SOUQRP-10	5.0	0/0	0/0	0/0	0/0	0/0	51/25	
Aruba												
P44W (W2GD, op)	4,203,444	4,355	326	SOULP	40.5	99/34	482/55	837/58	766/58	1,064/60	1,107/61	
Brazil												
PY2OP	174,906	487	123	SOLP	12.9	0/0	0/0	0/0	85/35	126/40	276/48	
PY2XL	130,050	440	102	SOLP	15.5	0/0	0/0	6/5	2/2	206/46	226/49	
PV8DX	57,327	202	97	SOHP	1.9	0/0	0/0	8/7	28/20	55/25	111/45	
PY3AU	46,182	181	86	SOLP	8.8	0/0	0/0	0/0	27/18	71/33	83/35	
PY2KDU	38,016	266	66	SOHP	13.4	0/0	0/0	16/13	5/5	5/3	240/45	
PP8ZAC	34,038	191	61	SOLP	5.8	0/0	0/0	0/0	0/0	28/19	163/42	
PY4ARS	21,390	117	62	SOLP	4.8	0/0	0/0	20/13	8/8	7/6	82/35	
PY2MIA	6,708	54	43	SOLP	5.0	0/0	0/0	5/5	6/6	19/13	24/19	
PP5RB	4,992	57	32	SOLP	6.1	0/0	0/0	0/0	1/1	11/9	45/22	
PY1VOY	450	15	10	SOHP	0.8	0/0	0/0	0/0	1/1	0/0	14/9	
PY7OJ	330	12	10	SOLP	0.6	0/0	0/0	1/1	0/0	6/4	5/5	
PY2BN	90	6	6	SOQRP	0.4	0/0	0/0	0/0	0/0	0/0	6/6	
PY6FX	27	3	3	SOLP	0.5	0/0	0/0	0/0	0/0	0/0	3/3	
PR7KSA	6	2	2	SOLP	0.5	0/0	0/0	0/0	0/0	0/0	2/2	
PY5AMF	883,548	1,481	202	SOUHP	23.2	0/0	24/14	123/36	149/41	470/54	715/57	
PY2BBQ	88,236	268	114	SOULP	8.4	0/0	0/0	22/14	80/33	45/24	121/43	

PT7CG	82,800	300	100	SOULP	5.8	0/0	0/0	54/25	187/44	59/31	0/0	
PY2FSR	81,300	279	100	SOULP	8.8	0/0	0/0	1/1	43/25	134/40	101/34	
PY1JR	66,528	230	99	SOULP	8.9	0/0	0/0	16/11	47/23	85/29	82/36	
PY3OZ	42,624	225	64	SOULP	2.2	0/0	0/0	0/0	0/0	33/19	192/45	
PY2OT	21,879	145	51	SOULP	8.5	0/0	0/0	0/0	4/4	9/8	132/39	
PU2MLO	16,287	105	61	SOUQRP	8.8	0/0	0/0	4/4	0/0	29/20	72/37	
PY5IQ	12,474	102	54	SOULP	11.8	0/0	0/0	16/10	24/14	7/6	55/24	
PY2ATR	5,022	60	31	SOUQRP	4.8	0/0	0/0	0/0	0/0	0/0	60/31	
PY2EU	3,060	43	30	SOUHP	3.8	0/0	0/0	0/0	1/1	7/6	35/23	
PY1KB	2,340	32	26	SOULP	2.3	0/0	0/0	0/0	1/1	9/8	22/17	
PY4DK	2,304	35	24	SOULP	2.7	0/0	0/0	4/4	1/1	8/4	22/15	
PY2RSA	1,458	27	18	SOULP	0.8	0/0	0/0	0/0	0/0	23/14	4/4	
PY2OKB	1,071	24	21	SOULP	4.3	0/0	0/0	1/1	10/9	1/1	12/10	
PY1FI	768	18	16	SOULP	1.6	0/0	0/0	0/0	9/9	0/0	9/7	
ZV2F (PY2SFA, op)	189	9	7	SOULP	0.3	0/0	0/0	0/0	3/3	1/1	5/3	
PY4ME	9,309	114	29	SOHP-40	4.9	0/0	0/0	114/29	0/0	0/0	0/0	
PY5FB	82,680	551	52	SOUHP-40	18.1	0/0	0/0	551/52	0/0	0/0	0/0	
PY2NY	142,956	853	57	SOLP-20	14.4	0/0	0/0	0/0	853/57	0/0	0/0	
ZZ5K (PP5RT, op)	117,810	769	55	SOLP-20	14.5	0/0	0/0	0/0	769/55	0/0	0/0	
PY3TD	54,432	399	48	SOLP-20	25.9	0/0	0/0	0/0	399/48	0/0	0/0	
PR7AR	22,302	215	42	SOLP-20	3.9	0/0	0/0	0/0	215/42	0/0	0/0	
PY6TS	37,083	284	47	SOULP-20	5.3	0/0	0/0	0/0	284/47	0/0	0/0	
PY2XJ	969	26	17	SOUHP-20	1.5	0/0	0/0	0/0	26/17	0/0	0/0	
PT9DX	42,018	303	47	SOLP-15	6.7	0/0	0/0	0/0	0/0	303/47	0/0	
PQ8RS	5,427	73	27	SOLP-15	6.5	0/0	0/0	0/0	0/0	73/27	0/0	
PP5ZX	48	4	4	SOLP-15	0.1	0/0	0/0	0/0	0/0	4/4	0/0	
PY1FW	12	2	2	SOQRP-15	0.2	0/0	0/0	0/0	0/0	2/2	0/0	
PY3MM/PT9	109,200	693	56	SOULP-15	16.4	0/0	0/0	0/0	0/0	693/56	0/0	
PU8YPL	30	5	5	SOULP-15	1.0	0/0	0/0	0/0	0/0	5/5	0/0	
PY2EX	127,020	742	58	SOLP-10	10.1	0/0	0/0	0/0	0/0	0/0	742/58	
PY2WMW	29,046	211	47	SOLP-10	9.4	0/0	0/0	0/0	0/0	0/0	211/47	
PU4MMZ	28,059	203	47	SOLP-10	8.0	0/0	0/0	0/0	0/0	0/0	203/47	
PY1MK	25,488	179	48	SOLP-10	6.4	0/0	0/0	0/0	0/0	0/0	179/48	
PT2AW	11,016	106	36	SOLP-10	1.3	0/0	0/0	0/0	0/0	0/0	106/36	
PU2TWZ	10,296	109	44	SOQRP-10	6.2	0/0	0/0	0/0	0/0	0/0	109/44	
PY2ANH	5,307	61	29	SOLP-10	3.6	0/0	0/0	0/0	0/0	0/0	61/29	
PY2SG	1,425	29	19	SOQRP-10	4.9	0/0	0/0	0/0	0/0	0/0	29/19	
PU5SVE	864	22	16	SOLP-10	1.7	0/0	0/0	0/0	0/0	0/0	22/16	
PV8DR	663	20	13	SOLP-10	1.0	0/0	0/0	0/0	0/0	0/0	20/13	
PY3LX	462	15	11	SOHP-10	1.2	0/0	0/0	0/0	0/0	0/0	15/11	
PY1NP	294	14	7	SOLP-10	1.5	0/0	0/0	0/0	0/0	0/0	14/7	
PY1NSC	270	11	9	SOLP-10	0.9	0/0	0/0	0/0	0/0	0/0	11/9	
PU3POE	198	12	11	SOLP-10	2.2	0/0	0/0	0/0	0/0	0/0	12/11	
PV8AJ	48	5	4	SOLP-10	0.8	0/0	0/0	0/0	0/0	0/0	5/4	

ZW5B (LU8EOT, op)	278,160	1,544	61	SOUHP-10	27.1	0/0	0/0	0/0	0/0	0/0	1,544/61
PR2R (PY2ZEA, op)	240,645	1,325	61	SOUHP-10	20.6	0/0	0/0	0/0	0/0	0/0	1,325/61
PY5ZHP	126,846	743	58	SOUHP-10	16.1	0/0	0/0	0/0	0/0	0/0	743/58
PV2K (PY2KNK, op)	97,680	610	55	SOUHP-10	13.5	0/0	0/0	0/0	0/0	0/0	610/55
PY4XX	90,306	531	58	SOULP-10	13.8	0/0	0/0	0/0	0/0	0/0	531/58
PY2RH	47,550	329	50	SOULP-10	3.3	0/0	0/0	0/0	0/0	0/0	329/50
PY2UDB	43,146	284	51	SOULP-10	9.2	0/0	0/0	0/0	0/0	0/0	284/51
PY1SAD	35,850	253	50	SOULP-10	10.0	0/0	0/0	0/0	0/0	0/0	253/50
PY1ZV	34,272	237	51	SOUHP-10	2.9	0/0	0/0	0/0	0/0	0/0	237/51
PY1DX	15,498	134	42	SOULP-10	4.6	0/0	0/0	0/0	0/0	0/0	134/42
PY1CMT	11,520	103	40	SOULP-10	5.4	0/0	0/0	0/0	0/0	0/0	103/40
PU2OGQ	10,212	97	37	SOULP-10	5.3	0/0	0/0	0/0	0/0	0/0	97/37
PU1JSV	6,603	71	31	SOULP-10	4.7	0/0	0/0	0/0	0/0	0/0	71/31
PY1KO	6,432	69	32	SOULP-10	5.5	0/0	0/0	0/0	0/0	0/0	69/32
PU2USK	1,254	26	19	SOULP-10	1.7	0/0	0/0	0/0	0/0	0/0	26/19
PY5AKW	1,125	30	15	SOUHP-10	1.7	0/0	0/0	0/0	0/0	0/0	30/15
PU2NBI	672	20	14	SOULP-10	1.2	0/0	0/0	0/0	0/0	0/0	20/14
PY2WLM	576	20	16	SOULP-10	1.4	0/0	0/0	0/0	0/0	0/0	20/16
PY3TR	12	2	2	SOUHP-10	0.0	0/0	0/0	0/0	0/0	0/0	2/2
Chile											
XR1D (XQ4CW, op)	164,862	390	142	SOLP	6.2	0/0	0/0	79/30	39/23	104/38	168/51
CE2DX	160,020	466	127	SOUHP	8.3	0/0	0/0	6/6	67/30	132/43	261/48
XQ1KZ	102,960	640	55	SOUHP-15	7.2	0/0	0/0	0/0	0/0	640/55	0/0
CE1EW	3	1	1	SOLP-10	0.4	0/0	0/0	0/0	0/0	0/0	1/1
CB3R (XQ3SK, op)	255,606	1,487	58	SOUHP-10	26.1	0/0	0/0	0/0	0/0	0/0	1,487/58
Colombia											
HK3C	14,553	104	49	SOUHP	3.5	0/0	0/0	0/0	36/17	14/9	54/23
HK4KM	1,500	28	25	SOUQRP	4.7	0/0	0/0	4/4	4/4	14/12	6/5
HK1MW	161,595	991	57	SOHP-10	12.1	0/0	0/0	0/0	0/0	0/0	991/57
Ecuador											
HC2GRC (HC2AO, op)	386,691	829	157	SOLP	5.3	0/0	0/0	17/15	233/44	212/47	367/51
Paraguay											
ZP5AA (K2IN, op)	1,742,364	2,539	234	SOUHP	30.6	0/0	37/23	248/48	535/50	608/55	1,111/58
ZP9MCE	192	9	8	SOHP-20	0.3	0/0	0/0	0/0	9/8	0/0	0/0
Peru											
OA4SS	951,534	1,593	201	SOHP	16.9	0/0	0/0	237/45	295/47	684/55	377/54
OA4ASD	65,793	245	91	SOUQRP	5.4	0/0	0/0	4/4	76/30	97/29	68/28
OA4EA (EA7TN, op)	29,952	210	48	SOULP-10	4.6	0/0	0/0	0/0	0/0	0/0	210/48
Trinidad & Tobago											
9Z4A (N2TTA, op)	25,134	143	59	SOLP	2.2	0/0	0/0	96/31	47/28	0/0	0/0
9Z4Y	199,230	1,208	58	SOULP-20	21.3	0/0	0/0	0/0	1,208/58	0/0	0/0
Uruguay											
CX9AU	322,758	786	139	SOLP	17.1	0/0	0/0	9/7	298/48	179/33	300/51
CX1CAN	4,743	51	31	SOLP	4.3	0/0	0/0	0/0	2/2	7/7	42/22

Venezuela												
YV8AD	113,700	390	100	SOLP	7.9	0/0	0/0	0/0	47/22	107/34	236/44	
YV6BXN	64,350	451	50	SOLP-40	8.5	0/0	0/0	451/50	0/0	0/0	0/0	
YW6CQ (YV6BXN, op)	54,009	362	51	SOLP-15	4.7	0/0	0/0	0/0	0/0	362/51	0/0	

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												
Algeria												
7U7EE	164,160	477	120	MSLP	9.7	0/0	0/0	71/22	200/33	72/29	134/36	(Ops: 7X2TT, 7X5AV)
Madeira Islands												
CR3W	7,384,608	7,424	333	M2	42.6	180/39	568/55	1,607/60	1,602/60	1,671/58	1,796/61	(Ops: DK7YY, DL5AXX, DL5LYM)
Call												
Score												
QSOs												
Mults												
Category												
Hours												
160												
80												
40												
20												
15												
10												
Operator(s) and/or Host												
Asia												
Asiatic Russia												
UAØD	1,005,660	1,539	222	MSHP	35.0	10/6	74/24	322/47	380/46	356/50	397/49	(Ops: RNØD, UAØDBX, UAØDM, UAØDX)
RK9CYA	16,665	104	55	MSHP	4.8	0/0	0/0	12/10	64/29	26/14	2/2	(Ops: RK9CR, UC8C)
R8LA	14,664	111	47	MSHP	3.9	0/0	0/0	0/0	101/38	10/9	0/0	(Ops: R8LA, R8LAM)
RZ9L	298,368	682	148	M2	22.0	0/0	0/0	130/41	355/52	153/39	44/16	(Ops: R9LAD, RU9LA)
RMØW	4,350	57	29	MM	4.6	0/0	0/0	0/0	0/0	57/29	0/0	(Ops: RMØW)
China												
BY4DX	85,848	300	98	MSLP	13.2	0/0	0/0	41/12	22/15	130/38	107/33	(Ops: BD7JNA, BG4GOV, BG4HYK, BH3BBJ, BI4VIP)
BH4CAC	10,692	105	36	MSLP	10.1	0/0	1/1	29/8	0/0	28/12	47/15	(Ops: BH4CAC)
BD1KV	805,968	1,442	193	MM	23.6	0/0	4/3	184/40	353/50	556/53	345/47	(Ops: BA1RB, BD1IJ, BD1KV, BD1RX, BG1DX, BH1AUJ, BH1DYK)
Japan												
JH4UYB	1,788,096	2,255	268	MSHP	31.7	28/13	155/41	346/51	469/54	556/53	701/56	(Ops: JA1FXR, JH4UYB)
JG6YLY	319,317	660	163	MSHP	24.8	2/2	36/11	150/37	90/30	239/46	143/37	(Ops: JA6BXA, JA6VZB, JF6DEA)
JJ2YDV	34,680	173	68	MSLP	10.2	0/0	3/3	18/9	20/7	64/22	68/27	(Ops: JF2RCX, JG2KGS, JI2QIX, JS2PHO)
JL3ZHU	13,230	107	42	MSHP	6.6	0/0	0/0	11/7	22/10	33/13	41/12	(Ops: JL3RDC, JR3TQP)

YP8T	334,125	838	135	MSHP	11.6	0/0	0/0	307/39	237/46	291/48	3/2	(Ops: YO8TTT, YO8XBA)
YO3GNF	21,204	126	57	MM	3.9	0/0	0/0	48/18	9/6	63/29	6/4	(Ops: YO3FWL, YO3GNF)
Slovak Republic												
OMØR	4,872,375	5,377	305	M2	46.3	96/24	439/45	1,232/58	849/58	1,357/60	1,404/60	(Ops: OM3BH, OM3GI, OM8CW)
Spain												
EA5RS	4,172,154	4,367	322	MSHP	46.7	164/34	347/50	792/59	1,186/60	1,012/59	866/60	(Ops: EA5BWR, EA5FID, EA5RS, EA5U, EB5A)
ED1R	5,458,890	5,871	314	M2	46.1	118/28	448/48	1,375/59	1,364/60	1,320/59	1,246/60	(Ops: DH1TW, DJ4MX, EA1TL, EA4AOC, EA4R, EA4TX, EB1RL, EC1KR)
Sweden												
SB3W	1,674,750	2,263	250	MSHP	44.0	2/2	34/18	503/56	632/58	582/58	510/58	(Ops: SM3RAB, SM3VAC)
SK3W	1,143,480	1,481	260	MSHP	16.9	39/17	99/30	417/55	209/50	239/49	478/59	(Ops: SM3SGP, SM5IMO)
SKØQO	511,257	912	193	MSHP	29.3	0/0	29/14	135/40	212/37	232/49	304/53	(Ops: SAØBJL, SMØDCD, SMØDSF, SMØDSG, SMØFDO, SMØNUE, SM5OUU)
Ukraine												
EM5K	1,796,256	2,398	252	MSHP	39.1	0/0	167/28	719/56	482/55	550/58	480/55	(Ops: UT5EL, UW5KW, UXØKR)
Call	Score	QSOs	Mults	Category	Hours	160	80	40	20	15	10	Operator(s) and/or Host
North America												
Alaska												
KL7RA	6,565,440	6,906	320	MM	48.0	80/29	429/52	1,220/59	1,495/59	1,890/60	1,792/61	(Ops: KF2T, KLØR, KL7SB, WB2TQE, WJ2O)
Bahamas												
C6ANM	1,564,434	2,185	243	MSLP	24.0	0/0	326/43	515/49	487/52	433/51	424/48	(Ops: N1GN, NE1B)
Belize												
V3T	4,653,000	4,755	330	MSLP	48.0	181/41	667/57	1,012/59	776/56	1,050/59	1,069/58	(Ops: K5PI, VA7DX, VE7KW, W5MJ, WCØT, WCØW, WWØG)
Cayman Islands												
ZF1A	6,967,230	6,602	355	MSHP	48.0	340/52	806/60	1,272/61	1,353/60	1,353/61	1,478/61	(Ops: N6MJ, NN1C, W9KKN)
ZF5T	5,122,818	5,060	342	MSLP	48.0	281/51	578/55	988/60	1,075/59	875/58	1,263/59	(Ops: K5GO, W1VE, W5SJ)
Cuba												
T48K	6,994,896	6,869	344	M2	42.6	409/48	827/58	1,374/58	1,330/58	1,509/61	1,420/61	(Ops: CO8KA, CO8ZZ, OH2TA, SMØDRD, SM2U)
Mexico												
4A7S	3,643,752	3,810	322	MSHP	42.1	205/48	372/48	618/54	1,037/57	673/58	905/57	(Ops: XE2S, XE2T)
Puerto Rico												
KP4AA	7,004,880	6,824	345	M2	48.0	297/49	695/56	1,042/60	1,408/59	1,589/60	1,793/61	(Ops: KP4AA, ND3F, WP3TT)
Turks & Caicos Islands												
VP5K	5,695,299	5,756	333	MSHP	48.0	365/47	522/53	1,084/58	1,364/58	1,341/59	1,080/58	(Ops: ACØW, KØPC)
Call	Score	QSOs	Mults	Category	Hours	160	80	40	20	15	10	Operator(s) and/or Host
Oceania												

Hawaii												
KH6LC	6,011,766	6,219	326	M2	41.0	82/33	571/54	1,220/60	968/58	1,597/60	1,781/61	(Ops: KH6LC, NH6V, W6NV, W7EE)
New Zealand												
ZL3X	2,329,008	3,275	242	M2	38.9	0/0	24/15	548/56	703/54	816/58	1,184/59	(Ops: ZL3AB, ZL3GA, ZL3PAH)
Vanuatu												
YJØA	1,186,203	1,721	233	MSHP	30.3	0/0	79/36	507/55	260/43	255/45	620/54	(Ops: K7AR, W7YAQ)
Call	Score	QSOs	Mults	Category	Hours	160	80	40	20	15	10	Operator(s) and/or Host
South America												
Aruba												
P4ØL	6,180,624	6,084	342	MSHP	48.0	277/49	673/55	1,087/59	1,210/59	1,296/59	1,541/61	(Ops: KX7M, WØYK, W6LD)
P4ØN	5,610,528	5,889	322	M2	38.6	141/35	497/52	945/57	1,221/59	1,487/59	1,598/60	(Ops: EA5KA, EA7X)
Bonaire												
PJ4A	5,957,823	5,958	337	MSHP	48.0	289/45	727/54	1,028/60	1,229/58	1,162/59	1,523/61	(Ops: K2NG, NE9U)
Brazil												
PY1AA	72,324	300	84	MSLP	5.8	0/0	0/0	0/0	111/38	2/2	187/44	(Ops: PU2ONX, PY1AA, PY1AX, PY1PP)
Curacao												
PJ2T	9,316,566	9,163	343	MM	48.0	446/47	1,010/57	1,716/59	1,754/60	2,136/59	2,101/61	(Ops: K7TQ, K8ND, KB7Q, N7IR, N7NR, NF9V, WØCG, W8WTS, W9NJY, W19WI)

Checklogs: BH6KOK, CX2AQ, DF2KK, DF2SD, DF8TY, DGØKS, DJ4DX, DK8ZZ, DL1RNT, DL3TC, DL4ZBY, DL8WAZ, DO5NU, E74O, EA4KG, EA4OR, EA7BJ, EA8TR, EC1DD, EC7C, EI7CC, F5NZY, HAØDR, HA8CQ, HB9EP, HB9GNY, HB9HRJ, HB9TZU, IK1YDB, IO5O, IZ2EJU, JH6TNH, JJØMPK, JN1RVS, LA1U, LB8DC, LY2BAA, LY2BNL, LY2CO, LY2X, LY5G, LZ1JZ, LZ1ND, LZ1YF, LZ1YR, LZ7DX, OK1DWC, OK1FHI, OK2BOB, OK2CSU, OK2FB, OK2PAY, OK4MM, ON6MG, PAØVAJ, PA3I, PT7BI, PY2NA, RØRG, R1DX, R2RA, R3XCJ, R9AB, RA6YDX, RM2A, RN4CA, RWØLCN, RW3RN, S52WW, S59T, SMØQ, SM3CZS, SM3EVR, SM5GMZ, SM7N, SM7PEV, SP2FOV, SP3JIA, SP6NIN, SP6TRH, SP7MFR, SP7OGP, SP7Y, SP9GMI, SV2FWV, UTØRS, UT5NR, UZ7E, YL2TD, YO5LD.