

2017 IARU HF World Championships - Line Scores

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:												
MSHP, =, Multioperator,, Single, Transmitter,, High, Power												
Call	Score	QSOs	Mults	Category	160	80	40	20	15	10	Operator(s) and/or Host	
Zone 1												
Alaska												
KL2R	74,115	335	61	SO-CW-HP	0/0	0/0	17/5	294/46	28/10	0/0	N1TX	
KL7XU	6,031	51	37	SOU-MIX-LP	0/0	1/1	6/4	45/32	0/0	0/0		
Zone 2												
Canada												
Alberta												
VE6ISH	8,960	80	40	SO-PH-LP	0/0	0/0	26/10	58/30	0/0	0/0		
British Columbia												
VE7BGP	2,640	40	24	SO-MIX-LP	0/0	0/0	0/0	33/21	8/3	0/0		
VE7JKZ	69,000	324	69	SO-CW-HP	9/4	68/12	132/24	121/29	0/0	0/0		
VE7XF	318,696	678	147	SOU-CW-HP	33/8	95/17	224/33	250/73	78/14	3/2		
VA7DX	217,712	778	88	SOU-CW-HP	17/6	62/9	269/23	270/33	151/14	18/3		
VE7KW	213,824	682	104	SOU-CW-HP	40/8	141/16	216/29	213/30	75/18	10/3		
VE7IO	7,344	76	36	SOU-CW-HP	18/8	20/8	0/0	29/16	13/4	0/0		
CF7MM	17,116	121	44	MSHP	5/3	22/7	52/14	46/19	1/1	0/0	VA7MM VE7CNF	
Zone 3												
Canada												

Manitoba												
VE4VJR	4,680	56	30	SO-PH-LP	0/0	9/4	19/7	29/19	0/0	0/0		
VE4CEM	2,508	44	19	SO-PH-LP	0/0	0/0	0/0	48/19	0/0	0/0		
Saskatchewan												
VE5FN	476	24	7	SO-PH-LP	0/0	0/0	0/0	28/7	0/0	0/0		
VE5ZX	150,024	474	94	SO-CW-HP	0/0	17/3	142/26	312/56	26/9	0/0		
VE5MX	45,489	227	59	SOU-CW-HP	0/0	0/0	8/5	213/50	6/4	0/0		
Call	Score	QSOs	Mults	Category	160	80	40	20	15	10	Operator(s) and/or Host	
Zone 4												
Canada												
Greater Toronto Area												
CG3AT	2,120,000	2,430	250	SO-MIX-HP	76/11	279/41	586/66	1,235/76	278/47	23/9	VE3AT	
VE3XB	357,240	756	156	SO-CW-LP	39/6	237/26	195/43	216/54	60/18	20/9		
VA3EC	86,760	312	90	SO-CW-LP	3/3	35/7	82/26	175/45	23/9	0/0		
VE3MDX	1,722	30	21	SO-CW-LP	0/0	0/0	29/18	4/3	0/0	0/0		
VE3RZ	272,426	529	154	SOU-MIX-HP	0/0	21/14	135/49	338/73	30/14	6/4		
VE3MV	139,095	431	99	SOU-MIX-LP	0/0	35/8	86/23	247/52	63/15	2/1		
VA3LR	11,186	84	47	SOU-PH-HP	0/0	4/3	24/14	49/26	8/4	0/0		
VE3HEU	3,910	54	23	SOU-CW-LP	0/0	0/0	60/23	0/0	0/0	0/0		
Ontario East												
VA3QWW	2,840	48	20	SO-MIX-LP	0/0	0/0	0/0	28/10	20/10	0/0		
VA3TPS	63,492	276	78	SO-PH-LP	0/0	19/11	103/20	142/33	22/13	1/1		
VA3ZNQ	43,520	172	85	SO-PH-HP	0/0	1/1	40/26	99/40	31/17	1/1		
VE3HED	29,054	138	73	SO-PH-HP	0/0	0/0	29/21	97/42	15/9	1/1		
VA3GD	21,360	120	60	SO-PH-LP	0/0	0/0	7/5	82/39	27/14	4/2		
VA3TIC	19,360	138	40	SO-PH-HP	0/0	2/1	19/11	118/25	5/3	0/0		
VA3MYC	81	9	3	SO-PH-QRP	0/0	0/0	1/1	6/1	2/1	0/0		
VE3KP	231,678	613	122	SO-CW-HP	27/9	146/17	171/42	238/43	39/11	0/0		
VA3SB	185,606	527	106	SO-CW-LP	0/0	2/2	190/43	316/50	33/11	0/0		
VE3IAE	129,574	404	103	SO-CW-LP	0/0	32/11	79/20	229/54	50/14	15/4		
VE3OM	45,000	183	72	SO-CW-LP	0/0	0/0	0/0	141/58	40/12	2/2		

VE3VN	32,361	149	67	SO-CW-LP	0/0	26/16	23/7	99/43	1/1	0/0	
VE3RDE	15,088	128	41	SO-CW-LP	0/0	0/0	31/16	101/25	0/0	0/0	
VE3IGJ	5,000	88	20	SO-CW-QRP	1/1	23/6	12/4	48/8	6/1	0/0	
VA3PCJ	693	19	11	SO-CW-LP	0/0	0/0	5/2	14/9	0/0	0/0	
VE3PJ	180,926	483	122	SOU-MIX-LP	0/0	19/7	180/34	206/56	91/22	7/3	
VE3VV	22,550	111	82	SOU-CW-HP	0/0	13/12	27/26	72/44	0/0	0/0	
VE3JSQ	3,129	37	21	SOU-CW-LP	0/0	0/0	21/10	17/7	7/4	0/0	
VE3UTT	652,326	1,041	174	MSHP	0/0	0/0	164/57	706/79	178/30	8/8	VE3EY VE3UTT
Ontario North											
VE3CX	862,662	1,456	183	SOU-CW-HP	66/9	163/24	277/45	523/65	367/30	77/10	
Ontario South											
VE3CV	103,847	309	113	SO-MIX-LP	6/4	29/13	64/25	185/57	32/14	0/0	
VE3NJE	1,066	30	13	SO-PH-LP	0/0	0/0	0/0	31/13	0/0	0/0	
K2NV/VE3	32,708	207	52	SO-CW-LP	0/0	0/0	31/12	168/35	9/4	1/1	K2NV
VE3RCN	3,520	54	22	SO-CW-LP	0/0	3/1	7/4	30/11	11/4	4/2	
VA3FN	1,980	33	20	SO-CW-LP	0/0	0/0	12/5	25/15	0/0	0/0	
VA3DF	425,040	731	176	SOU-MIX-LP	0/0	143/24	177/52	350/73	67/27	0/0	
VA3WNO	4,770	57	30	SOU-MIX-LP	0/0	24/6	12/9	21/15	0/0	0/0	
VE3JSO	8,382	90	33	SOU-PH-LP	0/0	0/0	14/9	72/20	7/4	0/0	
VE3MZD	5,215	53	35	SOU-PH-LP	0/0	0/0	3/3	43/24	6/6	2/2	
VA3WU	1,924	28	26	SOU-PH-LP	0/0	0/0	8/6	21/20	0/0	0/0	
VE3MGY	247,086	781	106	SOU-CW-LP	38/5	194/11	223/27	287/49	89/14	0/0	
VE3YT	158,517	497	103	SOU-CW-LP	35/7	107/20	167/32	201/43	0/0	2/1	
VE3YAA	217,260	620	102	MSHP	0/0	0/0	62/35	522/48	41/12	10/7	VE3FJ VE3SS
Quebec											
VA2EW	1,653,812	2,125	212	SO-MIX-HP	7/5	205/42	538/65	1,119/65	276/33	5/2	
VA2QR	84,130	287	94	SO-MIX-HP	0/0	23/10	61/31	194/47	17/6	0/0	
VE2PGI	54	6	3	SO-MIX-LP	0/0	0/0	3/2	4/1	0/0	0/0	
VA2LGQ	8	0	2	SO-MIX-HP	0/0	0/0	1/1	1/1	0/0	0/0	VE3AV
VE2HIT	36,176	154	76	SO-PH-LP	0/0	13/9	47/25	89/37	5/4	1/1	
VA2GN	1,232	27	16	SO-PH-LP	0/0	0/0	1/1	24/13	2/2	0/0	
VA2BOY	5	1	1	SO-PH-LP	0/0	0/0	0/0	1/1	0/0	0/0	
VE2GHI	10,230	117	30	SO-CW-LP	0/0	5/4	36/8	65/11	23/6	1/1	
VA2WA	1,784,718	1,938	261	SOU-MIX-HP	54/13	278/51	474/70	1,048/87	89/35	11/5	

VE2GT	2,500	38	25	SOU-MIX-LP	0/0	1/1	15/8	22/14	2/2	0/0	
VE2NTT	21,982	137	58	SOU-PH-HP	0/0	0/0	24/19	85/30	28/9	0/0	
VE2BWL	1,052,352	1,561	192	MSHP	13/6	139/37	403/57	829/66	195/24	12/2	K1LI VE2BWL
Call	Score	QSOs	Mults	Category	160	80	40	20	15	10	Operator(s) and/or Host
Zone 6											
U.S. Call Area 6											
East Bay											
K2GMY	20,776	176	49	SO-MIX-QRP	0/0	7/2	82/16	61/18	25/11	2/2	
W6SFI	2,478	46	21	SO-MIX-LP	0/0	15/6	19/7	16/8	0/0	0/0	
KE6IUE	126	10	7	SO-MIX-LP	0/0	0/0	5/4	5/3	0/0	0/0	
NJ6W	115	9	5	SO-MIX-LP	0/0	0/0	0/0	9/5	0/0	0/0	
WZ6ZZ	8,268	78	39	SO-PH-LP	0/0	0/0	14/8	60/26	8/5	0/0	
NX6D	7,052	68	41	SO-PH-HP	0/0	1/1	18/8	48/30	2/2	0/0	
K6KHB	1,008	21	16	SO-PH-LP	0/0	0/0	2/2	16/10	6/4	0/0	
K1VRF	360	20	9	SO-PH-HP	0/0	0/0	8/3	13/6	0/0	0/0	
WB6NER	72	10	4	SO-PH-LP	0/0	0/0	8/2	3/2	0/0	0/0	
N6PN	104,500	359	100	SO-CW-LP	22/5	54/8	102/24	165/56	18/7	0/0	
KI6OY	4,000	78	20	SO-CW-LP	0/0	0/0	39/10	43/8	2/2	0/0	
NA6O	345,984	879	128	SOU-CW-HP	0/0	2/1	200/33	519/71	167/23	0/0	
Los Angeles											
W6AFA	675	225	3	SO-PH-HP	0/0	0/0	147/1	92/1	5/1	0/0	
W9EO	561	15	11	SO-PH-HP	0/0	0/0	5/3	10/8	0/0	0/0	
N6AA	731,860	1,371	172	SO-CW-HP	58/12	218/28	415/41	570/66	112/18	11/7	
NK6A	31,842	199	58	SOU-MIX-HP	0/0	0/0	77/19	105/30	22/8	1/1	
AI6Z	1,372	31	28	SOU-MIX-HP	0/0	0/0	6/6	25/22	0/0	0/0	
KM6Z	104,580	445	84	SOU-CW-LP	0/0	0/0	166/22	263/51	23/10	1/1	
NC6Q	590	27	10	SOU-CW-LP	0/0	0/0	0/0	10/2	18/7	1/1	
Orange											
K6NR	311,916	797	132	SO-MIX-HP	18/6	120/13	137/23	370/64	144/21	16/5	
K6PGH	1,960	34	20	SO-PH-LP	0/0	0/0	0/0	32/18	2/2	0/0	
W7WOF	636	23	12	SO-PH-LP	0/0	0/0	13/6	11/6	0/0	0/0	
KE6GFI	319	11	11	SO-PH-LP	0/0	0/0	7/7	4/4	0/0	0/0	

N6MU		81,984	286	96	SO-CW-LP	0/0	24/10	57/23	152/44	51/18	2/1	
W6ZL		19,306	138	49	SO-CW-LP	0/0	0/0	0/0	130/43	9/6	0/0	
NC6V		9,996	119	28	SO-CW-LP	0/0	0/0	3/2	117/26	0/0	0/0	
Pacific												
KG7ASQ		23,790	300	39	SOU-PH-HP	0/0	0/0	104/11	176/20	28/8	0/0	
Sacramento Valley												
W6RKC		21,112	144	58	SO-MIX-LP	9/5	48/10	27/12	53/25	9/5	1/1	
NR6Q		329,868	1,172	99	SO-PH-HP	0/0	10/6	401/38	793/49	15/6	0/0	
KE8FT		13,680	133	48	SO-PH-LP	0/0	6/2	69/16	48/22	12/7	1/1	
K7XE		10,340	87	44	SO-PH-LP	0/0	0/0	27/13	54/24	7/7	0/0	
AI6IN		150	11	6	SO-PH-LP	0/0	0/0	0/0	10/5	1/1	0/0	
K6LRN		150,908	419	124	SO-CW-HP	0/0	55/9	147/32	179/67	39/15	1/1	
K6AAM		46,224	277	48	SO-CW-HP	0/0	0/0	158/23	128/25	0/0	0/0	
W6EU		8,027	127	23	SO-CW-HP	0/0	0/0	67/8	63/15	0/0	0/0	
K9JM		2,331	43	21	SO-CW-LP	0/0	0/0	0/0	35/15	9/6	0/0	
K6DGQ		812	26	14	SO-CW-LP	0/0	6/5	3/1	21/4	5/4	0/0	
W1SRD		27,984	134	66	SOU-MIX-HP	0/0	1/1	9/7	121/51	8/7	0/0	
N6JNL		23,177	195	49	SOU-MIX-LP	0/0	0/0	69/12	107/28	22/9	0/0	
AI6JB		450	19	10	SOU-PH-LP	0/0	0/0	6/4	11/4	3/2	0/0	
K6ST		1,728	38	18	MSHP	0/0	1/1	18/7	19/9	1/1	0/0	K6ST WB6CZG
San Diego												
KI6RRN		475,416	1,160	142	SO-MIX-LP	0/0	149/12	249/29	557/69	195/25	20/7	
N7VM		301,920	794	136	SO-MIX-LP	9/3	68/14	276/30	302/53	125/29	20/7	
WN6K		105,768	559	72	SO-MIX-LP	8/2	56/8	168/17	239/31	102/14	0/0	
N6VH		12,168	130	36	SO-MIX-HP	0/0	0/0	0/0	123/29	8/6	1/1	
K6NA		738,944	1,206	184	SO-CW-HP	0/0	188/27	498/58	346/65	162/29	16/5	
K6AR		119,718	426	81	SO-CW-HP	0/0	0/0	0/0	433/81	0/0	0/0	
N6RVI		3,842	74	17	SO-CW-LP	0/0	0/0	76/17	0/0	0/0	0/0	
W6MZ		3,740	75	20	SO-CW-QRP	0/0	0/0	40/10	35/10	0/0	0/0	
KK6I		288	12	9	SO-CW-LP	0/0	0/0	0/0	8/4	3/3	2/2	
W6JBR		2,667	47	21	SOU-MIX-HP	0/0	0/0	30/7	16/13	1/1	0/0	
W6ZAR		408	16	12	SOU-PH-LP	0/0	0/0	6/3	5/4	6/5	0/0	
N5ZO		1,111,320	1,690	210	SOU-CW-HP	46/9	189/28	561/62	768/86	146/21	5/4	
W6KY		10,640	108	38	SOU-CW-LP	0/0	4/3	79/20	26/14	1/1	0/0	

NX6T	433,535	949	155	MSHP	0/0	69/15	459/45	388/76	66/17	2/2	K6AM KK6NON N6EEG N6KI NN6X W6ZAR WQ6X
San Francisco											
K6SRZ	26,120	187	40	SO-MIX-HP	0/0	0/0	121/17	65/21	3/2	0/0	
AE6YB	1,056	48	12	SO-PH-LP	0/0	0/0	43/8	7/4	0/0	0/0	
KK6VZE	30	6	3	SO-PH-LP	0/0	0/0	0/0	6/3	0/0	0/0	
N6IE	19,965	127	55	SOU-MIX-HP	0/0	32/10	64/17	34/28	0/0	0/0	
NØKQ	3,230	70	19	SOU-CW-HP	0/0	0/0	51/11	20/8	0/0	0/0	
N6ZF0	193,612	644	97	MSHP	5/3	49/9	189/24	310/44	94/16	2/1	NØKQ N6ZF0
San Joaquin Valley											
WA6MRK	860	21	20	SO-PH-HP	0/0	0/0	4/4	17/16	0/0	0/0	
N6ABT	561	17	11	SO-PH-LP	0/0	0/0	6/3	12/8	0/0	0/0	
K6YK	81,320	296	95	SO-CW-HP	0/0	0/0	122/30	146/55	31/10	0/0	
WC6H	49,288	248	61	SO-CW-HP	14/6	24/12	97/17	113/20	8/6	0/0	
K6CSL	3,243	55	23	SO-CW-LP	0/0	0/0	7/3	46/17	3/3	0/0	
K6MI	260	10	10	SO-CW-LP	0/0	0/0	0/0	2/2	6/5	3/3	
W6SX	165,132	610	99	SOU-CW-HP	1/1	67/12	265/34	221/39	68/13	0/0	
N2NS	24,319	101	83	SOU-CW-HP	1/1	5/5	15/12	56/45	21/17	3/3	
Santa Barbara											
W6TK	548,548	1,202	154	SO-MIX-HP	5/3	93/15	424/47	573/66	116/21	3/2	
NN6DX	104,857	317	97	SO-MIX-HP	0/0	0/0	42/15	253/68	22/13	1/1	W1PR
AG6AY	9,114	79	42	SO-PH-HP	0/0	2/1	28/14	50/24	3/3	0/0	
AG6GL	429	19	11	SO-PH-LP	0/0	1/1	7/2	12/8	0/0	0/0	
AI6MW	112	8	4	SO-PH-LP	0/0	0/0	0/0	8/4	0/0	0/0	
WA6FGV	66,560	408	64	SO-CW-HP	0/0	56/8	189/16	127/26	27/10	10/4	
KA3DRR	108,744	574	69	SOU-MIX-HP	0/0	0/0	223/17	317/39	34/11	3/2	@W6SL
AA6VX	4,774	46	31	SOU-CW-HP	0/0	0/0	18/9	24/16	9/6	0/0	
Santa Clara Valley											
N6AJS	21,056	144	56	SO-MIX-LP	0/0	9/4	41/14	80/28	16/10	0/0	
AG6JA	540	18	10	SO-MIX-LP	0/0	0/0	6/5	13/5	0/0	0/0	
W6IA	2,392	36	26	SO-PH-LP	0/0	0/0	10/9	26/16	1/1	0/0	
AI6XN	1,804	30	22	SO-PH-HP	0/0	0/0	5/4	25/15	4/3	0/0	

AI6UW	75	11	3	SO-PH-LP	0/0	0/0	0/0	12/3	0/0	0/0	
W6YX	595,773	1,263	159	SO-CW-LP	24/8	171/18	375/40	512/69	165/18	28/6	N7MH
AE6JV	4,060	59	28	SO-CW-LP	3/2	7/4	32/9	23/13	0/0	0/0	
K6KQV	2,227	59	17	SO-CW-LP	0/0	0/0	0/0	59/17	0/0	0/0	
AI7HU	600	32	10	SO-CW-LP	0/0	0/0	35/10	0/0	0/0	0/0	
KM6I	29,256	200	53	SOU-MIX-HP	0/0	26/7	129/21	34/14	13/10	1/1	
ND2T	6,235	101	29	SOU-MIX-HP	0/0	0/0	0/0	95/22	6/5	2/2	
K6MM	2,430	50	15	SOU-MIX-HP	0/0	19/6	30/8	2/1	0/0	0/0	
U.S. Call Area 7											
Arizona											
KD7RF	134,541	635	81	SO-PH-HP	0/0	0/0	49/19	569/50	43/12	0/0	
KF6PGZ	280	13	8	SO-PH-LP	0/0	0/0	12/7	1/1	0/0	0/0	
AC7CA	208	14	8	SO-PH-LP	0/0	0/0	7/4	7/4	0/0	0/0	
N6MA	322,391	837	131	SO-CW-HP	4/3	185/21	338/38	233/51	94/17	1/1	
KC7V	181,569	729	87	SO-CW-LP	0/0	0/0	335/31	325/39	75/12	5/5	
NG7A	56,669	377	61	SO-CW-HP	0/0	64/9	193/19	136/32	1/1	0/0	
AA7V	21,402	168	41	SO-CW-HP	0/0	0/0	0/0	142/26	28/14	1/1	
W7WSV	17,094	145	42	SO-CW-LP	0/0	0/0	97/17	46/21	5/4	0/0	
K7AZT	6,968	110	26	SO-CW-LP	0/0	0/0	49/10	62/15	1/1	0/0	
WB6OTS	6,944	80	28	SO-CW-HP	0/0	0/0	1/1	84/24	6/3	0/0	
N9NA	238,434	701	98	SOU-MIX-HP	0/0	0/0	209/27	503/71	0/0	0/0	
N7VF	78,584	305	88	SOU-PH-HP	0/0	0/0	63/30	246/55	3/3	0/0	
WØPAN	4,556	56	34	SOU-PH-LP	0/0	0/0	3/3	41/22	13/9	0/0	
KF7U	3,275	47	25	SOU-PH-HP	0/0	0/0	0/0	35/15	13/10	0/0	
K7HKR	2,889	45	27	SOU-PH-LP	0/0	1/1	24/11	16/12	4/3	0/0	
W1UE	656,678	1,056	209	SOU-CW-HP	45/8	123/21	257/50	465/83	167/42	9/5	
W7ZR	238,317	639	113	SOU-CW-HP	0/0	0/0	138/25	439/65	55/16	10/7	
K6WSC	231,568	462	164	SOU-CW-LP	0/0	52/16	89/40	243/77	72/25	10/6	
N7RD	37,294	199	58	SOU-CW-HP	0/0	0/0	5/2	198/56	0/0	0/0	
K7JQ	32,535	263	45	SOU-CW-LP	0/0	0/0	139/19	125/26	0/0	0/0	
K3WYC	966	29	14	SOU-CW-LP	0/0	18/5	11/9	0/0	0/0	0/0	
Eastern Washington											
N7ZUF	3,212	66	22	SO-MIX-LP	0/0	2/1	10/4	42/14	12/3	0/0	
KK7VL	572	20	11	SO-PH-QRP	0/0	0/0	2/2	18/9	0/0	0/0	

KB7HDX	180	10	10	SO-PH-LP	0/0	0/0	0/0	10/10	0/0	0/0	
K7GS	12,692	100	38	SO-CW-HP	0/0	0/0	0/0	103/38	0/0	0/0	
KJ7V	2,150	85	10	SO-CW-LP	0/0	0/0	46/4	43/6	0/0	0/0	
N7GCO	52,332	174	98	SOU-PH-HP	0/0	7/5	41/22	111/59	16/12	0/0	
Idaho											
K7ELC	10	3	2	SO-MIX-LP	0/0	0/0	0/0	3/2	0/0	0/0	
KBØNHW	484	20	11	SO-PH-LP	0/0	0/0	11/5	9/6	0/0	0/0	
WJ9B	875,726	1,600	173	SO-CW-HP	52/9	180/24	481/38	554/68	342/31	16/3	
KK7A	1,872	66	13	SO-CW-LP	0/0	0/0	0/0	67/13	0/0	0/0	
KA7T	44,454	261	62	SOU-MIX-QRP	10/4	26/5	68/13	147/29	27/11	0/0	
WM5F	248	15	8	SOU-MIX-LP	0/0	0/0	7/3	7/4	1/1	0/0	
K7TQ	37,455	243	55	SOU-CW-LP	0/0	13/6	120/15	112/34	0/0	0/0	
KØIP	1,092	29	12	SOU-CW-LP	0/0	0/0	0/0	28/9	3/3	0/0	
Montana											
K7ABV	21,216	154	51	SO-MIX-HP	0/0	0/0	0/0	140/44	21/7	0/0	
K7QA	151,600	552	100	SO-CW-LP	37/7	149/12	121/22	243/56	18/3	0/0	
KS7T	92,520	509	72	SO-CW-HP	0/0	72/11	201/20	247/41	0/0	0/0	
KJ9C	9,656	116	34	SO-CW-HP	0/0	0/0	26/7	80/22	12/5	0/0	
N7DXT	18,240	208	38	SOU-CW-HP	6/4	21/5	53/11	124/15	14/3	0/0	
Nevada											
KB7XL	12,956	118	41	SO-MIX-LP	0/0	5/3	37/11	64/17	20/10	0/0	
AI6LY	12,408	104	47	SO-PH-HP	0/0	0/0	18/9	81/33	6/5	0/0	AI6LY 7
W7RN	1,231,020	2,041	180	SO-CW-HP	47/10	212/29	598/48	879/61	270/24	47/8	N6TV
N7XCZ	11,666	115	38	SO-CW-HP	0/0	15/6	45/12	52/15	10/5	0/0	
KA6JLT	235	23	5	SO-CW-LP	0/0	0/0	0/0	24/5	0/0	0/0	
K7FYI	26,174	237	46	SOU-PH-HP	0/0	0/0	115/12	105/25	19/8	2/1	
K7XC	35,412	183	52	SOU-CW-HP	0/0	0/0	0/0	184/52	0/0	0/0	
Oregon											
N7JI	12,324	130	39	SO-MIX-LP	0/0	34/5	28/8	69/26	0/0	0/0	
KE7AUB	1,533	35	21	SO-MIX-LP	0/0	1/1	13/7	18/9	4/3	1/1	
KD7VIK	12,742	113	46	SO-PH-HP	0/0	0/0	32/11	80/32	8/3	0/0	
K6UM	540	17	12	SO-PH-HP	0/0	0/0	0/0	13/8	4/4	0/0	
N7LAN	492	19	12	SO-PH-LP	0/0	1/1	11/5	8/6	0/0	0/0	

AD7OG	208	12	8	SO-PH-HP	0/0	0/0	10/6	2/2	0/0	0/0	
K7JKM	48	4	4	SO-PH-LP	0/0	0/0	1/1	3/3	0/0	0/0	
W7YAQ	163,737	523	113	SO-CW-QRP	27/6	66/10	130/25	202/46	90/20	12/6	
KI7Y	83,040	414	80	SO-CW-HP	0/0	71/10	154/26	150/35	43/9	0/0	
NE7D	62,580	261	84	SO-CW-LP	0/0	0/0	133/30	96/40	34/13	1/1	
W7GF	23,192	174	52	SO-CW-LP	0/0	33/7	33/13	95/25	14/6	3/1	
KF7FME	4,343	105	17	SO-CW-LP	0/0	0/0	0/0	0/0	0/0	0/0	
K7OVM	1,692	44	18	SO-CW-LP	0/0	0/0	0/0	32/14	12/4	0/0	
N7VS	708	31	12	SO-CW-QRP	0/0	0/0	10/5	26/7	0/0	0/0	
KN7K	17,286	154	43	SOU-MIX-HP	5/3	28/7	37/9	85/24	0/0	0/0	
K7VIT	7,168	80	32	SOU-MIX-HP	0/0	0/0	0/0	61/25	19/7	0/0	
W7ZB	90,160	396	92	SOU-PH-HP	0/0	25/7	103/24	271/55	6/6	0/0	
WA7YXY	4,710	71	30	SOU-PH-LP	0/0	0/0	40/13	27/14	6/3	0/0	
WS7L	285,645	749	139	SOU-CW-HP	34/8	114/17	205/34	312/66	90/14	0/0	
K7ZS	121,680	534	72	SOU-CW-HP	0/0	22/6	210/15	228/43	77/7	2/1	
W7XQ	299,876	972	122	MSHP	0/0	27/9	332/33	605/67	39/13	0/0	W7VO W7XQ
Utah											
K7DBN	2,552	52	22	SO-MIX-LP	0/0	0/0	13/7	39/13	2/2	0/0	
K7ULS	979	45	11	SO-CW-LP	0/0	0/0	24/5	0/0	21/6	0/0	
K7UT	87,067	349	83	SOU-MIX-HP	0/0	1/1	86/19	263/58	9/5	0/0	
K4UB	9,022	133	26	SOU-MIX-LP	0/0	0/0	111/20	18/4	4/2	0/0	
W7FYR	867	15	17	SOU-MIX-HP	0/0	4/4	9/7	6/6	0/0	0/0	
WA7LNW	432,063	807	183	SOU-CW-HP	24/7	141/19	220/42	312/80	101/26	22/9	
W7CT	81,911	231	101	SOU-CW-HP	0/0	0/0	80/35	144/60	8/6	0/0	
NG7M	76,254	428	71	SOU-CW-HP	0/0	18/6	203/23	152/26	62/15	1/1	
Western Washington											
W7PV	18,073	145	53	SO-MIX-HP	0/0	10/3	27/7	88/31	21/11	1/1	
K7SS	9,600	120	32	SO-MIX-LP	0/0	3/1	87/13	32/17	0/0	2/1	
W7FZY	252	14	9	SO-MIX-LP	0/0	0/0	2/1	11/7	2/1	0/0	
W7JKC	3	1	1	SO-MIX-LP	0/0	0/0	1/1	0/0	0/0	0/0	
KB7KYK	6,060	94	30	SO-PH-HP	0/0	2/1	65/16	23/11	4/2	0/0	
N6LB	2,860	52	22	SO-PH-LP	0/0	0/0	51/17	6/5	0/0	0/0	
N7QMT	876	29	12	SO-PH-LP	0/0	0/0	2/2	29/10	0/0	0/0	
W7VXS	48,960	314	60	SO-CW-LP	0/0	51/9	73/12	154/30	48/9	0/0	
W7PU	43,328	247	64	SO-CW-LP	0/0	25/6	87/15	132/39	5/4	0/0	N7EPD

N7WA	11,407	203	17	SO-CW-HP	0/0	0/0	204/17	0/0	0/0	0/0	
WC7Q	1,806	57	14	SO-CW-HP	0/0	0/0	59/14	0/0	0/0	0/0	
KB7N	1,275	29	15	SO-CW-HP	0/0	0/0	26/12	3/3	0/0	0/0	
K7WA	649	37	11	SO-CW-LP	0/0	20/3	6/2	6/5	5/1	0/0	
K7RL	1,274,386	1,941	194	SOU-MIX-HP	17/6	155/20	674/59	946/79	184/28	4/2	
W7SLS	520	16	13	SOU-MIX-HP	0/0	1/1	7/5	8/7	0/0	0/0	
K7EG	440	12	10	SOU-MIX-HP	0/0	0/0	10/7	3/3	0/0	0/0	
K7BX	17,160	122	55	SOU-CW-LP	16/5	57/14	24/17	14/10	11/8	1/1	
K6KR	13,208	86	52	SOU-CW-HP	0/0	0/0	7/7	82/45	0/0	0/0	
W6SZN	3,572	52	19	SOU-CW-HP	1/1	6/2	41/12	0/0	4/4	0/0	
K7JNA	702	24	13	SOU-CW-LP	0/0	0/0	0/0	24/13	0/0	0/0	
K7BTW	605,710	1,201	170	MSHP	0/0	77/14	481/47	486/83	183/22	6/4	K7BTW K7VAP N9ADG
K7RI	435,956	978	146	MSHP	28/8	94/16	365/38	412/69	90/13	6/2	
Call	Score	QSOs	Mults	Category	160	80	40	20	15	10	Operator(s) and/or Host
Zone 7											
U.S. Call Area Ø											
Colorado											
KØKR	51,480	310	66	SO-MIX-LP	0/0	73/13	99/16	76/23	53/10	9/4	
NAØED	530	19	10	SO-MIX-LP	0/0	0/0	3/2	16/8	0/0	0/0	
K9MWM	45,527	323	53	SO-PH-HP	0/0	2/2	135/18	201/33	0/0	0/0	
NØEMU	7,524	74	38	SO-PH-LP	0/0	0/0	29/11	46/26	1/1	0/0	
KBØVHA	6,141	65	23	SO-PH-HP	0/0	0/0	15/6	53/17	0/0	0/0	
ADØRM	945	25	15	SO-PH-HP	0/0	4/3	18/9	3/3	0/0	0/0	
WØMAR	140	10	5	SO-PH-HP	0/0	0/0	0/0	10/5	0/0	0/0	
KØRF	1,395,435	2,069	205	SO-CW-HP	53/11	172/25	571/51	982/74	270/36	51/8	WØUA
K6XT	75,680	324	88	SO-CW-HP	0/0	2/2	113/35	87/30	120/19	5/2	
N5AW	59,808	248	89	SO-CW-LP	0/0	59/15	64/25	60/32	66/17	0/0	
NN7A	35,341	213	59	SO-CW-LP	0/0	37/10	80/17	87/27	10/5	0/0	
KIØJ	31,521	201	57	SO-CW-LP	0/0	0/0	37/6	128/34	30/11	8/6	
KØUK	17,484	136	47	SO-CW-LP	7/4	33/8	38/10	39/17	24/8	0/0	
NGØT	3,968	38	31	SO-CW-HP	0/0	0/0	24/19	15/12	0/0	0/0	
WØKIT	84	6	7	SO-CW-HP	0/0	0/0	0/0	7/7	0/0	0/0	
KEØUI	147,242	636	83	SOU-MIX-HP	0/0	43/9	207/16	251/43	146/11	8/4	
AD1C	82,820	346	82	SOU-CW-LP	0/0	0/0	81/16	181/49	71/12	15/5	

WØCP	22,080	192	40	SOU-CW-HP	0/0	0/0	0/0	152/29	40/10	1/1	
Iowa											
WØPPF	1,292	51	10	SO-PH-HP	0/0	0/0	0/0	0/0	0/0	0/0	
KEØITC	570	17	10	SO-PH-HP	0/0	0/0	12/5	6/5	0/0	0/0	
KØIO	77,200	357	80	SO-CW-LP	0/0	0/0	139/23	158/43	60/11	5/3	
WØGXA	17,524	117	52	SO-CW-HP	0/0	0/0	0/0	87/40	31/11	1/1	
NØAV	572,050	1,089	170	SOU-CW-HP	34/8	71/23	370/58	448/67	153/10	18/4	
K2DSW	268,424	885	104	SOU-CW-HP	27/7	100/10	381/35	306/38	67/9	14/5	
AAØAI	51,428	194	86	SOU-CW-LP	0/0	6/5	42/28	143/50	3/3	0/0	
AB1YD	11,803	155	29	SOU-CW-LP	0/0	0/0	57/10	100/19	0/0	0/0	AB1YD Ø
ADØRW	8,652	74	42	SOU-CW-LP	0/0	14/13	0/0	35/21	22/6	3/2	
Kansas											
K3PA	596,502	1,073	186	SO-MIX-LP	46/10	163/26	346/58	447/67	80/21	7/4	
WØYJT	37,062	223	58	SO-MIX-LP	0/0	0/0	24/4	150/37	55/14	8/3	
WXØEK	1,462	30	17	SO-PH-LP	0/0	0/0	0/0	41/17	0/0	0/0	
NYØT	654	23	13	SO-PH-LP	0/0	0/0	0/0	0/0	0/0	0/0	
NØRC	3	1	1	SO-PH-LP	0/0	0/0	1/1	0/0	0/0	0/0	
KØVXU	245,040	646	120	SO-CW-HP	0/0	41/15	139/30	387/58	97/15	5/2	
ABØS	39,216	350	43	SO-CW-HP	27/7	135/13	187/20	4/3	0/0	0/0	
KEØEK	32,604	306	39	SO-CW-HP	0/0	54/9	101/9	160/21	0/0	0/0	
WØUY	14,711	105	47	SO-CW-HP	0/0	0/0	30/10	56/27	23/10	0/0	
KØBJ	88,572	292	121	SOU-MIX-HP	3/3	29/11	56/20	117/56	86/29	3/2	
NØXM	45,936	234	72	SOU-CW-HP	0/0	15/6	80/18	118/37	30/11	0/0	
ACØE	832	40	8	SOU-CW-LP	0/0	0/0	0/0	40/7	3/1	0/0	
Minnesota											
KØAD	438,235	1,219	133	SO-MIX-LP	29/7	185/18	297/27	541/55	183/22	4/4	
WAØLJM	17,388	175	36	SO-MIX-LP	0/0	0/0	14/4	117/25	48/7	0/0	
NUØW	8,471	63	43	SO-MIX-HP	0/0	0/0	19/12	45/27	4/3	1/1	
WAØLIF	1,005	23	15	SO-MIX-LP	0/0	0/0	9/5	19/10	0/0	0/0	
KØBHJ	1,440	34	16	SO-PH-LP	0/0	0/0	0/0	34/16	0/0	0/0	
K9TWW	1,026	21	18	SO-PH-HP	0/0	0/0	0/0	18/14	4/4	0/0	
KDØFZT	119	7	7	SO-PH-QRP	0/0	0/0	3/3	6/4	0/0	0/0	
KØJJR	58,140	230	85	SO-CW-HP	8/5	4/2	21/16	142/43	54/18	3/1	
AEØEE	53,108	293	68	SO-CW-LP	24/8	46/7	118/11	88/31	21/9	4/2	

KEØTT	25,917	193	53	SO-CW-QRP	0/0	46/9	40/11	77/22	34/8	4/3	
KØTC	22,834	186	49	SO-CW-LP	0/0	37/7	67/13	73/26	10/3	0/0	
ADØHJ	9,870	135	30	SO-CW-LP	0/0	11/6	49/6	75/18	0/0	0/0	
W6GMT	2,000	53	16	SO-CW-LP	0/0	7/4	29/6	18/6	0/0	0/0	
NØUK	1,649	35	17	SO-CW-LP	0/0	0/0	0/0	19/10	17/7	0/0	
KØKX	365,160	572	170	SOU-MIX-HP	0/0	48/28	185/69	340/73	0/0	0/0	
KØMD	55,242	273	66	SOU-MIX-HP	0/0	0/0	23/15	211/37	52/14	0/0	
WGØM	37,874	239	58	SOU-MIX-LP	15/4	5/4	92/16	90/25	40/7	6/2	
KØVG	31,447	191	59	SOU-MIX-HP	0/0	11/3	67/10	113/45	1/1	0/0	
KØXB	29,230	127	74	SOU-MIX-HP	0/0	2/1	8/5	101/50	20/18	0/0	
WXØZ	2,244	38	22	SOU-PH-LP	0/0	0/0	18/8	18/11	3/3	0/0	
NØDOW	1,476	24	18	SOU-PH-HP	0/0	0/0	2/2	20/15	2/1	0/0	
WBØN	137,860	446	113	SOU-CW-HP	11/5	56/10	119/28	205/57	52/10	6/3	
K4IU	132,613	511	101	SOU-CW-HP	0/0	116/16	166/38	162/34	69/10	5/3	
NØAT	81,315	471	65	SOU-CW-HP	0/0	29/5	239/24	145/23	68/11	2/2	
ADØFB	28,968	238	51	SOU-CW-LP	0/0	45/8	65/12	100/24	32/6	1/1	
KJØP	14	3	2	SOU-CW-LP	0/0	0/0	4/2	0/0	0/0	0/0	
KA8HDE	33,904	266	52	MSHP	0/0	29/7	53/6	158/31	30/8	0/0	KA8HDE KDØYZS
Missouri											
KØOU	264,402	854	111	SO-MIX-HP	0/0	115/14	248/33	472/55	35/8	2/1	
ADØBI	7,410	113	30	SO-MIX-QRP	0/0	5/3	16/6	55/11	36/7	4/3	
K2HT	1,566	39	18	SO-MIX-LP	0/0	0/0	1/1	25/8	16/7	2/2	
W7KAM	12,997	107	41	SO-PH-LP	0/0	0/0	21/10	75/24	12/7	0/0	
AKØSK	3,120	46	24	SO-PH-HP	0/0	0/0	16/9	30/14	1/1	0/0	
KEØBZV	224	12	7	SO-PH-LP	0/0	0/0	0/0	13/7	0/0	0/0	
NWØM	155,570	617	94	SO-CW-HP	0/0	100/10	170/26	268/46	75/10	7/2	
NØLY	14,910	180	35	SO-CW-QRP	0/0	0/0	38/7	104/18	39/8	3/2	
WØHBH	8,190	121	26	SO-CW-LP	0/0	0/0	0/0	89/18	33/8	0/0	
KØARY	3,999	45	31	SOU-MIX-HP	0/0	7/4	0/0	38/27	0/0	0/0	
ADØWX	4,250	43	34	SOU-PH-LP	0/0	0/0	12/10	24/19	9/5	0/0	
KDØN	2,054	29	26	SOU-PH-HP	0/0	0/0	8/8	21/18	0/0	0/0	
NØAX	60,260	245	92	SOU-CW-HP	9/5	31/14	99/29	71/31	22/8	18/5	
WØTT	7,784	116	28	SOU-CW-HP	0/0	0/0	42/16	66/9	8/3	0/0	
Nebraska											
WB9QAF	928	26	16	SO-MIX-QRP	0/0	4/2	7/5	10/5	4/3	1/1	

North Dakota											
WBØIWG	10,179	97	39	SO-PH-QRP	0/0	0/0	37/13	56/21	6/5	0/0	
South Dakota											
KØJV	1,820	29	20	SO-CW-LP	0/0	1/1	15/8	14/11	0/0	0/0	
U.S. Call Area 5											
Arkansas											
W5RZ	34,146	196	63	SO-MIX-HP	0/0	10/6	63/16	112/32	12/9	0/0	
KD5J	4,050	58	25	SO-CW-LP	0/0	0/0	26/8	20/9	14/8	0/0	
K9OZ	3,978	55	26	SO-CW-HP	0/0	0/0	21/10	36/16	0/0	0/0	
K5RM	8,476	92	26	SOU-CW-HP	0/0	0/0	0/0	95/26	0/0	0/0	
Louisiana											
KD5JRY	1,869	35	21	SO-PH-HP	0/0	0/0	32/18	4/3	0/0	0/0	
KZ5D	946,332	1,610	194	SO-CW-HP	68/9	220/29	505/58	643/64	196/29	16/5	
N8OO	1,773,392	2,300	244	SOU-MIX-HP	56/11	188/32	634/72	1,125/76	239/42	103/11	
N5VU	110,999	379	101	SOU-MIX-HP	0/0	7/5	121/30	199/50	60/16	0/0	
NT5I	6,250	88	25	SOU-MIX-LP	0/0	0/0	0/0	79/21	10/3	1/1	
W4HVH	470	23	10	SOU-CW-LP	0/0	0/0	0/0	6/4	15/4	2/2	
Mississippi											
K5XU	62,988	258	87	SO-MIX-LP	0/0	15/6	56/17	120/45	57/16	14/3	
N5KDA	3,672	42	27	SO-MIX-HP	0/0	3/3	5/5	35/19	0/0	0/0	
New Mexico											
KC2LM	7,812	71	36	SO-MIX-LP	0/0	0/0	33/13	32/16	10/7	0/0	
NM5WB	1,305	31	15	SO-PH-LP	0/0	0/0	0/0	30/13	2/2	0/0	
N2IC	1,074,576	1,930	183	SO-CW-HP	22/6	165/19	466/48	937/70	338/36	17/4	
KC6KGL	45	3	3	SO-CW-LP	0/0	0/0	0/0	5/3	0/0	0/0	
N5HC	127,568	318	134	SOU-PH-HP	0/0	15/9	77/30	198/75	29/20	0/0	
North Texas											
K5DHY	71,706	231	102	SO-PH-LP	0/0	1/1	45/22	144/57	44/21	3/1	
AK5DX	20,536	102	68	SO-PH-HP	0/0	13/10	42/23	52/33	2/2	0/0	

N5GI	15,950	97	58	SO-PH-HP	0/0	11/7	18/10	63/36	7/5	0/0	
NW5Q	11,111	91	41	SO-PH-LP	0/0	2/1	38/13	48/24	3/3	0/0	
KG5IEE	5,348	67	28	SO-PH-LP	0/0	0/0	0/0	69/28	0/0	0/0	
N5AJD	1,408	30	16	SO-PH-LP	0/0	0/0	14/6	16/10	0/0	0/0	
WXØB	1,192,374	1,742	213	SO-CW-HP	40/11	175/35	591/59	624/70	298/32	32/6	AD5Q
W8FN	101,556	404	91	SO-CW-LP	0/0	42/6	92/34	208/42	65/8	1/1	
NN5T	38,150	205	70	SO-CW-LP	4/3	28/9	79/27	84/28	10/3	0/0	
N5JR	201,188	478	146	SOU-MIX-HP	0/0	15/9	82/41	239/67	133/26	10/3	
WF5E	24,544	166	52	SOU-MIX-LP	0/0	0/0	42/14	112/31	25/7	0/0	
N5TIT	1,710	37	18	SOU-MIX-HP	0/0	0/0	2/1	33/15	2/2	0/0	
AB5NX	36,520	137	88	SOU-PH-LP	0/0	0/0	37/18	93/59	11/11	0/0	
NM5M	250,710	668	137	SOU-CW-LP	0/0	79/14	254/48	225/57	94/13	20/5	
K5CI	83,139	273	111	SOU-CW-HP	0/0	29/16	174/51	67/38	6/5	1/1	
WA5LXS	5,549	65	31	SOU-CW-LP	0/0	0/0	37/18	32/13	0/0	0/0	
Oklahoma											
AF5CC	74,260	344	79	SO-MIX-LP	0/0	2/1	73/16	175/44	88/16	6/2	
AE5TD	6,912	66	36	SO-PH-LP	0/0	0/0	5/5	57/27	4/4	0/0	
K5YM	5,874	64	33	SO-PH-LP	0/0	0/0	0/0	45/24	19/9	0/0	
K5KBA	1,598	28	17	SO-PH-LP	0/0	0/0	0/0	23/11	6/6	0/0	
N5XE	42,780	240	69	SO-CW-LP	0/0	26/6	64/16	85/28	55/14	12/5	
KF5VRD	10,212	110	37	SO-CW-LP	0/0	0/0	45/15	43/16	23/6	0/0	
W5GFI	38,216	204	68	SOU-MIX-HP	0/0	18/7	0/0	108/45	83/15	1/1	
W5TJS	273	15	7	SOU-PH-LP	0/0	0/0	0/0	16/7	0/0	0/0	
K5CM	805,194	1,411	186	SOU-CW-HP	34/9	154/19	415/56	682/79	141/19	28/4	W5CW
W5TM	103,881	413	93	SOU-CW-LP	0/0	26/8	211/30	128/39	44/11	7/5	
South Texas											
W5XD	41,400	204	75	SO-MIX-HP	8/4	43/13	54/20	99/37	1/1	0/0	
N5DTT	6,844	94	29	SO-MIX-LP	0/0	0/0	48/14	32/8	16/6	1/1	
AA5VU	3,861	59	27	SO-MIX-HP	0/0	3/3	5/3	46/17	7/4	0/0	
WV5Y	513	19	9	SO-MIX-LP	0/0	0/0	0/0	19/9	0/0	0/0	
N5KWD	30,495	173	57	SO-PH-HP	0/0	0/0	4/4	170/49	6/3	1/1	
WE6EZ	14,750	103	50	SO-PH-HP	0/0	0/0	33/16	71/34	0/0	0/0	
K5AVY	4,620	55	28	SO-PH-HP	0/0	0/0	9/5	46/22	1/1	0/0	
K5MLY	1,380	32	15	SO-PH-LP	0/0	0/0	23/9	9/6	0/0	0/0	
K5EBY	192	8	6	SO-PH-LP	0/0	0/0	2/2	6/4	0/0	0/0	

Arizona												
W6RLL	32,280	190	60	SO-CW-HP	0/0	12/3	24/9	137/37	26/11	0/0		
Montana												
N7FLT	6,435	71	33	SO-PH-LP	0/0	0/0	41/13	30/19	1/1	0/0		
K1AUS	350	20	7	SO-PH-LP	0/0	0/0	0/0	16/5	4/2	0/0		
WN7Y	290	24	5	SO-CW-LP	0/0	0/0	0/0	0/0	26/5	0/0		
Wyoming												
N7MZW	23,496	194	44	SO-PH-LP	0/0	2/1	109/17	85/23	4/3	0/0		
U.S. Call Area 9												
Illinois												
K9RMC	108	9	4	SO-PH-LP	0/0	0/0	9/4	0/0	0/0	0/0		
AI9K	14,444	128	46	SO-CW-LP	0/0	0/0	73/20	40/15	9/6	7/5		
NA9RB	3,432	50	26	SOU-MIX-HP	0/0	0/0	6/4	39/18	5/4	0/0		
NR9Q	2,142	38	21	SOU-MIX-LP	0/0	0/0	2/1	35/18	2/2	0/0		
N9VPV	8,080	78	40	SOU-PH-LP	0/0	1/1	33/14	38/21	6/4	0/0		
W9DCA	57,984	218	96	SOU-CW-HP	7/4	16/7	72/30	108/47	18/8	0/0		
Wisconsin												
WI9WI	223,766	755	106	SO-CW-HP	0/0	104/10	166/30	341/46	121/14	34/6		
KB9S	23,077	191	47	SO-CW-LP	0/0	0/0	72/10	87/28	29/6	4/3		
W9AV	73,416	308	92	SOU-MIX-LP	3/3	37/9	95/27	127/34	40/14	8/5		
Call	Score	QSOs	Mults	Category	160	80	40	20	15	10	Operator(s) and/or Host	
Zone 8												
U.S. Call Area 1												
Connecticut												
N1IXF	18,681	291	39	SO-MIX-LP	0/0	0/0	0/0	256/20	31/13	14/6		
KA1WPM	4,002	90	23	SO-MIX-LP	0/0	0/0	27/6	57/11	6/3	6/3		
NA1CN	5,597	95	29	SO-PH-HP	0/0	0/0	0/0	98/29	0/0	0/0		
W1ADX	2,625	43	25	SO-PH-LP	0/0	0/0	12/9	27/11	7/5	0/0		
K1KI	1,862,144	2,140	256	SO-CW-HP	28/14	261/44	611/67	1,027/75	199/45	38/11		

W1QK	371,200	890	145	SO-CW-LP	23/4	137/24	229/54	387/46	110/15	14/2	
W3EP	251,811	667	147	SO-CW-HP	0/0	0/0	229/49	188/51	230/42	35/5	
W3SM	80,160	305	96	SO-CW-LP	8/5	21/6	69/23	155/43	41/15	13/4	
NN1N	55,176	256	76	SO-CW-HP	17/5	18/12	43/24	163/28	12/5	7/2	
W1HBR	17,200	122	50	SO-CW-HP	0/0	0/0	22/15	106/35	0/0	0/0	
W1EQ	16,440	207	40	SO-CW-HP	0/0	7/5	50/16	71/5	68/8	16/6	
N1YC	6,956	78	37	SO-CW-HP	0/0	1/1	21/10	51/23	6/3	0/0	
W1NK	440	14	10	SO-CW-HP	0/0	0/0	0/0	14/10	0/0	0/0	
N1MD	92,555	247	173	SOU-MIX-HP	1/1	20/19	52/42	127/74	44/33	5/4	
W1CTN	73,395	281	105	SOU-MIX-HP	0/0	25/11	132/35	74/42	44/15	10/2	
N1GSA	6,154	79	34	SOU-MIX-LP	0/0	0/0	16/9	66/25	0/0	0/0	
N1MM	1,379,252	1,998	217	MSHP	21/9	104/33	489/69	1,203/69	188/31	30/6	K1EBY N1HTB N1IXF NB1U W1TJL W1UJ
Eastern Massachusetts											
W8TOM	34,404	200	61	SO-MIX-HP	14/4	0/0	76/25	115/32	0/0	0/0	
AB1J	34,090	235	70	SO-MIX-LP	0/0	0/0	99/35	40/16	75/16	23/3	
W1CRK	1,470	30	21	SO-PH-LP	0/0	0/0	6/6	23/14	1/1	0/0	
W1KM	1,851,480	2,316	222	SO-CW-HP	35/13	307/50	630/52	1,092/59	204/37	64/11	
N1QY	153,036	492	117	SO-CW-LP	0/0	41/12	166/44	215/45	72/16	0/0	
W1WEF	119,556	544	82	SO-CW-LP	0/0	0/0	61/23	349/44	121/10	23/5	
WO1N	82,626	341	94	SO-CW-LP	0/0	68/14	59/26	153/42	61/11	3/1	
W1FJ	63,744	288	64	SO-CW-HP	0/0	12/4	56/28	226/32	0/0	0/0	
K1SM	22,495	159	55	SO-CW-HP	0/0	0/0	2/2	130/42	30/11	0/0	
N1NN	9,170	128	35	SO-CW-HP	0/0	7/3	15/6	75/19	32/6	1/1	
K1MC	8,658	92	37	SO-CW-HP	0/0	0/0	0/0	84/33	9/4	0/0	
K1SEC	8,550	135	30	SO-CW-LP	0/0	0/0	19/3	103/24	19/3	0/0	
NV1W	936	48	12	SO-CW-QRP	0/0	0/0	6/2	40/9	2/1	0/0	
AC2RJ	9	3	3	SO-CW-QRP	0/0	0/0	1/1	6/2	0/0	0/0	
W1EBI	432,480	742	212	SOU-MIX-HP	2/2	52/33	236/71	326/75	132/30	8/1	
WA1DRQ	11,200	92	40	SOU-MIX-HP	0/0	0/0	3/2	84/33	6/4	1/1	
K1DJ	988	28	26	SOU-MIX-LP	0/0	0/0	5/4	23/22	0/0	0/0	
NB1N	263,976	627	136	SOU-CW-HP	0/0	35/18	178/44	390/61	42/10	4/3	
W1FM	75,100	277	100	MSHP	0/0	15/10	88/36	172/51	3/3	0/0	N1SOH W1FM
Maine											
N1STN	10,920	86	52	SO-PH-LP	0/0	15/12	43/22	31/17	1/1	0/0	

Eastern New York											
N5DX	2,164,995	2,351	261	SO-MIX-HP	86/27	159/43	610/63	1,229/78	256/40	34/10	
KD2DLL	7,790	81	38	SO-MIX-LP	0/0	0/0	42/22	39/14	6/2	0/0	
NT2I	17,680	106	65	SO-PH-LP	0/0	5/5	27/23	71/34	3/3	0/0	
N2MTG	7,875	83	45	SO-PH-LP	0/0	4/4	34/20	39/17	6/4	0/0	
KD2NE	1,456	25	16	SO-PH-LP	0/0	0/0	0/0	29/16	0/0	0/0	
N2SO	30,857	221	59	SO-CW-LP	0/0	30/9	46/10	145/40	0/0	0/0	
K2UF	20,102	151	46	SO-CW-HP	0/0	0/0	153/46	0/0	0/0	0/0	
WA2NYY	793	25	13	SO-CW-QRP	0/0	4/2	21/11	0/0	0/0	0/0	
N2SQW	137,241	389	117	SOU-MIX-HP	0/0	9/7	169/49	215/61	0/0	0/0	
W2NTV	51,678	206	81	SOU-MIX-LP	1/1	12/4	31/13	148/43	29/18	5/2	
WA2MCR	40,508	194	82	SOU-MIX-LP	0/0	1/1	63/34	80/32	59/14	1/1	
WA3AFS	26,939	117	79	SOU-MIX-HP	0/0	2/2	44/33	67/38	6/6	0/0	
KD2HHT	444	13	12	SOU-PH-HP	0/0	0/0	3/2	7/7	3/3	0/0	
New York City-Long Island											
K2RYD	35,322	154	87	SO-PH-HP	0/0	5/5	38/30	101/44	11/8	0/0	
W2/AH2O	19,159	127	49	SO-PH-LP	0/0	0/0	0/0	131/49	0/0	0/0	
KS2G	15,974	114	49	SO-PH-LP	0/0	0/0	2/2	110/44	4/3	0/0	
N2GA	164,256	478	118	SO-CW-LP	0/0	2/2	117/45	244/50	116/19	4/2	
KR2AA	68,876	404	67	SO-CW-HP	0/0	0/0	149/30	263/37	0/0	0/0	
N3SY	915	23	15	SO-CW-QRP	0/0	25/13	0/0	2/2	0/0	0/0	
K2RB	57,288	260	77	SOU-MIX-HP	0/0	21/10	116/28	116/32	31/7	0/0	
AG2T	2,771	41	17	SOU-MIX-LP	0/0	0/0	0/0	44/17	0/0	0/0	
N2MUN	41,210	310	65	SOU-PH-HP	0/0	0/0	71/27	216/34	25/4	0/0	
K2R	912,088	1,677	184	MSHP	1/1	126/26	472/71	999/74	116/12	0/0	KD2RD NQ2F
Northern New Jersey											
W2UDT	3,429	61	27	SO-MIX-HP	0/0	3/2	9/4	11/6	46/13	5/2	
W3EH	216	17	8	SO-MIX-LP	0/0	0/0	0/0	18/8	0/0	0/0	
KU2M	231,993	633	149	SO-PH-HP	0/0	14/12	237/52	339/50	60/34	1/1	
KA2HZP	6,076	74	31	SO-PH-LP	0/0	0/0	0/0	79/31	0/0	0/0	
KC2OSR	715	17	13	SO-PH-LP	0/0	0/0	0/0	19/13	0/0	0/0	
KC2PDO	308	20	11	SO-PH-LP	0/0	0/0	1/1	12/7	7/3	0/0	
KC2KZJ	287	9	7	SO-PH-HP	0/0	0/0	1/1	11/6	0/0	0/0	
W2CVW	57,843	269	100	SO-CW-LP	0/0	0/0	0/0	0/0	0/0	0/0	
W2AAB	13,566	139	34	SO-CW-LP	0/0	0/0	139/34	0/0	0/0	0/0	

U.S. Call Area 3											
Delaware											
KD3TB	10,240	100	40	SOU-MIX-HP	0/0	2/1	30/15	53/18	15/5	2/1	
N3TTT	520	16	10	SOU-PH-LP	0/0	0/0	0/0	16/10	0/0	0/0	
NW3Y	202,384	492	139	SOU-CW-HP	4/2	21/17	173/46	232/48	58/21	12/5	
Eastern Pennsylvania											
K3HW	20,400	164	60	SO-MIX-LP	0/0	0/0	67/25	78/26	34/8	4/1	
KX2S	3,220	41	28	SO-MIX-LP	0/0	0/0	0/0	41/28	0/0	0/0	
WA1HEW	1,782	35	22	SO-MIX-LP	0/0	11/5	14/8	12/9	0/0	0/0	
N3RUM	764	31	12	SO-PH-LP	0/0	0/0	0/0	0/0	0/0	0/0	
KB3IPZ	78	9	6	SO-PH-LP	0/0	0/0	0/0	3/2	5/3	1/1	
N3FJ	5	1	1	SO-PH-LP	0/0	0/0	0/0	1/1	0/0	0/0	
WI2E	330,296	788	164	SO-CW-LP	23/6	100/26	242/54	277/53	127/18	23/7	
K3PP	319,242	725	154	SO-CW-HP	22/5	53/20	168/48	317/42	162/34	14/5	
K3UL	205,751	539	133	SO-CW-HP	3/2	58/20	227/48	206/47	52/13	10/3	
KF3G	6,804	105	36	SO-CW-LP	0/0	0/0	21/8	59/20	26/5	6/3	
K2LNS	800	46	8	SO-CW-HP	0/0	0/0	47/8	0/0	0/0	0/0	
N3AD	1,471,632	1,728	258	SOU-MIX-HP	21/8	167/44	543/73	853/81	157/44	15/8	
NF3R	122,748	500	106	SOU-MIX-HP	2/2	12/9	167/36	302/47	27/10	17/2	
NE3F	111,230	447	98	SOU-MIX-HP	0/0	20/12	145/45	304/41	0/0	0/0	
WV2M	72,576	258	112	SOU-MIX-HP	0/0	28/14	145/47	73/43	14/7	2/1	
W3FIZ	50,196	250	89	SOU-MIX-LP	0/0	2/2	63/32	173/43	15/8	5/4	
WØBR	6,201	67	39	SOU-MIX-HP	0/0	0/0	13/13	50/23	4/3	0/0	
K3WW	775,047	1,029	221	SOU-CW-HP	9/8	50/42	268/54	540/73	184/43	1/1	
K3WJV	456,456	674	209	SOU-CW-HP	11/6	85/38	203/60	294/78	77/21	6/6	
W3KB	364,802	716	179	SOU-CW-LP	0/0	75/19	247/63	314/65	73/27	10/5	
NY3B	277,861	715	139	SOU-CW-HP	18/7	81/16	291/59	348/57	0/0	0/0	
KF3B	144,640	400	113	SOU-CW-HP	24/8	52/18	149/41	168/39	10/7	0/0	
K2XR	127,182	354	141	SOU-CW-LP	17/6	3/3	100/51	147/62	87/18	2/1	
W3FV	92,516	332	101	SOU-CW-LP	33/6	103/21	99/39	99/35	0/0	0/0	
KB3Z	78,936	267	104	SOU-CW-HP	5/3	32/16	95/32	114/41	25/12	0/0	
N3RD	62,586	205	114	SOU-CW-HP	0/0	21/21	30/29	151/57	7/7	0/0	
WA3AAN	62,250	290	83	SOU-CW-HP	0/0	18/7	164/40	76/23	31/11	5/2	
WY3A	60,576	183	96	SOU-CW-HP	0/0	27/21	46/27	114/48	0/0	0/0	
K3VA	18,619	131	43	SOU-CW-HP	0/0	0/0	0/0	136/43	0/0	0/0	

WK2G		10,860	146	30	SOU-CW-LP	0/0	9/4	138/26	0/0	0/0	0/0	
W3ZGD		95,375	311	109	MSHP	0/0	7/4	151/53	133/42	35/10	0/0	K3MSB KC3IPF KC3JJA KD3HN KO3T WA1HEW WS3C
Maryland-DC												
K3KU		53,520	311	80	SO-MIX-LP	26/6	102/14	140/34	48/26	0/0	0/0	
ND3N		10,105	105	43	SO-MIX-LP	0/0	10/3	57/27	32/9	8/4	0/0	
4U1WB		51,600	594	40	SO-PH-HP	0/0	0/0	0/0	552/35	60/5	0/0	AJ3M
AI1W		6,419	59	49	SO-PH-HP	1/1	6/5	23/19	26/20	6/4	0/0	
K3ZO		859,170	1,320	195	SO-CW-HP	2/2	117/39	465/62	697/63	51/27	2/2	
K3YNY		5,264	78	28	SO-CW-LP	0/0	0/0	71/23	4/3	2/1	1/1	
W3WTD		4,860	98	27	SO-CW-LP	0/0	14/4	6/3	46/8	30/9	5/3	
K3ZU		79,920	286	120	SOU-MIX-HP	3/3	24/22	16/16	181/51	68/28	0/0	
K3MAW		616	16	14	SOU-MIX-LP	0/0	0/0	12/11	4/3	0/0	0/0	
N3KBF		12,690	96	45	SOU-PH-HP	0/0	0/0	48/22	54/23	0/0	0/0	
N3YPJ		5,920	67	32	SOU-PH-LP	0/0	0/0	62/27	2/2	7/3	0/0	
N3AM		127,566	333	114	SOU-CW-HP	0/0	1/1	129/53	202/56	4/4	0/0	
NZ3D		90,480	266	104	SOU-CW-LP	0/0	0/0	61/31	163/58	45/15	0/0	
WA3AER		80,093	303	101	SOU-CW-HP	0/0	28/9	100/38	151/46	32/8	0/0	
K3TN		37,386	202	67	SOU-CW-HP	0/0	19/8	64/24	104/27	16/8	0/0	
W3IDT		22,001	137	49	SOU-CW-LP	0/0	0/0	145/49	0/0	0/0	0/0	
K2PLF		21,420	216	35	SOU-CW-HP	0/0	0/0	225/35	0/0	0/0	0/0	
N4ZR		14,620	101	68	SOU-CW-LP	0/0	10/10	12/12	70/40	10/6	0/0	
K3AU		7,776	56	54	SOU-CW-HP	0/0	6/6	34/34	18/14	0/0	0/0	K2YWE
KD4D		1,976,260	2,170	286	MSHP	10/5	128/45	793/85	1,072/88	164/50	32/13	KD4D N3HBX N3QE W3KX
K3OQ		172,894	502	137	MSHP	2/2	61/13	138/42	248/55	40/16	25/9	KØOO K3OQ W3RFC WA3OFF
Western Pennsylvania												
N2EM		87,971	349	101	SO-MIX-LP	0/0	0/0	95/35	212/46	32/11	17/9	
K3VED		3,930	47	30	SO-PH-HP	0/0	0/0	0/0	50/30	0/0	0/0	
KE3ZT		2,210	33	26	SO-PH-LP	0/0	0/0	0/0	33/26	0/0	0/0	
WO3Z		83,904	306	92	SO-CW-LP	0/0	16/7	69/24	198/51	25/10	0/0	
K3GW		49,513	189	67	SO-CW-HP	0/0	0/0	0/0	195/67	0/0	0/0	
ND3R		460	22	10	SO-CW-LP	0/0	0/0	0/0	15/7	7/3	0/0	

W4WW	130	14	5	SO-CW-QRP	0/0	0/0	14/5	0/0	0/0	0/0	
W3YI	56,511	229	91	SOU-MIX-QRP	0/0	0/0	52/29	134/42	44/17	5/3	W3YJ
N3WMC	13,018	127	46	SOU-MIX-LP	0/0	2/2	20/12	93/28	16/4	0/0	
KA3PMW	1,054	36	17	SOU-PH-LP	0/0	0/0	23/14	13/3	0/0	0/0	KA3PMW KC3ANX N3KFP
K3UA	124,062	564	87	SOU-CW-HP	0/0	205/27	188/35	138/17	41/8	0/0	
K3FH	1,872	44	18	SOU-CW-LP	0/0	23/8	15/5	7/5	0/0	0/0	
U.S. Call Area 4											
Alabama											
K4AB	1,147,562	2,043	202	SO-MIX-HP	16/7	85/25	482/71	1,361/75	119/19	25/5	
N4NO	283,680	663	160	SO-MIX-HP	0/0	57/18	155/47	333/69	123/24	3/2	
KB5EZ	8,280	104	36	SO-MIX-LP	0/0	0/0	55/19	46/12	4/4	1/1	
AE4M	15,660	114	54	SO-PH-LP	0/0	0/0	4/4	86/34	24/15	1/1	
AB4EJ	145,635	617	95	SOU-PH-HP	0/0	22/9	74/24	483/49	58/13	0/0	
WA1FCN	358,111	829	163	SOU-CW-LP	23/6	62/10	349/54	285/67	82/21	44/5	
K4HAL	24,880	196	40	SOU-CW-HP	0/0	0/0	0/0	198/40	0/0	0/0	
Georgia											
K4BAI	1,000,236	1,705	228	SO-MIX-HP	34/7	158/31	460/64	788/83	210/34	71/9	
KE4QCM	207	9	9	SO-MIX-LP	0/0	0/0	2/2	7/7	0/0	0/0	
NT4MM	38,151	221	81	SO-PH-HP	0/0	36/10	45/24	88/30	58/17	0/0	
K4CGA	4,324	88	23	SO-PH-LP	0/0	0/0	63/10	26/12	2/1	0/0	
KM4IK	3,675	127	15	SO-PH-HP	0/0	0/0	0/0	125/12	5/3	0/0	
KD4QMY	1,640	28	20	SO-PH-LP	0/0	0/0	2/2	20/14	0/0	6/4	
AG4YL	660	18	15	SO-PH-LP	0/0	0/0	1/1	19/14	0/0	0/0	
AC4YL	120	8	6	SO-PH-LP	0/0	0/0	0/0	8/6	0/0	0/0	
KU8E	438,403	1,145	161	SO-CW-HP	0/0	172/30	299/44	426/61	220/21	42/5	
N4EEV	17,650	165	50	SO-CW-LP	0/0	0/0	16/5	79/26	53/12	19/7	
N4TOL	5,856	77	32	SO-CW-LP	0/0	2/2	22/9	53/21	0/0	0/0	
W4QO	4,186	54	23	SO-CW-QRP	0/0	0/0	23/8	27/12	5/3	0/0	
K4BBH	28,407	235	51	SOU-PH-LP	0/0	1/1	21/14	210/30	16/6	0/0	
K4ELI	24,276	125	68	SOU-PH-LP	0/0	0/0	24/14	103/47	7/7	0/0	
KØBBC	6,512	54	37	SOU-PH-HP	0/0	0/0	15/13	42/24	0/0	0/0	
KM4VTE	5,088	63	32	SOU-PH-LP	0/0	0/0	18/10	40/15	9/7	0/0	
K4LDC	3,795	49	33	SOU-PH-LP	0/0	0/0	16/12	27/15	5/5	2/1	

W4BQF		86,450	512	65	SOU-CW-HP	0/0	0/0	216/30	240/24	70/11	0/0	
WA4RTE		6,200	69	40	SOU-CW-HP	0/0	0/0	17/16	52/24	0/0	0/0	
WW4LL		1,150,720	1,820	232	MSHP	0/0	120/39	405/72	1,165/81	169/34	9/6	AA4CF K1ZZI K4NV N2WF N9DFD WA2MBP WW4LL
K4UN		43,350	250	75	MSHP	0/0	0/0	118/36	130/36	3/3	0/0	
Kentucky												
ND4Y		203,010	709	134	SO-PH-LP	0/0	54/18	153/47	489/53	31/12	6/4	
W4LID		13,750	107	50	SO-PH-LP	0/0	0/0	12/9	79/28	18/13	0/0	
K4WLG		11,481	101	43	SO-PH-LP	0/0	0/0	1/1	102/42	0/0	0/0	
WD4KTF		1,292	32	19	SO-PH-LP	0/0	0/0	2/2	34/17	0/0	0/0	
KW4LY		816	25	16	SO-PH-LP	0/0	0/0	1/1	10/6	15/9	0/0	
KM4FO		11,120	120	40	SO-CW-LP	0/0	21/7	68/20	26/11	7/2	0/0	
KO4OL		1,407	25	21	SO-CW-LP	0/0	0/0	2/2	26/17	2/2	0/0	
KE4KY		413,472	1,010	146	SOU-CW-HP	0/0	110/20	227/50	538/59	140/15	3/2	
K4FXN		247,340	638	149	SOU-CW-LP	0/0	63/15	131/33	312/65	117/28	26/8	
K4WW		98,418	421	94	SOU-CW-HP	0/0	97/14	78/26	245/49	5/5	0/0	
North Carolina												
W4GHV		4,641	51	39	SO-MIX-LP	0/0	0/0	19/15	26/17	10/5	2/2	
NC4MI		29,711	153	73	SO-PH-LP	0/0	0/0	16/15	122/49	9/8	6/1	
W4ARW		11,147	123	8	SO-PH-LP	0/0	0/0	0/0	0/0	0/0	0/0	
W4BBT		10,761	95	51	SO-PH-LP	0/0	0/0	19/15	70/26	13/8	2/2	
K4WES		7,093	71	41	SO-PH-LP	0/0	0/0	2/2	71/38	1/1	0/0	
KM4IIZ		5,440	74	40	SO-PH-LP	0/0	1/1	25/17	39/15	9/7	0/0	
AD4ET		3,886	48	29	SO-PH-LP	0/0	0/0	6/5	42/24	0/0	0/0	
AI4GR		1,480	28	20	SO-PH-LP	0/0	0/0	6/5	23/15	0/0	0/0	
N4ZAK		992	32	16	SO-PH-QRP	0/0	0/0	2/2	34/14	0/0	0/0	
W2IKN		504	24	7	SO-PH-HP	0/0	0/0	0/0	24/7	0/0	0/0	
N1HO		351	15	13	SO-PH-LP	0/0	0/0	15/13	0/0	0/0	0/0	
N4AF		1,162,614	1,605	222	SO-CW-HP	7/5	141/37	465/62	763/67	228/44	21/7	
K4QPL		126,720	488	110	SO-CW-HP	0/0	53/10	174/39	200/39	61/19	3/3	
N4HA		69,054	267	102	SO-CW-LP	1/1	8/4	75/38	107/32	70/20	13/7	
N4QM		60,904	240	92	SO-CW-HP	0/0	0/0	67/32	126/45	50/14	4/1	
K4BSK		7,328	113	32	SO-CW-LP	0/0	5/4	30/4	47/12	31/11	1/1	
N3CZ		7,326	70	37	SO-CW-QRP	0/0	0/0	0/0	70/37	0/0	0/0	

NZ4DX	132	16	6	SO-CW-QRP	0/0	0/0	0/0	15/4	2/2	0/0	
AD8J	247,247	665	143	SOU-MIX-HP	5/3	25/13	160/44	358/53	126/30	0/0	
N3ND	54,900	216	90	SOU-MIX-HP	0/0	0/0	0/0	155/56	56/31	6/3	
KJ4KTG	6,956	64	47	SOU-PH-LP	0/0	4/4	10/9	45/27	6/6	1/1	
AE4TI	5,497	67	23	SOU-PH-LP	0/0	5/3	38/10	25/10	0/0	0/0	
K5EK	91,300	334	110	SOU-CW-HP	0/0	26/17	86/30	167/37	53/22	6/4	
W1AJT	2,025	35	25	SOU-CW-HP	0/0	27/20	8/5	0/0	0/0	0/0	
Northern Florida											
K4PV	63,882	474	63	SO-MIX-HP	0/0	95/13	166/23	179/22	47/5	0/0	
WA4IPU	16,430	115	62	SO-PH-LP	0/0	0/0	40/25	60/27	17/10	0/0	
KC3EF	12,036	76	51	SO-PH-LP	0/0	0/0	21/19	56/29	3/3	0/0	
WB4MM	2,046	41	22	SO-PH-LP	0/0	0/0	1/1	39/18	4/3	0/0	
K4GOP	630	19	14	SO-PH-LP	0/0	0/0	0/0	12/8	7/5	1/1	
K2PS	68,619	321	89	SO-CW-LP	0/0	13/4	202/50	68/21	30/10	11/4	
K3TW	61,281	273	99	SO-CW-QRP	5/4	39/14	99/31	87/35	32/11	13/4	
KN4Y	53,568	264	93	SO-CW-LP	2/2	11/5	47/29	74/33	25/18	120/6	
W4VQ	5,910	101	30	SO-CW-LP	0/0	0/0	0/0	43/15	55/13	4/2	
KE4D	992	40	16	SO-CW-LP	0/0	0/0	0/0	30/10	14/5	1/1	
AA4MI	33	5	3	SO-CW-QRP	0/0	0/0	0/0	0/0	5/3	0/0	
WO4O	948,073	1,617	217	SOU-MIX-HP	7/7	40/19	557/73	686/81	188/30	164/7	
NF4A	300,800	766	160	SOU-MIX-HP	0/0	104/26	268/55	255/56	127/21	20/2	
KM4HI	26,622	129	102	SOU-MIX-HP	0/0	4/4	37/32	71/52	18/14	0/0	
N4WO	10,260	100	45	SOU-MIX-LP	0/0	0/0	13/8	78/31	10/6	0/0	
K4SBZ	47,124	194	99	SOU-PH-HP	0/0	22/16	58/30	84/38	32/15	0/0	
KC5CMX	17,388	100	63	SOU-PH-LP	0/0	0/0	26/24	74/39	0/0	0/0	
N6AR	434,920	842	166	SOU-CW-HP	2/2	41/23	164/57	644/83	1/1	0/0	
K3KO	53,100	294	75	SOU-CW-LP	0/0	0/0	26/19	169/45	102/11	0/0	
KE1F	12,520	117	40	SOU-CW-LP	0/0	0/0	0/0	125/40	0/0	0/0	
N4WW	1,549,548	1,919	252	MSHP	22/7	112/40	484/77	1,020/82	308/43	11/3	K1CC K1MM N4KM N4WW WF3C
South Carolina											
AE4VJ	34,404	160	94	SO-MIX-HP	3/3	26/18	60/32	61/33	9/7	5/1	
KG6MC	14,896	108	49	SO-MIX-HP	0/0	0/0	31/16	74/28	7/5	0/0	
KR4NO	9,022	163	26	SO-PH-LP	0/0	1/1	33/4	119/11	23/10	0/0	
KD4CB	6,386	108	27	SO-PH-LP	0/0	0/0	0/0	0/0	0/0	0/0	

N4VZ	4,676	69	28	SO-PH-HP	0/0	0/0	0/0	70/28	0/0	0/0	
WU2T	2,592	43	32	SO-PH-HP	0/0	0/0	31/24	13/8	0/0	0/0	
K4NXA	42	6	7	SO-PH-LP	0/0	0/0	6/6	1/1	0/0	0/0	
NE4EA	30,800	220	70	SO-CW-LP	0/0	41/10	84/19	71/28	36/10	4/3	
KF1P	7,140	82	30	SO-CW-LP	0/0	0/0	0/0	89/30	0/0	0/0	
N4IQ	111,280	474	104	SOU-MIX-HP	0/0	75/12	119/23	229/47	62/22	0/0	
W4GE	85,100	296	115	SOU-MIX-HP	8/4	31/10	121/43	123/47	17/11	0/0	
K8AJA	13,740	95	60	SOU-MIX-HP	0/0	0/0	62/34	39/26	0/0	0/0	
WM4AA	10,437	101	49	SOU-MIX-HP	0/0	0/0	24/7	50/31	27/11	0/0	
KN8F	4,452	77	28	SOU-MIX-LP	0/0	7/2	0/0	52/19	18/7	0/0	
KT4OO	2,464	31	32	SOU-MIX-LP	0/0	1/1	14/14	19/17	0/0	0/0	
K2SX	356,706	892	171	SOU-CW-HP	15/5	95/22	197/50	387/62	179/23	34/9	
NI7R	100,772	316	122	SOU-CW-LP	0/0	3/2	156/55	137/56	22/9	0/0	
Southern Florida											
NJ2F	19,224	138	54	SO-MIX-HP	0/0	0/0	27/12	104/37	7/5	0/0	
KC3D	92,400	278	110	SO-PH-HP	0/0	0/0	69/40	198/59	14/9	3/2	
N2NYR	4,000	51	32	SO-PH-HP	0/0	0/0	20/12	29/13	11/7	0/0	
KJ4LQX	744	22	12	SO-PH-HP	0/0	0/0	9/4	15/8	0/0	0/0	
K4NBC	611	21	13	SO-PH-LP	0/0	0/0	0/0	24/13	0/0	0/0	
N4UM	93,504	404	96	SO-CW-HP	0/0	0/0	69/26	216/48	74/15	50/7	
AI4WW	432	24	9	SO-CW-HP	0/0	0/0	0/0	24/9	0/0	0/0	
AA4NP	150	13	6	SO-CW-LP	0/0	0/0	0/0	0/0	13/6	0/0	
AF4RK	30,723	195	57	SOU-MIX-HP	0/0	0/0	111/29	87/28	0/0	0/0	
AF3K	14,248	134	52	SOU-MIX-HP	0/0	2/2	65/25	35/16	4/2	31/7	
AD4ES	530,189	1,315	157	MSHP	6/4	44/8	480/64	536/47	289/30	6/4	AD4ES K9ES N1ZZ N8KH W4EE W4SO
Tennessee											
KS4X	429	15	11	SO-MIX-LP	0/0	1/1	0/0	14/10	0/0	0/0	
N4CNZ	144	8	6	SO-MIX-HP	0/0	0/0	2/2	6/4	0/0	0/0	
WA4JA	40,650	218	75	SO-PH-LP	0/0	9/4	147/37	62/30	4/4	0/0	
AB4GG	34,452	383	44	SO-PH-HP	0/0	0/0	136/11	243/26	18/7	0/0	
KJ4KKD	10,000	88	50	SO-PH-LP	0/0	0/0	38/19	53/27	4/4	0/0	
N4MAW	2,668	50	29	SO-PH-HP	0/0	0/0	17/12	34/15	2/2	0/0	
KM4ZOW	2,124	36	18	SO-PH-LP	0/0	0/0	6/4	26/8	5/5	1/1	
KM4ZJL	1,998	45	18	SO-PH-LP	0/0	0/0	43/15	5/3	0/0	0/0	

KC4TNQ	1,539	35	19	SO-PH-LP	0/0	0/0	27/12	8/7	0/0	0/0	
KA4OTB	640	20	16	SO-PH-HP	0/0	0/0	0/0	20/16	0/0	0/0	
KM4ZCT	208	10	8	SO-PH-LP	0/0	0/0	3/2	8/6	0/0	0/0	
KØEJ	1,020,376	1,938	196	SO-CW-HP	28/8	205/29	591/53	694/54	331/36	117/16	
K1GU	174,361	491	121	SO-CW-HP	0/0	36/12	219/49	177/42	62/18	0/0	
K9UQN	76,824	333	88	SO-CW-HP	0/0	40/11	159/39	136/38	0/0	0/0	
N4NA	32,079	279	51	SO-CW-HP	0/0	0/0	75/10	153/30	54/11	0/0	NB4M
W6UB	15,918	125	42	SO-CW-HP	0/0	0/0	27/9	76/24	29/9	0/0	
NA4K	12,264	124	42	SO-CW-HP	0/0	0/0	0/0	53/25	67/15	4/2	
WBØSND	8,646	128	33	SO-CW-QRP	0/0	0/0	7/4	62/18	56/9	4/2	
W4UT	7,363	59	37	SO-CW-HP	0/0	0/0	16/14	44/23	0/0	0/0	
K4AFE	91,378	348	107	SOU-MIX-HP	7/3	25/12	99/32	181/42	41/14	5/4	
N4BCD	15,340	104	59	SOU-MIX-HP	0/0	4/4	40/27	53/22	9/6	0/0	
W4CMG	2,375	45	25	SOU-PH-LP	0/0	1/1	27/13	17/8	3/3	0/0	
KM4HQE	96	6	6	SOU-PH-HP	0/0	0/0	0/0	6/6	0/0	0/0	
W4NZ	796,314	1,428	211	SOU-CW-HP	25/9	153/21	397/72	589/75	237/24	37/10	
K3IE	471,844	1,016	179	SOU-CW-LP	38/10	124/24	299/53	414/67	157/24	2/1	
AD4EB	146,792	486	118	SOU-CW-HP	0/0	127/27	194/44	172/47	0/0	0/0	
AA4DD	103,698	263	126	SOU-CW-HP	13/5	47/15	71/40	114/51	17/12	3/3	
Virginia											
WA4JUK	247,520	656	130	SO-MIX-HP	21/5	35/8	194/41	301/56	103/13	17/7	
N4CF	68,377	279	101	SO-MIX-LP	11/4	14/6	95/39	135/38	26/10	10/4	
W5VS	1,975	37	25	SO-MIX-LP	0/0	0/0	11/10	28/15	0/0	0/0	
N4MM	107,435	373	143	SO-PH-HP	0/0	0/0	0/0	0/0	0/0	0/0	
WA9TTC	29,346	146	73	SO-PH-HP	0/0	0/0	22/17	119/53	6/3	0/0	
KF4EKA	19,406	129	62	SO-PH-LP	0/0	0/0	36/20	95/42	0/0	0/0	
N4WQH	4,995	57	45	SO-PH-LP	1/1	5/4	18/15	32/16	9/8	1/1	
K4GJF	1,188	24	22	SO-PH-LP	0/0	0/0	7/7	18/15	0/0	0/0	
NN4RB	1,062	23	18	SO-PH-LP	0/0	6/5	9/8	8/5	0/0	0/0	
KB8ABJ	902	23	22	SO-PH-LP	0/0	0/0	14/12	12/10	0/0	0/0	
KW4XZ	144	8	9	SO-PH-LP	0/0	0/0	5/4	4/4	1/1	0/0	
K7SV	680,504	1,192	209	SO-CW-LP	45/7	163/36	333/65	509/69	141/24	23/8	
NR4M	220,416	792	82	SO-CW-HP	0/0	0/0	219/31	501/35	87/16	0/0	
AA4EA	186,043	477	143	SO-CW-HP	2/2	8/7	219/59	169/52	74/19	9/4	
W4YE	110,992	345	112	SO-CW-LP	0/0	16/10	114/41	162/42	49/16	6/3	
K2WK	75,938	309	86	SO-CW-HP	0/0	0/0	202/45	95/35	15/6	0/0	

K4FTO		37,814	199	74	SO-CW-LP	0/0	2/2	40/24	115/36	41/10	2/2	
WØQQG		32,572	213	68	SO-CW-LP	0/0	29/8	50/22	121/29	16/7	2/2	
K4ORD		29,640	150	65	SO-CW-LP	0/0	0/0	52/20	95/41	4/4	0/0	
KN4DEB		12,852	258	17	SO-CW-HP	0/0	0/0	0/0	263/17	0/0	0/0	
N4BC		12,816	131	48	SO-CW-LP	0/0	0/0	47/17	66/21	21/6	4/4	
KI4FW		10,842	126	39	SO-CW-QRP	0/0	0/0	23/13	61/14	41/9	9/3	
K4MX		6,405	77	35	SO-CW-LP	0/0	0/0	49/22	17/7	10/4	2/2	
N3JT		3,294	46	27	SO-CW-HP	0/0	0/0	0/0	48/27	0/0	0/0	
K4GM		1,005	29	15	SO-CW-LP	0/0	0/0	26/12	4/3	0/0	0/0	
KN4VV		336	22	8	SO-CW-QRP	0/0	0/0	4/2	18/4	2/2	0/0	
N4QWF		2,808	46	18	SOU-MIX-HP	0/0	0/0	39/11	8/6	1/1	0/0	
KD4LEM		2,844	39	36	SOU-PH-LP	0/0	3/3	17/16	23/17	0/0	0/0	
KM4IAJ		690	20	15	SOU-PH-LP	0/0	0/0	20/15	0/0	0/0	0/0	
W4ML		619,830	1,165	194	SOU-CW-HP	14/4	95/19	335/58	494/71	204/33	32/9	W4MYA
N3UA		317,232	649	144	SOU-CW-HP	6/4	40/19	141/50	454/62	13/9	0/0	
N4HB		152,432	417	112	SOU-CW-HP	0/0	7/6	160/44	250/57	8/5	0/0	
KK4XX		83,460	306	107	SOU-CW-LP	4/3	74/16	158/45	75/43	0/0	0/0	
K4GMH		63,200	262	80	SOU-CW-HP	0/0	0/0	49/21	156/43	64/16	0/0	
AB4SF		49,220	203	92	SOU-CW-LP	0/0	25/9	76/39	84/36	22/8	0/0	
W4PM		24,232	210	52	SOU-CW-LP	0/0	12/3	97/31	88/13	13/4	2/1	
K1SE		19,090	203	46	SOU-CW-HP	0/0	0/0	67/14	72/16	71/16	0/0	
KG9LB		1,245	37	15	SOU-CW-HP	0/0	0/0	27/9	16/6	0/0	0/0	
West Central Florida												
NT4Z		6,992	66	46	SO-MIX-LP	0/0	0/0	14/12	50/31	3/2	1/1	
N4TB		540	30	10	SO-MIX-LP	0/0	1/1	0/0	20/5	10/4	0/0	
N2ESP		55,826	208	103	SO-PH-LP	0/0	0/0	67/39	113/49	28/15	0/0	
N3GD		86,950	295	94	SO-CW-LP	0/0	0/0	158/50	142/44	0/0	0/0	
K1TN		8,930	67	38	SO-CW-LP	0/0	0/0	17/14	52/24	0/0	0/0	
K9HXO		1,368	28	19	SO-CW-LP	0/0	0/0	0/0	23/13	10/5	1/1	
KB4FB		216	12	9	SO-CW-LP	0/0	0/0	0/0	3/3	10/6	0/0	
K5KG		656,766	1,329	198	SOU-MIX-LP	6/2	94/21	536/69	426/67	178/30	108/9	
WØPV		53,240	176	110	SOU-PH-LP	0/0	8/8	44/35	116/59	7/6	2/2	
KU4FX		10,296	94	44	SOU-PH-LP	0/0	0/0	39/22	58/22	0/0	0/0	
KK4AND		2,550	38	25	SOU-PH-LP	0/0	0/0	38/25	0/0	0/0	0/0	
AD4YQ		944	25	16	SOU-PH-LP	0/0	0/0	1/1	17/10	3/3	4/2	
K2MK		62,331	349	79	SOU-CW-LP	0/0	0/0	122/24	170/41	52/10	6/4	

U.S. Call Area 5											
Arkansas											
N5EE	27,302	128	73	SO-CW-LP	0/0	2/2	31/20	89/45	7/5	1/1	
Mississippi											
N5CW	193,140	934	90	SO-CW-HP	0/0	140/16	236/29	446/37	135/8	0/0	
K7ZYV	1,870	35	22	SO-CW-LP	0/0	0/0	0/0	23/14	14/7	1/1	
U.S. Call Area 8											
Michigan											
W8TAM	9,675	113	43	SO-MIX-LP	0/0	0/0	24/9	74/27	22/6	1/1	
K8VOX	1,870	44	17	SO-MIX-LP	0/0	0/0	0/0	44/17	0/0	0/0	
KE8XH	9,982	85	46	SO-PH-LP	0/0	0/0	11/10	66/29	8/7	0/0	
K8ZZU	8,668	77	44	SO-PH-LP	0/0	0/0	10/5	53/29	15/9	1/1	
WA8MXJ	7,410	103	38	SO-PH-LP	0/0	0/0	16/10	87/27	1/1	0/0	
W8ZAC	559	27	13	SO-PH-LP	0/0	0/0	2/2	23/9	2/2	0/0	
KE8CDD	232	15	8	SO-PH-LP	0/0	0/0	4/3	9/3	2/2	0/0	
NA8V	960,192	1,715	192	SO-CW-HP	61/11	241/36	452/53	848/67	119/22	8/3	
K8QKY	187,680	604	115	SO-CW-HP	0/0	0/0	246/42	290/55	84/15	6/3	
WD8S	23,373	185	49	SO-CW-LP	0/0	21/6	37/9	123/30	18/4	0/0	
K7DR	21,604	235	44	SO-CW-LP	0/0	58/9	51/10	103/17	24/7	1/1	
K8MJZ	12,690	96	47	SO-CW-LP	0/0	1/1	8/6	75/32	12/7	1/1	
WN8P	10,080	124	35	SO-CW-LP	0/0	0/0	42/11	89/24	0/0	0/0	
W8ARU	8,160	123	32	SO-CW-LP	0/0	0/0	0/0	100/24	24/8	0/0	
NF8M	5,544	68	33	SO-CW-LP	0/0	0/0	26/11	40/19	3/3	0/0	
NE8J	1,368	36	19	SO-CW-LP	0/0	0/0	16/9	19/7	3/3	0/0	
K8GT	80,464	302	107	SOU-MIX-LP	3/2	50/12	102/34	119/46	28/10	3/3	
N8GAS	32,472	194	66	SOU-MIX-HP	0/0	0/0	58/20	121/38	25/7	1/1	
KE8BII	1,938	36	19	SOU-MIX-LP	2/2	0/0	24/8	9/6	5/3	0/0	
N8VY	19,665	105	69	SOU-PH-HP	0/0	2/2	20/15	85/48	4/4	0/0	
KJ8O	532	16	14	SOU-PH-LP	0/0	0/0	3/2	14/12	0/0	0/0	
K8BZ	166,662	498	141	SOU-CW-HP	16/7	56/13	173/47	202/56	54/18	0/0	
N8EA	9,994	117	38	SOU-CW-LP	54/8	15/6	30/13	18/11	0/0	0/0	

N8II	413,850	791	178	SO-MIX-LP	30/6	74/21	160/47	434/72	91/27	11/5	
K3ZJ	437,745	883	165	SO-PH-HP	0/0	32/18	101/47	722/73	38/21	9/6	
AC8UL	585	21	13	SO-PH-LP	0/0	0/0	3/3	17/9	0/0	1/1	
K3JT	374,712	870	156	SO-CW-HP	0/0	158/25	149/45	394/50	138/23	38/13	
WA8KAN	52,332	263	84	SO-CW-HP	0/0	33/5	88/24	103/39	37/14	5/2	
K8JQ	5,954	93	26	SO-CW-HP	0/0	0/0	0/0	62/16	23/5	10/5	
U.S. Call Area 9											
Illinois											
WB9HFK	59,760	318	83	SO-MIX-LP	0/0	75/13	100/26	129/36	14/8	0/0	
N9EP	42,876	382	54	SO-MIX-QRP	0/0	54/7	104/14	170/24	57/9	0/0	
W9VQ	15,480	112	60	SO-MIX-LP	0/0	13/6	16/11	69/37	15/6	0/0	
N9LYE	9,180	96	45	SO-MIX-HP	0/0	0/0	11/7	51/25	28/9	6/4	
WS9V	6,237	143	21	SO-MIX-LP	0/0	0/0	0/0	97/7	53/14	0/0	
KD9MS	2,508	54	22	SO-MIX-LP	0/0	0/0	0/0	30/12	20/9	4/1	
NV9X	2,460	65	20	SO-MIX-LP	0/0	0/0	13/7	45/9	10/3	2/1	
W9TTY	360	21	8	SO-MIX-LP	0/0	0/0	0/0	22/8	0/0	0/0	
W9KVR	25,500	166	75	SO-PH-LP	0/0	26/11	46/21	94/42	2/1	0/0	
WA9ZVF	11,417	103	49	SO-PH-HP	0/0	0/0	8/8	92/36	5/5	0/0	
W9KXQ	7,182	59	42	SO-PH-HP	0/0	0/0	14/9	47/33	0/0	0/0	
KG9N	49,980	312	51	SO-CW-HP	0/0	12/6	107/14	190/29	7/2	0/0	
WO9S	21,825	187	45	SO-CW-LP	0/0	0/0	0/0	191/45	0/0	0/0	
N9JZN	7,000	71	40	SO-CW-LP	0/0	0/0	35/17	27/17	8/4	2/2	
W9RF	3,406	49	26	SO-CW-LP	0/0	0/0	2/2	22/13	27/11	0/0	
NX9Y	2,020	45	20	SO-CW-LP	0/0	0/0	14/6	31/13	2/1	0/0	
KC9UJS	848	25	16	SO-CW-LP	0/0	16/8	11/8	0/0	0/0	0/0	
W9SE	354	35	6	SO-CW-LP	36/6	0/0	0/0	0/0	0/0	0/0	
KA9CAR	264	17	8	SO-CW-LP	0/0	0/0	18/8	0/0	0/0	0/0	
WT2P	199,520	756	116	SOU-MIX-HP	0/0	110/9	284/39	301/56	67/9	7/3	
ND9G	87,936	390	96	SOU-MIX-HP	0/0	54/9	147/34	146/45	48/8	0/0	
K9PG	11,832	100	58	SOU-MIX-LP	1/1	6/5	7/7	51/28	23/11	12/6	
KW9U	8,159	89	41	SOU-MIX-LP	0/0	0/0	22/7	67/34	0/0	0/0	
NR9K	3,850	52	35	SOU-PH-LP	0/0	1/1	14/9	27/19	11/5	1/1	
KC9BG	2,678	51	26	SOU-PH-LP	0/0	2/1	20/9	23/9	8/7	0/0	
K9CT	725,985	1,111	221	SOU-CW-HP	23/10	85/37	244/60	623/82	134/26	12/6	
AB9YC	154,305	479	127	SOU-CW-LP	0/0	54/11	131/33	249/61	51/20	2/2	

N9LQ	136,320	446	120	SOU-CW-HP	8/4	22/6	90/36	280/62	46/11	1/1	
K9MMS	124,830	405	114	SOU-CW-HP	60/9	31/17	36/29	268/52	17/7	0/0	
AD9I	41,192	230	76	SOU-CW-HP	0/0	39/7	39/14	119/41	41/14	0/0	
K9GY	33,534	194	81	SOU-CW-LP	0/0	30/13	42/26	84/27	30/11	11/4	
K9CW	21,540	141	60	SOU-CW-LP	0/0	10/5	25/10	80/33	27/12	0/0	
KB9O	5,363	79	31	SOU-CW-LP	0/0	0/0	14/9	45/15	21/7	0/0	
N9TF	224	18	7	SOU-CW-LP	0/0	0/0	18/7	0/0	0/0	0/0	
NV9L	1,211,504	1,816	232	MSHP	36/8	133/33	434/64	1,013/92	227/35	0/0	K9CS NV9L W9ILY WB9Z
Indiana											
WØZP	177,165	597	127	SO-MIX-LP	23/7	152/27	193/34	181/45	53/13	1/1	
N9AFU	3,553	61	19	SO-MIX-LP	0/0	0/0	25/5	46/14	0/0	0/0	
WB9ONU	25,146	151	66	SO-PH-HP	0/0	0/0	43/17	102/42	13/6	2/1	
K9AMP	9,936	91	48	SO-PH-HP	0/0	0/0	29/19	61/28	1/1	0/0	
K9ELF	12	2	2	SO-PH-LP	0/0	0/0	0/0	2/2	0/0	0/0	
W9RE	1,617,603	2,229	247	SO-CW-HP	120/17	254/44	529/64	968/68	356/42	32/12	
W9TC	54,990	219	94	SO-CW-LP	7/3	40/16	43/20	125/49	9/6	0/0	
N9DMA	11,592	162	36	SO-CW-LP	2/2	63/8	41/8	26/10	37/6	11/2	
K9KM	2,376	54	22	SO-CW-LP	0/0	0/0	46/15	8/7	0/0	0/0	
W9PA	457,491	717	219	SOU-MIX-HP	41/12	63/19	250/70	300/81	84/26	17/11	
KU9V	1,050	32	15	SOU-MIX-LP	0/0	1/1	32/14	0/0	0/0	0/0	
KC9QQ	81,090	307	106	SOU-PH-HP	0/0	0/0	135/36	163/60	13/10	0/0	
K9NW	1,181,628	1,633	252	SOU-CW-HP	85/12	229/39	388/67	706/85	193/36	41/13	
KØTQ	62,662	238	97	SOU-CW-HP	0/0	27/13	58/32	117/38	42/14	0/0	
AJ9C	42,746	217	58	SOU-CW-HP	8/4	16/9	36/19	161/26	0/0	0/0	
WT9U	36,294	214	69	SOU-CW-HP	0/0	32/10	102/27	83/32	0/0	0/0	
K9JWI	22,250	189	50	SOU-CW-HP	0/0	0/0	0/0	144/35	43/13	4/2	
Wisconsin											
N9EAX	5,814	73	38	SO-PH-LP	0/0	0/0	21/12	48/22	7/4	0/0	
KC9ZGY	2,106	47	18	SO-PH-LP	0/0	0/0	0/0	50/18	0/0	0/0	
K9QVB	49,248	344	57	SO-CW-LP	0/0	0/0	198/21	126/26	25/10	0/0	
W9OA	13,344	78	48	SO-CW-HP	0/0	2/2	38/28	43/18	0/0	0/0	W9OA 9
WQ5O	390	14	13	SO-CW-LP	0/0	0/0	0/0	14/13	0/0	0/0	
K9OM	764,478	1,065	242	SOU-MIX-HP	69/12	143/35	215/70	524/88	113/31	16/6	
NQ9A	4,375	91	25	SOU-MIX-LP	0/0	2/2	27/7	63/15	1/1	0/0	
N9NBC	3,125	57	25	SOU-PH-HP	0/0	0/0	4/3	57/22	0/0	0/0	

N9DBS	1,500	34	15	SOU-PH-HP	0/0	0/0	7/4	31/11	0/0	0/0	
N9CK	78,795	283	103	SOU-CW-LP	0/0	22/6	113/40	131/48	17/9	0/0	
Call	Score	QSOs	Mults	Category	160	80	40	20	15	10	Operator(s) and/or Host
Zone 9											
Canada											
Maritime											
VE1WOW	65,520	236	101	SO-PH-LP	0/0	0/0	0/0	0/0	0/0	0/0	
VE1SQ	17,568	108	48	SO-PH-LP	0/0	0/0	0/0	110/48	0/0	0/0	
VE1ANU	199,320	521	120	SO-CW-LP	0/0	86/21	147/36	223/47	61/14	14/2	
VE9HF	18,980	196	26	SO-CW-HP	0/0	0/0	198/26	0/0	0/0	0/0	
VY2/WS5K	99,876	265	116	SOU-PH-HP	0/0	7/7	114/34	115/51	38/24	0/0	
VE9CB	1,267,968	1,752	192	MSHP	4/2	67/26	594/65	998/68	125/28	3/3	CG9EX VE9CB
Newfoundland/Labrador											
N8GU/VO1	8,034	101	26	SO-MIX-LP	0/0	0/0	0/0	107/26	0/0	0/0	
Quebec											
VE2FK	344,410	847	110	SOU-CW-HP	0/0	0/0	285/46	453/50	112/12	3/2	
Saint Pierre & Miquelon											
FP/KV1J	101,365	373	95	SOU-MIX-HP	0/0	21/15	57/20	264/46	27/10	7/4	KV1J
Call	Score	QSOs	Mults	Category	160	80	40	20	15	10	Operator(s) and/or Host
Zone 10											
Mexico											
XE1SVT	256	10	8	SO-PH-LP	0/0	0/0	0/0	10/8	0/0	0/0	
XE2S	99,294	452	67	SO-CW-HP	0/0	4/2	293/28	164/36	1/1	0/0	
XE1RZL	1,534	40	13	SO-CW-LP	0/0	29/4	0/0	14/9	0/0	0/0	
XE2ST	56,850	373	50	SOU-MIX-HP	0/0	14/5	252/26	114/16	3/3	0/0	
XE2B	24,299	177	47	SOU-MIX-LP	2/2	31/5	67/18	52/11	30/11	0/0	
XE2N	1,800	34	20	MSHP	0/0	0/0	0/0	39/20	0/0	0/0	XE2DLC XE2N
Call	Score	QSOs	Mults	Category	160	80	40	20	15	10	Operator(s) and/or Host

Zone 11												
Bonaire												
PJ4DX	507,060	734	162	SO-PH-HP	0/0	48/33	157/48	510/60	25/17	4/4		
Brazil												
PY1EZ	4	2	2	SO-PH-LP	0/0	0/0	0/0	0/0	2/2	0/0		
Costa Rica												
TI1K	614,864	1,108	166	SO-PH-LP	0/0	37/20	203/53	761/74	125/19	0/0	TI2CDA	
TI2WMP	14,832	132	36	SO-PH-LP	0/0	0/0	0/0	135/36	0/0	0/0		
Cuba												
CM8CF	196	14	14	SO-MIX-LP	0/0	0/0	13/13	1/1	0/0	0/0		
CO6LC	108,316	639	52	SO-PH-LP	0/0	0/0	0/0	666/52	0/0	0/0		
CO3LF	6,916	77	28	SO-PH-LP	0/0	0/0	0/0	78/28	0/0	0/0		
CO6HLP	6,426	69	34	SO-PH-LP	0/0	0/0	71/34	0/0	0/0	0/0		
CM3EFM	1,403	33	23	SO-PH-LP	0/0	0/0	35/23	0/0	0/0	0/0		
CM8ADT	493	17	17	SOU-MIX-LP	0/0	1/1	17/15	0/0	1/1	0/0		
Dominican Republic												
HI8A	100,464	293	112	SO-CW-LP	3/2	35/16	85/29	135/46	32/15	4/4		
HI8JSG	137,016	412	99	SOU-PH-LP	0/0	6/6	119/38	309/52	3/3	0/0		
HI8KW	4,026	46	33	SOU-PH-LP	0/0	0/0	0/0	49/33	0/0	0/0		
HI3AA	11,882	131	26	MSHP	0/0	0/0	3/1	123/22	6/3	0/0	HI3AA LU1FAM	
Honduras												
HR2DMR	44,806	294	43	SO-PH-LP	0/0	0/0	0/0	296/43	0/0	0/0		
Panama												
HP3SS	63,900	256	75	SO-CW-HP	0/0	3/3	59/25	165/34	38/13	0/0		
HP1AC	12,642	97	42	SO-CW-LP	0/0	0/0	0/0	102/42	0/0	0/0		
HP1XT	96,063	279	123	SOU-CW-HP	0/0	26/17	103/43	97/48	56/15	0/0		
Puerto Rico												
KP4RV	143,158	655	62	SO-PH-HP	0/0	0/0	0/0	677/62	0/0	0/0		
NP3RE	121,200	386	101	SO-PH-LP	0/0	6/5	245/49	75/28	83/19	0/0		

HC1CD	69,325	275	59	SO-PH-LP	0/0	0/0	0/0	287/59	0/0	0/0	
HC1JQ	45,280	250	40	SO-PH-HP	0/0	0/0	0/0	256/40	0/0	0/0	
HC5VF	2,704	38	26	SO-PH-LP	0/0	0/0	0/0	38/26	0/0	0/0	
HC2AO	297,025	599	109	SO-CW-LP	0/0	0/0	122/41	441/52	41/16	0/0	
Venezuela											
YV4RDC	40,334	158	67	SO-PH-LP	0/0	0/0	102/32	65/33	2/2	0/0	
YV1SW	35,552	140	88	SO-PH-LP	0/0	0/0	104/53	31/28	8/7	0/0	
YV5IAL	33,370	134	71	SO-PH-LP	0/0	20/12	22/18	88/35	7/3	3/3	
YV5EN	322,350	676	105	SO-CW-LP	0/0	0/0	493/55	172/39	11/7	4/4	
YV7MAY	72,522	209	102	SOU-PH-LP	0/0	0/0	97/48	107/44	12/10	0/0	
YV5COR	658	17	14	SOU-PH-LP	0/0	0/0	17/12	2/2	0/0	0/0	
Call											
	Score	QSOs	Mults	Category	160	80	40	20	15	10	Operator(s) and/or Host
Zone 13											
Brazil											
PR7GA	3,999	49	31	SO-MIX-LP	0/0	0/0	4/4	0/0	50/27	0/0	
PY8WW	31,958	147	58	SO-PH-LP	0/0	0/0	5/5	105/29	41/24	0/0	
PP7LP	2,300	36	25	SO-PH-LP	0/0	0/0	0/0	7/6	30/19	0/0	
PR7AR	2,142	28	21	SO-CW-LP	0/0	0/0	0/0	20/12	10/9	0/0	
PY7BC	133	7	7	SO-CW-LP	0/0	0/0	2/2	1/1	4/4	0/0	
PT7ZT	89,784	254	87	SOU-MIX-LP	0/0	0/0	9/8	104/35	141/38	6/6	
PY6TS	17,680	104	40	SOU-MIX-HP	0/0	0/0	0/0	99/25	24/15	0/0	
PY7XC	11,490	95	30	SOU-MIX-HP	0/0	0/0	0/0	98/30	0/0	0/0	
PR7MB	5,889	49	39	SOU-MIX-LP	0/0	0/0	17/14	13/8	19/16	1/1	
PP7DX	9,200	70	46	SOU-PH-LP	0/0	4/3	13/8	0/0	55/35	0/0	
PR7RBA	5,082	48	33	SOU-PH-LP	0/0	2/1	4/2	45/25	5/5	0/0	
PR7KSA	5	5	5	SOU-PH-QRP	0/0	3/1	2/1	0/0	3/3	0/0	
PR7AB	414,855	687	135	SOU-CW-HP	0/0	37/22	196/37	270/33	211/43	0/0	
PR7GY	9,520	74	35	SOU-CW-LP	0/0	0/0	0/0	0/0	79/35	0/0	
ZW8T	411,983	691	143	MSHP	0/0	86/29	155/35	295/36	199/42	1/1	PS8HF PS8NF
Call											
	Score	QSOs	Mults	Category	160	80	40	20	15	10	Operator(s) and/or Host
Zone 14											
Argentina											

PS2T	1,341,704	1,516	194	SO-MIX-HP	0/0	197/46	390/48	645/47	310/49	4/4	PY2NY
PY2NDX	6,804	61	36	SO-MIX-HP	0/0	0/0	15/12	46/24	0/0	0/0	
PY5WW	1,400	26	25	SO-MIX-HP	0/0	11/11	0/0	5/5	10/9	0/0	
PY2MIA	65	7	5	SO-MIX-LP	0/0	0/0	1/1	6/4	0/0	0/0	
PP5DZ	22,143	107	61	SO-PH-LP	0/0	0/0	0/0	64/36	45/25	0/0	
PY3BEG	1,207	25	17	SO-PH-LP	0/0	0/0	0/0	23/14	3/3	0/0	
PY2GTA	1,160	24	20	SO-PH-HP	0/0	0/0	0/0	0/0	24/20	0/0	
PY1NS	275	13	11	SO-PH-LP	0/0	0/0	0/0	9/7	4/4	0/0	
PY5KA	108	6	6	SO-PH-HP	0/0	0/0	0/0	5/4	2/2	0/0	
PU2SDX	3	1	1	SO-PH-LP	0/0	0/0	0/0	0/0	0/0	1/1	
PU1LIG	3	2	1	SO-PH-LP	0/0	2/1	0/0	0/0	0/0	0/0	
PY4YY	64,324	269	52	SO-CW-HP	0/0	0/0	21/9	76/13	166/24	11/6	
PY1AX	20,121	101	57	SO-CW-LP	0/0	0/0	8/7	60/25	40/24	1/1	
PY4ARS	12,402	76	53	SO-CW-LP	0/0	0/0	35/25	43/28	0/0	0/0	
PY5DK	1,219	25	23	SO-CW-HP	0/0	0/0	0/0	25/23	0/0	0/0	
PY2DMZ	627	15	11	SO-CW-LP	0/0	3/3	3/3	0/0	9/5	0/0	
PP5EJ	420	21	4	SO-CW-LP	0/0	0/0	0/0	21/4	0/0	0/0	
PY1YU	348	13	12	SO-CW-LP	0/0	0/0	10/8	0/0	5/4	0/0	
PY1MK	279	11	9	SO-CW-LP	0/0	0/0	2/2	0/0	10/7	0/0	
PY2KC	48,204	182	78	SOU-MIX-LP	1/1	23/16	39/19	0/0	122/40	2/2	
ZX2V	19,085	103	55	SOU-MIX-HP	0/0	0/0	5/5	109/42	11/8	0/0	
PY4VG	3,969	55	27	SOU-MIX-LP	0/0	10/6	17/8	22/9	8/4	0/0	
PY2KG	945	19	15	SOU-MIX-LP	0/0	0/0	0/0	10/7	11/8	0/0	
PY1JR	780	18	15	SOU-MIX-LP	0/0	0/0	0/0	0/0	18/15	0/0	
PY2TOP	672	16	12	SOU-MIX-LP	0/0	0/0	17/11	1/1	0/0	0/0	
PY2COY	384	10	8	SOU-MIX-LP	0/0	5/4	1/1	4/3	0/0	0/0	
PY5KD	208	8	8	SOU-MIX-LP	0/0	9/8	0/0	0/0	0/0	0/0	
ZX2B	389,038	564	169	SOU-PH-HP	0/0	24/21	182/46	239/56	117/42	6/4	PY2MNL
PY2HP	63,910	210	77	SOU-PH-HP	0/0	0/0	18/18	186/47	14/12	0/0	
PY2ZZ	27,795	143	51	SOU-PH-HP	0/0	0/0	9/9	0/0	138/41	1/1	
PP1WW	5,712	54	42	SOU-PH-LP	0/0	5/5	25/17	14/9	10/8	3/3	
PY5DC	3,296	37	32	SOU-PH-HP	0/0	5/4	20/16	13/12	0/0	0/0	
PY3PA	1,102	20	19	SOU-PH-HP	0/0	0/0	2/2	14/11	6/6	0/0	
PY2XJ	816	20	17	SOU-PH-LP	0/0	0/0	2/2	4/4	15/11	0/0	
PY5JR	441	15	7	SOU-PH-LP	0/0	0/0	0/0	15/7	0/0	0/0	
PY2MP	210	10	7	SOU-PH-LP	0/0	0/0	0/0	8/5	2/2	0/0	
PU2PSP	112	12	7	SOU-PH-LP	0/0	10/6	0/0	0/0	0/0	3/1	

PU2UAF	8	4	2	SOU-PH-LP	0/0	3/1	0/0	0/0	0/0	1/1	
PY4WJ	3	-1	0	SOU-PH-QRP	0/0	0/0	0/0	0/0	0/0	0/0	
PY4HO	187,151	409	103	SOU-CW-HP	17/12	45/23	66/20	167/19	119/26	3/3	
PP1CZ	76,523	285	59	SOU-CW-HP	0/0	3/3	16/13	210/21	73/22	0/0	
PY2SHF	17,808	96	53	SOU-CW-HP	0/0	0/0	0/0	41/23	57/30	0/0	
PY2XB	16,680	109	40	SOU-CW-HP	112/40	0/0	0/0	0/0	0/0	0/0	
PR2D	6,105	53	33	SOU-CW-QRP	0/0	0/0	9/9	21/13	27/11	0/0	PY2LCD
PP5AX	2,139	29	23	SOU-CW-HP	0/0	0/0	18/16	13/7	0/0	0/0	
PU2NAX	378	12	9	SOU-CW-LP	0/0	0/0	0/0	0/0	14/9	0/0	
PY5II	342	10	9	SOU-CW-LP	0/0	0/0	2/2	1/1	8/6	0/0	
PY1FOX	116	7	4	SOU-CW-LP	0/0	0/0	8/4	0/0	0/0	0/0	
PY1KO	4	2	2	SOU-CW-LP	0/0	0/0	1/1	0/0	1/1	0/0	
ZV5O	865,440	1,074	180	MSHP	0/0	37/21	283/56	344/52	457/51	0/0	PY5AB PY5AKW PY5FB PY5FO PY5IN PY5QW PY5SAT PY5ZD
PY4TJ	456,456	760	133	MSHP	1/1	20/13	191/32	442/49	151/38	0/0	PY1FI PY1ZV PY4TJ PY4XX
PY3UEB	53,544	164	97	MSHP	0/0	0/0	38/30	77/38	47/25	6/4	PY3FOX PY3UK
Call	Score	QSOs	Mults	Category	160	80	40	20	15	10	Operator(s) and/or Host
Zone 16											
Argentina											
LU4VZ	3,132	38	29	SO-PH-QRP	0/0	0/0	0/0	32/22	7/7	0/0	
LU5VV	17,388	100	69	SOU-MIX-HP	0/0	0/0	0/0	28/27	72/40	2/2	
Chile											
CE8EIO	23,544	113	72	SO-PH-HP	0/0	12/10	25/20	61/29	17/13	0/0	
CE7KF	1,584	30	22	SO-PH-LP	0/0	0/0	3/3	15/10	12/9	0/0	
Call	Score	QSOs	Mults	Category	160	80	40	20	15	10	Operator(s) and/or Host
Zone 17											
Iceland											
TF8TY	1,539	33	19	SO-PH-LP	0/0	0/0	0/0	36/19	0/0	0/0	
TF3GB	1,474	29	22	SO-CW-HP	0/0	0/0	0/0	29/22	0/0	0/0	
Call	Score	QSOs	Mults	Category	160	80	40	20	15	10	Operator(s) and/or Host

Zone 18												
Aland Islands												
OHØZ	291,212	830	94	SOU-CW-HP	12/7	67/18	65/13	634/43	46/8	12/5	OH2XX	
Denmark												
OZ2BKK	88,494	345	98	SO-MIX-HP	0/0	1/1	113/43	207/40	35/13	1/1		
OZ6AGX	52,640	248	94	SO-MIX-LP	0/0	59/26	101/36	83/27	6/5	0/0		
OZ/SP2UUU	8,505	93	45	SO-MIX-QRP	0/0	2/2	79/31	20/12	0/0	0/0		
OZ1D	72,884	242	133	SO-PH-HP	15/13	25/20	57/37	110/41	32/16	6/6		
OZ1ACB	58,504	226	103	SO-PH-LP	0/0	10/10	63/35	131/41	26/15	2/2		
OZ1DYI	27,936	158	72	SO-PH-LP	0/0	0/0	45/34	103/32	12/6	0/0		
OZ1KKH	20,596	119	76	SO-PH-LP	0/0	12/12	28/23	59/27	17/11	3/3		
OZ4NA	15,960	108	76	SO-PH-LP	0/0	15/14	29/25	54/26	11/11	0/0		
OZ3ANT	7,540	98	29	SO-PH-LP	0/0	0/0	0/0	99/29	0/0	0/0		
OZ6OG	1,058	24	23	SO-PH-LP	0/0	1/1	11/11	15/11	0/0	0/0		
OZ1KM	855	23	19	SO-PH-LP	0/0	0/0	11/11	13/7	1/1	0/0		
OZ8UW	154	11	14	SO-PH-LP	0/0	0/0	2/2	10/10	2/2	0/0		
OZ4FF	91,770	274	115	SO-CW-LP	0/0	18/16	45/31	179/48	40/16	6/4		
OZ5UR	31,122	163	78	SO-CW-LP	0/0	28/15	63/34	66/23	6/6	0/0		
OZ5KU	19,430	110	67	SO-CW-LP	0/0	10/10	45/28	65/23	16/6	0/0		
OZØMF	14,964	114	58	SO-CW-LP	0/0	10/6	58/30	51/22	0/0	0/0	DF5LW	
OZ7BQ	11,505	95	39	SO-CW-LP	0/0	0/0	97/39	0/0	0/0	0/0		
OZ6TL	10,110	121	30	SO-CW-LP	0/0	0/0	0/0	123/30	0/0	0/0		
OZ6KS	1,826	37	22	SO-CW-LP	0/0	0/0	29/16	3/2	5/4	0/0		
OZ3ØEU	351,450	631	198	SOU-PH-HP	21/19	43/28	135/44	359/65	63/29	22/13		
OU3U	86,940	288	115	SOU-PH-LP	0/0	25/23	132/36	119/39	11/11	6/6		
OZ4MU	14,652	92	74	SOU-PH-LP	0/0	0/0	26/22	61/44	5/5	3/3		
OZ2TF	264,384	640	136	SOU-CW-HP	55/21	62/10	103/23	359/52	55/24	15/6		
OZ4SOP	176,880	476	132	SOU-CW-LP	0/0	121/27	147/43	194/48	18/13	1/1	OZ4CG	
OZ8AGB	9,065	77	49	SOU-CW-LP	1/1	20/14	17/12	41/17	5/5	0/0		
OZ8RW	36	6	6	SOU-CW-HP	1/1	1/1	1/1	1/1	1/1	1/1		
Finland												
OF1LAR	13,067	81	73	SO-MIX-HP	10/10	21/18	29/21	31/22	1/1	1/1		
OF5C	9,328	152	22	SO-MIX-LP	2/1	1/1	0/0	145/15	4/4	1/1	OH5CW	
OH2KI	3,625	43	29	SO-MIX-LP	0/0	2/1	0/0	40/20	6/6	2/2		

OH1MA		2,200	48	20	SO-MIX-HP	12/9	31/7	2/1	2/1	2/1	1/1	
OH2HZ		1,872	48	39	SO-MIX-LP	0/0	5/4	22/18	17/13	5/4	0/0	
OH6ECM		231,268	476	179	SO-PH-LP	13/13	36/26	65/40	314/67	43/26	7/7	
OH3KX		1,827	39	21	SO-PH-HP	0/0	0/0	0/0	36/18	3/3	0/0	
OG7O		693,198	1,101	198	SO-CW-HP	18/16	64/20	251/50	561/57	200/39	21/16	OH1VR
OG3G		309,720	636	145	SO-CW-HP	18/14	34/21	74/32	477/56	31/15	9/7	
OH2BAH		271,375	685	125	SO-CW-HP	0/0	50/16	158/39	459/51	25/17	2/2	
OF1SIC		179,800	550	116	SO-CW-LP	0/0	172/25	144/35	195/36	39/17	5/3	SM5SIC
OH8MBN		145,770	388	129	SO-CW-LP	0/0	45/26	97/39	240/59	8/5	0/0	
OF8CW		102,776	324	116	SO-CW-LP	1/1	62/28	70/36	189/46	5/5	0/0	OH8CW
OH2BN		70,618	318	67	SO-CW-HP	0/0	0/0	0/0	318/67	0/0	0/0	
OH2LU		64,608	267	96	SO-CW-QRP	0/0	40/17	48/22	147/34	23/16	9/7	
OH3KQ		22,320	138	72	SO-CW-QRP	10/10	13/10	44/23	69/24	5/4	1/1	
OG3R		15,985	120	99	SO-CW-LP	0/0	0/0	0/0	0/0	0/0	0/0	OH3RU
OH2ID		12,960	108	45	SO-CW-QRP	0/0	1/1	20/13	86/29	2/2	0/0	
OF2KM		5,810	64	35	SO-CW-LP	1/1	1/1	3/3	42/16	12/9	5/5	OH2KM
OF6DC/P		1,513	35	17	SO-CW-QRP	0/0	0/0	0/0	35/17	0/0	0/0	OH6DC
OH2NT		640	20	20	SO-CW-LP	2/2	6/6	6/6	3/2	4/4	0/0	
OF5ZA		32	4	4	SO-CW-LP	0/0	0/0	0/0	4/4	0/0	0/0	OH1ZAA
OG6N		1,737,402	1,786	303	SOU-MIX-HP	68/29	104/42	428/73	1,096/97	93/57	8/5	
OH6LI		1,735,792	1,710	314	SOU-MIX-HP	49/32	112/46	277/76	1,142/103	126/46	25/11	
OH6RE		34,539	401	29	SOU-MIX-HP	0/0	0/0	0/0	406/29	0/0	0/0	
OF7KA		14,063	123	49	SOU-MIX-HP	1/1	2/1	24/14	92/29	4/3	1/1	OH3KAV
OH3JR		3,172	61	52	SOU-MIX-HP	13/12	2/1	13/12	25/21	6/5	2/1	
OF4BNP		14,454	95	66	SOU-PH-HP	0/0	5/5	18/17	51/26	18/14	4/4	
OG7F		426,816	741	192	SOU-CW-HP	15/15	108/38	256/55	300/55	62/21	10/8	
OF5XK		237,975	493	167	SOU-CW-LP	26/18	71/30	104/44	270/60	30/14	1/1	
OH6BA		97,953	331	103	SOU-CW-HP	0/0	8/6	102/39	194/42	29/13	4/3	
OH6BG		27,100	125	100	SOU-CW-HP	0/0	3/3	40/36	55/41	12/9	15/11	
OF2LNH		14,250	155	30	SOU-CW-LP	0/0	0/0	0/0	156/30	0/0	0/0	OH2LNH
OH8TU		9,158	101	38	SOU-CW-LP	0/0	0/0	103/38	0/0	0/0	0/0	
OH6K		505,065	1,049	165	MSHP	12/12	31/27	44/32	954/70	16/15	18/9	OH6FSG OH6MSZ
OF1ØØFI		1,334	30	23	MSHP	1/1	4/3	1/1	27/18	0/0	0/0	OF1TD OF3DP OH1LA OH2MM OH6XY
Norway												
LA2AB		347,474	803	142	SO-MIX-LP	48/19	94/21	233/31	341/49	109/19	3/3	LB4UH

LA3RNA		42,596	195	92	SO-PH-LP	0/0	22/20	49/28	103/31	22/13	0/0	
LA1HL		24,244	141	76	SO-PH-LP	0/0	20/17	49/29	71/27	4/3	0/0	
LB9RE		11,795	123	35	SO-PH-HP	0/0	0/0	0/0	125/35	0/0	0/0	
LA2XNA		1,638	37	18	SO-PH-LP	0/0	0/0	0/0	37/18	0/0	0/0	
LA7SI		20,313	125	61	SO-CW-LP	0/0	26/19	29/17	71/25	0/0	0/0	
LA2HFA		6,235	69	29	SO-CW-LP	0/0	0/0	0/0	69/29	0/0	0/0	
LA6PB		3,886	52	29	SO-CW-LP	0/0	0/0	13/9	34/13	10/7	0/0	
LA7XK		48,960	208	80	SOU-MIX-HP	0/0	0/0	20/17	156/44	35/16	3/3	
LB1AH		41,820	186	85	SOU-PH-LP	0/0	12/10	119/47	57/28	0/0	0/0	
LB8DC		1,100,388	1,662	214	SOU-CW-HP	52/27	263/44	442/48	867/74	44/21	0/0	
LA8OM		791,232	1,285	192	SOU-CW-HP	0/0	167/37	457/65	636/75	36/15	0/0	
LA8AW		29,232	152	72	SOU-CW-LP	0/0	14/10	51/26	72/29	17/7	0/0	
LA1U		5,684	52	49	SOU-CW-HP	0/0	0/0	52/49	0/0	0/0	0/0	
LA2US		3,216	48	24	SOU-CW-HP	0/0	0/0	24/13	24/11	0/0	0/0	
LA8CJ		2,299	31	19	SOU-CW-LP	0/0	0/0	0/0	32/19	0/0	0/0	
LN4BBC		127,558	415	118	MSHP	18/13	54/24	72/25	272/45	14/11	0/0	LA2HJA LA5FBA LA6ZFA LBØCH
Sweden												
SM5DXR		18,483	133	61	SO-MIX-LP	2/2	11/5	29/17	82/25	18/10	2/2	
SI3A		63,366	215	118	SO-PH-HP	5/5	22/21	58/30	121/52	11/10	0/0	SM3LIV
SM7E		56,650	205	110	SO-PH-LP	1/1	21/18	44/28	111/43	34/18	2/2	SM7BHM
SM5NQB		54,426	231	94	SO-PH-LP	0/0	14/13	53/29	139/32	23/17	3/3	
SB6W		47,128	202	86	SO-PH-HP	3/3	15/13	33/23	151/43	4/4	0/0	
SM3HBV		6,357	69	39	SO-PH-LP	0/0	0/0	22/17	43/19	4/3	0/0	SMØHBV
SD3A		990	21	18	SO-PH-HP	1/1	4/4	1/1	14/11	1/1	0/0	SM3FJF
SF3A		471,606	935	166	SO-CW-LP	0/0	49/28	314/54	554/71	22/13	0/0	SM3CER
SM5IMO		164,437	559	91	SO-CW-LP	0/0	25/8	204/32	345/48	4/3	0/0	
SM7CIL		122,835	379	95	SO-CW-LP	0/0	0/0	59/34	312/56	9/5	0/0	
SM6DHU		118,800	310	108	SO-CW-HP	0/0	0/0	149/44	166/61	6/3	0/0	
SD6M		110,112	386	93	SO-CW-LP	0/0	46/14	123/28	205/39	22/11	1/1	SA6BGR
SM5CSS		104,980	343	116	SO-CW-LP	20/15	45/21	61/31	194/37	20/9	3/3	
SE7Q		31,200	150	78	SO-CW-LP	0/0	2/2	51/25	92/42	10/9	0/0	
SI5Y		25,774	182	49	SO-CW-LP	0/0	0/0	0/0	171/36	13/12	1/1	SM5BKK
SM5CCT		9,568	92	46	SO-CW-LP	0/0	9/8	23/17	61/21	0/0	0/0	
SAØBXV		8,316	103	28	SO-CW-HP	0/0	0/0	6/6	99/19	2/2	1/1	
SM6VWG		8,207	93	29	SO-CW-LP	0/0	0/0	0/0	98/29	0/0	0/0	

SM5KQS	3,450	47	46	SO-CW-LP	7/7	7/7	7/7	22/20	5/5	0/0	
SM6EWB	2,500	50	50	SO-CW-LP	4/4	13/13	13/13	14/14	6/6	0/0	
SD1A	798	23	14	SO-CW-HP	0/0	0/0	0/0	24/14	0/0	0/0	SM1TDE
SMØMDG/2	72	8	9	SO-CW-QRP	0/0	0/0	4/4	5/5	0/0	0/0	
SE4E	538,720	1,040	182	SOU-MIX-LP	19/14	203/35	235/46	534/64	57/18	6/5	SM4DQE
SM5EPO	359,432	688	179	SOU-MIX-HP	31/20	40/24	44/20	454/66	95/30	31/19	
SM6A	238,169	549	157	SOU-MIX-HP	17/15	70/31	153/39	284/55	18/11	7/6	SA6AQP
SE6N	136,284	404	123	SOU-MIX-LP	0/0	64/28	112/39	217/45	12/11	0/0	SA6AXR
SE5L	19,470	138	59	SOU-MIX-LP	0/0	6/6	43/22	96/28	3/3	0/0	SM5ALJ
SD7X	10,730	114	37	SOU-MIX-HP	2/1	3/2	66/10	24/12	19/11	2/1	
SM5L	10,455	75	51	SOU-MIX-HP	0/0	12/11	0/0	53/30	11/10	0/0	
SE5Z	166,005	393	155	SOU-PH-LP	0/0	27/26	58/35	258/62	46/25	8/7	SA5BCG
SE5N	64,636	212	113	SOU-PH-HP	0/0	43/29	42/32	120/45	9/7	0/0	SM5ISM
SM6MVE	45,315	195	95	SOU-PH-LP	7/7	20/19	66/35	98/30	5/4	0/0	
SM/DG9SEH	29,160	154	90	SOU-PH-LP	0/0	21/19	48/32	66/26	21/13	0/0	DG9SEH
SA6CME	21,352	138	68	SOU-PH-LP	0/0	8/8	39/25	81/27	11/7	1/1	
SC5C	357,398	697	166	SOU-CW-LP	8/8	48/25	297/48	299/58	39/19	10/8	
SMØLPO	167,551	435	137	SOU-CW-QRP	0/0	73/33	127/38	198/43	37/21	2/2	
SM5COP	107,933	333	119	SOU-CW-HP	11/9	40/19	62/29	194/47	28/15	0/0	
SM3OMO	36,135	197	55	SOU-CW-LP	0/0	0/0	0/0	202/55	0/0	0/0	
SK5LW	7,275	99	25	SOU-CW-LP	0/0	0/0	0/0	95/20	7/5	0/0	SM5PBT
SK6AW	406,464	762	174	MSHP	0/0	89/32	144/44	493/73	38/18	9/7	SA6CBY SA6CMO SM6GBM
SE8W	128,880	402	120	MSHP	0/0	35/28	147/42	209/40	15/10	0/0	SAØBYP SA3BYC
Call	Score	QSOs	Mults	Category	160	80	40	20	15	10	Operator(s) and/or Host
Zone 19											
European Russia											
RZ1OK	385,968	731	176	SO-MIX-LP	0/0	147/35	118/56	440/70	17/8	19/7	
UA1OM	7,130	79	46	SO-MIX-LP	0/0	0/0	75/42	1/1	2/2	1/1	
RA1ANS	5,460	91	20	SO-MIX-LP	0/0	0/0	0/0	111/19	0/0	1/1	
U1BA	38,388	181	84	SO-PH-LP	0/0	14/12	27/22	120/32	23/15	3/3	
UA1F	80,300	262	110	SO-CW-HP	11/6	61/31	74/32	128/41	0/0	0/0	
RU1OZ	13,080	113	40	SO-CW-QRP	0/0	0/0	12/9	102/31	0/0	0/0	
RX1CG	4,212	50	39	SO-CW-HP	0/0	10/9	8/8	36/22	0/0	0/0	
R1NI	4,004	53	52	SO-CW-LP	1/1	6/6	23/23	23/22	0/0	0/0	

Belgium											
ON5WL	45,762	232	87	SO-MIX-LP	0/0	44/18	97/29	62/22	22/12	12/6	
ON5GQ	181,332	472	138	SO-PH-HP	0/0	22/22	133/40	275/52	55/24	0/0	
ON3JMV	10,560	114	33	SO-PH-LP	0/0	1/1	7/6	103/24	3/2	0/0	
ON4AA	6,080	74	38	SO-PH-LP	0/0	0/0	75/38	0/0	0/0	0/0	
ON3AT	1,274	34	13	SO-PH-LP	0/0	0/0	7/3	27/8	0/0	3/2	
ON3ND	104,875	321	125	SO-CW-LP	0/0	25/17	91/32	140/36	49/27	18/13	
ON6NW	65,611	263	91	SO-CW-LP	0/0	28/20	93/30	132/30	15/9	4/2	
OP7T	36,984	176	69	SO-CW-LP	0/0	0/0	51/23	107/32	16/11	3/3	ON4IT
ON5AM	31,902	214	39	SO-CW-HP	0/0	6/4	13/4	202/27	11/4	0/0	
ON8GE	22,015	195	37	SO-CW-LP	0/0	0/0	198/37	0/0	0/0	0/0	
ON7CC	16,128	118	63	SO-CW-QRP	0/0	19/14	47/25	42/13	13/9	2/2	
OS5K	420	14	10	SOU-MIX-LP	0/0	0/0	0/0	5/3	9/7	0/0	ON4EZJ
OO7P	286,896	538	172	SOU-PH-HP	19/19	33/23	39/32	405/60	34/27	14/11	
ON6FC	161,916	544	103	SOU-CW-LP	13/13	72/19	50/24	419/42	9/5	0/0	
OR4K	38,318	152	119	SOU-CW-LP	0/0	28/27	35/30	66/35	20/19	8/8	
OT5A	401,688	755	168	MSHP	6/6	41/25	98/37	578/71	45/28	1/1	ON4AFW ON4AQC ON6WF ON7TA ON8WR
England											
G1SCT	57,500	257	100	SO-MIX-LP	7/6	31/21	71/31	135/31	22/11	0/0	
G4WGE	29,438	157	82	SO-MIX-LP	4/4	41/23	56/28	47/20	9/6	1/1	
G4BEE	3,014	51	22	SO-MIX-LP	0/0	0/0	0/0	47/20	3/1	2/1	
MØGDX	46,436	176	94	SO-PH-LP	2/2	12/12	41/27	116/41	21/12	0/0	
MØMCV	39,758	172	103	SO-PH-HP	0/0	22/21	69/40	70/37	5/2	7/3	
MØRNR	27,959	141	73	SO-PH-HP	0/0	0/0	22/22	112/45	11/6	0/0	
MØIEP	25,872	144	77	SO-PH-LP	1/1	9/8	32/24	84/28	27/16	0/0	
GØPBE	23,785	149	67	SO-PH-LP	0/0	0/0	69/37	78/27	3/3	0/0	
GØRAH	18,720	126	60	SO-PH-LP	0/0	0/0	27/25	83/26	17/8	2/1	
MØTQR	11,275	95	55	SO-PH-LP	0/0	1/1	15/15	58/28	16/8	5/3	
MØRVV	8,970	87	46	SO-PH-LP	0/0	0/0	18/17	69/29	0/0	0/0	
G2Z	7,584	78	48	SO-PH-HP	0/0	0/0	37/28	42/20	0/0	0/0	
M3ZZF	7,182	77	38	SO-PH-LP	0/0	0/0	8/8	51/15	17/12	3/3	
MØRNW	6,762	73	46	SO-PH-LP	0/0	2/2	15/13	43/23	13/8	0/0	
2EØLKC	4,125	56	43	SO-PH-LP	0/0	0/0	0/0	0/0	0/0	0/0	
M6YTU	2,727	45	27	SO-PH-LP	0/0	0/0	0/0	30/18	12/7	3/2	
MØORY	374	18	17	SO-PH-LP	0/0	12/11	0/0	6/6	0/0	0/0	

2EØFTD	238	13	14	SO-PH-LP	0/0	0/0	10/10	7/4	0/0	0/0	
2EØFTT	9	3	3	SO-PH-LP	0/0	0/0	1/1	2/2	0/0	0/0	
G3VGZ	108,270	308	135	SO-CW-HP	24/21	38/20	97/42	126/32	23/18	2/2	
G3N	102,168	316	108	SO-CW-LP	2/2	47/21	100/40	159/37	10/6	2/2	MØJWB
G3LIK	102,052	301	124	SO-CW-LP	0/0	27/22	60/31	162/44	51/20	7/7	
G4DDX	81,360	266	120	SO-CW-LP	10/9	29/20	74/34	142/38	16/16	3/3	
G3RSD	65,520	239	112	SO-CW-LP	18/16	13/13	66/34	112/32	34/17	0/0	
G3TDH	51,128	226	77	SO-CW-HP	0/0	2/2	28/21	200/51	2/2	1/1	
G3VMY	50,482	195	86	SO-CW-LP	0/0	1/1	102/39	95/35	14/11	0/0	
G4HZV	49,818	177	114	SO-CW-HP	0/0	22/22	61/36	68/36	21/14	6/6	
GØGDU	40,474	189	98	SO-CW-LP	0/0	32/22	55/28	89/33	18/15	0/0	
GØBBO	37,275	191	75	SO-CW-LP	0/0	0/0	54/33	115/30	24/11	1/1	
MØOIC	27,572	156	61	SO-CW-LP	0/0	0/0	0/0	129/42	30/17	2/2	
G3YMC	27,288	161	72	SO-CW-QRP	2/2	10/10	60/28	75/24	13/7	1/1	
G3SVK	22,236	115	68	SO-CW-LP	0/0	0/0	40/22	50/29	33/17	0/0	
MØSEV	14,824	154	34	SO-CW-LP	0/0	0/0	0/0	155/34	0/0	0/0	
G4OZG	14,742	111	54	SO-CW-LP	0/0	20/15	30/18	65/21	0/0	0/0	
G3LHJ	6,728	88	29	SO-CW-QRP	0/0	0/0	0/0	91/29	0/0	0/0	
G4NXG/M	3,078	59	18	SO-CW-LP	0/0	0/0	0/0	60/18	0/0	0/0	G4NXG
M5M	2,800	44	40	SO-CW-LP	0/0	1/1	16/15	16/16	9/6	2/2	G4OGB
G3ZNR	264	16	11	SO-CW-QRP	0/0	0/0	11/6	0/0	7/5	0/0	
M3I	557,024	918	208	SOU-MIX-HP	16/12	121/34	240/53	439/63	94/33	26/13	GØORH
G4IYY	484,400	854	200	SOU-MIX-HP	95/33	78/27	143/44	447/69	92/24	6/3	
G3XTT	401,931	835	153	SOU-MIX-HP	0/0	77/46	197/49	569/58	0/0	0/0	
G3TXF	226,144	460	191	SOU-MIX-HP	34/25	50/36	91/49	255/53	25/22	7/6	
G3RVM	112,840	340	124	SOU-MIX-HP	0/0	34/22	64/30	225/55	18/13	5/4	
G4RRM	43,596	199	84	SOU-MIX-HP	0/0	2/1	15/13	131/46	51/22	2/2	
G7T	39,760	147	112	SOU-MIX-HP	0/0	10/10	28/25	77/53	30/21	3/3	MØVSE
G6OKU	18,648	134	63	SOU-MIX-HP	0/0	0/0	21/15	91/30	24/16	2/2	
G3RLE	18,333	107	97	SOU-MIX-LP	8/7	19/18	36/33	40/35	1/1	4/3	
G4AYU	5,808	66	44	SOU-MIX-LP	0/0	0/0	10/10	33/19	21/12	3/3	
MØBLF	2,112	42	22	SOU-MIX-LP	0/0	0/0	0/0	43/22	0/0	0/0	
G3WVG	464	21	16	SOU-MIX-HP	2/1	3/2	3/2	7/6	5/4	2/1	
MØPGX	340	22	5	SOU-MIX-LP	0/0	0/0	0/0	22/5	0/0	0/0	
GØFCT	88	9	8	SOU-MIX-LP	0/0	2/1	5/5	0/0	1/1	1/1	
G4DOQ	63	9	7	SOU-MIX-HP	2/1	2/1	2/1	1/1	1/1	3/2	
G3Q	328,286	598	179	SOU-PH-HP	0/0	42/28	188/50	322/70	47/26	5/5	G3RXQ

MØHZV		30,576	164	78	SOU-PH-LP	0/0	1/1	50/33	88/25	24/16	4/3	
2EØIFC		14,280	98	60	SOU-PH-LP	0/0	5/5	14/13	64/28	13/11	3/3	
G4PDF		1,584	32	33	SOU-PH-LP	0/0	3/3	10/10	16/15	4/4	1/1	
G3P		971,256	1,130	283	SOU-CW-HP	50/32	112/50	430/69	420/74	101/41	22/17	G3WPH
G4U		424,260	779	180	SOU-CW-HP	0/0	103/34	246/55	392/59	48/29	3/3	G4SGX
M5D		134,027	427	101	SOU-CW-LP	0/0	60/16	28/16	320/52	32/15	2/2	
MØRYB		62,280	248	90	SOU-CW-LP	0/0	16/13	102/28	108/29	20/14	6/6	
G4BUE		40,755	243	55	SOU-CW-LP	0/0	8/8	48/14	175/22	9/7	5/4	
MØTJU		39,355	177	85	SOU-CW-LP	0/0	15/14	43/28	111/37	7/4	2/2	
G4DBW		3,844	62	62	SOU-CW-HP	1/1	1/1	23/23	24/24	11/11	2/2	
MØIHT		1,955	39	23	SOU-CW-LP	0/0	0/0	9/8	30/15	0/0	0/0	
G4R		1,207,136	1,602	238	MSHP	22/19	196/40	460/61	790/78	145/36	4/4	G4POF YO4RDW
G3YNN		26,950	150	77	MSHP	0/0	0/0	31/21	81/31	35/22	6/3	G3YNN MØCHW
France												
F5OHM		403,920	829	176	SO-MIX-HP	0/0	87/32	172/39	469/54	85/37	31/14	
F8DRE		207,162	490	153	SO-MIX-LP	14/11	29/17	59/23	312/57	58/27	27/18	
F8ATM		47,652	170	114	SO-MIX-LP	0/0	1/1	45/33	97/65	29/15	0/0	
F6HZZ		17,082	116	73	SO-MIX-LP	0/0	14/13	73/36	21/14	6/5	6/5	
F6EQZ		16,128	90	72	SO-MIX-LP	0/0	4/3	30/23	31/28	15/10	13/8	
F4HXJ		16,006	104	53	SO-MIX-LP	0/0	2/2	15/12	76/29	15/10	0/0	
F5MLJ		5,895	65	45	SO-MIX-LP	2/2	2/1	2/1	26/16	26/18	10/7	
F4FEP		5,074	62	43	SO-MIX-LP	0/0	0/0	1/1	51/32	6/6	4/4	
F/DF5RF		3,900	56	30	SO-MIX-QRP	0/0	0/0	1/1	49/22	8/7	0/0	
F6IHY		2,516	48	37	SO-MIX-LP	0/0	24/14	9/9	0/0	8/7	7/7	
F8BRL		1,242	32	23	SO-MIX-QRP	6/4	2/1	2/1	11/8	6/5	6/4	
F6GPT		810	27	18	SO-MIX-HP	5/4	2/1	2/1	7/4	3/2	8/6	
F5CT		72	12	6	SO-MIX-LP	2/1	2/1	2/1	2/1	2/1	2/1	
F5TGR		40	8	5	SO-MIX-LP	2/1	1/1	2/1	2/1	0/0	1/1	
F8BXI		24	6	4	SO-MIX-QRP	0/0	0/0	2/1	2/1	1/1	1/1	
F4EFI		18	6	3	SO-MIX-LP	0/0	0/0	2/1	2/1	2/1	0/0	
F5LIW		194,972	444	158	SO-PH-LP	6/6	27/22	28/26	294/57	72/34	21/13	
F6BLZ		117,279	301	157	SO-PH-HP	0/0	24/21	58/40	159/58	42/28	22/10	
F1GRH		35,754	162	101	SO-PH-LP	0/0	11/11	54/33	66/30	33/23	8/4	
F4HTZ		25,986	138	61	SO-PH-LP	0/0	0/0	17/13	114/39	15/8	2/1	
F1PYN		18,504	117	72	SO-PH-LP	0/0	5/5	47/27	43/22	30/18	0/0	
F6BQG/P		15,656	104	76	SO-PH-LP	1/1	4/4	15/15	49/28	28/19	9/9	

F4CKF		8,512	70	56	SO-PH-LP	0/0	7/7	11/11	25/18	20/13	10/7	
F4GLK		6,160	66	40	SO-PH-LP	0/0	0/0	10/10	52/25	5/5	0/0	
F1GYX		6,006	70	33	SO-PH-LP	0/0	0/0	0/0	59/24	14/9	0/0	
F1GKS		5,863	65	41	SO-PH-LP	0/0	2/2	18/16	29/13	13/7	4/3	
F4BPJ		4,851	59	49	SO-PH-LP	0/0	1/1	19/17	23/19	11/8	6/4	
F1EOY		4,794	60	47	SO-PH-LP	0/0	8/8	27/18	18/14	7/7	0/0	
F4GTD		4,753	49	49	SO-PH-LP	0/0	2/2	22/21	19/16	7/7	3/3	
F5JQQ		4,420	50	34	SO-PH-LP	0/0	0/0	2/2	41/24	7/7	1/1	
F4FLF		2,788	44	41	SO-PH-HP	0/0	3/3	25/23	16/15	0/0	0/0	
F4FNT		2,730	43	30	SO-PH-LP	0/0	0/0	4/4	31/19	10/7	0/0	
F5TLZ		2,044	37	28	SO-PH-LP	0/0	0/0	7/6	20/15	9/6	1/1	
F4EPP		1,188	30	27	SO-PH-QRP	0/0	0/0	10/9	14/12	6/6	0/0	
F1PNJ		960	24	15	SO-PH-HP	0/0	1/1	8/5	12/5	4/4	0/0	
F5BCB		156	12	13	SO-PH-LP	0/0	1/1	9/9	2/2	0/0	1/1	
F1FLY		56	4	4	SO-PH-HP	0/0	0/0	0/0	3/2	2/2	0/0	
F2FZ		49	7	7	SO-PH-LP	0/0	1/1	3/3	3/3	0/0	0/0	
F4GMW		3	-1	0	SO-PH-LP	0/0	0/0	0/0	0/0	0/0	0/0	
TM6X		740,138	1,156	203	SO-CW-HP	20/16	61/28	191/41	637/50	217/44	38/24	F5VHY
F5ICC		161,935	405	139	SO-CW-LP	5/5	44/26	163/41	152/42	42/20	6/5	
F2AR		107,781	325	111	SO-CW-LP	1/1	2/2	75/35	213/44	37/23	6/6	
F6HDI		98,523	289	123	SO-CW-HP	0/0	32/18	51/28	167/52	38/22	3/3	
F5VFU		77,625	253	115	SO-CW-LP	0/0	37/19	89/33	99/33	24/20	11/10	
F5OZC		37,620	256	57	SO-CW-LP	0/0	48/11	134/21	68/16	13/9	0/0	
F8EBY		37,310	173	82	SO-CW-LP	0/0	5/5	23/20	110/33	34/22	3/2	
F1IWH		31,494	160	87	SO-CW-LP	0/0	10/10	45/26	83/29	15/13	11/9	
F6AUS		20,152	113	88	SO-CW-LP	0/0	2/2	19/18	42/31	32/23	18/14	
F5SGI		11,970	102	45	SO-CW-LP	0/0	3/3	9/8	90/26	6/6	2/2	
F6HHR		6,440	68	46	SO-CW-QRP	0/0	13/12	33/22	18/7	5/5	0/0	
F6JOE		1,957	45	19	SO-CW-LP	0/0	0/0	0/0	45/19	0/0	0/0	
F2AI		1,260	28	30	SO-CW-LP	0/0	5/4	8/8	12/12	7/6	0/0	
F8FQJ		800	24	20	SO-CW-LP	0/0	0/0	6/6	9/7	8/6	1/1	
F4GFT		544	20	16	SO-CW-LP	0/0	0/0	6/6	12/8	2/2	0/0	
TM5T		819,910	1,290	221	SOU-MIX-HP	0/0	95/36	261/43	599/75	316/52	27/15	F5VKT
F8CRS		50,540	218	133	SOU-MIX-LP	17/14	26/22	77/36	50/33	38/22	10/6	
F5NBX		15,794	130	53	SOU-MIX-HP	2/1	1/1	36/17	73/20	2/2	17/12	
F4HPX		10,800	108	60	SOU-MIX-LP	0/0	0/0	30/20	68/32	8/6	2/2	
F1TRE		1,323	33	27	SOU-MIX-LP	2/2	7/6	4/3	4/3	12/8	5/5	

TM5J	680	26	17	SOU-MIX-HP	0/0	0/0	0/0	0/0	0/0	27/17	F5TMJ	
F5CQ	525	23	15	SOU-MIX-HP	2/1	2/1	2/1	2/1	2/1	13/10		
F6ETI	105	11	7	SOU-MIX-HP	2/1	1/1	2/1	2/1	3/2	2/1		
F6KLO	28	7	4	SOU-MIX-HP	0/0	2/1	2/1	1/1	2/1	0/0	F6ETI	
F6DZU	228,960	612	144	SOU-PH-HP	0/0	27/19	112/40	404/47	55/28	19/10		
TM3Z	16,500	110	55	SOU-PH-HP	0/0	0/0	16/6	78/37	9/8	7/4	F4DSK	
F/G4BJM	277,155	761	135	SOU-CW-HP	9/9	80/22	242/30	346/35	76/27	14/12	G4BJM	
TM7A	35,856	180	72	SOU-CW-LP	0/0	0/0	65/28	113/36	10/8	0/0	F5IYJ	
F8DFP	29,785	283	35	SOU-CW-HP	0/0	0/0	0/0	274/28	12/6	1/1		
F4HMX	7,009	75	43	SOU-CW-LP	0/0	4/4	44/25	28/14	0/0	0/0		
TM5A	1,320,980	1,544	257	MSHP	32/25	64/35	422/60	681/64	330/50	48/23	F5VHJ W6NV	
TM1A	451,444	884	161	MSHP	0/0	17/17	255/45	552/61	61/29	13/9	F5NQL IUØBMX	
F4KIR	354,004	671	188	MSHP	21/17	21/18	192/47	372/62	62/28	28/16	F4AVX F4FKR F5BNJ F5CYM F5NIK F6DYA	
Guernsey												
MU/JAØJHQ	885	23	15	SO-CW-LP	0/0	0/0	0/0	26/15	0/0	0/0		
Ireland												
EI3CTB/P	3,136	50	32	SO-PH-QRP	0/0	2/2	5/5	32/19	7/5	4/1		
EI5HZB	1,386	24	21	SO-PH-LP	0/0	0/0	7/6	19/15	0/0	0/0		
EI7KD	118,204	644	58	SO-CW-HP	0/0	0/0	96/19	551/30	15/9	0/0		
Jersey												
MJØRTI/P	62,944	380	56	SO-CW-LP	4/4	25/11	72/15	295/26	0/0	0/0		
Luxembourg												
LX4A	272,676	771	124	SO-MIX-HP	0/0	5/5	230/37	368/40	150/26	27/16		
LX/PA5X	3,339	65	21	SOU-PH-HP	0/0	53/10	3/3	11/8	0/0	0/0		
LX/PG5M	10,032	140	22	SOU-CW-HP	0/0	0/0	0/0	68/14	77/8	0/0		
Netherlands												
PA3DBS	45,674	223	82	SO-MIX-LP	0/0	23/10	82/28	118/30	8/7	7/7		
PA1BX	18,971	131	61	SO-MIX-HP	3/3	5/5	33/17	71/22	13/10	7/4		
PA3CXB	13,197	103	53	SO-MIX-LP	0/0	0/0	57/30	52/20	4/3	0/0		
PD7CJT	6,279	101	23	SO-MIX-LP	0/0	0/0	0/0	101/23	0/0	0/0		
PDØPIW	6,014	76	31	SO-MIX-LP	0/0	0/0	8/6	67/23	0/0	2/2		

PC9F		5,376	66	32	SO-MIX-LP	0/0	0/0	3/3	59/23	6/4	2/2	
PD9Z		105,184	476	76	SO-PH-LP	0/0	0/0	204/33	273/39	0/0	9/4	
PA1P		76,680	265	120	SO-PH-LP	6/6	18/17	57/36	141/40	35/15	9/6	
PA2TMS		50,820	284	70	SO-PH-LP	0/0	75/30	214/40	0/0	0/0	0/0	
PG1R		36,456	170	98	SO-PH-LP	0/0	22/18	42/32	80/32	23/13	4/3	
PAØAWH		16,170	113	70	SO-PH-QRP	0/0	24/18	35/24	41/20	14/8	0/0	
PD7DX		9,450	118	27	SO-PH-LP	0/0	0/0	0/0	122/27	0/0	0/0	
PA1TO		6,004	72	38	SO-PH-LP	0/0	0/0	18/17	46/17	2/1	6/3	
PA4DN		5,536	73	32	SO-PH-LP	0/0	0/0	0/0	54/21	15/8	4/3	
PA1EJO		3,024	46	28	SO-PH-HP	0/0	0/0	16/12	35/16	0/0	0/0	
PA3DUU		2,900	50	29	SO-PH-LP	0/0	0/0	50/29	0/0	0/0	0/0	
PDØWR		2,880	52	20	SO-PH-LP	0/0	0/0	3/3	51/17	0/0	0/0	
PDØWVB		2,740	53	20	SO-PH-LP	0/0	0/0	0/0	53/20	0/0	0/0	
PD9MK		2,625	49	21	SO-PH-LP	0/0	0/0	15/7	33/13	0/0	1/1	
PD4MK		1,640	34	20	SO-PH-QRP	0/0	0/0	4/4	24/12	0/0	6/4	
PD4L		35	5	5	SO-PH-LP	0/0	0/0	0/0	5/5	0/0	0/0	
PAØJNH		105,705	313	135	SO-CW-HP	5/5	23/20	69/33	161/46	50/24	8/7	
PA/DL1SBF		104,920	332	122	SO-CW-LP	1/1	43/27	109/38	156/37	25/15	5/4	DL1SBF
PA3I		58,377	257	87	SO-CW-LP	0/0	33/19	106/34	120/32	4/2	0/0	
PA3EEG		56,238	244	91	SO-CW-LP	0/0	18/15	84/34	130/31	15/11	0/0	
PA2W		49,797	203	99	SO-CW-LP	2/2	28/23	49/27	112/36	13/11	0/0	
PAØJED		12,100	98	55	SO-CW-LP	0/0	0/0	40/26	54/24	5/5	0/0	
PA5P		10,904	92	58	SO-CW-LP	0/0	18/16	35/20	40/18	2/2	2/2	
PAØRHA		8,547	93	37	SO-CW-LP	0/0	0/0	53/23	41/14	0/0	0/0	
PI4OTC		5,688	66	36	SO-CW-LP	0/0	0/0	17/13	49/20	4/3	0/0	
PAØWYS		4,512	59	32	SO-CW-QRP	0/0	0/0	18/14	46/18	0/0	0/0	
PAØJHS		2,669	49	17	SO-CW-LP	0/0	0/0	0/0	49/16	1/1	0/0	
PA1B		1,242	29	18	SO-CW-QRP	0/0	0/0	0/0	32/18	0/0	0/0	
PA2CHM		150	11	10	SO-CW-QRP	0/0	0/0	11/10	0/0	0/0	0/0	
PA4VHF		711,191	1,141	227	SOU-MIX-HP	80/31	152/34	312/51	452/58	103/37	49/16	
PB7Z		305,519	593	193	SOU-MIX-HP	21/16	58/28	82/41	365/70	59/26	18/12	
PA2LO		273,984	541	192	SOU-MIX-HP	17/12	46/28	93/41	304/73	72/28	14/10	
PA5FN		203,700	505	140	SOU-MIX-HP	6/5	81/32	207/45	176/40	36/12	6/6	
PA3EVY		180,278	409	158	SOU-MIX-LP	0/0	56/29	169/43	141/54	35/22	18/10	
PC4H		82,998	301	106	SOU-MIX-HP	0/0	20/16	128/35	129/38	22/15	2/2	
PAØMIR		75,520	264	128	SOU-MIX-HP	4/3	49/28	63/34	91/31	49/24	11/8	
PA9J		66,968	299	88	SOU-MIX-LP	0/0	18/14	122/35	149/32	4/3	7/4	

PDØME	47,502	257	58	SOU-MIX-LP	0/0	0/0	0/0	257/51	0/0	9/7	
PD9X	14,742	132	39	SOU-MIX-LP	0/0	0/0	32/10	99/27	0/0	2/2	
PD3OES	4,401	63	27	SOU-MIX-LP	0/0	0/0	2/2	62/23	0/0	2/2	
PD8B	3,068	44	26	SOU-MIX-LP	0/0	0/0	4/4	45/22	0/0	0/0	
PI4DX	1,263,872	1,355	256	SOU-PH-HP	17/16	30/26	359/66	863/81	61/43	46/24	PD2DX
PA7WW	80,464	288	107	SOU-PH-LP	0/0	44/10	52/28	152/42	36/20	12/7	
PE1EWR	71,520	252	120	SOU-PH-LP	9/9	30/24	54/32	126/36	29/14	6/5	
PD1RO	15,030	118	45	SOU-PH-LP	0/0	0/0	13/9	107/36	0/0	0/0	
PD2TW	13,671	147	31	SOU-PH-LP	0/0	0/0	0/0	148/31	0/0	0/0	
PC2F	13,370	99	70	SOU-PH-QRP	0/0	19/17	36/24	40/24	4/4	1/1	
PA3DDP	6,705	71	45	SOU-PH-HP	0/0	0/0	20/18	40/19	11/6	2/2	
PA1PAT	5,760	70	36	SOU-PH-LP	0/0	1/1	3/3	59/25	7/7	0/0	
PE1GWX	5,600	82	25	SOU-PH-HP	0/0	0/0	0/0	83/25	0/0	0/0	
PE4KH	3,660	56	30	SOU-PH-LP	0/0	0/0	9/8	48/22	0/0	0/0	
PA1VD	3,658	50	31	SOU-PH-LP	0/0	0/0	0/0	38/21	12/9	1/1	
PA1CA	2,310	35	22	SOU-PH-HP	0/0	0/0	0/0	30/18	5/4	0/0	
PD1AT	1,496	36	17	SOU-PH-LP	0/0	0/0	0/0	36/17	0/0	0/0	
PA5WT	344,634	729	142	SOU-CW-HP	23/19	0/0	165/29	512/67	30/21	6/6	
PC5Q	331,050	779	150	SOU-CW-LP	5/5	150/31	221/47	389/54	18/11	2/2	
PA4M	188,811	547	111	SOU-CW-LP	0/0	88/24	122/32	314/33	22/15	11/7	
PA5TT	76,258	292	91	SOU-CW-HP	0/0	8/8	70/29	199/43	18/11	0/0	
PC5D	56,840	224	98	SOU-CW-LP	0/0	9/9	79/34	113/35	26/17	3/3	
PA1LEX	32,925	181	75	SOU-CW-LP	0/0	0/0	91/35	89/31	11/9	0/0	
PA3GDD	30,498	161	78	SOU-CW-HP	0/0	0/0	47/27	99/40	11/7	4/4	
PE2K	30,442	167	62	SOU-CW-QRP	0/0	0/0	101/40	68/20	0/0	4/2	
PA2GRU	17,400	126	60	SOU-CW-LP	0/0	7/7	49/21	63/24	8/7	1/1	
PAØVLA	16,548	103	84	SOU-CW-LP	18/15	21/17	29/25	28/21	7/6	0/0	
PAØM	11,340	96	35	SOU-CW-LP	0/0	0/0	0/0	87/26	11/8	1/1	
PA2ALF	10,168	94	41	SOU-CW-HP	0/0	0/0	47/23	51/18	0/0	0/0	
PDØJMH	7,482	94	29	SOU-CW-LP	0/0	0/0	0/0	96/29	0/0	0/0	
PA3HGF	6,478	70	41	SOU-CW-LP	0/0	0/0	21/17	49/20	4/4	0/0	
PC2L	548,743	1,161	169	MSHP	0/0	256/37	424/45	440/50	53/25	19/12	PA7CW PC2L PC2Y PD2E PE1ONW
Northern Ireland											
MIØRRE	117,876	392	114	SO-MIX-LP	0/0	16/14	49/27	269/47	46/17	16/9	
MIØSAI	155,846	659	58	SO-PH-HP	0/0	0/0	0/0	675/58	0/0	0/0	

GI4VHO	51,409	205	101	SO-PH-LP	0/0	12/11	35/24	110/41	42/22	10/3	
MIØDWE	20,696	146	52	SO-PH-LP	0/0	0/0	2/2	124/39	15/8	8/3	
MIØHOZ	7,371	75	39	SO-PH-LP	0/0	0/0	0/0	70/34	6/5	0/0	
MI5I	540,930	899	190	SOU-CW-LP	35/24	104/32	104/39	626/71	34/19	6/5	GIØRQK
MI4I	140,166	384	117	SOU-CW-LP	13/11	15/13	123/28	201/49	34/14	2/2	GI4SJQ
GI5I	48,754	395	38	SOU-CW-HP	0/0	0/0	80/12	323/26	0/0	0/0	GI4DOH
Scotland											
GM4UYZ	369	17	9	SO-MIX-LP	0/0	0/0	0/0	18/9	0/0	0/0	
MM8Z	121,940	337	140	SO-PH-LP	0/0	26/21	73/42	195/50	38/19	10/8	GM7VSB
GMØAXY	27,200	148	80	SO-PH-LP	0/0	5/5	47/33	73/29	23/13	0/0	
GM9C	13,281	109	57	SO-PH-LP	0/0	1/1	34/26	75/30	0/0	0/0	MMØGHM
GMØBZS	2,929	47	29	SO-PH-LP	0/0	0/0	9/9	39/19	2/1	0/0	
MMØCPZ	1,225	35	35	SO-PH-LP	0/0	0/0	22/22	9/9	4/4	0/0	
MMØIWS	318	15	6	SO-PH-LP	0/0	0/0	0/0	16/6	0/0	0/0	
2MØBEC	3	-5	1	SO-PH-LP	0/0	0/0	0/0	1/1	0/0	0/0	
GM3A	138,775	543	91	SO-CW-LP	0/0	35/15	217/37	294/37	2/2	0/0	
MMØRYR	7,370	111	22	SO-CW-LP	0/0	0/0	0/0	128/22	0/0	0/0	
GMØEUL	420	18	15	SO-CW-LP	0/0	0/0	20/15	0/0	0/0	0/0	
GMØOQV	76,167	265	93	SOU-MIX-HP	0/0	13/12	55/32	193/43	10/5	3/1	
MM2T	20,609	187	37	SOU-CW-LP	0/0	0/0	0/0	190/37	0/0	0/0	GMØLIR
GM5M	25,380	143	60	MSHP	0/0	0/0	14/13	135/47	0/0	0/0	GMØEPO GM3JOB GM4ZNC MMØGNS
Wales											
MWØLGE	16,344	115	72	SO-PH-HP	0/0	18/16	53/35	46/21	0/0	0/0	
MW1MDH	4,250	59	34	SO-PH-LP	0/0	0/0	9/9	46/20	5/5	0/0	
GW4OKT	68,124	287	84	SO-CW-HP	0/0	0/0	66/28	197/38	31/18	0/0	
MW5R	75,055	343	85	SOU-MIX-LP	15/9	29/14	121/25	141/27	41/7	3/3	MWØEDX
GWØRHC	36,848	150	94	SOU-PH-HP	0/0	3/3	34/29	102/46	16/12	7/4	
2WØWOD	36,482	185	74	SOU-CW-LP	0/0	39/18	68/27	79/25	5/4	0/0	
Call	Score	QSOs	Mults	Category	160	80	40	20	15	10	Operator(s) and/or Host
Zone 28											
Albania											
ZA1F	15,921	141	61	SO-MIX-LP	0/0	0/0	24/16	61/21	59/21	3/3	

ZA1U		175	11	7	SO-PH-LP	0/0	0/0	0/0	14/7	0/0	0/0	
Austria												
4U1A		16,280	160	55	SO-MIX-LP	0/0	4/4	89/23	43/15	23/11	2/2	
OE1VMC		374	20	17	SO-MIX-LP	0/0	0/0	20/17	0/0	0/0	0/0	
OE1XTU		64	10	8	SO-MIX-LP	0/0	11/8	0/0	0/0	0/0	0/0	OE1VMC
OE3DMA		123,340	459	140	SO-PH-LP	15/15	122/31	131/28	123/33	42/22	30/11	
OE1HHB		82,104	294	132	SO-PH-LP	0/0	36/28	93/39	94/29	53/24	21/12	
OE6HLF		40,832	190	116	SO-PH-LP	13/13	28/22	60/35	66/27	21/16	3/3	
OE3TWA		15,695	101	73	SO-PH-LP	0/0	12/12	30/26	55/26	7/7	2/2	
OE3OSB		11,362	103	46	SO-PH-LP	0/0	0/0	13/12	93/34	0/0	0/0	
OE3MDB		3,780	50	45	SO-PH-LP	0/0	10/10	18/17	16/10	6/5	3/3	
OE3DEC		1,560	36	20	SO-PH-LP	0/0	0/0	0/0	32/16	4/4	0/0	
OE2RPL		900	23	20	SO-PH-LP	0/0	0/0	3/3	11/8	8/6	3/3	
OE3DXW		234	12	13	SO-PH-LP	0/0	6/6	0/0	0/0	5/5	2/2	
OE1CIW		154,677	441	141	SO-CW-LP	18/16	25/12	149/38	164/43	49/22	42/10	
OE9WGI		27,115	215	55	SO-CW-LP	0/0	2/2	159/29	57/24	0/0	0/0	
OE3DXA		84,985	291	115	SOU-MIX-HP	5/5	16/13	33/24	203/45	35/23	6/5	
OE7GJ		2,886	54	39	SOU-MIX-LP	2/2	7/5	22/17	9/5	9/6	6/4	
OE6XRG		7,125	73	57	SOU-PH-LP	0/0	19/17	26/22	26/16	2/2	0/0	OE6RAD
OE1XA		57,230	255	118	MSHP	0/0	96/28	41/31	88/39	29/13	7/7	OE1EPU OE1LZS OE1RHC OE1SKV
Bosnia-Herzegovina												
E73RB		18,080	154	80	SO-MIX-LP	0/0	55/29	55/31	47/20	0/0	0/0	
E74KM		2,553	41	37	SO-PH-LP	0/0	8/8	19/14	10/8	8/7	0/0	
E74X		63,112	404	92	SO-CW-HP	0/0	54/26	226/24	105/23	27/17	2/2	
E7ØA		42,228	243	108	SOU-MIX-LP	0/0	109/31	59/36	73/38	3/3	0/0	
E72MD		25,520	181	80	SOU-MIX-QRP	0/0	34/23	48/27	103/30	0/0	0/0	
E78T		62,031	403	87	SOU-PH-HP	0/0	0/0	218/33	157/30	29/20	4/4	
E77EA		221,229	691	141	SOU-CW-LP	2/2	146/32	291/43	237/43	22/15	7/6	
E73ESP		526,280	1,000	236	MSHP	18/17	176/40	248/53	390/60	168/45	34/21	E73QI E74O E74ZZ E75M E79AA
Bulgaria												
LZ1GE		216,316	583	164	SO-MIX-HP	0/0	55/25	139/40	199/50	147/37	56/12	
LZ5QZ		213,003	651	161	SO-MIX-QRP	0/0	66/28	138/39	324/48	92/24	43/22	

SV9RPE		10,600	98	53	SO-CW-HP	0/0	0/0	21/12	51/23	24/15	3/3	
SV9DJO		8,029	93	31	SOU-MIX-HP	1/1	1/1	6/5	80/16	8/8	0/0	
SV9GPV		5,282	192	19	SOU-PH-LP	0/0	0/0	0/0	0/0	0/0	203/19	
SZ9ERK		106,600	590	100	MSHP	0/0	2/2	8/8	395/48	177/30	17/12	SV9ADY SV9FBP SV9IOI SV9OAN
Croatia												
9A7DD		27,886	158	73	SO-MIX-LP	0/0	2/2	54/31	81/30	20/8	2/2	
9A1EA		1,955	33	23	SO-MIX-LP	0/0	0/0	8/6	22/11	4/4	2/2	
9A3DOS		1,825	33	25	SO-MIX-LP	0/0	0/0	10/8	22/13	4/4	0/0	
9A4OP		22,102	131	86	SO-PH-QRP	0/0	20/18	36/22	66/30	13/13	4/3	
9A2TX		20,345	139	65	SO-PH-LP	0/0	0/0	24/17	94/35	20/10	3/3	
9A6DQB		14,592	130	48	SO-PH-LP	0/0	0/0	15/13	115/35	0/0	0/0	
9A5HZ		9,345	111	35	SO-PH-LP	0/0	0/0	0/0	116/35	0/0	0/0	
9A2VX		2,375	43	25	SO-PH-QRP	0/0	0/0	0/0	46/25	0/0	0/0	
9A3CJW		204	13	12	SO-PH-LP	0/0	0/0	13/11	0/0	0/0	1/1	
9A/PD8DX		60	6	5	SO-PH-LP	0/0	0/0	0/0	7/5	0/0	0/0	
9A3B		743,706	1,190	237	SO-CW-LP	36/27	141/35	233/53	533/64	203/42	52/16	9A2VR
9A1CBM		87,492	252	138	SO-CW-LP	0/0	9/9	69/40	89/45	72/28	21/16	9A5ST
9A/DM5JBN		74,046	288	129	SO-CW-QRP	2/2	31/20	71/32	125/39	52/26	15/10	DM5JBN
9A3QB		51,084	242	99	SO-CW-LP	0/0	26/13	75/30	91/30	44/22	12/4	
9A3NC		16,786	104	77	SO-CW-LP	0/0	0/0	34/25	36/23	26/20	10/9	
9A4AA		13,688	120	59	SO-CW-QRP	0/0	9/5	58/29	48/20	4/4	1/1	
9A2SW		5,978	54	49	SO-CW-LP	0/0	0/0	17/15	21/19	19/15	0/0	
9A9J		1,428	26	21	SO-CW-LP	0/0	0/0	0/0	1/1	17/14	9/6	9A3BHN
9A/PA3BHF		126	8	9	SO-CW-QRP	0/0	0/0	0/0	3/3	6/6	0/0	
9A1AD		199,396	430	158	SOU-MIX-LP	0/0	0/0	98/45	252/65	49/28	36/20	
9A/S57KM		14,848	126	58	SOU-MIX-LP	0/0	5/4	74/28	35/15	3/3	11/8	
9A/SQ9IAU		5,080	71	40	SOU-MIX-LP	0/0	0/0	0/0	29/18	29/14	13/8	
9A6DJX		46,669	213	113	SOU-PH-LP	0/0	24/16	50/31	82/35	40/22	20/9	
9A5CAN		1,166	29	22	SOU-PH-LP	0/0	0/0	0/0	14/11	15/11	0/0	
9A7T		429,146	574	229	SOU-CW-LP	14/13	30/29	80/48	328/82	121/50	9/7	9A5MR
9A1CFR		201,970	381	190	SOU-CW-HP	0/0	28/27	70/44	227/75	44/29	17/15	9A2NO
9A8CV		117,810	388	153	SOU-CW-QRP	22/19	55/35	93/37	192/42	20/13	11/7	S53V
9A3JH		53,128	348	58	SOU-CW-LP	0/0	0/0	353/58	0/0	0/0	0/0	
9A3W		565,114	1,132	187	MSHP	0/0	25/22	181/48	875/81	58/29	7/7	9A2WB 9A3BDE 9A3TY 9A7JCY

Czech Republic												
OK1DPU	147,420	431	156	SO-MIX-LP	42/23	86/28	99/34	150/40	51/23	10/8		
OL3E	142,350	457	150	SO-MIX-LP	0/0	78/30	147/37	157/48	58/25	19/10		
OK1MKU	90,592	292	152	SO-MIX-LP	25/19	41/29	82/39	101/41	38/18	9/6		
OK2EQ	70,918	273	118	SO-MIX-HP	9/8	10/9	72/33	128/40	41/20	19/8		
OK1LV	63,826	294	97	SO-MIX-QRP	0/0	0/0	53/28	133/36	79/21	33/12		
OK1AXB	40,139	207	89	SO-MIX-LP	1/1	31/15	32/19	114/32	31/17	6/5		
OK2BUT	34,017	201	87	SO-MIX-LP	0/0	11/8	71/33	90/30	27/10	8/6		
OK6OK	31,200	196	75	SO-MIX-QRP	0/0	15/10	98/31	81/28	4/3	6/3		
OK1AGE	24,992	138	71	SO-MIX-LP	0/0	27/14	38/24	72/27	6/4	2/2		
OK1TA	12,934	89	58	SO-MIX-LP	0/0	7/5	7/5	51/32	12/11	13/5		
OK2PDK	10,810	107	94	SO-MIX-LP	0/0	30/22	34/26	28/25	14/12	9/9		
OK2SWD	9,540	96	45	SO-MIX-LP	0/0	15/11	2/2	79/26	8/6	0/0		
OK1BLU	7,228	75	52	SO-MIX-HP	0/0	15/10	17/13	32/17	1/1	14/11		
OK7MM	1,900	50	40	SO-MIX-LP	0/0	0/0	0/0	0/0	0/0	0/0		
OK6AB	160,080	418	174	SO-PH-LP	14/14	41/27	105/43	173/48	66/31	20/11		
OK2BZE	95,708	310	142	SO-PH-LP	0/0	46/29	57/37	160/49	39/19	13/8		
OK1PMA	57,856	244	113	SO-PH-LP	0/0	35/24	70/32	87/30	34/15	20/12		
OK1BJ	22,080	134	80	SO-PH-LP	5/5	11/11	26/19	69/29	7/4	18/12		
OK2AW	4,004	57	44	SO-PH-LP	0/0	12/11	29/23	18/9	1/1	0/0		
OK2BEN	36	6	6	SO-PH-LP	1/1	1/1	1/1	1/1	1/1	1/1		
OK7Y	669,552	1,072	222	SO-CW-LP	60/28	163/38	330/43	438/72	58/28	27/13	OK1FDY	
OK2MBP	436,974	882	201	SO-CW-LP	29/19	159/40	254/49	361/61	62/20	25/12		
OL8M	373,856	665	224	SO-CW-LP	21/21	99/39	102/51	335/67	82/32	31/14		
OK2QX	192,726	493	166	SO-CW-LP	12/12	67/24	142/38	200/51	71/32	13/9		
OK1EP	156,510	308	185	SO-CW-HP	38/24	64/36	97/48	77/46	26/21	14/10		
OK2ABU	144,144	378	154	SO-CW-HP	3/3	49/29	74/37	202/59	41/18	14/8		
OK2TBC	125,073	373	117	SO-CW-LP	0/0	0/0	52/29	239/51	67/28	26/9		
OK5SA	120,681	345	159	SO-CW-LP	26/22	74/31	86/38	109/43	37/17	20/8		
OK1HEH	115,926	386	139	SO-CW-LP	16/15	81/29	113/37	137/39	36/16	7/3		
OK1DVA	63,244	298	97	SO-CW-LP	1/1	19/13	95/34	147/29	31/15	7/5		
OK1CZ	49,068	202	94	SO-CW-LP	1/1	9/8	26/20	114/42	38/16	17/7		
OK1HCG	47,196	292	57	SO-CW-LP	0/0	0/0	0/0	295/57	0/0	0/0		
OK2BND	44,520	200	105	SO-CW-LP	12/12	21/18	59/27	85/30	16/12	9/6		
OK2WMC	29,625	193	75	SO-CW-LP	0/0	36/16	48/22	82/23	26/11	9/3		
OK1GSB	20,592	156	72	SO-CW-QRP	0/0	26/17	72/28	49/16	13/9	2/2		

OK1PFM		16,929	121	81	SO-CW-LP	1/1	26/22	25/20	37/17	22/14	10/7	
OK1JVS		12,996	116	57	SO-CW-LP	0/0	5/5	44/25	57/17	12/8	2/2	
OK1FCA		7,965	87	45	SO-CW-LP	0/0	0/0	27/20	54/18	7/6	1/1	
OK1FMX		6,956	90	47	SO-CW-HP	0/0	42/18	48/29	0/0	0/0	0/0	
OK1IE		5,109	49	39	SO-CW-HP	0/0	0/0	0/0	27/22	20/15	2/2	
OK2BJK		3,852	76	18	SO-CW-LP	0/0	0/0	0/0	80/18	0/0	0/0	
OK2SGW		3,248	50	28	SO-CW-LP	0/0	0/0	0/0	23/14	27/14	0/0	
OK5SWL		1,343	31	17	SO-CW-LP	0/0	0/0	0/0	30/16	1/1	0/0	OK2SWD
OK2KFK		110	10	11	SO-CW-HP	1/1	2/2	2/2	1/1	4/4	1/1	
OK2QA		650,132	1,024	214	SOU-MIX-HP	34/24	82/31	282/50	568/78	43/23	29/8	
OK1AY		29,250	180	117	SOU-MIX-LP	24/23	51/33	74/40	32/21	0/0	0/0	
OK1TD		15,594	109	46	SOU-MIX-LP	2/1	4/3	6/4	70/22	22/13	6/3	
OK2BXU		24,024	222	52	SOU-PH-HP	0/0	0/0	227/52	0/0	0/0	0/0	
OL5Y		1,298,885	1,267	295	SOU-CW-LP	22/22	89/37	220/70	752/92	155/57	43/17	
OK2FD		495,194	818	217	SOU-CW-QRP	19/17	67/37	242/53	386/68	82/30	31/12	
OK1RR		332,572	707	188	SOU-CW-HP	0/0	198/35	232/59	224/64	49/24	7/6	
OK1VK		286,110	562	187	SOU-CW-LP	22/17	112/36	172/50	208/61	38/17	15/6	
OK1SI		81,915	297	129	SOU-CW-LP	25/20	31/19	73/32	132/37	34/16	7/5	
OK2FB		50,668	194	106	SOU-CW-HP	0/0	0/0	46/28	98/50	46/25	10/3	
OK7O		1,419,608	1,940	211	MSHP	10/8	105/28	346/52	1,331/74	169/39	11/10	OK1DOL OK1DWQ OK1GTH
OK5T		603,872	1,010	226	MSHP	37/25	186/37	152/43	510/71	109/34	34/16	OK1DMO OK1JMJ OK1VSL
OL1B		56,115	197	129	MSHP	18/17	31/20	65/40	25/18	32/24	26/10	
Federal Republic of Germany												
DJ5MW		790,314	1,360	217	SO-MIX-LP	0/0	172/35	366/53	622/80	181/36	38/13	
DK9IP		465,576	796	228	SO-MIX-LP	31/25	64/26	187/47	314/55	156/50	61/25	
DR4A		437,760	922	180	SO-MIX-LP	0/0	109/34	123/36	573/73	94/24	38/13	JH5GHM
DP6M		411,432	868	186	SO-MIX-LP	31/21	95/34	234/45	418/54	81/22	23/10	
DLØSOP		396,229	833	193	SO-MIX-LP	55/28	123/31	225/49	389/63	46/18	7/4	DL6KWN
DL1NKS		386,535	761	219	SO-MIX-HP	45/26	74/34	201/48	305/63	106/31	40/17	
DL2CC		383,656	814	182	SO-MIX-LP	23/16	72/27	210/36	409/59	83/32	25/12	
DL6DQW		286,065	573	195	SO-MIX-HP	27/18	45/25	99/37	292/63	94/37	27/15	
DK3WM		242,970	535	178	SO-MIX-LP	10/9	63/31	157/51	254/63	49/21	5/3	
DL1ARJ		153,440	473	160	SO-MIX-LP	22/18	147/38	122/36	133/40	55/25	4/3	
DL7USW/P		133,052	421	148	SO-MIX-LP	24/17	43/21	77/36	195/43	64/19	23/12	

DL2SWR		124,640	375	160	SO-MIX-LP	39/20	30/23	64/34	175/48	46/23	30/12	
DLØABT		97,092	395	124	SO-MIX-LP	13/10	106/29	138/39	117/32	11/8	15/6	
DK5RL		85,332	311	156	SO-MIX-HP	23/18	50/26	80/38	115/44	34/20	12/10	
DL7UXG		78,545	303	115	SO-MIX-LP	3/2	3/2	87/36	136/44	54/21	22/10	
DH1PAL		72,588	246	138	SO-MIX-LP	0/0	23/19	40/30	112/46	52/28	22/15	
DL4JWU		72,498	316	129	SO-MIX-LP	8/6	66/27	108/41	122/42	14/8	8/5	
DL4SZB		71,788	280	131	SO-MIX-LP	18/14	40/22	51/31	152/45	27/16	4/3	
DF5BX		64,055	287	115	SO-MIX-HP	6/5	54/28	91/31	109/34	31/15	2/2	
DL1ZAX		63,860	272	103	SO-MIX-LP	0/0	21/15	43/25	181/47	31/15	1/1	
DJ3RA		57,600	216	128	SO-MIX-LP	19/16	21/19	47/33	81/36	29/16	20/8	
DL6OCH		55,896	274	102	SO-MIX-QRP	2/1	41/21	75/32	130/30	23/13	8/5	
DL2F		53,667	349	67	SO-MIX-LP	0/0	40/8	93/14	212/26	27/15	9/4	DL2FDL
DL4DRW		52,865	211	109	SO-MIX-LP	4/4	24/17	55/31	100/37	17/11	13/9	
DL2AWA		44,400	196	100	SO-MIX-LP	5/4	36/22	41/29	104/35	8/5	7/5	
DG1HXJ		35,245	183	95	SO-MIX-LP	0/0	26/20	34/23	81/31	38/16	13/5	
DK3PM		33,936	196	101	SO-MIX-LP	9/8	39/22	70/34	64/27	15/10	0/0	
DL1CC		30,090	157	102	SO-MIX-LP	22/17	32/20	42/25	44/25	18/12	4/3	
DR1X		20,332	129	52	SO-MIX-HP	0/0	0/0	0/0	131/52	0/0	0/0	DF8XC
DL4FDM		20,174	124	77	SO-MIX-LP	3/2	10/9	75/37	27/22	7/5	3/2	
DD5MA		19,698	114	67	SO-MIX-LP	4/2	4/3	35/22	60/25	16/13	2/2	
DK6QW		18,150	147	66	SO-MIX-LP	0/0	9/6	28/17	89/29	22/12	4/2	
DK8EY		17,112	132	69	SO-MIX-LP	0/0	3/3	38/21	81/31	12/12	2/2	
DL2ASB		16,500	104	75	SO-MIX-LP	5/4	8/7	41/28	43/26	8/7	3/3	
DL4SUN		16,330	110	71	SO-MIX-LP	1/1	21/16	18/17	63/28	5/5	4/4	
DL1VJL		13,824	80	54	SO-MIX-LP	0/0	0/0	23/19	53/29	3/3	3/3	
DL9ZWG		12,935	111	65	SO-MIX-LP	0/0	13/12	33/24	62/24	5/4	1/1	
DL3YFF		12,540	128	55	SO-MIX-LP	0/0	0/0	37/21	78/25	15/8	1/1	
DL9FCR		12,360	105	40	SO-MIX-HP	0/0	0/0	0/0	95/34	14/6	0/0	
DL2BIS		10,672	116	58	SO-MIX-QRP	0/0	9/7	35/21	57/20	14/6	4/4	
DJ2FR		9,828	92	54	SO-MIX-LP	0/0	12/8	33/19	39/20	6/4	3/3	
DK8NI		9,317	87	77	SO-MIX-LP	13/11	18/17	38/26	13/11	10/8	4/4	
DJ9BM		8,721	99	57	SO-MIX-LP	0/0	18/16	18/15	56/19	3/3	5/4	
DJ3CS		7,630	85	70	SO-MIX-LP	5/4	10/7	32/24	22/21	12/10	5/4	
DL2UH		7,446	98	73	SO-MIX-HP	10/7	19/12	32/22	18/17	15/12	6/3	
DL5AXX		7,200	102	18	SO-MIX-HP	0/0	0/0	0/0	101/16	0/0	2/2	
DH5MM		6,477	65	51	SO-MIX-QRP	0/0	0/0	26/23	31/19	8/8	1/1	
DM2TS		6,440	77	56	SO-MIX-LP	6/5	10/9	27/18	7/5	14/10	16/9	

DL8BV		6,150	67	30	SO-MIX-LP	0/0	0/0	0/0	70/30	0/0	0/0	
DL1JHW		4,941	75	27	SO-MIX-LP	0/0	2/1	8/6	62/18	2/1	1/1	
DL7VMM		4,752	62	33	SO-MIX-LP	1/1	13/4	28/19	20/8	0/0	1/1	
DL7MPA		4,350	53	50	SO-MIX-HP	0/0	9/9	20/19	23/20	2/2	0/0	
DL2MIH		4,292	62	37	SO-MIX-LP	0/0	0/0	0/0	35/20	18/11	10/6	
DL7UDA		4,176	63	48	SO-MIX-HP	3/2	7/6	21/18	15/10	9/7	8/5	
DK4RL		3,910	59	46	SO-MIX-HP	3/2	8/7	16/12	16/12	10/8	7/5	
DF5AN		3,888	57	48	SO-MIX-LP	0/0	14/13	36/27	8/8	0/0	0/0	
DL5MAM		3,792	59	48	SO-MIX-LP	2/1	5/3	15/14	15/13	15/13	7/4	
DL3APK		2,232	44	36	SO-MIX-LP	2/1	4/3	18/16	13/11	5/4	2/1	
DL1JPF		2,124	30	18	SO-MIX-LP	0/0	1/1	10/7	18/8	2/2	0/0	
DK3WJ		1,953	43	31	SO-MIX-LP	5/4	6/5	6/5	6/5	13/7	8/5	
DL9GWA		1,406	38	37	SO-MIX-LP	0/0	10/8	14/14	17/14	1/1	0/0	
DL4LT		1,400	42	25	SO-MIX-LP	0/0	1/1	22/13	15/7	4/4	0/0	
DK4EF		1,026	32	27	SO-MIX-LP	0/0	2/1	15/13	2/2	5/4	8/7	
DL8WX		1,024	28	16	SO-MIX-LP	2/1	2/1	2/1	18/11	2/1	2/1	
DK1KC		1,008	30	24	SO-MIX-LP	2/1	2/1	20/18	3/2	2/1	1/1	
DH6DAO		858	31	26	SO-MIX-HP	2/1	9/8	6/5	4/3	10/8	2/1	
DL6ATI		816	26	24	SO-MIX-LP	2/1	3/2	15/13	4/4	4/3	2/1	
DO1DXX		702	26	27	SO-MIX-LP	0/0	8/8	0/0	0/0	13/13	6/6	
DG1KDD		693	21	21	SO-MIX-LP	0/0	2/2	11/11	7/6	2/2	0/0	
DHØJAE		644	26	23	SO-MIX-QRP	2/1	3/2	13/12	6/6	1/1	1/1	
DL6JZ		578	20	17	SO-MIX-LP	0/0	0/0	0/0	8/6	7/7	5/4	
DL2BUM		540	24	18	SO-MIX-LP	2/1	2/1	5/4	8/7	3/2	4/3	
DKØHR		352	22	16	SO-MIX-LP	2/1	2/1	11/10	2/1	3/2	2/1	
DJ5NN		234	14	13	SO-MIX-LP	0/0	4/3	3/3	1/1	4/4	2/2	
DL2ZA		180	16	10	SO-MIX-LP	2/1	2/1	2/1	6/5	2/1	2/1	
DM2DXG		165	15	11	SO-MIX-LP	2/1	3/2	6/5	2/1	2/1	2/1	
DLØHBS		160	14	10	SO-MIX-HP	3/2	3/2	3/3	2/1	2/1	2/1	DM2DXG
DL2FCA		140	14	10	SO-MIX-LP	1/1	2/1	3/3	3/2	3/2	2/1	
DL6UD		91	13	7	SO-MIX-LP	2/1	2/1	3/2	2/1	2/1	2/1	
DLØU		88	13	8	SO-MIX-LP	3/2	2/1	2/1	3/2	2/1	2/1	DF7RT
DL5KVV		70	10	7	SO-MIX-LP	2/1	2/1	2/1	1/1	2/2	1/1	
DG5TF		63	7	7	SO-MIX-HP	0/0	0/0	4/4	0/0	1/1	2/2	
DL9HCO		48	6	8	SO-MIX-HP	1/1	0/0	6/6	1/1	0/0	0/0	
DL2ASG		24	6	4	SO-MIX-HP	0/0	1/1	1/1	0/0	2/1	2/1	
DL2AOM		15	5	3	SO-MIX-LP	2/1	2/1	1/1	0/0	0/0	0/0	

DJ7JI		12	4	3	SO-MIX-LP	0/0	2/1	1/1	0/0	0/0	1/1	
DL1CBQ		120,680	322	140	SO-PH-HP	12/11	23/17	48/25	190/52	57/28	8/7	
DK4VW		100,100	301	140	SO-PH-HP	0/0	21/20	44/31	164/53	67/29	10/7	
DL9GWD		82,661	281	131	SO-PH-LP	0/0	19/19	58/38	147/43	51/22	15/9	
DJ7WG		71,128	245	136	SO-PH-HP	3/3	18/18	73/40	120/52	27/16	7/7	
DL4VAI		67,466	247	122	SO-PH-LP	6/6	26/19	49/35	125/39	24/13	18/10	
DG5MLA		45,582	198	107	SO-PH-LP	11/11	22/18	40/23	99/37	26/12	7/6	
DJ4DN		42,790	193	110	SO-PH-LP	0/0	25/23	41/32	106/36	20/14	5/5	
DL5AWE		38,220	194	105	SO-PH-LP	3/3	18/18	54/32	93/31	28/16	6/5	
DF3TE		36,594	171	114	SO-PH-LP	0/0	25/21	35/29	72/35	31/22	8/7	
DB1VQ		35,192	170	83	SO-PH-LP	0/0	0/0	0/0	101/44	56/29	14/10	
DH7OM		29,458	152	103	SO-PH-LP	0/0	20/20	32/29	83/37	13/12	5/5	
DH9DX/P		24,674	160	73	SO-PH-LP	0/0	2/2	30/24	94/29	37/18	0/0	
DL9HB		22,374	119	66	SO-PH-LP	1/1	12/9	31/17	68/33	7/6	0/0	
DL6MDG		22,304	148	82	SO-PH-QRP	3/3	16/12	23/20	71/26	28/16	8/5	
DL1HBD		22,200	146	74	SO-PH-HP	0/0	4/4	47/29	84/32	14/9	0/0	
DD5AJ		21,750	144	75	SO-PH-LP	0/0	6/6	20/16	88/30	26/17	6/6	
DL3DRN		20,461	135	79	SO-PH-LP	1/1	4/4	22/21	74/31	30/16	6/6	
DL1EHG		19,345	131	73	SO-PH-LP	0/0	0/0	58/33	63/27	12/10	3/3	
DL6NAL		17,854	112	79	SO-PH-LP	9/9	18/17	8/8	50/29	17/10	13/6	
DLØLA		17,160	110	78	SO-PH-LP	9/9	17/17	8/8	50/28	17/10	13/6	
DL9KI		14,457	111	79	SO-PH-LP	0/0	21/17	31/24	35/21	16/11	8/6	
DH5WB		13,975	115	65	SO-PH-LP	1/1	1/1	27/21	63/23	14/11	12/8	
DD1OP		13,440	98	64	SO-PH-LP	0/0	4/4	27/26	54/23	13/8	3/3	
DL7FE		13,333	107	67	SO-PH-LP	0/0	9/9	27/21	54/25	17/10	2/2	
DO2DTH		12,921	99	59	SO-PH-LP	4/4	18/17	0/0	0/0	85/38	0/0	
DK6AH		11,880	93	72	SO-PH-HP	0/0	24/20	30/24	40/28	0/0	0/0	
DL1KRT		11,122	100	67	SO-PH-LP	6/6	29/22	19/16	35/15	11/8	0/0	
DL5LB		9,966	120	33	SO-PH-LP	0/0	0/0	0/0	121/33	0/0	0/0	
DL8SDC		8,064	80	56	SO-PH-LP	0/0	2/2	42/29	23/12	15/13	0/0	
DL2RZG		7,598	67	58	SO-PH-LP	5/5	9/9	8/7	37/29	5/5	3/3	
DJ6DO		7,525	83	43	SO-PH-LP	0/0	0/0	9/7	63/24	9/9	3/3	
DL7FB		7,502	108	31	SO-PH-LP	0/0	0/0	0/0	109/31	0/0	0/0	
DC8SP		7,425	79	55	SO-PH-LP	2/2	6/6	23/18	37/19	15/9	1/1	
DK8HE		5,400	68	45	SO-PH-LP	0/0	2/2	21/18	37/18	9/5	2/2	
DL1JHI		5,280	62	55	SO-PH-QRP	1/1	8/8	24/23	25/17	6/6	0/0	
DO1CS		5,060	63	44	SO-PH-LP	3/3	15/15	0/0	0/0	36/19	10/7	

DL9LF	4,935	59	47	SO-PH-LP	0/0	0/0	18/18	31/21	10/8	0/0
DO3GE	4,606	60	47	SO-PH-LP	6/6	27/24	0/0	0/0	25/13	4/4
DC1JAG	4,370	63	46	SO-PH-LP	0/0	20/17	15/13	28/16	0/0	0/0
DL5BL	4,200	60	50	SO-PH-LP	0/0	9/9	31/27	24/12	1/1	1/1
DG1VS	4,095	57	39	SO-PH-QRP	0/0	0/0	13/12	30/14	13/9	6/4
DL9CP	3,960	54	33	SO-PH-HP	0/0	0/0	6/5	33/19	15/9	0/0
DL9FB	3,458	49	38	SO-PH-LP	0/0	3/3	23/18	25/16	0/0	1/1
DO8YX	3,168	46	36	SO-PH-LP	2/2	11/11	0/0	0/0	30/19	4/4
DN3LW	2,720	42	34	SO-PH-LP	0/0	0/0	9/9	40/23	2/2	0/0
DL1STV	2,024	44	22	SO-PH-LP	0/0	0/0	0/0	47/22	0/0	0/0
DL7CU	1,805	43	19	SO-PH-LP	0/0	0/0	0/0	45/19	0/0	0/0
DL8MV	1,740	30	29	SO-PH-LP	0/0	0/0	9/9	18/15	5/5	0/0
DO3VS	1,596	35	28	SO-PH-LP	0/0	8/7	0/0	0/0	21/14	9/7
DG9KB	1,378	33	26	SO-PH-LP	0/0	0/0	14/13	20/13	0/0	0/0
DJ2YE	1,260	33	28	SO-PH-HP	0/0	0/0	33/28	0/0	0/0	0/0
DO9SM	1,107	29	27	SO-PH-LP	6/6	22/16	0/0	0/0	5/5	0/0
DK6PB	1,056	28	22	SO-PH-LP	0/0	0/0	29/22	0/0	0/0	0/0
DH2PL	1,020	30	30	SO-PH-LP	0/0	0/0	15/15	7/7	7/7	1/1
DO1UKR	780	25	20	SO-PH-LP	2/2	9/9	0/0	0/0	16/9	0/0
DO5CTH	651	25	21	SO-PH-LP	0/0	13/13	0/0	0/0	8/6	4/2
DO1TOM	648	26	18	SO-PH-LP	0/0	27/18	0/0	0/0	0/0	0/0
DO7OMB	522	21	18	SO-PH-LP	0/0	21/18	0/0	0/0	0/0	0/0
DO2HEY	494	18	13	SO-PH-LP	0/0	3/3	0/0	0/0	13/7	3/3
DK2AJ	420	18	14	SO-PH-LP	1/1	4/4	12/8	0/0	1/1	0/0
DK6HS	264	12	12	SO-PH-LP	0/0	6/6	0/0	7/6	0/0	0/0
DL7LZ	260	12	10	SO-PH-LP	0/0	1/1	0/0	9/7	2/2	0/0
DG1VR	210	14	15	SO-PH-LP	0/0	4/4	10/10	1/1	0/0	0/0
DO1KUB	168	12	12	SO-PH-LP	0/0	5/5	0/0	0/0	4/4	3/3
DL6DJ	100	10	10	SO-PH-LP	0/0	0/0	11/10	0/0	0/0	0/0
DG3DJ	99	11	9	SO-PH-LP	0/0	0/0	0/0	6/6	0/0	5/3
DL1ANJ	64	8	8	SO-PH-LP	1/1	2/2	2/2	1/1	1/1	1/1
DO1AKU	4	2	2	SO-PH-LP	1/1	0/0	0/0	0/0	0/0	1/1
DL3KUD	507,600	812	235	SO-CW-LP	60/30	118/36	226/55	270/59	115/38	31/17
DL9ZP	335,434	722	193	SO-CW-LP	31/23	107/34	146/42	343/60	81/22	17/12
DM3ZM	287,428	644	181	SO-CW-LP	19/16	94/32	174/49	294/54	51/22	19/8
DL5KUD	205,528	423	184	SO-CW-LP	12/12	30/27	115/56	205/57	53/24	12/8
DL3RHN	178,432	464	164	SO-CW-LP	23/18	61/32	119/40	190/46	47/18	26/10

DD7NT		161,120	388	152	SO-CW-HP	14/14	32/20	75/34	239/63	24/14	13/7	
DM4EE		137,776	380	158	SO-CW-LP	29/22	80/32	62/36	153/38	55/27	5/3	
DJ1YF		135,722	391	158	SO-CW-LP	18/17	64/30	94/33	156/49	59/25	5/4	
DL4ZA		134,845	395	149	SO-CW-LP	20/17	58/26	114/34	151/43	48/23	8/6	
DJ2IA		125,766	324	153	SO-CW-HP	7/7	21/18	73/37	135/48	67/29	27/14	
DL6ZB		115,068	308	129	SO-CW-LP	1/1	10/10	28/27	224/61	34/23	11/7	
DJ3XA		105,045	311	149	SO-CW-LP	20/20	46/28	79/37	129/39	31/18	8/7	
DM6WAN		97,920	310	120	SO-CW-LP	10/10	34/20	114/38	137/37	26/15	0/0	
DM3CW		94,720	286	128	SO-CW-LP	0/0	25/22	34/24	162/53	33/18	33/11	
DKØMN		89,175	321	123	SO-CW-LP	20/13	67/25	92/34	116/37	27/11	3/3	DK3YD
DL5CD		87,576	318	123	SO-CW-LP	7/7	28/17	83/35	156/37	41/21	12/6	
DL8TG		79,704	308	123	SO-CW-QRP	8/8	48/24	107/34	102/31	29/15	18/11	
DF6RI		72,423	243	117	SO-CW-LP	0/0	42/25	56/24	96/36	46/26	7/6	
DL1YCF		62,208	250	128	SO-CW-LP	12/12	53/30	52/29	107/36	33/21	0/0	
DL3KWF		58,608	292	99	SO-CW-LP	0/0	74/28	116/38	98/27	7/6	0/0	
DK7TY		57,116	238	109	SO-CW-LP	0/0	41/23	92/38	87/29	19/13	8/6	
DK5ZX		56,472	277	104	SO-CW-LP	20/18	68/25	61/23	123/26	16/12	0/0	
DL5JS		54,540	255	108	SO-CW-LP	0/0	29/17	82/35	106/33	30/17	10/6	
DL9LM		54,229	293	61	SO-CW-HP	0/0	0/0	0/0	300/61	0/0	0/0	
DGØKS		54,126	260	93	SO-CW-HP	0/0	0/0	72/32	154/40	25/14	10/7	
DL1RTS		52,300	263	100	SO-CW-LP	4/4	39/18	90/34	109/27	26/15	4/2	
DL4XU		50,784	255	96	SO-CW-LP	0/0	27/18	45/26	144/32	33/15	9/5	
DL3MVC		47,488	238	106	SO-CW-QRP	10/9	52/21	88/33	74/27	15/12	4/4	
DJ8VH		45,576	262	54	SO-CW-HP	0/0	0/0	0/0	252/44	12/8	2/2	
DK7GH		43,407	179	117	SO-CW-LP	9/9	17/17	37/32	92/37	27/22	0/0	
DL9GMC		40,716	234	87	SO-CW-LP	0/0	9/8	61/30	118/31	39/12	11/6	
DL7GEM		37,130	197	94	SO-CW-LP	4/4	11/11	87/35	67/25	23/14	6/5	
DL3KWR		27,813	173	73	SO-CW-LP	1/1	76/32	70/27	28/13	0/0	0/0	
DM3AZ		26,810	143	70	SO-CW-LP	0/0	0/0	95/44	46/22	6/4	0/0	
DL2AWW		25,647	135	103	SO-CW-LP	14/14	18/17	36/29	56/29	12/11	3/3	
DL1HTB		25,230	150	87	SO-CW-QRP	0/0	12/11	53/30	62/28	24/17	1/1	
DL3RDM		23,433	157	73	SO-CW-LP	0/0	7/6	74/29	70/28	10/8	2/2	
DL2ZBO		22,500	200	50	SO-CW-HP	0/0	0/0	87/23	112/18	9/9	0/0	
DL1FMG		21,638	157	62	SO-CW-LP	0/0	2/2	24/19	128/34	7/6	1/1	
DL2TG		21,249	110	94	SO-CW-LP	0/0	0/0	0/0	0/0	0/0	0/0	
DL3FBB		21,168	140	72	SO-CW-LP	1/1	2/2	20/18	78/29	40/18	4/4	
DL5SDN		20,435	127	67	SO-CW-LP	0/0	0/0	27/23	99/42	1/1	1/1	

DG7EE		19,118	122	79	SO-CW-LP	14/13	1/1	33/24	49/25	22/12	4/4	
DH6BH		15,356	117	44	SO-CW-HP	0/0	0/0	0/0	122/44	0/0	0/0	
DM2RN		14,219	111	59	SO-CW-LP	1/1	20/13	30/19	49/20	10/5	1/1	
DH2URF		12,772	110	62	SO-CW-LP	0/0	0/0	55/32	53/27	0/0	3/3	
DL4JU		12,626	98	59	SO-CW-LP	0/0	0/0	39/25	49/25	11/9	0/0	
DJØYI		11,560	116	34	SO-CW-LP	0/0	0/0	0/0	126/34	0/0	0/0	
DLØRD		11,450	91	50	SO-CW-LP	0/0	0/0	4/3	66/22	32/19	9/6	DL3ECQ
DL1EJD		10,965	105	51	SO-CW-LP	0/0	0/0	12/10	49/19	33/15	11/7	
DL2BQV		10,780	99	44	SO-CW-LP	0/0	0/0	0/0	71/29	23/11	5/4	
DK5KF		10,643	123	29	SO-CW-LP	0/0	0/0	0/0	125/29	0/0	0/0	
DJ3EI		10,388	90	53	SO-CW-QRP	0/0	1/1	25/23	57/20	6/6	3/3	
DJ6TK		9,020	90	55	SO-CW-LP	0/0	4/4	22/19	47/19	10/8	7/5	
DK3AX		8,096	84	46	SO-CW-HP	0/0	0/0	0/0	51/24	34/16	7/6	
DL1HSI		6,380	72	58	SO-CW-LP	7/7	21/16	20/14	11/9	11/7	6/5	
DH8MS		6,174	70	49	SO-CW-LP	0/0	14/10	9/6	26/18	19/12	3/3	
DQØX		3,776	60	32	SO-CW-QRP	0/0	9/8	14/7	31/10	8/7	0/0	DF7IS
DK7OG		2,835	53	35	SO-CW-QRP	0/0	0/0	38/22	7/5	5/5	4/3	
DL8UKW		1,300	38	25	SO-CW-LP	0/0	0/0	39/25	0/0	0/0	0/0	
DF7DR		989	31	23	SO-CW-LP	0/0	0/0	24/17	7/6	0/0	0/0	
DL3FF		714	24	21	SO-CW-HP	19/16	1/1	1/1	1/1	1/1	1/1	
DL5QS		198	14	11	SO-CW-LP	0/0	9/6	5/5	0/0	0/0	0/0	
DD2EG		45	5	5	SO-CW-LP	1/1	2/2	1/1	1/1	0/0	0/0	
DL6UNF		25	5	5	SO-CW-HP	0/0	1/1	1/1	1/1	1/1	1/1	
DA3T		15	3	3	SO-CW-LP	0/0	0/0	3/3	0/0	0/0	0/0	
DL/NC6B		12	2	2	SO-CW-QRP	0/0	0/0	0/0	2/2	0/0	0/0	NC6B
DG3SBM		6	3	2	SO-CW-QRP	0/0	0/0	3/2	0/0	0/0	0/0	
DO9IN		4	2	2	SO-CW-QRP	0/0	0/0	0/0	0/0	0/0	2/2	
DK8ZB		1,712,124	1,567	332	SOU-MIX-HP	35/26	58/47	318/81	1,021/98	133/59	26/21	
DJ7UC		1,294,720	1,372	272	SOU-MIX-HP	55/28	67/36	133/44	851/86	230/59	55/19	
DJ1AA		505,776	792	246	SOU-MIX-HP	42/24	128/41	172/62	330/69	97/34	29/16	
DJ1OJ		167,923	441	149	SOU-MIX-LP	0/0	14/12	97/43	240/59	60/25	34/10	
DK2AT		155,694	431	154	SOU-MIX-HP	2/1	35/24	117/44	209/53	58/25	18/7	
DL3GA		99,015	359	123	SOU-MIX-HP	2/1	17/13	68/29	215/49	47/23	11/8	
DL5ST		97,500	333	156	SOU-MIX-HP	27/19	53/28	63/36	86/35	73/26	32/12	
DL3HWD		93,654	288	129	SOU-MIX-LP	12/11	25/20	75/34	150/46	25/15	5/3	
DK1AX		90,846	385	126	SOU-MIX-HP	2/1	30/21	132/38	154/38	64/24	9/4	
DL7UPN		88,308	259	132	SOU-MIX-HP	17/13	24/15	49/26	135/51	29/17	18/10	

DL1EAL		63,720	250	118	SOU-MIX-LP	1/1	20/14	84/38	87/36	44/20	14/9	
DL9JON		54,901	229	77	SOU-MIX-HP	2/1	2/1	17/11	159/49	41/11	9/4	
DL2LRT		54,014	202	113	SOU-MIX-LP	2/1	27/14	59/38	86/38	18/14	13/8	
DJ9MH		52,535	229	133	SOU-MIX-LP	17/15	32/22	74/33	50/29	33/21	28/13	
DK2ZO		49,028	198	103	SOU-MIX-LP	2/1	26/20	90/44	75/33	4/3	3/2	
DG7RO		46,230	209	138	SOU-MIX-LP	2/1	37/30	48/30	67/39	42/28	14/10	
DK5DQ		37,620	175	60	SOU-MIX-LP	4/3	16/10	17/14	135/31	2/1	2/1	
DL8DWW		36,624	142	109	SOU-MIX-LP	4/3	13/12	31/29	68/41	17/16	10/8	
DL1HRN		31,284	211	132	SOU-MIX-HP	35/21	44/26	54/34	46/29	23/15	11/7	
DL1STG		27,872	156	104	SOU-MIX-HP	5/4	4/3	27/20	55/36	50/30	17/11	
DL1DBR		25,824	163	96	SOU-MIX-HP	16/13	25/15	80/41	12/8	28/16	4/3	
DF5AU		23,112	116	108	SOU-MIX-HP	37/35	28/27	22/20	10/8	11/10	10/8	
DL1DQW		20,298	121	102	SOU-MIX-LP	1/1	14/11	41/30	37/36	14/14	14/10	
DO9ST		17,136	154	68	SOU-MIX-LP	11/10	85/31	0/0	0/0	55/21	7/6	
DL2DUA		17,082	118	73	SOU-MIX-HP	0/0	4/4	31/25	62/31	19/7	7/6	
DK2MC		15,405	97	79	SOU-MIX-HP	0/0	21/20	33/24	31/21	10/10	4/4	
DH2PA		13,275	87	59	SOU-MIX-HP	0/0	2/1	1/1	60/36	18/16	7/5	
DL1EFW		13,065	119	65	SOU-MIX-QRP	0/0	12/8	60/31	48/23	3/3	0/0	
DJ7TW		10,792	98	71	SOU-MIX-LP	1/1	6/6	33/28	34/18	22/15	3/3	
DL1ASA		9,802	92	29	SOU-MIX-HP	0/0	0/0	0/0	97/29	0/0	0/0	
DL7UN		9,639	85	51	SOU-MIX-HP	0/0	7/6	20/16	58/25	5/4	0/0	
DB3LO		9,222	81	58	SOU-MIX-HP	2/1	7/6	25/24	37/22	5/2	5/3	
DK2LO		5,950	81	50	SOU-MIX-HP	0/0	10/6	23/17	18/12	30/15	0/0	
DL3VZL		4,806	58	27	SOU-MIX-HP	0/0	0/0	0/0	58/27	0/0	0/0	
DM3ZF		3,354	50	39	SOU-MIX-LP	5/4	11/10	10/8	13/8	7/6	4/3	
DK5KK		2,838	49	22	SOU-MIX-HP	12/11	1/1	1/1	36/9	0/0	0/0	
DL4EAX		2,808	58	26	SOU-MIX-LP	0/0	0/0	0/0	0/0	43/17	15/9	
DL2AMD		2,025	35	27	SOU-MIX-HP	2/1	6/5	4/3	13/10	5/4	5/4	
DL8MF		1,352	28	26	SOU-MIX-QRP	0/0	7/6	7/5	10/10	4/4	2/1	
DF6YC		1,333	39	31	SOU-MIX-LP	1/1	2/1	19/16	11/8	3/3	3/2	
DJ6TB		792	27	24	SOU-MIX-HP	0/0	4/4	12/10	7/6	3/3	1/1	
DM3VL		468	20	13	SOU-MIX-HP	3/2	7/5	3/2	3/2	2/1	2/1	
DKØN		450	23	18	SOU-MIX-LP	9/8	7/6	2/1	2/1	2/1	2/1	DJ9MH
DA2A		375	21	15	SOU-MIX-LP	2/1	2/1	8/7	5/4	2/1	2/1	DK5DQ
DJ5LA		360	16	12	SOU-MIX-HP	3/2	3/2	3/2	7/6	0/0	0/0	
DL8USA		297	17	11	SOU-MIX-HP	2/1	2/1	2/1	4/3	5/4	2/1	
DF1LX		286	20	13	SOU-MIX-HP	2/1	1/1	10/6	4/2	2/2	1/1	

DJ3JD		187	17	11	SOU-MIX-LP	2/1	2/1	4/3	4/3	2/1	3/2	
DL4JLM		176	16	11	SOU-MIX-HP	2/1	2/1	7/5	2/1	2/2	1/1	
DM2GON		153	13	9	SOU-MIX-LP	2/1	2/1	2/1	5/4	2/1	2/1	
DM6V		114	7	6	SOU-MIX-HP	0/0	0/0	1/1	5/4	0/0	1/1	
DF1TB		68	7	4	SOU-MIX-HP	0/0	0/0	1/1	1/1	5/2	0/0	
DL2VL		60	10	6	SOU-MIX-LP	2/1	2/1	2/1	1/1	2/1	2/1	
DL5KUA		3	-1	0	SOU-MIX-LP	0/0	0/0	0/0	0/0	0/0	0/0	
DLØV		593,600	1,086	160	SOU-PH-HP	0/0	8/5	334/51	719/79	49/25	0/0	DL PA9WOR
DL2DQL		157,818	405	174	SOU-PH-HP	0/0	44/27	80/37	199/65	66/30	23/15	
DL1MHJ		150,766	373	178	SOU-PH-LP	3/3	60/31	84/43	153/55	54/31	20/15	
DD8SM		108,576	310	156	SOU-PH-HP	0/0	25/22	52/39	168/54	52/28	19/13	
DM2BR		75,207	249	129	SOU-PH-LP	0/0	27/25	57/37	100/35	54/21	16/11	
DLØLK		71,936	246	128	SOU-PH-HP	16/16	31/25	89/31	107/48	6/6	2/2	DG7AK
DM5RC		42,448	185	112	SOU-PH-LP	8/8	12/12	51/33	80/39	27/14	11/6	
DLØESA		35,898	166	93	SOU-PH-LP	0/0	20/19	10/6	105/47	20/15	12/6	EA1HEO
DG7JB		31,856	162	88	SOU-PH-HP	0/0	5/5	44/32	112/41	10/10	0/0	
DN5AX		21,684	134	78	SOU-PH-HP	0/0	10/10	35/26	80/33	14/9	0/0	
DL1DF		20,066	134	79	SOU-PH-LP	0/0	18/15	23/22	75/29	19/9	4/4	
DM2XM		13,398	99	66	SOU-PH-LP	1/1	8/8	23/23	56/25	11/7	2/2	
DC8TT		11,356	103	68	SOU-PH-LP	0/0	16/14	32/27	44/19	10/6	2/2	
DL7ATR		6,192	74	43	SOU-PH-HP	0/0	0/0	0/0	49/28	23/13	3/2	
DG7NFX		5,904	73	48	SOU-PH-HP	0/0	0/0	15/15	41/21	17/12	0/0	
DC8WPA		3,800	54	50	SOU-PH-LP	0/0	17/16	18/15	11/11	10/8	0/0	
DH2PAF		3,689	61	31	SOU-PH-LP	0/0	0/0	11/10	38/15	12/6	0/0	
DO4EAX		1,240	36	20	SOU-PH-LP	0/0	0/0	0/0	0/0	32/15	5/5	
DL7FP		975	25	25	SOU-PH-LP	0/0	0/0	13/13	10/8	4/4	0/0	
DH8KV		660	22	22	SOU-PH-HP	2/2	5/5	4/4	6/6	5/4	1/1	
DF4JM		656	21	16	SOU-PH-HP	0/0	0/0	1/1	22/15	0/0	0/0	
DLØWM		238	15	14	SOU-PH-LP	0/0	0/0	9/8	1/1	5/5	0/0	
DL7ON		1,461,569	1,351	337	SOU-CW-HP	42/34	160/52	169/63	751/96	182/63	65/29	
DL5YM		771,936	1,450	187	SOU-CW-HP	95/24	191/29	377/40	623/54	141/28	45/12	
DL4HRM		623,392	928	253	SOU-CW-HP	60/30	199/40	199/57	378/79	95/34	30/13	
DLØCS		540,396	983	204	SOU-CW-HP	0/0	0/0	302/58	523/86	135/44	33/16	DK2OY
DF1MM		458,540	836	202	SOU-CW-LP	0/0	93/36	251/58	407/72	71/28	18/8	
DL8QS		306,324	578	201	SOU-CW-HP	31/23	47/29	56/34	363/68	72/35	23/12	
DM3PKK		240,240	540	168	SOU-CW-LP	0/0	60/28	99/38	303/59	71/33	16/10	
DL4CF		221,010	456	159	SOU-CW-HP	35/29	47/19	101/27	213/47	44/29	18/8	

DL7JOM		220,860	598	135	SOU-CW-HP	0/0	0/0	156/32	326/56	101/38	25/9	
DF4XX		212,936	450	172	SOU-CW-HP	46/30	59/33	87/45	250/56	7/6	2/2	
DL4ME		192,660	490	169	SOU-CW-HP	18/18	76/32	163/47	181/46	40/18	17/8	
DJ9RR		181,431	471	171	SOU-CW-HP	8/8	33/25	98/39	231/59	71/26	30/14	
DL8CA		159,478	464	121	SOU-CW-HP	0/0	0/0	147/32	278/61	32/18	13/10	
DL5YL		155,382	480	141	SOU-CW-LP	23/18	82/23	134/38	181/35	54/20	15/7	
DL2NBY		138,714	485	122	SOU-CW-LP	4/4	19/16	165/37	252/42	37/16	14/7	
DL4SDW		136,637	325	139	SOU-CW-LP	0/0	7/6	75/40	184/56	59/33	4/4	
DL5JQ		130,368	322	168	SOU-CW-HP	17/16	55/23	87/42	127/55	32/21	12/11	
DJ2RG		124,726	358	151	SOU-CW-QRP	30/24	35/23	138/43	130/36	19/15	14/10	
DL4AC		109,347	343	127	SOU-CW-LP	1/1	11/10	73/34	222/56	36/22	4/4	
DL6RAI		90,892	331	124	SOU-CW-LP	2/2	8/8	161/43	116/37	37/25	13/9	
DL8ULF		83,664	325	112	SOU-CW-LP	0/0	60/23	67/34	188/40	17/13	2/2	
DL1BUG		78,352	320	118	SOU-CW-HP	60/27	60/24	60/24	57/15	58/17	30/11	
DK2FG		70,752	450	67	SOU-CW-LP	0/0	0/0	451/67	0/0	0/0	0/0	
DL1THB		69,228	309	108	SOU-CW-LP	0/0	37/22	129/40	120/33	24/13	0/0	
DL3CX		52,448	236	88	SOU-CW-LP	0/0	0/0	72/31	157/45	10/8	5/4	
DF4XF		49,389	215	101	SOU-CW-LP	14/12	43/20	56/22	73/30	22/12	12/5	
DM2DZM		45,778	237	94	SOU-CW-QRP	0/0	41/21	93/33	102/30	15/10	0/0	
DK5D		44,400	154	120	SOU-CW-LP	0/0	11/11	24/24	83/51	28/25	10/9	DK5DC
DM7CW		43,120	254	77	SOU-CW-LP	0/0	0/0	194/49	60/25	3/3	0/0	
DF1HF		43,030	167	130	SOU-CW-LP	15/15	31/30	64/44	42/29	12/9	4/3	
DL1HBT		36,888	132	116	SOU-CW-LP	0/0	0/0	34/29	69/57	20/20	10/10	
DK3GI		28,002	147	78	SOU-CW-LP	11/11	20/11	39/23	49/17	19/11	10/5	
DK2DQ		27,775	191	55	SOU-CW-HP	0/0	0/0	96/34	102/21	0/0	0/0	
DLØTN		22,041	129	79	SOU-CW-LP	0/0	0/0	0/0	79/41	43/29	11/9	DL3YDY
DK6BT		18,490	133	86	SOU-CW-HP	10/10	17/12	25/20	52/21	19/14	13/9	
DL6NWA		16,576	143	64	SOU-CW-LP	0/0	0/0	29/18	92/28	16/13	6/5	
DJ9SN		15,535	113	65	SOU-CW-LP	0/0	0/0	25/22	65/25	18/14	7/4	
DJ3WE		15,015	101	65	SOU-CW-HP	1/1	3/3	23/20	59/27	14/10	4/4	
DL5HF		12,635	97	95	SOU-CW-LP	19/19	27/25	26/26	20/17	5/5	3/3	
DL7UAW		9,964	102	47	SOU-CW-QRP	0/0	0/0	44/25	44/14	13/5	4/3	
DL8UD		9,702	96	63	SOU-CW-LP	0/0	9/9	26/24	50/21	12/8	1/1	
DD1JN		9,324	86	63	SOU-CW-QRP	1/1	18/12	30/23	29/16	11/8	3/3	
DL3LQM		3,588	60	39	SOU-CW-QRP	0/0	23/14	14/12	23/11	2/2	0/0	
DF7JC		3,025	55	55	SOU-CW-LP	0/0	12/12	21/21	10/10	9/9	3/3	
DK1LC		1,206	29	18	SOU-CW-LP	0/0	0/0	5/5	19/9	5/4	0/0	

DL6UM		891	29	27	SOU-CW-LP	0/0	7/7	21/19	0/0	0/0	1/1	
DD1A		848,470	1,326	217	MSHP	26/21	125/39	284/47	801/71	93/33	9/6	DL1II HB9CVQ
DF7BL		404,880	818	210	MSHP	34/22	108/33	248/54	338/61	76/28	23/12	DF5BM
DLØRM		230,906	497	214	MSHP	28/25	47/34	93/49	257/58	71/33	24/15	DB8WD DD9WL DG1PY DH1PQ DH2PC DH5WA DL5WO DO8JD
DLØAH		214,326	684	147	MSHP	0/0	211/34	173/37	289/50	43/26	0/0	DG2FEJ DG5YHE DL9ZBN
DLØET		69,804	260	126	MSHP	0/0	55/30	81/42	141/51	3/3	0/0	DF2IAX DF4IAO DK6AH DK7PK DL5UG
DLØFH		38,948	226	91	MSHP	0/0	51/22	95/29	87/31	11/9	0/0	DF6FR DG3FH DL3CB
DN1NE		352	14	11	MSHP	0/0	4/4	1/1	10/6	0/0	0/0	DL9NEI DN1NE
DN4MZ		55	1	5	MSHP	0/0	0/0	4/4	2/1	0/0	0/0	DK4MZ DO3SKF DO6BSE
Greece												
SV1DOO		24,500	150	70	SO-MIX-LP	0/0	0/0	55/24	56/26	31/12	13/8	
SV3AUW		53,603	207	121	SO-PH-QRP	1/1	19/15	54/31	84/40	41/24	12/10	
SV2AIU		15,620	94	71	SO-PH-LP	0/0	0/0	0/0	49/32	35/28	12/11	
SV4RRK		3,400	56	50	SO-PH-LP	5/5	12/12	35/26	7/7	0/0	0/0	
SV2YC		121	11	11	SO-PH-LP	0/0	0/0	0/0	0/0	0/0	11/11	
SV3GKU		108	11	12	SO-PH-HP	0/0	0/0	12/12	0/0	0/0	0/0	
SV2/LZ1ZJ		139,264	554	128	SO-CW-LP	0/0	0/0	142/39	162/42	144/29	113/18	
SV1RUX		7,812	68	31	SO-CW-LP	0/0	0/0	0/0	55/17	14/14	0/0	
SV1CEI		5,724	56	27	SO-CW-LP	0/0	0/0	0/0	46/17	5/5	5/5	
SV1HEM/3		756	19	12	SO-CW-QRP	0/0	0/0	0/0	20/12	0/0	0/0	
SV2BXA		72,956	282	122	SOU-MIX-LP	0/0	0/0	61/30	107/46	91/27	29/19	
SV3RPQ		72,483	289	111	SOU-PH-LP	0/0	8/8	30/21	188/48	30/16	37/18	
SV2DFK		19,039	119	79	SOU-PH-LP	0/0	0/0	21/15	57/32	26/18	17/14	
SV1BFW		5,440	50	40	SOU-PH-HP	0/0	0/0	0/0	50/40	0/0	0/0	
SV1XV		1,888	33	32	SOU-PH-LP	0/0	4/4	4/4	21/20	4/4	0/0	
SV1KYC		924	28	22	SOU-PH-HP	0/0	0/0	6/4	13/9	7/7	2/2	
Hungary												
HG6C		309,111	629	209	SO-MIX-QRP	36/27	92/33	132/35	237/62	103/38	36/14	HA6IAM
HA6PJ		292,824	719	168	SO-MIX-LP	0/0	120/32	264/60	201/43	113/25	25/8	
HA5BA		132,468	468	133	SO-MIX-QRP	4/4	71/28	84/32	225/42	63/21	26/6	
HA5X		57,380	288	95	SO-MIX-LP	0/0	13/9	131/40	103/27	35/15	13/4	
HA7LW		22,776	150	52	SO-MIX-HP	0/0	0/0	0/0	126/34	17/10	9/8	

HA2VR		13,860	122	63	SO-MIX-LP	13/10	19/10	62/26	21/11	6/3	3/3	
HA2DX		12,610	100	65	SO-MIX-LP	0/0	0/0	39/28	35/22	26/15	0/0	
HA5NB		103,149	327	157	SO-PH-QRP	22/20	38/29	54/33	142/40	52/23	22/12	
HA1IO		57,120	252	105	SO-PH-LP	1/1	17/17	77/36	131/35	23/10	10/6	
HA3FHH		17,420	108	67	SO-PH-LP	0/0	0/0	21/19	73/36	15/12	0/0	
HA/R2DAW		7,590	85	46	SO-PH-QRP	0/0	0/0	17/15	50/21	16/8	2/2	R2DAW
HG6O		538,956	1,110	198	SO-CW-HP	19/15	202/37	361/50	438/55	100/36	7/5	HA6OA
HA8GY		434,682	926	171	SO-CW-HP	0/0	0/0	315/53	442/64	134/36	42/18	
HA6NL		389,244	806	199	SO-CW-LP	40/24	167/36	223/44	303/64	55/21	24/10	
HG5F		371,700	962	105	SO-CW-HP	0/0	76/19	113/21	683/46	116/16	4/3	
HA3OU		369,603	773	169	SO-CW-HP	0/0	30/16	193/41	383/70	159/34	22/8	
HA7SBQ		183,860	568	145	SO-CW-LP	0/0	135/29	137/33	193/47	77/25	40/11	
HG3C		129,362	411	142	SO-CW-QRP	5/5	60/28	92/33	161/37	70/29	28/10	HA3HX
HAØHW		60,903	371	67	SO-CW-LP	0/0	48/17	32/7	239/29	32/9	30/5	
HA1AS		45,153	219	87	SO-CW-HP	0/0	4/4	51/27	135/38	28/15	4/3	
HA5NR		40,317	183	89	SO-CW-HP	0/0	0/0	54/30	97/39	33/19	1/1	DD5KG
HA9RP		19,992	126	51	SO-CW-LP	0/0	0/0	0/0	129/51	0/0	0/0	
HA8JP		17,782	257	34	SO-CW-HP	0/0	257/34	0/0	0/0	0/0	0/0	
HA9TA		4,608	56	32	SO-CW-LP	0/0	0/0	8/5	20/7	32/16	4/4	
HA2SK		3,834	66	27	SO-CW-LP	0/0	0/0	70/27	0/0	0/0	0/0	
HA3NU		3,566,254	2,761	386	SOU-MIX-HP	42/34	103/54	536/86	1,796/102	277/76	56/34	
HA6P		1,729,144	1,636	331	SOU-MIX-HP	34/32	92/47	300/72	1,059/96	126/57	44/27	HA6PX
HG2U		986,592	1,468	239	SOU-MIX-LP	0/0	206/37	397/58	626/68	215/50	49/26	N4YDU
HA5PP		335,214	779	198	SOU-MIX-QRP	27/22	103/33	177/46	335/57	103/27	38/13	
HA7GN		182,476	755	76	SOU-MIX-HP	0/0	0/0	201/23	436/38	138/15	0/0	
HA1RJ		124,146	424	121	SOU-MIX-LP	0/0	3/3	112/33	252/51	51/23	20/11	
HA3FUT		66,976	302	104	SOU-MIX-LP	0/0	88/25	62/26	138/42	15/10	4/1	
HA3DX		1,064,328	1,456	244	SOU-PH-HP	22/21	66/29	193/52	932/66	198/52	69/24	HA4XH
HG5D		1,811,334	1,936	303	SOU-CW-HP	37/29	125/47	352/64	1,172/85	260/64	18/14	HA8QZ
HA9A		667,815	1,127	211	SOU-CW-HP	38/26	123/31	394/50	459/64	172/36	8/4	HA9AX
HA5T		236,459	539	179	SOU-CW-HP	14/14	55/31	131/35	201/51	110/36	37/12	HA5TI
HA3LN		227,930	766	115	SOU-CW-HP	0/0	236/47	535/68	0/0	0/0	0/0	
HA8TP		18,315	171	45	SOU-CW-LP	0/0	0/0	88/14	72/18	11/10	3/3	
HA5AQ		3,024	67	16	SOU-CW-HP	0/0	0/0	0/0	69/16	0/0	0/0	
HG7T		2,607,500	2,446	350	MSHP	43/32	172/55	534/79	1,316/84	355/71	83/29	HA7JHM HA7MM HA7TM HA8LLK HG5DX

HG6N	2,502,328	2,312	334	MSHP	40/27	127/47	488/73	1,413/101	253/62	41/24	HA2NA HA6ND HA6NY HA6ON HA8RT
HG5A	1,452,372	1,906	254	MSHP	72/27	137/35	264/44	1,135/81	276/51	70/16	HA5IW HA7ANT
HG8N	522,018	946	189	MSHP	0/0	57/26	148/39	612/63	144/45	25/16	HA5GY HA7MF HA8VK HA8ZO
Italy											
IR4B	394,482	1,084	129	SO-MIX-HP	0/0	11/11	299/35	747/58	45/21	6/4	IK4AUY
IK3UNA	279,792	897	144	SO-MIX-HP	0/0	62/23	156/36	506/39	144/29	40/17	
IV3UHL	122,780	437	140	SO-MIX-LP	9/7	30/16	86/36	176/37	129/34	21/10	
IK7NXU	100,224	297	128	SO-MIX-HP	0/0	0/0	0/0	173/62	69/37	58/29	
IK1XPK	91,000	368	125	SO-MIX-QRP	0/0	8/7	67/33	210/45	59/28	26/12	
IW3FVZ	76,954	342	109	SO-MIX-HP	0/0	11/10	80/35	178/34	58/22	19/8	
I1SOP	31,678	151	94	SO-MIX-LP	5/5	18/17	47/28	44/22	28/14	16/8	
I4JEE	21,873	121	69	SO-MIX-LP	0/0	14/11	39/15	32/18	28/17	19/8	
IV3BCA	20,935	127	79	SO-MIX-LP	3/2	10/8	29/18	82/31	21/14	8/6	
I12VALT	9,984	92	52	SO-MIX-LP	0/0	6/5	51/25	43/22	0/0	0/0	I2ZPH
IW1CHX	4,838	66	41	SO-MIX-LP	0/0	0/0	8/8	46/23	0/0	12/10	
IZØFVD	4,042	42	47	SO-MIX-HP	0/0	1/1	13/13	33/33	0/0	0/0	
IK2GWH	2,046	32	31	SO-MIX-LP	0/0	6/6	28/17	9/8	0/0	0/0	
IW1FZR	1,128	29	24	SO-MIX-LP	3/2	3/2	5/4	15/14	2/1	2/1	
IW9HII	132	6	6	SO-MIX-LP	0/0	0/0	0/0	6/4	2/2	0/0	
IQ5VR	60	10	6	SO-MIX-LP	1/1	2/1	2/1	1/1	2/1	2/1	
IZ5JLW	48	8	6	SO-MIX-LP	1/1	2/1	2/1	1/1	1/1	2/1	
IZ3BSU	3	0	0	SO-MIX-HP	0/0	0/0	0/0	0/0	0/0	0/0	
IK3HHX	3	0	0	SO-MIX-LP	0/0	0/0	0/0	0/0	0/0	0/0	
IZ4JUK	522,474	1,017	186	SO-PH-HP	0/0	31/25	99/41	743/65	135/40	28/15	
IZ8GUQ	114,318	355	146	SO-PH-LP	13/13	55/28	80/14	133/49	56/31	22/11	
IK7CMY	108,467	545	79	SO-PH-LP	0/0	0/0	0/0	286/36	264/36	7/7	
IU3FBL	107,417	307	163	SO-PH-HP	6/6	23/23	56/30	128/54	77/34	23/16	
IT9EWR	102,144	274	168	SO-PH-LP	0/0	31/27	54/39	123/51	51/36	15/15	
IU4HRJ	80,115	261	147	SO-PH-LP	0/0	0/0	87/45	126/52	46/34	27/16	
I4XNN	73,360	250	131	SO-PH-HP	0/0	10/10	52/32	108/44	56/29	24/16	
IK4LZH	58,092	214	103	SO-PH-LP	0/0	0/0	0/0	124/54	69/35	24/14	
IZØVXY	44,599	223	103	SO-PH-LP	0/0	0/0	42/30	55/28	109/32	19/13	
IKØBAL	43,820	165	140	SO-PH-LP	5/5	10/10	35/30	56/45	36/33	24/17	
IT9CTG	39,591	297	83	SO-PH-LP	0/0	4/4	24/19	86/17	87/23	117/20	

IK3ZBM		39,483	165	107	SO-PH-LP	0/0	4/4	27/25	83/44	41/25	14/9	
IZ1NBX		25,912	152	79	SO-PH-HP	0/0	12/12	28/25	111/35	5/5	2/2	
IV3MPI		24,920	132	89	SO-PH-LP	0/0	14/14	19/17	60/35	26/14	14/9	
IWØHLZ		21,160	132	92	SO-PH-LP	4/4	14/14	21/20	31/20	38/17	27/17	
IK2MPR		21,004	128	89	SO-PH-HP	0/0	21/20	22/16	51/29	38/24	0/0	
IK4MGJ		18,403	115	77	SO-PH-LP	0/0	6/6	51/33	44/22	12/12	4/4	
IZ4AIF		13,783	97	77	SO-PH-LP	1/1	18/17	39/27	31/24	11/8	0/0	
IK7RVY		13,780	144	53	SO-PH-LP	0/0	0/0	0/0	36/14	21/20	93/19	
IKØBZE		13,390	100	65	SO-PH-HP	0/0	0/0	0/0	60/32	28/21	16/12	
IU6FUB		13,005	97	85	SO-PH-LP	0/0	5/5	23/22	38/27	28/19	15/12	
IZ2JNN		11,660	104	55	SO-PH-LP	0/0	0/0	0/0	51/26	32/16	23/13	
IQØRU		9,648	86	67	SO-PH-LP	0/0	0/0	33/26	27/20	20/15	6/6	IZ6DWH
I2BZN		9,515	85	55	SO-PH-LP	0/0	9/8	30/22	31/14	19/8	5/3	
IZ3QCH		8,083	81	59	SO-PH-LP	1/1	7/7	34/24	30/18	10/9	0/0	
IWØEZW		5,300	62	50	SO-PH-LP	0/0	0/0	16/16	24/16	17/12	6/6	
IK3XTT		3,069	55	31	SO-PH-LP	0/0	0/0	0/0	41/18	18/13	0/0	
IU5BKR		1,734	35	34	SO-PH-HP	0/0	0/0	17/16	20/18	0/0	0/0	
IZ1HBC		1,725	35	23	SO-PH-LP	0/0	0/0	0/0	25/17	10/6	0/0	
I5KAP		1,692	40	18	SO-PH-QRP	0/0	0/0	0/0	0/0	0/0	40/18	
IZ3ZOO		1,457	35	31	SO-PH-LP	0/0	0/0	17/16	6/5	9/7	3/3	
IK4XQT		1,118	31	26	SO-PH-LP	0/0	0/0	14/11	12/9	4/4	2/2	
IZ8IEV/5		1,032	27	24	SO-PH-LP	0/0	0/0	4/4	15/13	7/5	2/2	
IW6PWC		924	20	21	SO-PH-LP	0/0	0/0	0/0	13/12	6/6	3/3	
IZ1DLY/1		306	17	18	SO-PH-LP	0/0	0/0	8/8	10/10	0/0	0/0	
IN3EHR		224	14	14	SO-PH-QRP	0/0	0/0	0/0	0/0	14/14	0/0	
IT9JGX		84	6	6	SO-PH-LP	0/0	0/0	0/0	1/1	4/2	3/3	
IK3XTY		3	2	1	SO-PH-LP	0/0	0/0	2/1	0/0	0/0	0/0	
IN3EMI		3	0	1	SO-PH-LP	0/0	0/0	1/1	0/0	0/0	0/0	
IO2X		1,841,964	2,221	268	SO-CW-HP	34/26	115/34	562/60	1,092/69	391/55	54/24	IK2NCJ
IK2A00		179,204	504	142	SO-CW-HP	17/16	48/25	158/38	249/42	29/15	7/6	
IK7MIY		175,318	572	143	SO-CW-LP	0/0	0/0	180/50	267/49	54/24	90/20	
IK4XCL		161,796	448	139	SO-CW-LP	0/0	30/21	86/32	250/44	84/29	21/13	
IØZUT		145,470	389	130	SO-CW-LP	2/2	27/21	52/27	245/46	63/29	5/5	
IK1BPL		57,365	289	77	SO-CW-LP	0/0	0/0	0/0	223/43	64/23	19/11	
IV3ARJ		56,160	240	104	SO-CW-LP	0/0	8/8	46/28	138/36	38/24	12/8	
I1WQR		52,884	280	78	SO-CW-HP	0/0	7/6	69/26	191/32	13/9	6/5	
IKØPXD		47,124	258	102	SO-CW-LP	0/0	17/11	59/27	97/25	70/27	35/12	

I6FDJ		47,034	208	117	SO-CW-LP	3/3	17/17	33/25	90/37	59/28	10/7	
IZ4OSH		43,940	299	52	SO-CW-LP	0/0	0/0	0/0	306/38	14/13	1/1	
IW3ILM		41,160	208	98	SO-CW-QRP	0/0	23/19	77/33	85/29	19/14	4/3	
IV3DRP		40,970	220	85	SO-CW-QRP	0/0	0/0	45/24	136/36	30/17	11/8	
I1YTO		40,850	164	95	SO-CW-LP	0/0	0/0	29/23	78/32	29/21	30/19	
IKØYUT		30,039	193	51	SO-CW-HP	2/2	3/3	19/6	147/24	15/10	10/6	
IT9NAN		28,644	186	77	SO-CW-LP	0/0	0/0	2/2	115/36	40/20	30/19	
IZ4DZD		28,490	165	74	SO-CW-HP	0/0	0/0	45/28	105/36	15/10	0/0	
IØWBX		27,511	155	61	SO-CW-HP	0/0	0/0	40/22	108/31	13/8	0/0	
IK2WYI		20,336	158	62	SO-CW-LP	0/0	0/0	20/15	104/25	23/15	11/7	
IK8ARF		20,224	120	79	SO-CW-LP	0/0	0/0	34/27	36/21	39/21	14/10	
IT9CKA		19,738	136	71	SO-CW-LP	0/0	0/0	0/0	56/39	87/32	0/0	
IN3ZWF		19,650	150	75	SO-CW-LP	0/0	37/25	89/34	25/16	0/0	0/0	
IK2AUK		16,315	139	65	SO-CW-LP	0/0	18/12	50/25	61/20	14/8	0/0	
IK2AHB		15,222	142	43	SO-CW-HP	0/0	0/0	0/0	112/22	34/21	0/0	
IZ1CLA		13,530	105	66	SO-CW-LP	0/0	10/9	37/22	37/17	18/13	6/5	
IK3TZB		11,718	97	62	SO-CW-QRP	0/0	1/1	25/18	47/26	24/16	1/1	
IV3EAD		10,296	84	66	SO-CW-LP	0/0	0/0	39/28	13/10	29/22	6/6	
IK2NUX		10,192	82	56	SO-CW-LP	0/0	0/0	14/14	42/21	26/21	0/0	
IZ6BXQ		7,344	76	51	SO-CW-LP	0/0	0/0	10/10	20/12	30/20	17/9	
IZ5FDE		4,232	66	46	SO-CW-LP	2/2	10/9	19/10	14/9	14/10	8/6	
IQ4FF		2,970	41	22	SO-CW-LP	0/0	0/0	0/0	43/22	0/0	0/0	
IK2IKW		992	28	16	SO-CW-LP	0/0	1/1	5/3	21/10	2/2	0/0	
IK2AIT/IV3		777	27	21	SO-CW-QRP	0/0	0/0	0/0	35/21	0/0	0/0	
IZ3KMY		756	24	18	SO-CW-LP	0/0	0/0	12/9	4/3	7/5	3/1	
IR4E		522	28	9	SO-CW-HP	0/0	0/0	0/0	0/0	0/0	28/9	IK4ZHH
IK5MEP		196	14	14	SO-CW-LP	0/0	0/0	6/6	8/8	0/0	0/0	
I/W9CF		8	2	2	SO-CW-QRP	0/0	0/0	0/0	2/2	0/0	0/0	W9CF
IZ8JFL		269,985	601	205	SOU-MIX-QRP	0/0	21/20	155/61	169/59	138/39	138/26	
IZ8GNR		158,060	487	140	SOU-MIX-LP	0/0	8/7	80/36	247/59	151/31	7/7	
IK3SCB		129,720	562	94	SOU-MIX-HP	0/0	2/1	18/18	481/49	13/10	57/16	
IZ3NVR		73,056	345	96	SOU-MIX-LP	0/0	6/5	67/19	155/33	101/29	21/10	
IN3FHE		47,388	171	132	SOU-MIX-LP	1/1	35/34	51/44	72/42	8/7	5/4	
I2WIJ		46,592	208	128	SOU-MIX-HP	23/19	6/5	28/24	53/36	75/33	24/11	
IK4OMU		35,530	208	95	SOU-MIX-LP	0/0	4/3	38/22	105/36	49/24	14/10	
IZ5VCI/P		21,060	150	78	SOU-MIX-LP	0/0	0/0	39/24	96/39	20/15	0/0	
IKØXBX		18,560	100	80	SOU-MIX-HP	13/12	6/5	23/22	37/26	20/14	2/1	

IT9ZZO		3,286	62	53	SOU-MIX-LP	0/0	7/7	32/26	22/19	0/0	1/1	
IK2TDM		3,116	46	38	SOU-MIX-HP	4/3	2/1	10/9	14/11	13/12	3/2	
IZ8JAI		2,304	82	18	SOU-MIX-HP	2/1	2/1	2/1	2/1	74/13	2/1	
I4EWH		72	12	6	SOU-MIX-HP	2/1	2/1	2/1	2/1	2/1	2/1	
IZ5DKG		40	8	5	SOU-MIX-LP	0/0	2/1	2/1	2/1	2/1	1/1	
IK2YCW		731,666	1,050	263	SOU-PH-HP	13/13	37/32	165/47	632/94	172/54	47/23	
IB1B		481,780	898	221	SOU-PH-HP	0/0	41/26	206/53	524/76	99/46	38/20	IW1QN
IB9A		453,200	1,052	206	SOU-PH-HP	0/0	0/0	219/49	222/67	410/54	215/36	
IR9Z		451,347	1,121	213	SOU-PH-HP	15/15	97/38	204/45	267/50	300/37	260/28	IT9VCE
IU2IDO		285,714	491	222	SOU-PH-LP	0/0	48/35	124/55	278/78	70/37	30/17	
IZ2DLV		71,424	218	144	SOU-PH-HP	5/5	13/13	53/36	107/61	20/15	22/14	
IT9OPR		61,697	287	103	SOU-PH-LP	0/0	0/0	22/20	121/49	142/26	8/8	
IZØBVU		58,103	309	97	SOU-PH-HP	0/0	19/19	43/30	228/34	15/8	9/6	
IK5PWS		40,602	192	101	SOU-PH-LP	0/0	11/11	50/34	120/46	15/10	0/0	
IZØFUW		32,785	187	83	SOU-PH-QRP	1/1	1/1	13/13	132/37	34/21	11/10	
IU7BOH		12,749	97	61	SOU-PH-LP	0/0	0/0	0/0	49/26	37/24	17/11	
IK2MMM		10,010	92	55	SOU-PH-LP	0/0	1/1	14/12	56/24	19/16	2/2	
IT9IMJ		3,726	42	23	SOU-PH-HP	0/0	0/0	0/0	43/23	0/0	0/0	
IZØTWS		864	22	24	SOU-PH-HP	0/0	0/0	2/2	15/15	0/0	7/7	
IU4FNO		396	20	18	SOU-PH-LP	0/0	1/1	6/6	10/9	0/0	3/2	
IZ3TFL		3	1	1	SOU-PH-LP	0/0	0/0	0/0	1/1	0/0	0/0	
IZ3SQW		396,430	1,016	145	SOU-CW-HP	1/1	15/10	255/30	522/58	226/38	15/8	
I2IFT		359,086	615	182	SOU-CW-HP	0/0	49/31	280/59	263/71	23/20	1/1	
IZ8EFD		320,331	721	187	SOU-CW-LP	0/0	0/0	84/44	483/79	118/41	50/23	
IZ4DYX		298,328	652	178	SOU-CW-LP	15/15	91/31	193/43	293/54	51/26	16/9	
IK2CLB		291,408	569	208	SOU-CW-HP	7/7	111/42	169/48	220/57	49/37	21/17	
IO3X		252,525	433	195	SOU-CW-HP	0/0	26/24	118/49	225/73	38/34	30/15	
I1NVU		196,668	398	162	SOU-CW-HP	0/0	21/19	142/46	204/67	37/26	4/4	
IK3QAR		135,320	431	136	SOU-CW-LP	0/0	0/0	173/42	197/50	46/31	18/13	
IZ8GCB		91,164	476	71	SOU-CW-LP	0/0	0/0	0/0	337/32	127/26	19/13	
IZ3XEF		24,495	105	71	SOU-CW-HP	0/0	4/4	11/10	66/34	23/20	3/3	
IO3A		24,102	179	78	SOU-CW-LP	0/0	48/12	60/22	38/19	20/16	17/9	
IW1FNW		6,963	103	33	SOU-CW-LP	0/0	0/0	0/0	104/33	0/0	0/0	
IK8TEO		4,864	158	16	SOU-CW-LP	0/0	0/0	0/0	160/16	0/0	0/0	
IK2ULV		1,092	30	14	SOU-CW-LP	0/0	0/0	0/0	30/14	0/0	0/0	
IK1JJM		200	12	10	SOU-CW-LP	1/1	1/1	1/1	7/4	2/2	1/1	

												I4USC I4VEQ IK4UPB IK4VET IK4ZGO IT9RGY IZ3EYZ IZ4BOY
IR4X	4,217,927	3,289	389	MSHP	36/32	165/52	714/87	2,019/111	332/72	63/35		
IO9A	1,336,966	2,180	239	MSHP	0/0	27/21	72/46	1,174/86	578/55	362/31		
IR3Z	1,068,310	1,656	235	MSHP	50/26	113/31	513/53	797/77	183/36	31/12		
IZ2FOS	948,474	1,364	261	MSHP	13/12	89/34	492/65	614/85	136/49	55/16		IU2CIQ IZ2FOS
												I8QFK IK2YSE IZ2WTZ IZ2XFR IZ2ZOZ
IQ2LS	709,590	1,169	218	MSHP	14/9	94/26	202/48	702/74	165/47	31/14		
IR2L	588,087	1,093	207	MSHP	10/10	83/33	298/51	443/61	271/42	11/10		IK2EAD IK2GZU IK2SAU
I13E	110,770	506	95	MSHP	0/0	0/0	111/27	340/41	59/20	13/7		I3FIY IK3SSJ IK3STG IZ3EAW
IN3EQD	85,560	279	120	MSHP	5/5	33/21	69/32	147/44	40/18	0/0		IN3EQD IN3GLU IN3IFK IN3QGY IN3RYF
IQ3TR	12,040	131	56	MSHP	0/0	0/0	74/33	65/23	0/0	0/0		I3GVN IU3FCR IZ3KUZ IZ3NXC
IZØUIN	3,496	50	46	MSHP	0/0	0/0	8/8	32/22	13/13	3/3		
Macedonia												
Z36W	165	13	11	SOU-MIX-LP	0/0	0/0	13/11	0/0	0/0	0/0		
Malta												
9H1AE	147,375	623	125	SOU-MIX-LP	0/0	16/11	39/20	193/36	237/33	157/25		
Montenegro												
4O6ZD	6,624	78	36	SO-PH-LP	0/0	0/0	0/0	79/36	0/0	0/0		
4O4SM	134,729	417	133	SO-CW-LP	0/0	16/11	66/28	204/48	102/32	35/14		
4O7CC	13,905	139	45	SO-CW-HP	0/0	0/0	44/14	47/11	39/10	16/10		
Poland												
SQ9DXN	129,422	368	163	SO-MIX-LP	22/16	74/32	79/38	129/49	46/20	21/8		
SP3HLM	108,570	267	210	SO-MIX-HP	48/31	47/41	66/41	44/39	51/39	21/19		
SQ2BXI	96,624	360	132	SO-MIX-QRP	47/24	42/24	97/39	173/36	16/8	1/1		
SQ3WW	93,624	312	141	SO-MIX-LP	4/4	46/25	129/49	71/33	48/20	21/10		
SP5ICS	72,565	291	115	SO-MIX-HP	0/0	28/19	43/25	166/46	35/17	19/8		
SQ6R	66,585	235	115	SO-MIX-LP	0/0	24/19	36/28	144/40	32/20	17/8		
SP6CC	60,166	223	134	SO-MIX-LP	16/15	25/21	70/42	83/38	28/16	3/2		
SP9KJU	53,019	237	129	SO-MIX-LP	0/0	39/25	69/36	69/39	48/23	18/6		

SP9CXN		50,920	250	95	SO-MIX-LP	0/0	59/24	77/35	113/34	0/0	3/2	
SP2IW		46,453	209	103	SO-MIX-LP	3/3	22/15	37/25	115/38	29/13	21/9	
SQ8FEU		41,588	246	74	SO-MIX-LP	0/0	6/5	38/22	171/33	34/14	0/0	
SP6LUV		36,782	175	106	SO-MIX-LP	10/10	22/19	37/24	58/32	35/13	15/8	
SP6AEG		36,188	172	109	SO-MIX-HP	2/2	10/10	37/28	68/37	42/22	16/10	
SP6AB		33,825	187	75	SO-MIX-LP	0/0	0/0	78/34	99/34	7/3	7/4	
SP5DDJ		26,978	169	94	SO-MIX-LP	2/2	11/8	42/26	61/30	44/21	10/7	
SQ7LQJ		22,022	148	77	SO-MIX-LP	3/3	1/1	56/32	64/26	14/10	11/5	
SN9M		17,856	136	72	SO-MIX-HP	1/1	21/16	88/37	28/18	0/0	0/0	SP9CLU
SP9BNM		16,770	130	65	SO-MIX-LP	2/1	5/4	35/24	75/22	9/8	7/6	
SQ9JYK		15,600	124	39	SO-MIX-LP	2/1	2/1	2/1	120/34	1/1	2/1	
SP4AAZ		14,256	120	72	SO-MIX-LP	0/0	15/14	26/17	59/24	22/13	7/4	
SN25ØA		13,983	123	59	SO-MIX-LP	12/9	22/10	13/10	58/18	11/6	9/6	SQ9PUW
SN5N		12,090	149	26	SO-MIX-HP	0/0	0/0	0/0	150/26	0/0	0/0	
SQ8BGR		6,435	67	55	SO-MIX-LP	1/1	21/20	16/15	28/17	1/1	1/1	
SP9TPV		5,928	66	38	SO-MIX-HP	2/1	2/1	2/1	57/30	2/2	4/3	
SQ9MCI		5,450	57	50	SO-MIX-LP	1/1	2/1	18/17	30/25	4/4	2/2	
SP6Eiy		5,301	71	31	SO-MIX-QRP	0/0	0/0	0/0	71/31	0/0	0/0	SP6Eiy QRP
SP2AJ		4,134	53	26	SO-MIX-HP	0/0	0/0	0/0	56/26	0/0	0/0	
SP5CQI		1,508	34	29	SO-MIX-LP	0/0	2/1	15/15	5/5	7/5	6/3	
SP6JOQ		840	24	20	SO-MIX-LP	1/1	2/1	2/1	14/12	4/4	2/1	
SP8JUS		513	19	19	SO-MIX-LP	0/0	1/1	9/9	2/2	8/7	0/0	
SP3MKS		504	24	21	SO-MIX-LP	2/1	8/7	5/4	4/3	4/4	3/2	
SP2FAV		210	15	14	SO-MIX-LP	0/0	0/0	13/12	2/2	0/0	0/0	
SP9CQ		162	12	9	SO-MIX-LP	5/3	2/1	4/3	0/0	0/0	2/2	
SP6CZ		132	11	12	SO-MIX-LP	0/0	1/1	4/4	6/6	1/1	0/0	
SQ7NSN		91	9	7	SO-MIX-HP	1/1	2/1	1/1	3/2	2/1	2/1	
SQ3OGP		80	8	8	SO-MIX-QRP	0/0	1/1	3/2	1/1	3/3	1/1	
SP6IHE		60	10	6	SO-MIX-LP	2/1	2/1	2/1	2/1	1/1	2/1	
SP6AN		48	8	6	SO-MIX-LP	3/2	2/1	2/2	0/0	0/0	2/1	
SP2FWC		28	7	4	SO-MIX-HP	2/1	2/1	2/1	1/1	0/0	0/0	
SQ9HHO		6	3	2	SO-MIX-LP	0/0	2/1	1/1	0/0	0/0	0/0	
SQ9HHC		6	3	2	SO-MIX-LP	0/0	2/1	1/1	0/0	0/0	0/0	
SQ9HHV		6	3	2	SO-MIX-LP	0/0	2/1	1/1	0/0	0/0	0/0	
SQ9ITB		6	3	2	SO-MIX-LP	0/0	2/1	1/1	0/0	0/0	0/0	
SQ9JKG		6	3	2	SO-MIX-LP	0/0	2/1	1/1	0/0	0/0	0/0	
SQ9CYR		6	3	2	SO-MIX-LP	0/0	2/1	1/1	0/0	0/0	0/0	

SP7MC	255,304	592	194	SO-PH-HP	36/25	46/24	135/45	304/66	62/26	18/8	
SP6DVP	165,410	494	139	SO-PH-LP	0/0	0/0	209/47	205/54	80/31	8/7	
SQ8ERS	156,643	427	163	SO-PH-LP	20/18	35/28	81/35	254/56	42/20	6/6	
SP6KK	142,416	398	138	SO-PH-LP	0/0	0/0	70/34	243/68	71/26	19/10	
SP2X	98,560	262	160	SO-PH-HP	23/23	26/23	45/38	127/48	42/25	3/3	
SP1FPG	83,258	274	133	SO-PH-LP	6/6	32/24	74/38	127/43	35/17	6/5	
SP4SHD	80,104	297	136	SO-PH-LP	0/0	49/30	76/44	149/46	17/11	6/5	
SO9W	78,855	311	105	SO-PH-LP	0/0	0/0	91/37	192/50	31/18	0/0	
SP2JMR	56,640	222	120	SO-PH-LP	0/0	31/21	53/35	101/40	30/17	10/7	
SP4TBF	54,768	241	112	SO-PH-LP	0/0	35/21	53/30	122/40	34/18	3/3	
SP4LVK	49,742	212	119	SO-PH-QRP	9/9	13/13	59/34	91/36	28/19	13/8	
HFØDGS	41,040	194	108	SO-PH-LP	0/0	21/19	50/33	103/43	21/10	3/3	SQ9CXC
SP1FRC	39,804	204	93	SO-PH-LP	0/0	21/20	80/39	101/31	5/3	0/0	
SQ9ZAX	36,927	179	99	SO-PH-LP	12/12	10/10	38/28	97/36	18/10	5/3	
SP1JQJ	31,160	156	82	SO-PH-HP	0/0	0/0	32/23	115/47	16/11	1/1	
SQ9ANS	31,146	172	87	SO-PH-LP	0/0	18/16	45/30	95/30	15/9	2/2	
SP2GCE	28,424	168	76	SO-PH-LP	0/0	6/6	28/19	90/27	40/18	6/6	
SQ5ARG	22,673	151	79	SO-PH-LP	0/0	3/3	33/24	90/34	27/14	5/4	
SP3LD	22,673	121	79	SO-PH-LP	0/0	0/0	21/20	79/41	23/12	6/6	
SP1HN	21,930	126	85	SO-PH-LP	0/0	27/25	40/28	55/26	9/6	0/0	
SQ9NJE	21,672	148	84	SO-PH-QRP	0/0	13/13	38/28	76/29	21/13	1/1	
SQ2DYL	15,696	114	72	SO-PH-LP	0/0	18/16	22/21	66/28	9/7	0/0	
3Z6AET	13,536	94	72	SO-PH-LP	0/0	29/25	40/35	26/12	0/0	0/0	
SP7MFU	13,440	112	70	SO-PH-LP	0/0	13/13	38/27	56/21	7/5	4/4	
SP8P	12,600	100	75	SO-PH-LP	0/0	13/13	32/28	38/22	14/9	3/3	
SP3BBS	11,968	101	64	SO-PH-LP	0/0	8/8	22/22	64/28	7/6	0/0	
SP5LCS	11,072	81	64	SO-PH-LP	4/4	10/8	29/24	33/20	8/8	0/0	
SQ9PCA	10,443	89	59	SO-PH-LP	8/8	13/13	16/10	46/22	9/3	3/3	
SP8ONN	9,338	79	46	SO-PH-HP	0/0	0/0	0/0	59/34	22/12	0/0	
SQ6RKY	8,892	96	38	SO-PH-LP	0/0	0/0	0/0	90/32	3/2	6/4	
SP6RTX	8,442	72	63	SO-PH-LP	0/0	3/2	30/28	38/24	8/5	4/4	
SP8BOZ	7,752	80	57	SO-PH-LP	0/0	7/7	34/26	40/21	3/3	0/0	
SP5XXX	7,564	78	62	SO-PH-LP	2/2	30/21	24/21	24/18	0/0	0/0	
SQ6IYV	4,752	58	44	SO-PH-LP	0/0	0/0	13/13	31/18	12/9	4/4	
SQ8PIW	4,180	63	44	SO-PH-LP	0/0	15/14	50/30	0/0	0/0	0/0	
SQ3YAY	3,600	42	40	SO-PH-LP	0/0	0/0	15/15	27/24	0/0	1/1	
SP6GBR	2,976	45	32	SO-PH-LP	6/6	2/1	3/2	35/21	0/0	2/2	

SP6RLF	2,603	53	19	SO-PH-LP	0/0	0/0	0/0	59/19	0/0	0/0	
SP6OPZ	2,520	48	30	SO-PH-LP	0/0	0/0	13/13	36/17	0/0	0/0	
SP7CVW	2,025	33	25	SO-PH-LP	0/0	1/1	1/1	21/17	9/5	1/1	
SQ9BDB	1,767	37	31	SO-PH-LP	0/0	7/7	8/6	13/10	4/4	5/4	
SP3AYA	1,325	25	25	SO-PH-LP	0/0	0/0	13/13	12/11	0/0	1/1	
SO9ARC	704	24	22	SO-PH-LP	0/0	0/0	24/22	0/0	0/0	0/0	
SQ9Z	580	25	20	SO-PH-LP	0/0	22/17	3/3	0/0	0/0	0/0	
SQ7ACP	500	19	20	SO-PH-LP	0/0	0/0	12/12	6/6	2/2	0/0	
SQ8VPS	470	21	10	SO-PH-LP	0/0	0/0	0/0	21/10	0/0	0/0	
SQ9KDO	338	14	13	SO-PH-LP	1/1	3/3	4/4	5/4	1/1	0/0	
SQ9IAB/1	297	15	11	SO-PH-LP	0/0	0/0	6/6	8/3	2/2	0/0	
SP9WZO	247	13	13	SO-PH-LP	0/0	0/0	9/9	5/4	0/0	0/0	
SP9TDA	247	13	13	SO-PH-LP	1/1	2/2	3/3	4/4	2/2	1/1	
SP8POP	9	3	3	SO-PH-LP	0/0	3/3	0/0	0/0	0/0	0/0	SP8MRD
SN8T	437,128	942	202	SO-CW-LP	20/16	156/30	255/45	323/65	185/41	13/5	SP8BVN
SP1AEN	371,046	708	201	SO-CW-LP	42/23	57/35	294/58	274/60	35/21	8/4	
SP9PKZ	365,750	751	190	SO-CW-LP	29/21	133/37	187/50	379/59	63/23	0/0	SP9NSV
SN6A	187,878	436	181	SO-CW-HP	18/18	53/33	149/56	188/53	28/19	3/2	SP6CES
SP9R	156,612	503	124	SO-CW-HP	0/0	0/0	148/38	280/60	75/22	6/4	SP9BRP
SP9YFF	150,252	504	114	SO-CW-LP	50/20	123/18	142/21	153/30	35/18	7/7	
SP2AYC	135,954	510	117	SO-CW-LP	0/0	171/29	165/36	122/32	47/16	14/4	
SP4BEU	114,210	391	90	SO-CW-HP	6/5	11/6	128/32	222/36	20/7	10/4	
SP5GDY	75,168	264	108	SO-CW-LP	0/0	34/25	45/24	172/51	7/4	8/4	
SP9JPA	69,575	249	121	SO-CW-LP	0/0	45/27	68/37	119/45	10/7	9/5	
SP7VCA	68,564	234	122	SO-CW-HP	0/0	42/26	51/34	130/47	29/14	1/1	
SP2FAP	54,208	280	56	SO-CW-HP	0/0	0/0	0/0	291/56	0/0	0/0	
SP5GH	50,400	150	150	SO-CW-HP	0/0	25/25	47/47	54/54	20/20	4/4	
SP8IOV	50,105	283	55	SO-CW-LP	0/0	0/0	0/0	289/55	0/0	0/0	
SQ5JUP	34,974	224	67	SO-CW-LP	0/0	36/13	122/33	57/14	14/7	0/0	
SP2IU	30,099	171	79	SO-CW-LP	0/0	6/6	22/18	91/32	48/18	14/5	
SP8BWE	27,690	178	71	SO-CW-LP	0/0	28/19	49/23	110/29	0/0	0/0	
SP4DNX	25,414	120	97	SO-CW-HP	0/0	24/22	28/28	69/47	0/0	0/0	
SP6G	24,272	152	74	SO-CW-LP	19/16	0/0	48/27	81/25	6/6	0/0	SP6GNJ
SN1ØØF	21,873	171	69	SO-CW-LP	0/0	21/14	125/37	17/10	12/8	0/0	
SQ3MZM	21,528	200	46	SO-CW-LP	0/0	0/0	0/0	201/46	0/0	0/0	
SQ9FQY	20,805	149	57	SO-CW-LP	0/0	0/0	25/18	117/33	10/6	0/0	
SP3AMO	20,532	140	87	SO-CW-LP	26/20	27/17	31/19	42/19	11/8	7/4	

SP9DUX		19,598	123	82	SO-CW-LP	5/5	19/17	35/26	45/20	15/9	9/5	
SP2KAC		17,612	122	74	SO-CW-LP	0/0	13/11	61/31	45/28	4/4	0/0	
SP2MW		14,378	106	79	SO-CW-HP	0/0	25/21	46/30	32/23	5/4	1/1	
SP7N		11,110	102	55	SO-CW-LP	0/0	4/4	60/28	16/9	22/14	0/0	SP7OGP
SP5AUC		6,942	135	26	SO-CW-LP	20/8	105/11	8/4	1/1	3/2	0/0	
SP6BXM		5,904	78	36	SO-CW-QRP	0/0	25/15	0/0	58/21	0/0	0/0	
SP4GFG		5,776	76	76	SO-CW-QRP	0/0	20/20	26/26	24/24	5/5	1/1	
SP9EMI		2,590	38	37	SO-CW-LP	0/0	1/1	14/14	17/16	8/6	0/0	
SN84LOT		1,764	40	18	SO-CW-LP	0/0	0/0	0/0	43/18	0/0	0/0	
SP3FPF		1,710	39	18	SO-CW-LP	0/0	0/0	0/0	0/0	39/18	0/0	
SP2HMY		949	27	13	SO-CW-LP	0/0	0/0	0/0	28/13	0/0	0/0	
SP9MDY		380	19	20	SO-CW-LP	0/0	1/1	19/19	0/0	0/0	0/0	
SP9ADU		160	8	8	SO-CW-LP	1/1	1/1	4/4	2/2	0/0	0/0	
SP6BEN		120	6	6	SO-CW-LP	0/0	0/0	0/0	2/2	4/4	0/0	
SQ8N		195,510	514	133	SOU-MIX-HP	26/16	54/20	46/26	373/56	13/10	8/5	
SP8N		186,714	570	123	SOU-MIX-LP	0/0	0/0	138/48	405/61	25/11	5/3	
SP9H		166,470	333	186	SOU-MIX-LP	2/2	43/35	56/49	193/64	27/25	13/11	
SNØN		78,538	310	107	SOU-MIX-HP	0/0	33/18	41/17	139/33	89/33	18/6	SQ5M
SP1RKR		43,248	210	102	SOU-MIX-LP	16/15	26/14	60/31	82/23	18/14	8/5	
SP3DOF		42,742	197	86	SOU-MIX-LP	0/0	33/26	65/29	100/30	1/1	0/0	
SP9SDR		41,712	242	88	SOU-MIX-LP	1/1	24/18	151/39	75/29	1/1	0/0	
SP6FXV		34,104	150	87	SOU-MIX-LP	1/1	0/0	37/25	70/40	29/15	14/6	
SP1MWN		29,014	150	89	SOU-MIX-HP	39/24	11/10	35/21	66/30	4/4	0/0	
SP5JSZ		23,744	173	64	SOU-MIX-LP	0/0	5/4	37/20	111/29	18/8	3/3	
SP2DKI		21,148	159	68	SOU-MIX-LP	2/1	20/8	76/24	51/26	8/7	4/2	
SP2WGB		19,923	133	87	SOU-MIX-LP	19/14	37/23	29/19	52/28	4/3	0/0	
SP3QDM		9,256	68	52	SOU-MIX-HP	5/4	4/3	5/4	32/25	16/12	6/4	
SP4GHL		8,722	72	49	SOU-MIX-LP	11/10	2/1	8/7	42/24	3/2	8/5	
SP3CMX		8,195	81	55	SOU-MIX-HP	2/1	26/22	5/3	42/24	3/2	4/3	
SP9FMP		3,774	57	34	SOU-MIX-LP	4/3	3/2	2/1	9/6	35/19	4/3	
SP7AWG		2,698	49	38	SOU-MIX-LP	7/6	6/4	13/12	11/8	5/5	8/3	
SP7TEX		1,272	31	24	SOU-MIX-LP	2/1	2/1	16/12	7/7	3/2	2/1	
SP2GJV		602	25	14	SOU-MIX-HP	2/1	2/1	2/1	14/8	2/1	3/2	
SQ5LTL		391	23	17	SOU-MIX-HP	13/12	2/1	2/1	2/1	2/1	2/1	
SP9LAS		208	12	8	SOU-MIX-LP	2/1	2/1	2/1	6/5	0/0	0/0	
SP8AJK		60	10	6	SOU-MIX-HP	2/1	2/1	2/1	2/1	1/1	1/1	
SQ3HMM		24	6	4	SOU-MIX-LP	1/1	1/1	2/1	0/0	0/0	2/1	

SP6RLK		5	1	1	SOU-MIX-HP	0/0	0/0	0/0	2/1	0/0	0/0	
SN7D		780,054	1,366	223	SOU-PH-HP	47/26	41/28	478/55	747/73	72/30	14/11	
SQ4JEN		222,300	518	190	SOU-PH-LP	29/24	79/35	114/40	240/58	49/23	16/10	
SP5DL		136,367	331	161	SOU-PH-HP	0/0	24/21	68/43	180/66	49/24	14/7	
SP1GA		71,955	261	123	SOU-PH-HP	0/0	19/19	52/38	164/46	30/17	3/3	
SQ1WO		48,360	192	60	SOU-PH-LP	0/0	0/0	0/0	161/45	30/13	2/2	
SP6IXF		33,726	198	73	SOU-PH-HP	0/0	2/2	32/15	125/40	39/12	4/4	
SP3SC		19,521	109	81	SOU-PH-LP	0/0	0/0	18/16	72/47	11/11	9/7	
SQ1BHH		15,776	96	58	SOU-PH-HP	0/0	0/0	28/25	72/33	0/0	0/0	
SQ5PMB		760	22	19	SOU-PH-LP	0/0	0/0	5/5	16/13	1/1	0/0	
SN7Q		2,639,214	2,337	342	SOU-CW-HP	37/36	67/52	843/74	1,067/89	319/65	40/26	SP7GIQ
SP2LNW		1,164,168	1,159	296	SOU-CW-HP	47/31	141/51	285/69	570/89	102/45	16/11	
SN7O		1,009,388	1,208	277	SOU-CW-LP	35/30	159/44	302/63	564/82	124/47	33/11	SP7IVO
SP3A		538,560	832	220	SOU-CW-HP	0/0	100/34	163/59	405/80	172/47	0/0	
SP5Y		271,721	665	163	SOU-CW-LP	0/0	55/29	324/55	277/61	21/18	0/0	
SQ3R		189,515	453	145	SOU-CW-LP	23/17	69/29	119/35	209/50	29/12	4/2	SQ3HMM
SP4W		160,165	591	103	SOU-CW-HP	13/10	23/9	266/27	240/45	58/11	1/1	
SP7LIE		106,586	350	137	SOU-CW-LP	2/2	8/8	93/35	154/59	72/24	27/9	
SP5TT		92,886	258	137	SOU-CW-LP	17/16	38/24	39/29	140/52	21/13	7/3	
SP2FOV		77,088	308	88	SOU-CW-LP	0/0	0/0	28/21	278/62	5/5	0/0	
SP3JUN		9,494	94	47	SOU-CW-LP	0/0	0/0	57/25	35/15	6/6	1/1	
SQ1EUG		5,735	69	37	SOU-CW-LP	0/0	34/9	5/5	29/21	2/2	0/0	
SP1ØØF		4,032	62	56	SOU-CW-LP	0/0	18/18	30/24	10/10	3/3	1/1	SP5SSB
SP2MF		2,484	34	27	SOU-CW-LP	0/0	0/0	22/19	12/8	0/0	0/0	
SN2B		3,261,540	2,523	380	MSHP	37/32	113/55	593/84	1,574/112	215/70	42/27	SP2FAX SP2WKB SP3SLA SQ2GXO
SN8B		1,825,600	1,894	326	MSHP	48/33	139/40	487/79	1,000/92	247/64	25/18	SP8ATI SP8BRQ SP8CUR SP8CUW SP8GQU SP8GWI SP8HZZ SP8TJU SQ8GHY
SN2K		1,254,275	1,485	275	MSHP	58/27	83/32	300/67	833/85	156/46	79/18	SP2FWC SP2IST
SN1D		920,448	1,134	282	MSHP	71/35	73/46	253/54	635/87	82/36	47/24	SP1GZF SP1NY SP1RKT SQ2PHG SQ8J
SP2KPD		538,734	1,149	202	MSHP	55/26	345/46	346/47	368/62	58/18	4/3	SP2AEK SP2IJ SP2MKI
SN7H		229,696	688	148	MSHP	12/12	72/20	174/36	433/61	22/16	3/3	SP7XK SQ7LRT SQ7MZH SQ7OIX SQ7OVR
SO7M		68,502	311	98	MSHP	5/4	57/15	105/24	88/29	50/18	11/8	SP7CVW SP7IIT

3Z1K		53,790	249	110	MSHP	12/12	34/23	108/34	24/9	50/22	24/10	
SP9ZCF		546	22	21	MSHP	7/6	3/3	6/6	7/6	0/0	0/0	SP9CVQ SP9FMP
Romania												
YO8ST		239,202	481	194	SO-MIX-LP	0/0	34/26	67/38	316/76	46/38	24/16	
YO7ARZ		134,402	437	134	SO-MIX-LP	0/0	0/0	104/42	262/56	50/24	25/12	
YO4AAC		123,093	443	141	SO-MIX-LP	12/8	17/12	68/25	231/46	97/36	23/14	
YO4BEX		27,136	218	53	SO-MIX-LP	0/0	0/0	0/0	239/53	0/0	0/0	
YO9BXE		20,640	140	86	SO-MIX-LP	0/0	36/22	14/10	45/25	29/17	20/12	
YO3BA		19,760	136	76	SO-MIX-LP	0/0	18/13	17/11	63/24	39/24	5/4	
YO8BDW		14,732	108	58	SO-MIX-QRP	0/0	12/12	7/7	82/32	8/7	0/0	
YO9IOE		11,880	108	60	SO-MIX-LP	1/1	4/3	27/24	76/31	1/1	0/0	
YO2MNZ		8,208	100	36	SO-MIX-LP	0/0	0/0	0/0	88/27	23/9	0/0	
YO4CSL		7,849	67	47	SO-MIX-HP	0/0	0/0	2/1	47/26	20/15	6/5	
YO9KPD		6,237	125	21	SO-MIX-LP	0/0	8/2	25/5	61/6	26/5	9/3	
YO5TP		6,136	78	52	SO-MIX-LP	5/5	11/10	25/19	12/6	15/8	11/4	
YO4SI		4,140	56	45	SO-MIX-LP	7/5	9/8	17/14	17/12	6/5	1/1	
YO9FEB		3,825	57	25	SO-MIX-LP	0/0	3/1	12/5	23/9	16/7	10/3	
YO4FZX		2,704	74	26	SO-MIX-LP	0/0	0/0	0/0	0/0	0/0	76/26	
YO9CPJ		1,976	38	13	SO-MIX-LP	0/0	0/0	3/2	29/4	11/6	1/1	
YO6GLT		98	4	7	SO-MIX-LP	0/0	0/0	2/2	5/5	0/0	0/0	
YO2GL		85	7	5	SO-MIX-LP	0/0	2/1	1/1	3/2	2/1	0/0	
YO3BY		106,891	401	139	SO-PH-LP	0/0	31/23	46/31	244/45	68/27	25/13	
YO7CJB		48,642	208	121	SO-PH-HP	3/3	40/26	25/20	88/37	50/25	13/10	
YO6GUU		39,060	200	93	SO-PH-LP	0/0	5/5	22/20	105/36	54/23	22/9	
YO8SBR		27,450	204	61	SO-PH-LP	0/0	0/0	1/1	176/45	6/5	23/10	
YO7LPZ		17,024	128	64	SO-PH-LP	0/0	2/2	45/29	66/23	23/10	0/0	
YO7LDT		15,768	112	73	SO-PH-LP	0/0	16/14	26/20	55/24	16/12	3/3	
YO2LXW		11,799	99	69	SO-PH-LP	5/5	17/15	19/16	47/23	7/5	6/5	
YO4BXX		3,397	59	43	SO-PH-LP	3/3	11/9	15/14	17/11	7/4	6/2	
YO9HRB		2,838	48	33	SO-PH-LP	0/0	0/0	16/15	32/14	5/4	0/0	
YO2KBB		2,360	56	20	SO-PH-LP	0/0	0/0	0/0	58/20	0/0	0/0	YO2LFP
YO2MKK		1,380	33	20	SO-PH-LP	0/0	5/5	0/0	4/2	26/13	0/0	
YO9BNP		1,120	26	14	SO-PH-LP	0/0	0/0	3/3	14/7	11/4	0/0	
YO7FEY		925	27	25	SO-PH-LP	11/10	0/0	16/15	0/0	0/0	0/0	
YO3FF		87,720	320	129	SO-CW-HP	0/0	30/19	19/16	163/42	85/38	30/14	
YO6HSU		86,940	294	138	SO-CW-LP	12/12	14/10	45/27	138/46	78/37	9/6	

YO2CJX		64,528	280	109	SO-CW-LP	0/0	67/29	50/28	103/26	50/19	20/7	
YO5OAC		48,984	272	78	SO-CW-LP	0/0	0/0	76/24	152/35	51/16	6/3	
YO2QY		41,584	180	92	SO-CW-LP	0/0	9/9	44/30	104/40	5/3	28/10	
YO9HG		17,538	137	74	SO-CW-LP	0/0	26/17	37/19	1/1	47/20	26/17	
YO7AWZ		13,002	107	66	SO-CW-LP	25/21	62/28	0/0	11/7	12/10	0/0	
YO7LYM		12,513	137	43	SO-CW-LP	0/0	4/3	59/14	75/15	9/7	9/4	
YO4MM		10,178	118	38	SO-CW-LP	0/0	0/0	0/0	0/0	0/0	0/0	
YO2LDU		5,474	63	46	SO-CW-LP	2/2	0/0	19/17	25/16	18/11	0/0	
YO7NE		1,386	31	22	SO-CW-LP	0/0	0/0	0/0	0/0	34/22	0/0	
YO9AGI		120,888	428	138	SOU-MIX-LP	7/7	123/30	146/41	45/17	99/32	16/11	
YO6MT		110,208	404	112	SOU-MIX-LP	0/0	0/0	91/31	214/45	87/26	16/10	
YO4AR		57,420	298	99	SOU-MIX-LP	0/0	27/15	125/35	121/30	37/17	3/2	
YO2DFA		49,610	210	121	SOU-MIX-HP	19/14	23/17	38/28	54/29	40/20	39/13	
YO7ARY		49,350	274	105	SOU-MIX-LP	12/9	43/22	56/26	158/42	8/6	0/0	
YO6FGZ		29,939	285	47	SOU-MIX-HP	0/0	0/0	301/47	0/0	0/0	0/0	
YP8A		25	5	5	SOU-MIX-HP	0/0	1/1	0/0	1/1	2/2	1/1	
YR8Y		8	2	4	SOU-MIX-HP	0/0	0/0	0/0	0/0	2/2	2/2	
YP7A		464,183	893	229	SOU-PH-LP	13/13	36/30	102/46	523/69	153/46	88/25	YO7SR
YO2LSP		1,728	36	27	SOU-PH-LP	0/0	0/0	37/27	0/0	0/0	0/0	
YO6OEK		689	25	13	SOU-PH-LP	0/0	0/0	0/0	0/0	27/13	0/0	
YO3FRI		666,405	1,033	251	SOU-CW-HP	17/15	105/36	244/56	446/71	176/52	54/21	
YR32A		448,560	706	252	SOU-CW-HP	32/25	166/50	215/66	164/57	100/39	39/15	YO8AXP
YO3CVG		27,090	153	86	SOU-CW-LP	0/0	0/0	54/27	54/25	40/23	11/11	
YO6DBL		25,272	165	72	SOU-CW-LP	0/0	22/15	21/8	96/36	34/13	0/0	
YO8KRR		492,375	1,101	195	MSHP	65/25	118/31	187/39	679/57	113/34	14/9	YO8SS YO8SSB
YO4KAK		58,650	272	115	MSHP	6/6	6/6	33/15	138/43	66/29	27/16	YO4BYW YO4GNJ
Sardinia												
ISØHJQ		27,720	215	72	SO-PH-LP	0/0	9/9	9/3	42/16	104/24	60/20	
Serbia												
YT9M		484,250	1,152	149	SO-MIX-HP	0/0	67/26	71/32	701/48	241/32	80/11	
YU1AHW		320,940	797	180	SO-MIX-HP	0/0	128/33	167/43	295/54	156/30	57/20	YT2TA
YU1LM		170,328	508	141	SO-MIX-QRP	2/2	54/21	109/37	228/43	93/26	30/12	YU1LM QRP
YU1ED		50,336	256	104	SO-MIX-LP	7/6	57/20	81/28	62/27	35/13	15/10	
YU3EEA		14,664	207	24	SO-MIX-LP	0/0	0/0	0/0	217/24	0/0	0/0	
YT1RK		6,847	91	41	SO-PH-HP	0/0	0/0	0/0	91/41	0/0	0/0	

YT1XN	1,425	37	25	SO-PH-LP	0/0	0/0	37/25	0/0	0/0	0/0	
YU1TY	83,700	285	124	SO-CW-LP	0/0	38/22	46/25	130/44	48/19	33/14	
YU5C	73,138	401	58	SO-CW-LP	0/0	0/0	0/0	408/58	0/0	0/0	
YU5T	66,470	346	85	SO-CW-LP	0/0	101/34	251/51	0/0	0/0	0/0	
YU1WAT	2,064	39	16	SO-CW-LP	0/0	0/0	0/0	40/16	0/0	0/0	
YTØI	396	17	12	SO-CW-LP	0/0	0/0	0/0	18/12	0/0	0/0	
YT5A	2,191,860	2,330	330	SOU-MIX-HP	38/31	117/51	270/59	1,167/81	671/70	119/38	YT3W
YT2AAA	927,220	1,442	259	SOU-MIX-LP	51/28	171/36	291/55	669/82	190/40	75/18	
YU2A	745,506	1,112	249	SOU-MIX-LP	34/19	59/36	335/71	460/63	127/40	107/20	
YU1RA	133,086	597	82	SOU-MIX-LP	0/0	28/14	519/54	0/0	42/9	11/5	
YT5L	121,905	429	135	SOU-MIX-HP	0/0	65/32	124/44	56/21	100/23	97/15	
YU1UO	76,260	311	124	SOU-MIX-LP	0/0	29/19	132/42	98/36	46/21	11/6	
YT3EW	45,792	200	106	SOU-MIX-LP	1/1	1/1	28/25	105/45	44/23	22/11	
YT2T	36,540	224	87	SOU-MIX-QRP	0/0	3/2	71/28	90/27	50/23	12/7	
YU8NU	24,549	199	49	SOU-MIX-LP	3/2	2/1	20/7	108/23	42/10	29/6	
YT2U	3,939	57	39	SOU-MIX-LP	4/3	14/12	14/10	2/1	13/7	11/6	
YT3H	56	8	7	SOU-MIX-LP	0/0	0/0	1/1	4/4	2/1	1/1	
YT5IVN	307,695	617	219	SOU-PH-LP	22/19	67/32	120/47	254/66	112/40	50/15	
Z68PM	14,400	113	64	SOU-PH-LP	0/0	0/0	54/28	25/14	24/16	14/6	
YT7E	10,647	113	39	SOU-PH-LP	0/0	0/0	0/0	114/39	0/0	0/0	
YT7R	1,012,420	1,506	227	SOU-CW-HP	31/15	138/30	394/52	673/64	225/45	57/21	YU7BW
YU7KW	439,875	817	207	SOU-CW-HP	0/0	151/37	207/50	319/63	104/41	39/16	
YU1UN	106,760	608	68	SOU-CW-HP	0/0	0/0	0/0	614/68	0/0	0/0	
YT5N	66,132	272	99	SOU-CW-LP	0/0	39/20	66/27	110/32	58/18	5/2	
YT2RX	54,513	279	81	SOU-CW-LP	0/0	0/0	107/31	130/28	43/19	7/3	
YT7KM	3,920	72	28	SOU-CW-LP	0/0	36/14	35/13	0/0	1/1	0/0	
YU3VIP	608	20	16	SOU-CW-QRP	0/0	0/0	0/0	21/16	0/0	0/0	
Slovak Republic											
OM3PA	92,990	291	170	SO-MIX-HP	26/21	45/29	38/27	98/45	53/27	34/21	
OM8MF	57,021	245	83	SO-MIX-LP	0/0	0/0	0/0	203/52	38/24	9/7	
OM7AT	48,268	283	89	SO-MIX-LP	0/0	0/0	0/0	0/0	0/0	0/0	
OM2AAZ	9,460	111	44	SO-MIX-LP	0/0	0/0	113/44	0/0	0/0	0/0	
OM4M	99,495	329	135	SO-PH-HP	0/0	44/26	56/35	170/43	45/22	19/9	
OM4MO	7,874	67	62	SO-PH-LP	0/0	23/22	27/27	19/13	0/0	0/0	
OM8ST	108	10	9	SO-PH-LP	0/0	0/0	9/8	1/1	0/0	0/0	
OM8ON	243,724	491	172	SO-CW-LP	0/0	50/24	95/45	222/60	96/36	30/7	

OM7JG	174,432	446	158	SO-CW-LP	10/9	64/29	128/44	146/37	65/29	36/10	
OM3BA	68,556	263	116	SO-CW-LP	0/0	55/29	57/35	135/40	20/12	0/0	
OM7AG	62,858	287	106	SO-CW-LP	31/16	54/21	58/16	125/37	21/13	3/3	
OM3CDN	27,795	193	85	SO-CW-LP	0/0	82/30	67/29	29/17	19/9	0/0	
OM7PY	13,098	118	59	SO-CW-LP	0/0	0/0	79/34	44/25	0/0	0/0	
OM5NA	3,780	59	28	SO-CW-LP	0/0	0/0	0/0	60/27	0/0	1/1	
OM7LW	551,551	831	209	SOU-CW-LP	11/11	114/38	174/58	513/79	22/16	8/7	
OM8LA	61,184	302	64	SOU-CW-HP	0/0	0/0	0/0	306/64	0/0	0/0	
OM3WZ	14,504	116	74	SOU-CW-QRP	0/0	39/25	41/24	34/19	4/3	3/3	
OM6H	67,596	262	129	MSHP	2/2	48/30	51/32	115/38	36/19	19/8	OM6AT OM7ANT
Slovenia											
S53EO	577,536	1,176	192	SO-MIX-HP	0/0	81/31	283/38	740/69	62/39	21/15	
S51I	36,504	171	104	SO-MIX-LP	0/0	20/19	57/33	63/30	29/17	8/5	
S51UN	9,724	83	52	SO-MIX-QRP	0/0	0/0	22/15	46/21	12/8	11/8	
S56WYB	113,025	345	137	SO-PH-LP	0/0	33/23	77/31	176/50	54/26	9/7	
S56AX	18,920	114	86	SO-PH-LP	0/0	18/16	39/32	46/27	10/8	3/3	
S57PEA	2,600	50	52	SO-PH-LP	3/3	12/12	20/20	13/13	3/3	1/1	
S57K	1,874,459	2,229	277	SO-CW-HP	53/26	175/34	548/57	1,038/75	336/60	95/25	
S53A	1,860,480	1,920	285	SO-CW-HP	16/16	97/38	474/65	924/79	380/64	54/23	
S53AR	116,654	371	146	SO-CW-QRP	18/18	64/30	97/35	147/34	36/19	20/10	
S58KA	77,539	335	77	SO-CW-LP	0/0	0/0	1/1	288/45	50/22	12/9	
S52WD	55,575	221	95	SO-CW-LP	0/0	0/0	71/36	128/38	24/18	4/3	
S57XZ	4,725	63	45	SO-CW-QRP	1/1	5/4	8/8	39/23	7/7	3/2	
S57TX	1,334	22	23	SO-CW-LP	0/0	0/0	6/5	15/9	8/8	1/1	
S52NR	791,224	1,428	199	SOU-MIX-LP	15/10	46/21	372/48	856/68	155/40	20/12	
S58Q	74,015	303	113	SOU-MIX-LP	3/2	42/18	97/39	124/35	38/18	1/1	
S57S	33,306	216	61	SOU-MIX-HP	5/4	6/5	7/6	182/34	9/7	9/5	
S53NW	31,500	160	90	SOU-MIX-LP	1/1	13/13	44/27	78/30	26/17	2/2	
S51RU	21,840	119	80	SOU-MIX-QRP	1/1	16/14	17/15	52/30	26/13	13/7	
S52QM	20,054	125	74	SOU-MIX-HP	6/5	4/2	39/22	36/19	28/17	13/9	
S54X	9,918	100	57	SOU-MIX-LP	2/1	2/1	39/23	31/16	20/11	7/5	
S52ZD	8,700	74	30	SOU-MIX-LP	0/0	0/0	0/0	82/30	0/0	0/0	
S51NM	7,293	77	39	SOU-MIX-HP	0/0	6/4	11/8	53/21	5/4	3/2	
S54ZZ	797,720	1,222	245	SOU-PH-HP	51/30	121/39	369/56	604/71	74/35	22/14	
S51DD	107,822	318	143	SOU-PH-LP	0/0	15/14	90/43	166/46	51/28	18/12	
S53GO	62,172	217	132	SOU-PH-HP	0/0	26/23	33/31	113/48	30/21	16/9	

S55MZ	7,242	76	51	SOU-PH-LP	0/0	0/0	32/22	40/24	0/0	6/5	
S56A	668,943	839	261	SOU-CW-LP	22/22	62/38	239/71	420/83	94/36	13/11	
S51MF	103,782	238	147	SOU-CW-LP	7/7	23/22	70/38	83/43	42/25	18/12	
S57X	88,578	296	133	SOU-CW-LP	1/1	41/29	164/51	70/35	17/14	3/3	
S51DX	83,514	456	93	SOU-CW-HP	2/2	48/19	269/24	98/21	28/19	17/8	
S51KD	74,340	222	105	SOU-CW-LP	3/3	14/12	58/33	126/41	13/8	11/8	
S59T	1,560	34	20	MSHP	0/0	0/0	0/0	14/7	14/10	6/3	
Switzerland											
HB9DHZ	133	9	7	SO-MIX-LP	0/0	0/0	0/0	7/5	0/0	2/2	
HB9GKM	70	9	10	SO-MIX-LP	0/0	0/0	8/8	2/2	0/0	0/0	
HB9EGA	44,800	208	100	SO-PH-QRP	0/0	7/7	35/23	117/43	37/18	14/9	
HB9MXY	33,216	168	96	SO-PH-LP	0/0	11/11	45/31	79/31	27/18	6/5	
HB9RUD	2,464	48	44	SO-PH-LP	0/0	3/3	16/16	13/12	11/8	5/5	
HB9PVI	864	30	18	SO-PH-LP	0/0	0/0	2/2	28/15	0/0	1/1	
HB9ARF	260,205	725	165	SO-CW-LP	14/11	95/28	280/37	249/47	74/30	16/12	
HB9IRF	19,050	128	75	SO-CW-LP	0/0	26/19	62/28	29/14	12/11	3/3	
HB9CPS	6,592	86	32	SO-CW-LP	0/0	0/0	16/8	50/14	15/5	7/5	
HB9AYZ	5,610	70	51	SO-CW-QRP	0/0	10/10	21/17	34/17	6/6	1/1	
HB9EXR	1,148	34	14	SO-CW-QRP	0/0	0/0	0/0	34/14	0/0	0/0	
HB9GKP	13,056	100	68	SOU-MIX-LP	0/0	1/1	38/26	40/21	21/19	1/1	
HB9DHG	405,720	824	196	SOU-CW-HP	40/17	111/41	192/52	444/57	55/24	5/5	
HB9DQL	105,105	299	147	SOU-CW-HP	0/0	28/19	69/35	139/55	55/28	14/10	
HB9FKK	16,120	126	65	SOU-CW-LP	0/0	13/11	92/38	16/11	4/4	1/1	IK1PMR
HB9CRV	4,680	64	45	SOU-CW-LP	0/0	3/3	17/14	35/19	11/9	0/0	
HB2U	577,996	1,060	229	MSHP	15/14	116/32	316/51	508/82	98/37	28/13	
HB2C	115,370	378	139	MSHP	0/0	49/24	119/42	180/53	38/20	0/0	HB3YSI HB3YUX HB9ENM
HB9ZZ	94,170	306	129	MSHP	0/0	0/0	51/34	206/64	34/24	17/7	HB9EVC HB9EXQ
Western Sahara											
SØNHT	29,120	128	80	SO-PH-LP	0/0	0/0	0/0	70/38	34/22	27/20	
Call	Score	QSOs	Mults	Category	160	80	40	20	15	10	Operator(s) and/or Host
Zone 29											
Armenia											
EK4JJ	13,662	81	54	SO-CW-LP	0/0	0/0	13/5	43/23	21/19	7/7	

Azerbaijan											
4K9W	15,532	115	44	SO-CW-LP	0/0	0/0	0/0	69/24	49/20	0/0	
Belarus											
EW6M	190,992	478	138	SO-MIX-LP	12/9	60/29	128/40	279/52	13/8	0/0	
EU4AX	153,897	339	129	SO-MIX-LP	0/0	47/22	64/31	166/45	59/24	10/7	
EW8G	101,200	352	110	SO-MIX-LP	0/0	25/14	60/27	235/47	31/15	8/7	
EW1EA	84,993	329	123	SO-MIX-HP	0/0	73/33	114/34	80/33	62/22	1/1	
EV95ØO	84,802	336	109	SO-MIX-LP	2/2	46/19	70/27	204/42	23/14	7/5	
EW6AF	8,512	100	32	SO-MIX-LP	0/0	0/0	0/0	0/0	101/32	0/0	
EW7BA	61,944	236	116	SO-PH-LP	0/0	15/15	76/34	111/40	28/16	12/11	
EW8LM	61,875	245	99	SO-PH-LP	0/0	8/8	34/20	171/45	34/18	9/8	
EW4R/P	14,145	133	41	SO-PH-LP	0/0	0/0	0/0	135/41	0/0	0/0	
EU6DX	513,635	891	215	SO-CW-LP	27/21	140/38	253/57	408/65	52/25	11/9	
EU1AA	257,792	558	152	SO-CW-LP	13/10	41/17	103/35	313/59	85/27	10/4	
EW6EN	245,323	555	167	SO-CW-HP	0/0	58/26	129/42	304/66	57/26	17/7	
EW1TO	186,600	528	150	SO-CW-LP	17/14	170/35	65/28	190/40	84/26	11/7	
EW3LN	160,740	444	141	SO-CW-HP	35/20	75/15	176/43	123/41	34/17	7/5	
EU8R	123,664	400	131	SO-CW-LP	0/0	104/32	105/34	130/36	71/25	4/4	
EW8NB	76,255	317	101	SO-CW-LP	0/0	15/14	151/37	134/40	16/9	1/1	
EU1FQ	52,233	223	69	SO-CW-LP	0/0	0/0	0/0	232/69	0/0	0/0	
EW2ES	40,851	283	51	SO-CW-LP	0/0	0/0	0/0	287/51	0/0	0/0	
EU4U	31,734	308	41	SO-CW-LP	0/0	0/0	0/0	313/41	0/0	0/0	
EW3W	25,212	160	66	SO-CW-LP	0/0	0/0	61/22	95/33	11/8	3/3	
EW1P	239,054	563	178	SOU-MIX-LP	0/0	55/35	125/46	311/61	53/25	23/11	
EW7M	41,902	167	82	SOU-MIX-HP	0/0	0/0	6/5	109/40	40/27	12/10	
EW6W	1,350,576	1,618	249	SOU-PH-HP	26/19	67/36	276/58	1,127/93	152/36	7/7	
EW8OM	337,925	719	175	SOU-CW-HP	0/0	42/28	215/51	404/66	56/21	14/9	
EU1U	202,950	442	165	SOU-CW-LP	0/0	22/17	75/34	244/62	84/38	21/14	
EV6Z	182,495	599	113	SOU-CW-LP	0/0	9/6	179/31	387/56	38/19	1/1	
EW6F	151,292	602	109	SOU-CW-LP	1/1	173/29	182/29	222/36	28/12	2/2	EW6GF
EU4T	89,286	255	138	SOU-CW-LP	23/21	37/27	73/34	119/49	0/0	13/7	
EU8A	30,800	163	80	SOU-CW-LP	60/22	48/19	15/12	43/18	9/7	2/2	
EW2WW	3,312	54	46	MSHP	0/0	0/0	16/13	25/19	11/11	3/3	EU2TT EW2EO
Estonia											

ES8SX	1,332	36	37	SO-PH-LP	0/0	0/0	15/15	19/19	3/3	0/0
ES8AS	3	0	0	SO-PH-LP	0/0	0/0	0/0	0/0	0/0	0/0
ES4MM	9,417	81	73	SO-CW-LP	0/0	13/13	31/26	25/21	10/9	4/4
ES1BH	6,237	75	33	SOU-MIX-HP	0/0	0/0	23/11	58/22	0/0	0/0
ES5RW	1,974,652	2,183	284	SOU-PH-HP	42/28	107/33	451/69	1,454/97	155/49	8/8
European Russia										
R2AA	3,490,245	3,251	363	SO-MIX-HP	125/38	223/52	620/71	1,594/98	571/76	159/28
RA7A	1,028,874	1,559	238	SO-MIX-HP	40/25	52/22	127/42	776/67	369/53	241/29
RV3FF	988,298	1,513	226	SO-MIX-HP	66/28	191/40	321/56	897/72	59/30	0/0
RL4F	784,323	1,353	207	SO-MIX-HP	0/0	138/30	318/54	731/63	130/43	49/17
RD4F	265,005	753	135	SO-MIX-HP	12/9	0/0	16/10	539/59	164/44	32/13
UA4PAQ	168,969	493	151	SO-MIX-HP	17/12	52/23	145/37	249/53	55/22	4/4
RK3AW	139,200	572	87	SO-MIX-HP	0/0	0/0	101/14	464/60	1/1	14/12
RG3P	118,524	552	102	SO-MIX-LP	63/20	184/28	311/54	0/0	0/0	0/0
RA3SI	95,496	294	138	SO-MIX-LP	6/6	21/16	46/30	173/50	54/32	4/4
RQ6M	58,007	447	43	SO-MIX-HP	0/0	0/0	0/0	457/43	0/0	0/0
RA3RLJ	57,040	301	80	SO-MIX-LP	0/0	24/8	21/9	225/44	25/13	7/6
RA3YDA	48,124	206	106	SO-MIX-LP	0/0	0/0	34/24	104/45	45/24	24/13
UA6HLN	44,376	194	86	SO-MIX-LP	0/0	0/0	66/31	88/33	44/22	0/0
RV3YR	43,520	436	34	SO-MIX-HP	0/0	0/0	0/0	449/34	0/0	0/0
UA4AAC	36,288	202	84	SO-MIX-HP	0/0	0/0	84/28	76/31	38/18	8/7
RW3YB	34,560	180	90	SO-MIX-LP	0/0	10/10	48/29	104/33	17/13	5/5
R9PA/4	29,950	237	50	SO-MIX-LP	0/0	0/0	0/0	197/31	50/19	0/0
RK8O/4	16,650	154	45	SO-MIX-LP	0/0	0/0	0/0	141/31	19/14	0/0
RZ3TZZ	14,899	137	47	SO-MIX-LP	0/0	0/0	0/0	115/32	22/15	0/0
RU5TT	14,364	148	42	SO-MIX-LP	0/0	0/0	11/8	138/34	0/0	0/0
RK3RX	12,985	105	49	SO-MIX-LP	0/0	0/0	28/18	82/31	0/0	0/0
RO5I	12,210	84	55	SO-MIX-LP	0/0	0/0	17/16	68/39	0/0	0/0
RN3T	12,204	102	54	SO-MIX-LP	0/0	0/0	18/11	69/27	10/8	9/8
UA3TW	12,198	112	57	SO-MIX-LP	0/0	0/0	31/21	60/21	14/9	8/6
RC6AA	9,196	98	38	SO-MIX-HP	0/0	0/0	8/7	91/31	0/0	0/0
RU4AA	8,670	111	34	SO-MIX-LP	8/5	26/6	54/11	27/12	0/0	0/0
R2AHS	8,358	89	42	SO-MIX-LP	0/0	0/0	30/15	59/27	0/0	0/0
UF4M	5,510	94	29	SO-MIX-LP	0/0	0/0	8/5	84/21	3/3	0/0
RA7KO	5,029	63	47	SO-MIX-LP	0/0	0/0	12/11	10/9	28/16	16/11
RA4L	3,510	64	27	SO-MIX-LP	0/0	0/0	1/1	62/22	4/4	0/0

R2AHH		1,656	32	23	SO-MIX-LP	0/0	0/0	4/4	23/14	4/4	2/1	
RA4UAT		1,120	22	20	SO-MIX-LP	0/0	0/0	0/0	24/20	0/0	0/0	
UB5MBA		912	29	16	SO-MIX-LP	0/0	0/0	0/0	31/16	0/0	0/0	
RN6L		870	34	15	SO-MIX-HP	0/0	0/0	0/0	0/0	0/0	34/15	
RW7M		654,080	1,090	224	SO-PH-LP	15/12	31/27	181/48	615/64	178/48	80/25	
R3GZ		254,277	551	171	SO-PH-HP	11/10	31/18	130/35	317/67	72/32	10/9	
R1255F		247,170	580	165	SO-PH-LP	0/0	41/25	114/43	376/66	45/24	9/7	UF2F
UA3BL		230,594	529	182	SO-PH-LP	29/20	92/32	105/41	262/58	39/23	9/8	
RA3DAD		92,496	290	141	SO-PH-LP	0/0	14/12	52/34	170/56	46/31	8/8	
RD1AH		91,130	293	130	SO-PH-HP	8/8	27/23	90/38	157/49	17/12	0/0	
R2SAZ		77,625	243	135	SO-PH-LP	8/7	17/16	47/31	126/47	50/33	1/1	
RA6LIS		70,851	249	113	SO-PH-LP	0/0	0/0	52/34	152/51	49/28	0/0	
R3RZ		62,648	282	82	SO-PH-HP	0/0	0/0	0/0	244/50	43/29	3/3	
UA4AVN		42,940	217	76	SO-PH-LP	0/0	0/0	0/0	192/51	17/16	9/9	
R6DBT		36,177	177	93	SO-PH-LP	0/0	0/0	74/37	85/40	24/16	0/0	
RA3OA		27,028	168	58	SO-PH-HP	0/0	16/12	3/3	132/26	18/7	14/10	
R2GB		24,768	140	86	SO-PH-HP	0/0	8/7	38/27	82/39	11/10	3/3	
R2EL		17,520	122	73	SO-PH-LP	0/0	1/1	52/29	46/22	20/14	7/7	
UA3Y CZ		16,800	116	70	SO-PH-LP	2/2	6/5	29/20	73/35	9/7	1/1	
RK3AVO		15,150	102	75	SO-PH-LP	6/6	22/20	48/26	29/18	5/5	0/0	
R2ACL		14,364	110	57	SO-PH-LP	0/0	2/2	34/25	77/30	0/0	0/0	
R2AL		13,608	96	63	SO-PH-LP	0/0	0/0	25/18	56/29	11/11	5/5	
R1BBL		12,768	96	56	SO-PH-LP	0/0	0/0	32/21	62/32	3/3	0/0	
RW3ZA		5,700	62	38	SO-PH-LP	0/0	0/0	2/2	35/19	25/16	1/1	
R1BAC		4,171	49	43	SO-PH-LP	0/0	1/1	15/15	34/24	3/3	0/0	
RZ3DOT		3,255	39	21	SO-PH-LP	0/0	4/4	0/0	34/16	1/1	0/0	
R4PCI		2,862	48	27	SO-PH-LP	0/0	0/0	0/0	49/27	0/0	0/0	
RC7LI		2,376	34	27	SO-PH-LP	0/0	0/0	3/3	20/14	7/6	4/4	
RZ3ARO/6		700	22	14	SO-PH-QRP	0/0	0/0	0/0	21/10	4/4	0/0	
UF6VO		532	20	14	SO-PH-HP	0/0	0/0	0/0	24/14	0/0	0/0	
UB6LPZ		517	19	11	SO-PH-LP	0/0	0/0	0/0	22/11	0/0	0/0	
RA3XGY		310	15	10	SO-PH-LP	0/0	0/0	3/3	12/7	0/0	0/0	
R3UBH		234	12	9	SO-PH-LP	0/0	0/0	3/3	9/6	0/0	0/0	
RG6G		2,884,264	2,702	347	SO-CW-HP	70/33	137/48	511/69	1,261/90	530/74	222/33	
R3ZZ		2,354,354	2,090	349	SO-CW-HP	34/27	152/45	372/74	920/97	466/76	163/30	
RM1T		750,872	1,406	188	SO-CW-HP	26/14	90/16	311/50	911/75	67/25	11/8	R1TE
RA3NC		654,895	1,035	227	SO-CW-HP	46/25	149/39	202/55	567/75	74/27	6/6	

RG5A/6		467,568	876	204	SO-CW-LP	14/13	41/26	257/56	471/65	80/29	25/15	
RM6Y		389,150	846	181	SO-CW-HP	8/8	110/24	142/40	489/66	89/33	13/10	
RT7C		308,940	648	190	SO-CW-LP	0/0	60/29	155/41	343/69	72/33	27/18	
UA3ABJ		251,920	680	134	SO-CW-LP	0/0	49/22	93/29	484/59	46/16	18/8	
UA6LCJ		243,024	594	166	SO-CW-LP	0/0	57/20	79/27	304/54	100/38	58/27	
RM7M		226,944	572	144	SO-CW-LP	0/0	0/0	59/27	336/58	131/44	53/15	
RW5CW		226,366	548	161	SO-CW-LP	0/0	128/39	102/34	235/56	77/26	9/6	
R7MT		194,166	502	161	SO-CW-LP	13/9	29/18	107/36	271/53	56/28	30/17	
RA3VX		167,229	441	153	SO-CW-LP	6/6	71/32	233/52	134/59	4/4	0/0	
R3AQ		159,408	370	164	SO-CW-LP	9/7	31/25	84/36	221/67	26/22	7/7	
RW3X		158,184	520	117	SO-CW-LP	3/1	73/23	106/27	248/43	102/17	7/6	
RW3YA		154,368	468	128	SO-CW-HP	0/0	13/12	99/33	304/57	65/25	1/1	
RO5O		150,912	489	128	SO-CW-LP	0/0	84/30	146/34	154/37	59/13	59/14	
UA6AKD		150,744	486	132	SO-CW-LP	0/0	111/29	147/38	166/41	74/24	0/0	
R3FC		149,940	400	147	SO-CW-HP	21/18	0/0	129/48	220/58	28/16	7/7	
UA6YH		129,310	327	134	SO-CW-LP	0/0	0/0	0/0	205/68	58/42	65/24	
UA6ARR		122,220	566	70	SO-CW-LP	0/0	0/0	0/0	581/70	0/0	0/0	
RN4SC		119,472	388	131	SO-CW-LP	0/0	59/26	72/29	209/52	53/24	0/0	
UA6HFI		118,950	369	150	SO-CW-LP	8/7	45/24	104/37	156/45	44/24	16/13	
R6AJ		112,812	527	84	SO-CW-LP	0/0	0/0	153/17	249/34	95/14	66/19	
RX3VF		96,679	337	121	SO-CW-LP	0/0	30/22	99/35	170/39	35/19	6/6	
UA3PI		94,430	277	142	SO-CW-LP	5/4	45/24	108/49	123/45	18/14	9/6	
UA3UAD		84,240	276	108	SO-CW-LP	0/0	0/0	60/31	190/59	23/13	5/5	
RV3MR		80,826	311	114	SO-CW-LP	11/8	57/29	91/30	147/37	14/9	2/1	
RQ4C		79,378	387	86	SO-CW-LP	0/0	71/15	79/32	240/37	1/1	1/1	
RZ1AWT		78,312	309	104	SO-CW-HP	0/0	1/1	46/28	160/44	82/21	27/10	UA1AAF
RW4F		71,568	253	112	SO-CW-LP	0/0	0/0	85/36	128/49	38/23	4/4	
UG3G		70,752	274	88	SO-CW-LP	0/0	0/0	59/29	173/37	44/22	0/0	
RN4NF		70,594	217	94	SO-CW-HP	0/0	0/0	16/15	178/63	27/16	0/0	
RU3WR		67,877	271	103	SO-CW-LP	0/0	37/14	73/33	125/35	35/14	11/7	
RM5W		56,595	219	105	SO-CW-LP	0/0	36/15	57/29	98/41	20/15	9/5	
R7RAG		53,535	277	83	SO-CW-QRP	0/0	0/0	45/17	149/34	72/22	19/10	
RA6FUZ		52,038	173	98	SO-CW-LP	0/0	0/0	31/26	120/54	13/11	9/7	
UI7C		48,067	267	71	SO-CW-HP	4/3	0/0	7/7	228/36	25/17	9/8	
RX3AGQ		45,315	185	95	SO-CW-LP	0/0	7/6	63/29	86/38	26/17	5/5	
UA4QK		42,886	189	82	SO-CW-LP	0/0	0/0	3/3	149/57	39/22	0/0	
R3THA		41,712	196	88	SO-CW-LP	0/0	0/0	33/19	114/40	44/24	6/5	

R7AC		38,994	224	67	SO-CW-LP	0/0	0/0	0/0	206/45	32/21	1/1	
RU6DX		38,068	174	62	SO-CW-HP	0/0	0/0	0/0	174/62	0/0	0/0	
RV3TG		33,366	166	83	SO-CW-HP	0/0	0/0	59/32	89/36	19/15	0/0	
UA1QBE		32,637	195	69	SO-CW-HP	0/0	6/6	61/26	130/36	1/1	0/0	
UA3UBT		27,404	142	62	SO-CW-LP	0/0	0/0	0/0	146/62	0/0	0/0	
RV3PN		26,973	125	111	SO-CW-LP	0/0	21/18	39/36	48/41	13/11	6/5	
UA3PP		26,466	185	66	SO-CW-QRP	0/0	17/8	13/11	129/32	22/10	5/5	
RA3QH		21,386	133	74	SO-CW-LP	0/0	23/12	25/16	69/31	23/15	0/0	
RA3DGH		20,468	131	68	SO-CW-LP	0/0	0/0	27/20	70/28	31/14	6/6	
RW3AI		20,242	147	58	SO-CW-QRP	0/0	0/0	22/18	119/31	7/7	2/2	
UA3KW		17,344	118	32	SO-CW-HP	0/0	0/0	0/0	122/32	0/0	0/0	
RW4CLF		14,760	122	45	SO-CW-LP	0/0	0/0	22/16	102/28	1/1	0/0	
RV3DBK		14,421	129	57	SO-CW-QRP	0/0	0/0	68/27	51/22	13/8	0/0	
RN3AAB		11,842	93	62	SO-CW-LP	3/3	25/14	36/22	30/22	0/0	1/1	
UA3YDI		10,374	108	57	SO-CW-LP	12/9	43/23	55/25	0/0	0/0	0/0	
R1QE		8,610	100	35	SO-CW-LP	0/0	0/0	0/0	62/22	29/10	10/3	
RW4CR		8,350	75	50	SO-CW-LP	0/0	7/3	20/11	22/13	22/19	5/4	
RV3VR		7,525	77	43	SO-CW-LP	0/0	2/2	44/21	31/18	4/2	0/0	
UA3DSS		7,480	78	44	SO-CW-LP	9/7	0/0	10/7	51/25	10/5	0/0	
RT3W		5,328	50	37	SO-CW-LP	0/0	0/0	15/13	34/23	1/1	0/0	
RA6YJ		5,278	62	29	SO-CW-LP	0/0	0/0	5/2	48/20	6/4	6/3	
RA3XEV		4,416	68	32	SO-CW-QRP	0/0	0/0	0/0	68/32	0/0	0/0	
UA6AK		3,375	61	27	SO-CW-HP	0/0	0/0	52/18	0/0	0/0	9/9	
R2OM		2,990	48	23	SO-CW-LP	0/0	0/0	0/0	56/23	0/0	0/0	
UA4UAR		2,916	54	27	SO-CW-LP	0/0	0/0	35/13	19/14	0/0	0/0	
RW1M		2,070	39	18	SO-CW-LP	0/0	0/0	0/0	41/18	0/0	0/0	
RK3DSW		1,843	43	19	SO-CW-LP	0/0	0/0	0/0	0/0	41/15	5/4	
UA3DCE		1,702	36	37	SO-CW-LP	0/0	3/3	10/10	22/22	2/2	0/0	
RX1AG		1,387	23	19	SO-CW-LP	0/0	0/0	5/5	19/14	0/0	0/0	
UA6JQ		504	16	18	SO-CW-HP	13/13	0/0	0/0	5/5	0/0	0/0	
R6LAQ		360	16	15	SO-CW-LP	3/3	1/1	12/11	0/0	0/0	0/0	
RZ6AK		279	13	9	SO-CW-HP	0/0	0/0	0/0	14/9	0/0	0/0	
UA3VLO		220	18	11	SO-CW-QRP	0/0	0/0	19/11	0/0	0/0	0/0	
RM2D		1,092,708	1,640	254	SOU-MIX-HP	57/25	180/43	382/59	918/82	91/30	21/15	SM6LRR
RA3Y		963,360	1,181	288	SOU-MIX-LP	63/32	102/43	297/75	641/88	91/42	8/8	
UA4S		569,800	1,060	175	SOU-MIX-HP	0/0	0/0	412/62	515/63	141/43	11/7	RU4SO
R7LV		288,145	577	169	SOU-MIX-HP	0/0	0/0	14/8	283/73	175/56	110/32	

RT3T		278,304	360	312	SOU-MIX-HP	41/41	49/49	67/67	130/81	59/58	16/16	
R4BZ		275,500	640	145	SOU-MIX-HP	8/8	0/0	17/11	528/78	78/36	27/12	
RY4F		236,000	595	160	SOU-MIX-LP	20/11	52/20	47/25	370/59	82/28	31/17	R4FD
RA6CA		217,434	590	167	SOU-MIX-LP	11/7	33/20	172/41	227/53	56/26	101/20	
RL4A		205,091	363	241	SOU-MIX-HP	11/10	49/33	63/59	151/70	68/49	23/20	
RK2M		203,188	548	158	SOU-MIX-LP	11/7	56/27	188/51	253/55	41/18	0/0	
R6RA		197,160	712	106	SOU-MIX-HP	0/0	0/0	0/0	560/57	105/30	54/19	
RZ9SZ/3		173,565	413	145	SOU-MIX-HP	0/0	17/17	41/28	347/81	19/19	0/0	
UA4CNJ		138,176	488	136	SOU-MIX-LP	0/0	83/27	159/38	204/43	40/21	9/7	
RK4FD		94,200	486	75	SOU-MIX-HP	0/0	0/0	167/22	302/38	15/4	25/11	
RT5C		66,444	310	98	SOU-MIX-HP	73/20	0/0	34/21	168/35	37/22	0/0	
RJ3F		59,427	255	93	SOU-MIX-LP	0/0	0/0	73/35	179/52	6/6	0/0	
UC5G		44,442	233	54	SOU-MIX-HP	0/0	0/0	58/18	158/23	27/13	0/0	
R5FU		39,120	227	80	SOU-MIX-HP	0/0	0/0	19/15	144/37	51/18	14/10	
R7LP		32,856	140	74	SOU-MIX-HP	0/0	0/0	3/2	106/48	33/22	2/2	
RT1Q		27,507	193	53	SOU-MIX-LP	0/0	0/0	0/0	167/41	12/8	14/4	
RN3TT		17,157	109	57	SOU-MIX-LP	0/0	0/0	0/0	74/36	19/12	18/9	
R4FA		14,336	102	64	SOU-MIX-LP	3/3	5/4	3/3	84/42	18/12	0/0	
RY6Y		9,688	140	28	SOU-MIX-HP	0/0	0/0	0/0	0/0	0/0	144/28	RY8Y
UA4C		8,618	96	31	SOU-MIX-LP	0/0	0/0	0/0	96/29	2/2	0/0	
UA6LUQ		7,182	130	21	SOU-MIX-LP	0/0	0/0	0/0	141/21	0/0	0/0	
RA6DT		60	6	6	SOU-MIX-LP	0/0	6/6	0/0	0/0	0/0	0/0	
RW3XZ		481,107	949	183	SOU-PH-HP	0/0	32/23	52/32	768/72	103/42	16/14	
R3ST		156,555	443	147	SOU-PH-HP	0/0	74/28	134/43	205/47	38/26	3/3	
RW3DU		47,592	251	72	SOU-PH-HP	0/0	0/0	15/13	214/38	21/16	5/5	
U1BD		30,636	164	74	SOU-PH-HP	0/0	0/0	36/23	121/39	13/12	0/0	
R3AAA		29,088	170	72	SOU-PH-LP	0/0	2/2	21/16	127/37	22/15	2/2	
RM3DA		896	28	16	SOU-PH-LP	0/0	0/0	0/0	30/16	0/0	0/0	
R2DNZ		392	16	14	SOU-PH-HP	0/0	0/0	0/0	5/4	10/9	1/1	RW3DU
RL5A		1,681,719	1,791	321	SOU-CW-HP	63/29	161/47	347/73	906/93	283/58	49/21	
UA6CC		1,638,864	1,927	304	SOU-CW-HP	44/29	204/42	327/64	824/88	337/52	227/29	
RU6AV		1,311,081	1,447	303	SOU-CW-HP	8/8	49/38	159/61	757/93	314/71	185/32	
UC7A		1,299,315	1,601	285	SOU-CW-HP	33/23	125/39	222/60	900/82	224/55	119/26	
R7MM		943,040	1,214	280	SOU-CW-LP	40/28	136/40	202/60	493/70	206/53	145/29	
UA6LCN		863,691	1,187	251	SOU-CW-HP	7/7	42/31	239/58	624/78	187/57	119/20	
R3QA		844,987	1,179	247	SOU-CW-LP	0/0	134/43	214/61	630/81	176/47	39/15	
RK3ER		780,359	1,157	251	SOU-CW-HP	49/30	175/42	282/57	377/57	309/53	15/12	

RA1AL		725,900	981	244	SOU-CW-HP	24/22	57/36	127/52	674/86	90/35	22/13	
R4HC		715,352	1,084	242	SOU-CW-HP	55/27	83/32	137/54	733/75	85/38	21/16	
RK4FF		570,150	1,265	150	SOU-CW-HP	0/0	0/0	0/0	1,084/87	150/41	42/22	
RA3AN		561,132	1,060	198	SOU-CW-LP	0/0	74/33	339/49	471/75	166/31	12/10	
RU4A		526,806	813	226	SOU-CW-LP	0/0	48/35	106/45	555/82	76/47	31/17	
R3KM		435,834	750	189	SOU-CW-HP	18/18	65/16	100/52	369/49	113/36	104/18	
R7CT		426,130	668	215	SOU-CW-LP	0/0	33/33	70/50	413/75	135/41	23/16	
RG4A		404,651	737	221	SOU-CW-LP	37/23	83/28	144/43	373/76	71/36	44/15	
RZ3DJ		397,704	676	219	SOU-CW-HP	26/22	70/36	276/68	236/66	69/27	0/0	
RA3DNC		348,381	647	187	SOU-CW-HP	13/12	51/31	73/37	390/71	131/36	0/0	
RN3S		333,608	692	187	SOU-CW-LP	1/1	126/37	200/49	310/66	49/23	14/11	
UA3QAM		326,400	598	200	SOU-CW-LP	0/0	94/34	154/50	258/67	73/37	22/12	
RT4M		326,018	845	154	SOU-CW-HP	0/0	0/0	297/54	468/65	85/35	0/0	
RO7T		303,024	628	177	SOU-CW-HP	29/19	57/24	74/28	295/59	152/34	32/13	RU7T
R7MY		281,918	567	182	SOU-CW-LP	0/0	21/18	101/37	314/64	99/41	35/22	
R5WW		230,242	639	146	SOU-CW-HP	24/13	164/35	174/42	224/34	28/16	31/6	
R1DX		216,630	698	87	SOU-CW-HP	0/0	0/0	0/0	703/87	0/0	0/0	
RN6A		192,645	531	135	SOU-CW-HP	0/0	0/0	0/0	351/69	108/44	76/22	
RO4A		139,517	377	133	SOU-CW-LP	3/3	20/17	41/32	285/59	25/16	14/6	
UA3QGT		132,900	332	150	SOU-CW-HP	22/19	44/15	36/21	153/57	72/28	12/10	
R3MU		109,286	413	106	SOU-CW-LP	0/0	113/34	0/0	280/55	26/17	0/0	
R4LR		90,860	340	110	SOU-CW-LP	0/0	100/30	230/62	19/15	5/3	0/0	
UC5D		90,021	323	111	SOU-CW-LP	0/0	44/21	88/33	174/46	19/11	0/0	
UA4HBM		89,238	258	139	SOU-CW-LP	1/1	28/24	45/33	147/54	37/25	2/2	
UA3AP		87,480	314	108	SOU-CW-LP	3/3	16/12	89/34	183/44	28/14	1/1	
RN3YA		83,145	303	115	SOU-CW-LP	0/0	51/22	63/29	154/40	40/20	6/4	
RD3FV		71,535	293	95	SOU-CW-LP	0/0	0/0	52/28	203/45	32/16	6/6	
RJ7M		68,607	273	121	SOU-CW-LP	0/0	36/24	97/40	63/29	20/12	63/16	
R7AT		63,600	244	106	SOU-CW-HP	0/0	30/24	130/44	86/38	0/0	0/0	
UA3RJ		60,680	180	164	SOU-CW-LP	14/14	37/32	44/42	46/42	30/23	11/11	
RK6HG		57,868	293	68	SOU-CW-LP	0/0	0/0	0/0	297/68	0/0	0/0	
R5DT		57,120	186	120	SOU-CW-LP	0/0	0/0	39/29	98/51	45/32	8/8	
RA3DJA		54,160	261	80	SOU-CW-QRP	0/0	0/0	80/31	173/37	9/7	5/5	
UA7G		51,944	246	86	SOU-CW-QRP	0/0	0/0	6/3	136/37	56/28	49/18	
RG3B		47,437	211	89	SOU-CW-LP	0/0	0/0	33/22	136/47	40/16	4/4	
RT3D		37,816	138	116	SOU-CW-LP	0/0	0/0	42/42	72/52	13/13	13/9	
R7KU		24,748	212	46	SOU-CW-LP	0/0	0/0	0/0	214/46	0/0	0/0	

RK4S		24,552	212	44	SOU-CW-LP	0/0	0/0	0/0	213/44	0/0	0/0	
RG7K		24,190	178	59	SOU-CW-LP	19/8	0/0	22/13	91/32	60/6	0/0	
UA4FDL		20,580	124	70	SOU-CW-LP	0/0	7/7	27/22	70/30	18/9	4/2	
RT3O		20,116	154	47	SOU-CW-LP	0/0	0/0	2/2	148/40	0/0	5/5	
UA3GAF		16,306	131	62	SOU-CW-HP	4/4	62/23	59/28	0/0	8/7	0/0	
R7TQ		13,052	93	52	SOU-CW-LP	0/0	0/0	4/4	75/31	7/7	13/10	
RA3TT		9,758	100	41	SOU-CW-HP	0/0	0/0	0/0	93/34	7/7	0/0	
RM3TO		5,310	71	30	SOU-CW-LP	0/0	0/0	6/4	63/22	5/4	0/0	
RD7T		5,043	51	41	SOU-CW-LP	0/0	0/0	0/0	26/23	25/18	0/0	RX7T
RN3K		4,669	71	29	SOU-CW-HP	0/0	0/0	8/5	63/24	0/0	0/0	
R7NK		4,402	62	31	SOU-CW-HP	0/0	0/0	0/0	63/31	0/0	0/0	
RC7A		2,538	47	18	SOU-CW-HP	0/0	0/0	0/0	29/12	17/4	3/2	
RX6AOB		1,472	26	23	SOU-CW-LP	0/0	0/0	0/0	11/7	11/10	6/6	
RM6J		1,470	24	15	SOU-CW-HP	0/0	0/0	0/0	24/15	0/0	0/0	
RA3BQ		924	18	14	SOU-CW-LP	0/0	1/1	4/4	12/8	0/0	1/1	
R6CW		272	12	8	SOU-CW-LP	0/0	0/0	0/0	0/0	2/2	10/6	
RU1A		3,840,943	3,455	347	MSHP	73/33	189/50	897/86	2,115/100	227/66	19/12	RT1M RU1M RV1AW RW1A RW1CW RW1F
RM5A		2,913,570	2,939	330	MSHP	67/27	332/49	504/72	1,547/98	511/64	34/20	R3DCX RC5A RD3BW RM2M RN3AC RU3XY RU4W RU5A
UF5D		731,679	1,279	219	MSHP	12/8	175/38	401/58	516/66	192/38	12/11	RT2D UA5D
RK3PWR		695,844	1,241	204	MSHP	37/15	155/27	275/50	627/62	142/35	29/15	R3PJM
R3OM		171,612	528	126	MSHP	0/0	0/0	132/35	306/52	107/32	8/7	R3OF R3OM RL3QI
RK3T		29,799	205	63	MSHP	0/0	0/0	67/14	43/10	101/39	0/0	RX4W
Kaliningrad												
UA2CZ		38,380	152	95	SO-CW-HP	0/0	0/0	57/42	91/48	6/4	1/1	
RN2FQ		15,594	106	69	SO-CW-LP	0/0	42/25	22/18	25/14	17/12	0/0	
RN2FA		102	7	6	SOU-MIX-LP	0/0	0/0	0/0	7/5	1/1	0/0	
UA2FAK		672	16	12	SOU-CW-LP	0/0	0/0	0/0	15/10	2/2	0/0	
Latvia												
YL3AD		202,631	521	169	SO-MIX-LP	23/17	81/31	144/44	190/43	76/28	14/6	
YL3GQ		19,525	145	71	SO-MIX-LP	0/0	30/16	31/18	77/30	9/7	0/0	
YL3AJI		3,472	60	28	SO-PH-LP	0/0	0/0	0/0	0/0	55/19	11/9	
YL2QN		643,435	991	247	SO-CW-LP	23/17	123/37	297/60	450/86	99/41	6/6	

YL2CV		353,702	635	202	SO-CW-LP	38/25	90/39	144/41	287/57	62/29	16/11	
YL3FW		218,409	635	141	SO-CW-LP	0/0	131/33	174/37	309/55	22/11	8/5	
YL5T		1,944	44	27	SOU-MIX-HP	5/4	31/17	1/1	5/4	2/1	0/0	YL3DQ
YL2PP		744	27	24	SOU-MIX-HP	12/10	14/13	0/0	0/0	0/0	1/1	
YL5X		514,230	1,008	183	SOU-CW-HP	0/0	144/35	327/59	515/67	30/19	3/3	
YL1ZT		308,154	807	154	MSHP	44/22	140/30	279/41	324/43	50/18	0/0	YL1XN YL2HB YL3AJA
Lithuania												
LY5E		1,108,359	1,569	241	SO-MIX-HP	45/31	141/34	459/56	705/70	217/35	21/15	LY2IJ
LY4T		151,960	438	145	SO-MIX-HP	18/7	3/2	141/38	179/55	65/25	34/18	
LY2OU		147,138	474	137	SO-MIX-HP	24/19	67/29	90/35	259/34	37/14	17/6	
LY4G		37,842	393	42	SO-MIX-LP	0/0	394/42	0/0	0/0	0/0	0/0	
LY2BMX		34,605	351	45	SO-MIX-LP	0/0	356/45	0/0	0/0	0/0	0/0	
LY2N		5,368	86	44	SO-MIX-LP	6/5	42/14	31/21	3/2	2/1	2/1	
LY2AE		170,177	445	151	SO-PH-HP	0/0	14/12	70/32	290/62	62/34	15/11	
LY5OO		55,000	240	110	SO-PH-LP	15/14	62/26	92/34	62/27	17/8	1/1	
LY5XX		47,410	211	110	SO-PH-LP	12/11	41/21	60/33	76/31	30/13	1/1	
LY1K		42,385	203	119	SO-PH-LP	0/0	0/0	0/0	0/0	0/0	0/0	
LY5AA		26,784	151	96	SO-PH-LP	15/14	40/24	32/25	62/24	10/8	1/1	
LY2ND		7,192	78	62	SO-PH-LP	14/13	9/9	36/22	0/0	21/16	2/2	
LY3ZM		4,134	56	39	SO-PH-LP	0/0	0/0	26/21	29/17	0/0	1/1	
LY2GN		714	26	21	SO-PH-LP	0/0	26/21	0/0	0/0	0/0	0/0	
LY1XM		117	7	9	SO-PH-HP	0/0	0/0	1/1	0/0	7/7	1/1	
LY5R		1,224,258	1,534	283	SO-CW-LP	39/30	168/35	420/66	694/89	206/46	27/17	
LY2PAD		47,232	204	96	SO-CW-LP	3/3	26/17	45/23	114/39	13/10	5/4	
LY2NZ		31,406	181	82	SO-CW-LP	29/21	11/9	17/11	115/27	14/11	4/3	
LY2F		18,420	141	60	SO-CW-LP	0/0	105/35	13/8	16/10	8/6	1/1	
LY2DV		6,930	67	42	SO-CW-LP	0/0	5/5	11/9	45/20	4/4	4/4	
LY3G		3,586	63	22	SO-CW-QRP	0/0	0/0	0/0	63/22	0/0	0/0	
LY2SQ		2,640	46	30	SO-CW-LP	0/0	19/12	20/12	9/6	0/0	0/0	
LY1DZ		840,234	1,117	262	SOU-MIX-LP	46/27	88/37	230/59	641/84	101/43	20/12	
LY4OO		297,792	580	198	SOU-MIX-HP	2/1	58/32	95/46	318/73	92/35	22/11	
LY1R		231,240	548	164	SOU-MIX-HP	0/0	28/23	144/42	221/52	139/36	26/11	
LY3CY		189,528	562	149	SOU-MIX-HP	0/0	85/34	158/40	253/49	62/21	6/5	
LY2CX		54,400	247	128	SOU-MIX-LP	23/16	47/29	95/38	49/24	31/16	12/5	
LY5W		262,892	575	164	SOU-PH-HP	30/19	70/30	99/38	292/48	87/21	9/8	
LY4Q		119,073	761	57	SOU-PH-HP	0/0	0/0	786/57	0/0	0/0	0/0	

LY4MA	20,349	171	63	SOU-PH-LP	0/0	107/31	0/0	0/0	58/22	16/10	
LY4BP	1,925	61	11	SOU-PH-LP	0/0	0/0	7/3	55/8	0/0	0/0	
LY6A	1,695,240	2,164	255	SOU-CW-HP	27/24	145/40	601/58	1,223/80	164/42	27/11	
LY3B	1,545,033	1,785	301	SOU-CW-HP	57/28	196/45	470/70	859/91	177/43	44/24	
LY2K	312,320	912	128	SOU-CW-HP	0/0	2/2	454/44	330/46	125/27	18/9	
LY2J	27,571	171	79	SOU-CW-LP	1/1	108/31	1/1	59/41	4/4	1/1	
LY2AT	6,407	75	43	SOU-CW-LP	0/0	7/7	26/14	21/10	22/11	2/1	
LY2ZO	184,680	505	152	MSHP	22/16	89/28	180/37	201/46	31/19	8/6	LY1UG LY3DA LY3UT
Moldova											
ER3CT	27,650	150	79	SO-PH-LP	0/0	0/0	42/29	84/35	20/12	6/3	
ER1PB	117,260	410	110	SO-CW-LP	7/7	36/14	106/25	221/37	44/21	7/6	
ER1LZ	96,525	261	135	SO-CW-LP	0/0	15/14	49/26	141/53	41/26	24/16	
Ukraine											
UV5U	686,960	1,036	248	SO-MIX-HP	73/31	72/33	249/58	483/63	107/40	60/23	UX1UA
UYØCA	262,430	618	163	SO-MIX-LP	0/0	0/0	148/41	287/62	139/38	51/22	
UT3SO	235,785	671	165	SO-MIX-LP	30/19	101/29	191/38	294/51	60/24	10/4	
UT6EE	146,730	399	146	SO-MIX-HP	1/1	0/0	55/30	232/64	74/32	43/19	
UY5TE	126,882	442	133	SO-MIX-LP	1/1	39/18	96/31	200/41	82/29	27/13	
UT5UN	113,645	361	119	SO-MIX-LP	0/0	0/0	98/29	207/57	51/26	10/7	
UT5EOX	67,155	269	121	SO-MIX-QRP	0/0	13/9	53/24	98/42	68/28	37/18	
UX8IX	55,575	231	117	SO-MIX-QRP	13/13	0/0	73/33	105/44	45/25	2/2	
UY2ZZ	51,531	247	89	SO-MIX-LP	0/0	18/12	50/25	155/40	0/0	25/12	
UT1DX	39,216	230	76	SO-MIX-LP	0/0	0/0	51/28	1/1	179/45	3/2	
UR5WFP	30,705	209	89	SO-MIX-LP	0/0	64/25	91/33	46/25	9/6	0/0	
US3LX	27,270	159	90	SO-MIX-HP	20/10	2/2	18/11	59/31	30/22	30/14	
UY5QJ	23,100	192	77	SO-MIX-LP	0/0	0/0	0/0	98/34	74/28	21/15	
UY6U	18,048	184	48	SO-MIX-LP	0/0	0/0	189/48	0/0	0/0	0/0	UX7UU
UR3QTN	13,467	105	67	SO-MIX-LP	1/1	9/8	14/7	47/25	24/16	11/10	
UT4NW	11,000	86	55	SO-MIX-LP	0/0	11/8	27/16	38/16	21/10	5/5	
US1UU	9,950	99	50	SO-MIX-QRP	2/2	9/4	31/13	54/24	2/2	5/5	
UT1ZZ	8,832	114	32	SO-MIX-LP	0/0	0/0	0/0	115/32	0/0	0/0	
UR5CN	8,815	83	43	SO-MIX-LP	0/0	0/0	0/0	91/43	0/0	0/0	
UR5ZDZ	3,216	34	24	SO-MIX-LP	0/0	0/0	0/0	26/11	15/9	4/4	
USØYA	2,628	45	36	SO-MIX-LP	8/7	8/6	9/8	10/7	3/3	8/5	
US8MS	1,820	35	28	SO-MIX-HP	0/0	0/0	32/20	6/6	3/2	0/0	

US5D		864,773	1,293	221	SO-PH-HP	33/22	81/32	173/46	916/72	92/35	37/14	UT7DX
USØHZ		416,109	793	199	SO-PH-LP	17/12	30/25	247/48	344/59	138/41	23/14	
UT7QL		269,008	558	184	SO-PH-LP	7/7	21/18	55/37	372/68	72/31	39/23	
UX3IT		151,060	464	130	SO-PH-HP	0/0	0/0	147/37	147/39	151/37	27/17	
UT5RQ		92,208	296	136	SO-PH-LP	13/13	32/25	59/31	158/42	35/20	6/5	
USØMS		87,320	294	118	SO-PH-LP	1/1	0/0	12/12	228/65	42/28	13/12	
UR1MN		78,338	268	131	SO-PH-LP	0/0	24/21	96/37	124/43	26/17	14/13	
UT1FT		74,812	266	118	SO-PH-LP	0/0	21/18	55/35	139/39	51/20	11/6	
UT5HX		65,856	256	112	SO-PH-LP	6/6	6/6	40/24	158/43	44/20	14/13	
UT5ZL		47,499	261	71	SO-PH-HP	0/0	0/0	0/0	213/42	36/17	17/12	
UR5EAF		42,636	190	102	SO-PH-LP	0/0	5/5	29/23	98/38	50/25	13/11	
UR5WHQ		28,530	143	90	SO-PH-LP	0/0	23/19	49/33	46/24	11/7	18/7	
UY1IP		24,645	133	93	SO-PH-LP	0/0	9/9	34/28	40/25	31/17	23/14	
UR7TV		20,898	136	81	SO-PH-QRP	0/0	21/16	24/19	63/29	24/13	5/4	
UT7UX		14,784	93	64	SO-PH-HP	0/0	0/0	21/18	64/36	8/7	3/3	
UT8RR		10,368	88	54	SO-PH-LP	0/0	1/1	20/12	63/29	13/10	2/2	
UTØNB		8,643	73	67	SO-PH-LP	5/5	9/9	17/13	24/16	23/16	8/8	
UR1YDD		2,046	45	22	SO-PH-QRP	0/0	0/0	0/0	0/0	45/22	0/0	
UR5FOF		1,748	44	19	SO-PH-LP	0/0	0/0	0/0	45/18	1/1	0/0	
UR7AA		1,564	36	17	SO-PH-LP	0/0	0/0	0/0	0/0	0/0	36/17	
UR7QDO		1,007	23	19	SO-PH-LP	0/0	0/0	0/0	15/7	6/6	7/6	
UT5CB		280	14	10	SO-PH-LP	0/0	0/0	0/0	0/0	0/0	15/10	
UR6QR		273	21	13	SO-PH-QRP	0/0	0/0	24/13	0/0	0/0	0/0	
UW1M		2,536,500	2,159	356	SO-CW-HP	36/32	90/57	401/79	1,362/95	232/62	67/31	
UT5EO		1,259,008	1,628	256	SO-CW-LP	24/22	99/39	251/53	962/75	301/48	66/19	
UX1UX		697,292	1,327	188	SO-CW-LP	41/23	133/31	341/41	644/58	174/25	17/10	
UW7M		543,536	1,022	211	SO-CW-LP	43/24	131/31	200/36	452/62	163/44	43/14	UR3MP
US1ITU		465,696	808	216	SO-CW-LP	23/22	71/35	197/38	356/64	151/41	33/16	
UT7IS		378,024	875	152	SO-CW-LP	0/0	155/35	286/54	454/63	0/0	0/0	
UT8AS		347,840	836	160	SO-CW-LP	0/0	139/32	326/54	329/49	44/21	6/4	
US7IY		317,152	722	176	SO-CW-HP	30/18	116/33	170/35	230/47	114/27	71/16	
US6EX		305,440	660	166	SO-CW-LP	0/0	0/0	107/30	335/60	184/53	48/23	
UR7CB		263,998	594	173	SO-CW-LP	30/16	70/28	177/42	227/47	82/34	14/6	
UT4NY		256,060	686	155	SO-CW-LP	0/0	129/32	247/41	228/47	79/28	10/7	
UR5VR		251,165	553	191	SO-CW-LP	41/22	110/32	131/43	197/55	79/34	5/5	
UT8IM		244,246	519	194	SO-CW-LP	37/26	39/27	103/35	242/55	83/36	26/15	
UXØKR		239,190	786	119	SO-CW-LP	0/0	0/0	311/46	441/58	43/14	1/1	

UT1QQ		236,056	643	152	SO-CW-HP	20/13	66/18	203/35	264/44	46/22	70/20	
UX1CL		228,960	530	159	SO-CW-LP	0/0	53/26	83/34	297/56	75/29	27/14	
UR7QC		221,666	574	137	SO-CW-HP	0/0	0/0	382/68	60/21	137/48	0/0	
US3EW		209,456	484	152	SO-CW-LP	0/0	0/0	116/42	280/63	66/34	26/13	
UTØNT		203,958	539	162	SO-CW-LP	2/2	127/35	143/38	192/47	71/32	11/8	
UR5EPV		196,680	482	165	SO-CW-LP	16/11	46/22	131/39	187/44	94/35	21/14	
UY5AR		196,560	408	180	SO-CW-LP	26/20	18/15	118/59	182/52	59/29	9/5	
UT5PY		196,378	506	169	SO-CW-LP	27/22	83/31	94/33	231/56	64/22	14/5	
US8IM		168,064	525	128	SO-CW-LP	12/12	15/12	87/25	203/34	116/26	99/19	
UR5FEO		162,024	400	157	SO-CW-QRP	0/0	49/26	76/37	199/50	60/31	23/13	
UR5WX		156,900	414	150	SO-CW-HP	4/4	57/27	87/41	234/58	35/16	5/4	
UR5ZTH		148,296	432	148	SO-CW-LP	4/4	48/22	119/39	169/38	73/30	23/15	
UT1V		143,903	403	151	SO-CW-LP	21/17	98/31	142/38	97/34	38/22	17/9	US1VM
UT1AA		137,776	468	109	SO-CW-LP	0/0	0/0	88/29	315/48	54/21	17/11	
UT4UQ		125,010	376	135	SO-CW-LP	0/0	89/33	100/39	150/41	33/19	9/3	
UX2MF		120,232	317	152	SO-CW-HP	3/3	50/27	63/35	147/51	40/24	14/12	
UT5NC		98,841	309	141	SO-CW-LP	14/13	76/32	88/39	108/41	24/13	5/3	
UR5FS		96,029	339	109	SO-CW-LP	0/0	0/0	48/23	247/63	46/22	1/1	
UW7RV		90,750	270	121	SO-CW-HP	2/2	11/8	66/35	144/51	43/20	10/5	
UT5NR		84,000	310	84	SO-CW-HP	0/0	0/0	0/0	283/66	37/18	0/0	
US5VX		79,344	294	87	SO-CW-QRP	0/0	0/0	0/0	248/57	19/13	28/17	
UT3QZ		78,306	338	93	SO-CW-LP	0/0	0/0	101/32	195/43	44/18	0/0	
UY5YB		75,563	315	97	SO-CW-LP	0/0	15/10	99/29	174/38	32/19	1/1	
US6CQ		74,628	295	108	SO-CW-LP	0/0	28/13	77/22	137/41	45/23	14/9	
UY5QR		73,584	239	112	SO-CW-LP	11/10	39/20	39/13	124/45	31/19	6/5	
US7IA		72,352	236	133	SO-CW-LP	15/14	33/21	45/28	93/39	47/25	7/6	
UT3UV		67,872	248	112	SO-CW-HP	11/11	26/14	59/21	103/38	49/23	9/5	
US5LO		64,000	300	80	SO-CW-LP	0/0	0/0	0/0	239/51	49/20	14/9	
UR5KED		60,879	271	91	SO-CW-LP	0/0	36/18	33/14	177/43	22/13	4/3	
UX7MA		60,066	199	142	SO-CW-LP	7/7	26/23	39/26	69/43	47/25	18/18	
UT5EPP		59,334	268	93	SO-CW-LP	0/0	15/8	61/27	157/35	43/20	3/3	
UR5NLA		51,777	235	99	SO-CW-LP	0/0	32/16	68/24	98/35	42/21	4/3	
UR7MA		51,504	178	116	SO-CW-QRP	6/6	13/12	49/30	66/28	34/28	12/12	
UR3PA		50,295	211	105	SO-CW-LP	0/0	33/23	87/39	78/33	12/8	3/2	
UT5LA		43,461	193	99	SO-CW-LP	20/14	10/5	40/18	89/34	56/25	3/3	
UTØUM		41,040	208	72	SO-CW-QRP	0/0	0/0	72/29	137/43	0/0	0/0	
UT6UD		41,028	366	39	SO-CW-HP	0/0	0/0	376/39	0/0	0/0	0/0	

UR3WA		40,470	230	71	SO-CW-LP	0/0	40/17	111/28	77/22	4/4	0/0	
UR5UJ		40,255	185	97	SO-CW-LP	0/0	20/17	57/26	78/31	32/18	5/5	
UR7IKJ		36,579	185	89	SO-CW-LP	0/0	0/0	54/30	80/26	38/21	14/12	
UT5UQV		35,814	159	94	SO-CW-LP	7/7	5/5	27/21	84/33	25/17	19/11	
US3IZ		35,280	174	84	SO-CW-LP	19/16	0/0	0/0	104/40	43/22	11/6	
UT5IZ		33,088	272	47	SO-CW-LP	0/0	4/3	160/17	119/26	1/1	0/0	
UT7HM		32,760	154	91	SO-CW-LP	0/0	15/9	45/25	53/26	37/23	9/8	
UY7LM		26,978	151	82	SO-CW-QRP	0/0	65/24	35/23	48/28	11/7	0/0	
UTØMF		26,800	158	67	SO-CW-LP	0/0	0/0	33/23	103/29	26/15	0/0	
UR6LAF		22,344	152	76	SO-CW-LP	0/0	35/19	40/19	66/26	10/10	2/2	
UR3QGJ		21,714	111	66	SO-CW-LP	0/0	0/0	24/22	85/41	4/3	0/0	
UR7EW		21,286	133	58	SO-CW-LP	0/0	0/0	0/0	104/36	16/11	17/11	
UR5IFM		19,734	134	69	SO-CW-LP	0/0	0/0	28/16	69/26	33/20	9/7	
UR4LIN		18,000	122	60	SO-CW-LP	0/0	7/4	53/27	59/18	15/11	0/0	
UW7CF		14,350	101	82	SO-CW-LP	0/0	5/5	32/26	40/27	17/16	8/8	
UZ5ZV		14,337	165	27	SO-CW-HP	0/0	0/0	0/0	168/27	0/0	0/0	
UR5EFL		12,604	112	46	SO-CW-QRP	0/0	0/0	9/5	71/24	33/17	0/0	
UT5UIA		11,914	99	46	SO-CW-HP	2/2	2/2	25/12	69/28	2/2	0/0	
UW7CN		7,360	70	46	SO-CW-LP	0/0	0/0	0/0	29/18	31/20	15/8	
UR5ZGY		3,152	73	16	SO-CW-LP	0/0	0/0	0/0	84/13	1/1	2/2	
US7IGN/P		2,886	44	39	SO-CW-QRP	0/0	0/0	21/17	14/12	12/10	0/0	
UW5RA		1,672	38	38	SO-CW-LP	8/8	1/1	19/18	6/6	1/1	4/4	
US5ELM		1,102	40	29	SO-CW-LP	0/0	0/0	0/0	0/0	0/0	0/0	
UR5ZQV		812	24	14	SO-CW-LP	0/0	0/0	0/0	0/0	0/0	24/14	
USØUX		798	28	19	SO-CW-LP	0/0	18/13	0/0	0/0	9/5	1/1	
UT3UY		75	7	5	SO-CW-LP	0/0	0/0	4/2	2/2	1/1	0/0	
UZ3A		2,114,110	2,219	326	SOU-MIX-LP	47/30	152/47	458/72	1,260/93	283/62	39/22	UX1AA
UR6EA		1,432,662	1,755	294	SOU-MIX-HP	32/18	181/40	413/65	749/83	357/68	39/20	
UY5ZZ		738,738	1,083	246	SOU-MIX-HP	31/21	53/35	131/56	797/71	62/42	35/21	
UW1I		437,244	780	249	SOU-MIX-HP	63/30	134/38	166/65	186/52	186/46	54/18	UW5IM
UR5XMM		163,096	476	148	SOU-MIX-LP	0/0	54/26	99/38	262/55	52/19	14/10	
UY4WWA		59,570	244	115	SOU-MIX-LP	8/7	24/16	20/16	164/55	20/13	16/8	UT1WZ
UT1UL		48,972	176	106	SOU-MIX-LP	0/0	9/9	36/23	109/55	19/15	4/4	
UY5QZ		38,446	191	94	SOU-MIX-LP	0/0	23/11	59/24	63/23	20/17	32/19	
UR5E		37,224	166	99	SOU-MIX-HP	7/5	12/7	23/19	81/32	30/24	15/12	UR5EDX
US3IY		18,249	205	33	SOU-MIX-HP	0/0	1/1	25/8	190/24	0/0	0/0	
UW5Q		7,878	117	26	SOU-MIX-LP	0/0	0/0	0/0	108/19	11/7	0/0	UR3QCW

UT2IW	2,688	38	32	SOU-MIX-HP	0/0	7/6	11/11	3/3	17/12	0/0	
US5RK	328	21	8	SOU-MIX-HP	0/0	4/3	18/5	0/0	0/0	0/0	
UT8IA	315	19	9	SOU-MIX-LP	0/0	0/0	0/0	0/0	0/0	19/9	
UT7NW	72	12	6	SOU-MIX-LP	2/1	2/1	2/1	2/1	2/1	2/1	
UR2Y	719,040	1,072	240	SOU-PH-LP	17/14	69/29	99/41	703/79	159/56	43/21	USØYW
UT5LO	197,652	412	181	SOU-PH-HP	0/0	18/18	65/39	216/66	100/40	18/18	
UR5WCQ	153,765	421	135	SOU-PH-LP	0/0	24/17	124/35	242/60	39/19	4/4	
US5QUB	74,277	253	131	SOU-PH-LP	0/0	14/14	60/36	132/49	43/25	7/7	
US6IKF	51,302	196	113	SOU-PH-LP	6/6	6/6	23/19	98/40	52/24	31/18	
UXØRR	25,323	139	69	SOU-PH-HP	0/0	0/0	0/0	92/41	43/24	6/4	
UX7QG	11,102	98	61	SOU-PH-LP	0/0	0/0	2/2	66/33	18/14	13/12	
UT8EL	2,952	58	18	SOU-PH-LP	0/0	0/0	0/0	0/0	60/18	0/0	
UT3UEZ	96	6	6	SOU-PH-QRP	0/0	0/0	0/0	7/6	0/0	0/0	
UT4LW	1,376,307	1,703	279	SOU-CW-LP	36/21	186/37	447/60	749/79	241/56	55/26	
UX7IW	1,080,576	1,174	288	SOU-CW-LP	0/0	49/36	145/61	677/95	201/66	105/30	
UR5R	717,630	1,279	190	SOU-CW-HP	0/0	198/36	131/38	795/75	175/40	1/1	UTØRM
UV7V	541,148	869	236	SOU-CW-LP	61/28	139/41	242/53	299/64	104/37	33/13	UX1VT
URØHQ	514,794	825	206	SOU-CW-LP	0/0	74/34	153/55	548/81	58/35	1/1	
UT3N	364,374	811	186	SOU-CW-HP	36/23	87/31	297/55	352/56	49/17	8/4	UT3NK
UY2RA	271,744	600	176	SOU-CW-HP	45/20	65/23	56/24	358/66	79/28	19/15	
UR4MVJ	266,910	489	186	SOU-CW-HP	2/2	31/26	77/48	265/69	108/32	12/9	
UY7C	253,139	609	163	SOU-CW-LP	1/1	35/15	125/39	269/55	96/33	85/20	UR3CMA
UR2VA	216,795	505	149	SOU-CW-LP	0/0	0/0	79/39	336/64	70/35	22/11	
UT3EK	148,668	389	156	SOU-CW-QRP	0/0	79/33	100/34	154/50	47/26	14/13	
UR8RF	115,200	396	120	SOU-CW-HP	30/13	59/20	36/15	214/40	32/14	27/18	
UX5UU	49,973	265	77	SOU-CW-LP	0/0	0/0	116/33	152/44	0/0	0/0	
UT3UCP	33,338	168	79	SOU-CW-LP	0/0	1/1	27/16	107/38	28/18	8/6	
UT5KQ	22,001	151	49	SOU-CW-LP	0/0	0/0	152/49	0/0	0/0	0/0	
UT7MR	21,000	143	56	SOU-CW-LP	0/0	0/0	71/30	73/26	0/0	0/0	
US7IM	19,527	125	69	SOU-CW-LP	0/0	0/0	14/9	69/32	44/23	6/5	
UW5ZM	16,920	195	24	SOU-CW-HP	0/0	0/0	0/0	201/24	0/0	0/0	
UXØLL	12,015	97	45	SOU-CW-HP	0/0	0/0	0/0	0/0	99/45	0/0	
UT4URX	7,182	69	38	SOU-CW-LP	0/0	0/0	8/6	57/27	5/5	0/0	
UR5FCM	2,912	58	26	SOU-CW-QRP	0/0	0/0	57/24	2/2	0/0	0/0	
UZ2I	823,985	1,435	223	MSHP	0/0	191/41	394/62	620/63	225/45	30/12	US2IR UT2II UT2IV
UW7W	697,224	1,060	228	MSHP	0/0	30/19	252/50	608/95	158/57	14/7	UR5WCW UT7WZ
UR4RWW	508,776	1,028	204	MSHP	75/26	197/36	270/51	345/52	121/26	30/13	UR5RU UZ1RM

UR7D	437,536	898	176	MSHP	0/0	103/26	246/41	435/62	97/34	26/13	URØMC VE3DZ
UT4YZZ	1,035	29	23	MSHP	6/5	8/6	5/4	2/1	5/5	3/2	UR5YDZ UT5YAS
UT4YWA	800	28	25	MSHP	6/5	10/9	3/2	2/1	5/5	3/3	UR5YDW UR5YDX
UZ1HWW	420	16	14	MSHP	0/0	0/0	0/0	9/7	10/7	0/0	
Call	Score	QSOs	Mults	Category	160	80	40	20	15	10	Operator(s) and/or Host
Zone 30											
Asiatic Russia											
RK9AX	935,550	1,562	135	SO-MIX-HP	0/0	0/0	83/18	1,359/77	144/39	1/1	
UA9SMU	70,956	278	73	SO-MIX-LP	0/0	57/25	224/48	0/0	0/0	0/0	
RU9CC	15,614	108	37	SO-MIX-HP	0/0	0/0	9/6	97/24	9/7	0/0	
RW9CD	1,540	29	28	SO-MIX-LP	0/0	6/6	8/8	16/14	0/0	0/0	
UA9R	270,712	469	152	SO-PH-LP	2/1	22/12	98/43	302/70	46/24	2/2	
RN9WA	26,895	131	55	SO-PH-HP	0/0	0/0	0/0	114/42	20/13	0/0	
RK9DC	24,948	128	54	SO-PH-LP	0/0	0/0	3/3	126/51	0/0	0/0	
RO9S	2,166	32	19	SO-PH-HP	0/0	0/0	0/0	35/19	0/0	0/0	
R9AB	530	15	10	SO-PH-LP	0/0	0/0	0/0	15/10	0/0	0/0	
R8WF	1,280,480	1,370	212	SO-CW-LP	24/15	128/36	269/51	838/72	113/29	12/9	
RX9AF	910,115	1,117	191	SO-CW-LP	0/0	70/29	384/56	564/73	106/30	3/3	
RA9DZ	453,995	703	155	SO-CW-LP	0/0	54/23	120/42	425/55	99/31	12/4	
R9AX	301,126	494	157	SO-CW-LP	0/0	0/0	75/40	328/73	80/38	12/6	
R8WO	242,765	499	115	SO-CW-LP	0/0	8/8	59/26	369/48	58/23	13/10	
RN9RF	187,758	411	114	SO-CW-LP	0/0	20/16	61/24	259/45	65/24	6/5	
RW9RN	145,238	362	101	SO-CW-QRP	0/0	0/0	80/34	255/52	29/15	0/0	
RA9SN	144,314	317	118	SO-CW-LP	0/0	30/16	77/32	180/52	43/18	0/0	
UA9D	141,290	454	71	SO-CW-LP	0/0	0/0	0/0	461/71	0/0	0/0	
RU9TN	139,683	349	101	SO-CW-LP	0/0	14/7	75/26	260/60	9/8	0/0	
R9QQ	127,568	311	112	SO-CW-LP	3/3	22/11	49/24	189/50	43/19	6/5	
RA9CCK	113,965	287	115	SO-CW-LP	0/0	10/8	92/37	150/47	36/22	1/1	
UA9W	104,005	237	155	SO-CW-LP	0/0	0/0	37/35	125/60	67/48	12/12	
R9LY	101,728	496	44	SO-CW-LP	0/0	0/0	0/0	501/44	0/0	0/0	
RW9MZ	33,698	159	58	SO-CW-LP	0/0	0/0	15/11	138/44	6/3	0/0	
UA9NP	21,106	108	61	SO-CW-LP	0/0	0/0	26/18	63/32	20/11	0/0	
RA9AFZ	14,586	102	39	SO-CW-LP	0/0	0/0	0/0	102/39	0/0	0/0	
R9TV	13,776	85	48	SO-CW-LP	0/0	16/6	29/16	38/19	7/7	0/0	
RAØUF/8	13,392	108	31	SO-CW-LP	0/0	0/0	0/0	112/31	0/0	0/0	

UA9CES	10,071	89	27	SO-CW-LP	0/0	0/0	0/0	87/25	3/2	0/0	
UA9AB	6,216	52	42	SO-CW-LP	0/0	0/0	55/42	0/0	0/0	0/0	
R9SS	5,966	57	38	SO-CW-LP	0/0	0/0	11/4	35/25	11/9	0/0	
UA9MA	2,319,240	1,800	308	SOU-MIX-HP	29/28	80/43	389/68	1,199/100	138/55	17/14	
RN9N	1,123,149	1,285	213	SOU-MIX-HP	13/7	92/31	244/53	848/82	102/36	4/4	
RO9A	482,475	693	175	SOU-MIX-HP	0/0	19/16	77/34	456/77	132/40	14/8	
RA9AP	323,676	547	148	SOU-MIX-LP	0/0	15/6	131/43	355/76	47/23	0/0	
RA9MX	193,158	406	147	SOU-MIX-LP	0/0	50/22	78/40	227/60	55/22	3/3	
RK9DO	166,044	348	137	SOU-MIX-LP	0/0	45/22	91/43	201/62	15/10	0/0	
UC9A	152,520	345	120	SOU-MIX-LP	0/0	11/11	45/24	249/63	47/22	0/0	
RX9WN	102,024	308	78	SOU-MIX-HP	0/0	0/0	50/16	252/52	10/10	0/0	
UA9CGL	748	26	22	SOU-MIX-LP	0/0	0/0	0/0	26/22	0/0	0/0	
RZ9WU	10,449	77	43	SOU-PH-HP	0/0	0/0	0/0	69/34	9/8	1/1	
RT9A	2,429,049	1,799	309	SOU-CW-HP	57/25	236/46	360/73	957/95	231/60	20/10	
R8TT	2,004,935	1,653	281	SOU-CW-HP	89/35	203/41	395/72	804/80	161/46	10/7	
RT9S	1,920,980	1,596	278	SOU-CW-HP	34/25	134/41	329/70	921/84	192/52	8/6	
RC9A	1,169,753	1,213	221	SOU-CW-HP	11/6	48/21	207/51	786/82	188/53	10/8	
RX9CAZ	233,928	380	171	SOU-CW-LP	1/1	50/33	76/39	236/74	25/23	1/1	
UD8A	216,646	394	149	SOU-CW-LP	0/0	5/5	81/45	268/69	41/28	2/2	
UA8AA	183,876	491	84	SOU-CW-LP	0/0	0/0	0/0	444/59	59/24	1/1	UA5F
UA9LIF	138,600	280	150	SOU-CW-HP	2/1	36/29	38/29	163/60	44/27	4/4	
RM9RZ	18,368	148	28	SOU-CW-LP	0/0	0/0	0/0	150/28	0/0	0/0	
RW9WT	13,360	84	40	SOU-CW-HP	0/0	46/12	6/6	40/22	0/0	0/0	
RU9CI	13,294	103	34	SOU-CW-LP	0/0	0/0	105/34	0/0	0/0	0/0	
UA9CHL	3,108	39	28	SOU-CW-LP	0/0	0/0	0/0	36/24	5/4	0/0	
RM9A	5,589,410	3,516	367	MSHP	64/34	302/50	835/78	1,849/107	490/81	32/17	R9CM RA9AA RG9A RK9A RL9A RN9A RZ8A
RF9C	1,595,885	1,593	235	MSHP	19/11	82/23	289/52	1,047/95	160/49	5/5	RA9CMO RV9CBW UA9CIR UA9CSA
RT9L	1,484,100	1,710	194	MSHP	5/3	136/32	229/45	1,224/81	130/28	12/5	R8LA R8LBA R9LY RA9LY RM9I UA9LAO
European Russia											
RW4W	1,280,797	1,855	229	SO-MIX-HP	0/0	161/38	389/59	1,188/85	118/37	29/10	
RW4WA	782,530	1,136	245	SO-MIX-LP	18/10	173/43	177/59	688/86	70/38	18/9	
RN4HAB	165,120	518	129	SO-MIX-LP	0/0	54/19	156/33	256/49	54/26	2/2	
UA4PN	131,254	634	73	SO-MIX-HP	0/0	0/0	8/7	574/45	66/21	0/0	

UA4HTT	11,764	138	34	SO-MIX-LP	0/0	0/0	11/4	132/30	0/0	0/0	
RM4HZ	619,519	1,187	179	SO-PH-HP	20/10	16/14	97/40	925/68	117/37	21/10	
R9FBM	29,550	156	75	SO-PH-LP	0/0	0/0	41/28	115/40	8/7	0/0	
R4WAB	23,392	138	68	SO-PH-LP	0/0	0/0	31/20	104/44	4/4	0/0	
R9FN	236,160	586	144	SO-CW-HP	0/0	104/28	122/41	305/56	59/19	0/0	
RN4W	91,596	322	102	SO-CW-LP	0/0	0/0	75/34	228/57	20/11	0/0	
R4WAE	88,822	350	89	SO-CW-LP	0/0	0/0	70/28	293/61	0/0	0/0	
RX9FB	52,000	272	65	SO-CW-LP	0/0	0/0	0/0	234/49	35/15	3/1	
UA4NF	6,232	60	41	SO-CW-LP	0/0	10/9	11/7	35/22	4/3	0/0	
RT4W	2,475	61	15	SO-CW-LP	0/0	0/0	0/0	62/15	0/0	0/0	
UA9FEG	1,596	30	21	SO-CW-LP	0/0	0/0	10/10	23/11	0/0	0/0	
R9FM	152,421	385	141	SOU-MIX-LP	0/0	1/1	107/48	235/72	42/20	0/0	
RJ4P	1,224,462	1,506	267	SOU-PH-HP	30/22	62/33	333/55	969/93	124/50	23/14	
UA4W	2,946,607	2,659	349	SOU-CW-HP	82/37	320/51	717/80	1,183/96	346/69	40/16	
RA4HBS	141,480	402	135	SOU-CW-LP	21/12	97/31	129/37	138/41	25/14	0/0	
R4WBF	134,810	389	130	SOU-CW-LP	0/0	20/16	58/38	281/56	39/15	8/5	
RA4PQ	131,976	360	141	SOU-CW-HP	0/0	0/0	59/36	235/59	62/42	6/4	
R4WT	83,980	338	85	SOU-CW-LP	0/0	36/17	40/11	258/49	12/8	0/0	
RM4R	47,375	191	125	SOU-CW-HP	0/0	3/3	88/46	66/51	33/22	3/3	
RK4W	33,226	187	74	SOU-CW-LP	0/0	0/0	50/24	125/38	7/6	11/6	UA4WAU
UA9FGJ	13,284	84	81	SOU-CW-HP	0/0	0/0	8/7	53/52	21/20	2/2	
Kazakhstan											
UN8PT	186,102	415	126	SO-MIX-LP	0/0	11/10	13/12	268/60	121/41	3/3	
UN7ZAF	102,885	281	95	SO-PH-LP	0/0	0/0	72/33	193/40	24/19	3/3	
UN7CN	125,763	305	111	SO-CW-LP	0/0	5/5	42/31	216/54	48/21	0/0	
UN7ID	13,200	104	33	SO-CW-LP	0/0	0/0	4/4	103/29	0/0	0/0	
UNØC	243	11	9	SO-CW-LP	0/0	0/0	0/0	1/1	0/0	10/8	
UN9L	697,832	1,027	152	SOU-MIX-HP	18/11	38/18	80/37	808/54	92/26	6/6	
UN1ZZZ	16,960	120	40	MSHP	0/0	0/0	49/9	72/27	8/4	0/0	UN7ZW UN7ZZ
Call	Score	QSOs	Mults	Category	160	80	40	20	15	10	Operator(s) and/or Host
Zone 31											
Asiatic Russia											
RA9UAD	2,542	38	31	SO-MIX-HP	0/0	0/0	2/2	25/19	12/10	0/0	
RJ9U	86,960	279	80	SO-PH-HP	0/0	0/0	13/11	250/50	25/19	0/0	

R9OCN	53,218	220	59	SO-PH-LP	0/0	0/0	0/0	219/55	6/4	0/0	
R9VA	48,622	243	46	SO-PH-HP	0/0	0/0	0/0	248/46	0/0	0/0	
R9UA	22,294	112	71	SO-PH-HP	0/0	0/0	2/2	96/50	22/19	0/0	
RX9UKF	10,656	74	48	SO-PH-LP	0/0	0/0	31/23	37/20	6/5	0/0	
R9VK	952	22	14	SO-PH-LP	0/0	0/0	0/0	22/14	0/0	0/0	
RZ9OW	246	11	6	SO-PH-LP	0/0	0/0	0/0	9/4	2/2	0/0	
RZ8U	26,754	155	42	SO-CW-LP	0/0	0/0	0/0	126/27	36/15	0/0	
UD8V	11,120	82	40	SO-CW-LP	0/0	0/0	0/0	87/40	0/0	0/0	
RV9UP	668,716	891	188	SOU-MIX-LP	11/9	82/20	92/43	630/77	85/34	6/5	
RK8I	510,738	855	138	SOU-MIX-HP	0/0	0/0	89/41	720/72	58/25	0/0	
RZ9UO	287,118	610	117	SOU-MIX-LP	0/0	0/0	56/23	479/66	76/25	4/3	
R8OA	397,420	660	155	SOU-CW-LP	0/0	50/16	125/45	449/69	56/25	0/0	
RW9OW	310,777	695	101	SOU-CW-HP	0/0	0/0	15/9	605/59	97/32	1/1	
UA9UX	34,973	199	41	SOU-CW-LP	0/0	0/0	11/9	193/32	0/0	0/0	
RA9UN	20,682	115	54	SOU-CW-HP	0/0	0/0	0/0	100/43	18/11	0/0	
RK9UE	17,751	99	61	SOU-CW-LP	0/0	0/0	43/30	55/30	1/1	0/0	
RU9YF	7,785	63	45	SOU-CW-LP	0/0	0/0	21/14	34/23	8/8	0/0	
UI9I	2,149,944	2,119	232	MSHP	8/8	113/37	400/58	1,546/93	93/36	0/0	R9HBA R9IR RU9I
Kazakhstan											
UN7QF	31,161	159	51	SO-MIX-HP	0/0	0/0	0/0	130/31	34/20	0/0	
UN7FW	211,720	424	134	SO-CW-HP	0/0	39/17	45/27	283/63	59/27	0/0	
UP2F	1,533	27	21	SO-CW-LP	0/0	0/0	1/1	27/20	0/0	0/0	UN8FM
UN9GD	408,135	793	115	SOU-CW-HP	0/0	0/0	0/0	607/74	182/34	9/7	
Call	Score	QSOs	Mults	Category	160	80	40	20	15	10	Operator(s) and/or Host
Zone 32											
Asiatic Russia											
UAØACG	123,552	354	104	SO-MIX-HP	5/5	17/11	97/25	227/51	14/9	5/3	
RAØAY	6,560	62	40	SO-MIX-LP	0/0	0/0	2/2	49/28	12/10	0/0	
UCØA	603,972	860	171	SO-CW-HP	0/0	84/26	240/47	464/65	78/33	0/0	
RØAA	238,832	486	118	SO-CW-HP	0/0	5/2	46/36	425/65	16/15	0/0	
RTØO	195,240	451	120	SO-CW-LP	0/0	6/5	54/31	335/61	32/15	35/8	
RØRC	15,510	100	47	SO-CW-LP	0/0	0/0	0/0	91/39	4/4	5/4	
UAØA	5,130	53	30	SO-CW-LP	0/0	0/0	0/0	55/30	0/0	0/0	
UAØSBQ/P	2,464	36	22	SO-CW-QRP	0/0	0/0	3/3	33/19	0/0	0/0	

Canary Islands											
EA8AQV	28,650	126	75	SO-MIX-LP	0/0	0/0	13/12	59/26	21/18	35/19	
EA8ZT	22,420	109	76	SO-MIX-LP	0/0	11/9	50/29	14/13	32/22	4/3	
EA8RP	8,880	64	40	SO-MIX-LP	0/0	0/0	0/0	49/23	11/11	7/6	
ED8H	333,828	573	132	SO-PH-LP	0/0	0/0	64/40	502/75	22/15	2/2	
EC8AQQ	98,462	268	91	SO-PH-LP	0/0	0/0	0/0	123/42	99/31	56/18	
EA8CTK	4,725	49	27	SO-PH-LP	0/0	0/0	0/0	0/0	51/27	0/0	
EA8AD	810	17	10	SO-PH-LP	0/0	0/0	0/0	21/10	0/0	0/0	
EF8R	10,493,648	5,150	436	MSHP	83/39	433/58	920/91	2,018/116	1,442/89	336/43	EA8AH EA8CMX EA8RM R4FO RA3AUU RA5A RA6LBS RW4WR UA4FER UA5C
Madeira Islands											
CT3KN	323,910	623	118	SO-MIX-LP	0/0	0/0	392/48	142/31	92/33	10/6	
CT3HF	199,168	390	128	SOU-MIX-HP	0/0	0/0	33/29	208/46	109/31	43/22	
CR3Z	23,576	113	56	MSHP	0/0	1/1	0/0	66/29	43/23	4/3	CT3AB CT3FH
Call	Score	QSOs	Mults	Category	160	80	40	20	15	10	Operator(s) and/or Host
Zone 37											
Algeria											
7X2VFK	92,400	306	77	SO-PH-LP	0/0	0/0	0/0	121/34	135/22	68/21	
Balearic Islands											
EA6EA	11,825	105	55	SO-PH-LP	0/0	1/1	10/10	71/27	16/11	8/6	
EA6AMM	1,376	31	32	SO-PH-LP	0/0	0/0	0/0	5/5	20/20	7/7	
EF6T	1,402,674	1,644	273	SOU-MIX-HP	22/18	126/42	175/59	618/73	630/58	88/23	EA3AIR
EA6ZS	46,452	192	98	SOU-CW-LP	0/0	0/0	53/30	109/41	20/14	13/13	
Morocco											
CN3A	5,064,336	3,388	342	MSHP	32/28	153/48	835/73	1,057/83	1,032/75	353/35	IK2LFF IK2QEI
Portugal											
CT7AHV	173,144	466	92	SO-PH-HP	0/0	0/0	39/26	377/45	63/21	0/0	
CS7/DO3HK	9,176	92	37	SO-PH-LP	0/0	0/0	0/0	96/37	0/0	0/0	
CS7AKW	3,298	41	34	SO-PH-LP	0/0	0/0	3/3	23/15	11/10	6/6	

CR7ARB		576	22	12	SO-PH-LP	0/0	0/0	0/0	24/12	0/0	0/0	
CT7ABE		3	1	1	SO-PH-LP	0/0	0/0	1/1	0/0	0/0	0/0	
CT1DRB		112,988	424	94	SO-CW-LP	0/0	1/1	129/27	156/29	130/30	11/7	
CT1DJE		19,684	112	74	SO-CW-QRP	0/0	0/0	35/24	47/26	31/22	2/2	
CT1BOL		181,335	697	77	SOU-PH-HP	0/0	0/0	0/0	713/77	0/0	0/0	
CT7ANO		10,693	137	17	SOU-PH-HP	0/0	0/0	0/0	141/17	0/0	0/0	
CT1EBM		600	14	12	SOU-PH-LP	0/0	0/0	0/0	14/10	2/2	0/0	
CT5GOJ		72	6	6	SOU-PH-LP	0/0	0/0	0/0	0/0	0/0	6/6	
CR6K		1,521,144	1,774	222	MSHP	7/7	33/31	309/44	1,024/67	362/45	73/28	CT1CJJ CT1ILT
Spain												
EA5/DK5IM		466,264	944	167	SO-MIX-LP	8/8	131/32	151/33	243/41	357/35	76/18	
EA3IAA		79,920	230	148	SO-MIX-HP	0/0	20/18	29/28	127/60	50/30	13/12	
EA4IE		17,766	144	47	SO-MIX-LP	3/2	2/1	5/4	16/10	116/26	8/4	
EA2BD		14,740	88	55	SO-MIX-LP	0/0	2/1	11/10	44/22	27/18	4/4	
EA4CFT		11,450	83	50	SO-MIX-LP	0/0	0/0	26/14	28/13	19/13	12/10	
EA1AV		7,436	73	52	SO-MIX-LP	2/2	3/2	20/15	25/13	19/14	7/6	
EA7BUU		6,364	60	43	SO-MIX-HP	0/0	0/0	0/0	21/20	13/9	27/14	
EA5DD		5,814	66	51	SO-MIX-LP	0/0	6/5	14/13	16/12	26/17	5/4	
EA7FRX		4,056	52	39	SO-MIX-LP	0/0	3/3	8/5	8/7	30/21	3/3	
EA5HKA		3,520	54	32	SO-MIX-LP	0/0	0/0	0/0	38/20	14/8	6/4	
EA1NL		2,805	41	33	SO-MIX-LP	0/0	2/1	25/18	13/12	2/1	1/1	
EA5ICS		1,430	35	26	SO-MIX-LP	0/0	2/1	11/10	14/9	8/5	2/1	
EA1SV		1,248	38	26	SO-MIX-LP	0/0	2/1	2/1	9/5	8/7	17/12	
EA1CRL		3	-2	0	SO-MIX-LP	0/0	0/0	0/0	0/0	0/0	0/0	
EA3CI		371,342	781	166	SO-PH-HP	9/9	26/23	125/39	443/52	166/34	16/9	
EA5HRV		363,588	765	164	SO-PH-HP	0/0	6/6	57/35	422/72	268/36	31/15	
EB1DJ		91,102	405	82	SO-PH-HP	0/0	0/0	0/0	184/36	119/27	117/19	
EE1Y		50,018	206	89	SO-PH-LP	0/0	8/8	0/0	112/41	74/28	16/12	EA1YB
EA5/MMØGOR		47,502	204	91	SO-PH-LP	0/0	0/0	8/8	150/48	21/14	30/21	MMØGOR
EA1ANB		47,045	195	97	SO-PH-LP	0/0	0/0	39/31	113/44	45/17	5/5	
EA2WD		36,100	174	95	SO-PH-LP	0/0	0/0	38/28	103/40	26/19	10/8	
EA4GSL		31,789	159	83	SO-PH-LP	0/0	0/0	21/16	101/39	35/19	10/9	
EA4FJX		28,269	149	81	SO-PH-LP	0/0	0/0	14/12	102/42	29/18	13/9	
EA1DHB		25,899	141	89	SO-PH-LP	0/0	1/1	32/26	61/31	22/14	27/17	
EA7NL		15,950	127	58	SO-PH-LP	0/0	0/0	6/6	82/24	24/16	17/12	
EA4YC		14,079	95	57	SO-PH-HP	0/0	2/2	10/9	28/18	50/23	10/5	

EC4CWT		13,172	92	74	SO-PH-LP	0/0	0/0	32/30	14/12	30/21	19/11	
EA3YM		12,600	102	63	SO-PH-LP	0/0	0/0	15/14	60/27	16/12	12/10	
EA4FVT		10,080	76	60	SO-PH-LP	0/0	1/1	11/10	28/19	26/21	12/9	
EA1NO		6,685	77	35	SO-PH-LP	0/0	0/0	0/0	80/35	0/0	0/0	
EA3DNC		4,876	62	46	SO-PH-LP	0/0	0/0	11/11	31/17	16/13	5/5	
EA7IIW		4,370	47	38	SO-PH-HP	0/0	1/1	14/13	24/14	11/9	2/1	
EA4GEO		4,059	55	41	SO-PH-LP	0/0	2/2	15/13	32/19	6/5	2/2	
EA4ESW		2,584	42	34	SO-PH-LP	0/0	0/0	2/2	36/27	5/4	1/1	
EA3GYE		2,263	39	31	SO-PH-QRP	0/0	0/0	0/0	19/16	16/11	6/4	
EA4GIL		980	25	20	SO-PH-LP	0/0	0/0	3/3	22/17	0/0	0/0	
EA1AA		864	26	27	SO-PH-LP	1/1	1/1	25/25	0/0	0/0	0/0	
EA4LG		312	12	13	SO-PH-LP	0/0	0/0	11/11	1/1	0/0	1/1	
EA5IMM		20	5	4	SO-PH-LP	0/0	2/1	1/1	1/1	1/1	0/0	
EA1OT		3	-1	2	SO-PH-LP	0/0	0/0	0/0	1/1	1/1	0/0	
EA5YU		366,366	660	183	SO-CW-HP	1/1	33/23	99/42	239/58	246/38	45/21	
EA3NN		303,584	566	179	SO-CW-HP	0/0	34/27	103/43	251/55	155/35	32/19	
EF3A		126,080	532	80	SO-CW-LP	0/0	0/0	53/14	223/28	209/24	60/14	EA3KU
EA1BDX		33,280	204	52	SO-CW-LP	0/0	0/0	0/0	207/52	0/0	0/0	
EA5CP		33,120	160	90	SO-CW-LP	0/0	0/0	27/17	56/25	55/34	24/14	
EA4ESP		22,910	125	58	SO-CW-LP	0/0	1/1	26/16	86/30	12/10	1/1	
EE2A		19,312	118	68	SO-CW-QRP	0/0	0/0	32/19	67/29	16/14	6/6	EA2SN
EF7AAW		13,419	199	21	SO-CW-LP	0/0	0/0	0/0	204/21	0/0	0/0	
EA4RE		11,466	78	63	SO-CW-LP	0/0	4/4	10/10	32/23	30/21	5/5	
EB7KA		1,440	52	10	SO-CW-LP	0/0	0/0	0/0	0/0	0/0	54/10	
EA2CAR		376	17	8	SO-CW-QRP	0/0	0/0	0/0	18/8	0/0	0/0	
EA5VN		64	8	8	SO-CW-LP	0/0	1/1	1/1	2/2	3/3	1/1	
EA5DF		225,720	662	99	SOU-MIX-HP	2/1	7/6	9/8	467/38	118/25	101/21	
EA1AOQ		116,754	418	87	SOU-MIX-LP	0/0	1/1	21/13	346/47	16/13	45/13	
ED1V		83,424	254	132	SOU-MIX-HP	0/0	15/14	50/39	136/49	28/20	28/10	
EA3AH		61,122	227	122	SOU-MIX-LP	1/1	16/15	56/38	132/46	16/12	14/10	
EA5ERA		44,352	206	72	SOU-MIX-LP	0/0	0/0	1/1	170/40	28/17	25/14	
EA5FIV		39,788	290	49	SOU-MIX-HP	0/0	0/0	0/0	0/0	222/31	74/18	
EA5GX		38,425	201	53	SOU-MIX-LP	0/0	2/1	2/1	124/22	59/23	16/6	
EA7RU		29,610	175	70	SOU-MIX-HP	0/0	1/1	14/11	72/27	41/17	50/14	
EA1FA		27,744	192	51	SOU-MIX-LP	0/0	2/1	14/11	170/31	4/3	7/5	
EA2DPS		15,960	120	76	SOU-MIX-LP	3/2	12/11	28/26	63/26	14/10	1/1	
EC1DD		13,566	109	42	SOU-MIX-LP	0/0	0/0	27/18	85/24	0/0	0/0	

EA1WX		11,803	145	29	SOU-MIX-HP	0/0	2/1	2/1	137/24	2/1	3/2	
EB2RA		6,552	70	52	SOU-MIX-HP	2/1	11/8	27/19	11/8	9/8	12/8	
EA5GIE		5,850	68	39	SOU-MIX-HP	0/0	2/1	66/35	2/1	2/1	1/1	
EA1AER		3,885	45	37	SOU-MIX-QRP	0/0	2/2	15/12	8/6	17/12	5/5	
EA2AF		3,626	50	37	SOU-MIX-LP	0/0	1/1	8/7	30/19	12/9	1/1	
EA5FX		2,400	52	15	SOU-MIX-LP	2/1	2/1	42/10	2/1	2/1	2/1	
EA5GMB		1,809	39	27	SOU-MIX-HP	2/1	2/1	2/1	3/2	18/14	12/8	
EA5KK		1,377	31	17	SOU-MIX-LP	2/1	4/3	20/10	2/1	2/1	2/1	
EA3CX		851	29	23	SOU-MIX-LP	14/13	2/1	2/1	6/5	3/2	2/1	
EA5ASM		588	20	21	SOU-MIX-LP	1/1	1/1	3/3	10/9	4/3	4/4	
EA1DFP		345	21	15	SOU-MIX-HP	3/2	2/1	9/8	3/2	2/1	2/1	
EA7GV		209	13	11	SOU-MIX-HP	0/0	2/1	1/1	3/2	1/1	9/6	
EA3IAZ		115	11	5	SOU-MIX-LP	0/0	0/0	0/0	17/5	0/0	0/0	
EF1W		1,086,692	1,548	214	SOU-PH-HP	12/12	77/34	196/54	847/77	445/34	3/3	EA1WS
ED7O		1,006,416	1,322	241	SOU-PH-HP	6/6	29/24	198/52	616/80	400/52	92/27	
EC5NJ		331,788	683	172	SOU-PH-LP	0/0	6/6	97/43	359/63	120/38	116/22	
ED3T		217,540	478	149	SOU-PH-HP	0/0	16/14	52/31	347/65	22/18	48/21	
EA7KI		102,432	396	88	SOU-PH-HP	0/0	0/0	76/34	320/38	14/12	4/4	
ED1MK		82,829	273	113	SOU-PH-LP	0/0	3/3	39/30	179/42	49/23	17/15	EA1MK
EA7ZY		77,349	403	69	SOU-PH-HP	0/0	0/0	0/0	288/32	107/28	18/9	
EA2ECA		75,402	261	118	SOU-PH-HP	0/0	2/2	29/26	150/48	44/22	44/20	
EA5HYJ		47,355	195	105	SOU-PH-LP	0/0	0/0	48/31	109/47	15/11	27/16	
EA7ELY		24,411	133	79	SOU-PH-LP	0/0	0/0	49/32	65/32	18/11	4/4	
EA4NI		23,821	123	83	SOU-PH-LP	0/0	1/1	28/24	75/42	13/12	6/4	
EA5WZ		22,274	121	86	SOU-PH-LP	0/0	5/5	37/30	54/31	26/15	5/5	
EA4GQJ		19,740	135	60	SOU-PH-LP	0/0	0/0	1/1	92/32	36/19	13/8	
EA4BMG		16,240	110	70	SOU-PH-LP	0/0	0/0	22/20	51/25	38/16	11/9	
EA1AJV		11,024	98	53	SOU-PH-LP	0/0	0/0	5/5	41/25	36/12	19/11	
EA3Ezd		9,585	81	71	SOU-PH-HP	0/0	7/7	24/22	26/22	24/20	0/0	
EA3GZA		3,959	49	37	SOU-PH-LP	0/0	0/0	11/10	40/24	3/3	0/0	
EA2CCG		2,068	40	22	SOU-PH-HP	0/0	0/0	0/0	36/18	4/4	0/0	
EA5WU		1,980,084	1,832	314	SOU-CW-HP	38/35	54/45	321/62	936/89	412/58	98/25	
EF5F		826,580	1,266	185	SOU-CW-HP	2/2	15/15	244/47	707/58	282/43	37/20	EA5FV
EA5KV		230,760	865	72	SOU-CW-HP	1/1	1/1	1/1	703/42	106/12	64/15	
EA3KX		190,629	381	177	SOU-CW-QRP	0/0	44/26	138/53	143/58	37/25	21/15	
EA2HW		107,814	332	119	SOU-CW-LP	0/0	9/9	32/21	200/49	77/28	18/12	
EA3AR		83,619	469	57	SOU-CW-LP	0/0	0/0	0/0	471/57	0/0	0/0	

A71AE	17,654	104	91	SO-MIX-HP	0/0	11/11	15/13	30/29	35/26	15/12	
Saudi Arabia											
7Z1SJ	714,384	973	176	SO-MIX-HP	0/0	13/11	208/51	537/63	50/26	180/25	
HZ1TT	8,022	88	21	SO-PH-LP	0/0	0/0	95/21	0/0	0/0	0/0	
HZ1TL	45,496	232	47	SOU-PH-LP	0/0	0/0	79/22	152/19	7/6	0/0	
Turkey											
TA4RC	44,688	158	84	SO-PH-LP	0/0	2/2	11/9	75/36	50/22	21/15	
TA2LP	40,640	154	80	SO-PH-LP	0/0	0/0	7/5	73/39	62/24	15/12	
TA1BX	25,080	168	57	SO-PH-LP	0/0	0/0	15/11	72/25	49/7	45/14	
TA3IWS	18,970	103	70	SO-PH-LP	0/0	0/0	15/14	24/17	36/19	28/20	
TA1API	15,048	107	72	SO-PH-HP	0/0	13/13	50/31	36/21	9/7	0/0	
TA2ANK	3,072	40	24	SO-PH-LP	0/0	0/0	0/0	39/23	1/1	0/0	
TA3EP	2,190	33	30	SO-PH-LP	0/0	0/0	4/4	15/10	11/10	6/6	
TA4A	115,752	290	106	SO-CW-LP	0/0	12/10	83/29	126/33	67/25	11/9	
TA4MA	24,986	117	62	SO-CW-LP	0/0	0/0	34/18	55/18	17/13	18/13	
TA3/HB9FIH	4,900	51	28	SO-CW-QRP	0/0	0/0	0/0	53/28	0/0	0/0	HB9FIH
TA1CH	1,260	28	18	SO-CW-LP	0/0	0/0	0/0	23/12	2/2	5/4	
TA3X	424	13	8	SOU-MIX-HP	0/0	8/5	0/0	5/3	0/0	0/0	
TA2ACW	1,809	31	27	SOU-PH-LP	0/0	0/0	0/0	19/15	13/12	0/0	
TC4A	205,785	545	85	MSHP	0/0	0/0	13/6	252/32	232/30	60/17	
YM3VBR	5,180	50	37	MSHP	0/0	0/0	3/3	34/22	8/8	6/4	TA2AWM TA3KS TB3DTS
United Arab Emirates											
A61FK	81,346	240	89	SO-PH-HP	0/0	0/0	18/16	176/48	53/25	0/0	
A65DC	60,956	192	98	SO-PH-HP	0/0	1/1	12/10	93/47	81/35	5/5	
A61HA	1,330	24	19	SO-PH-LP	0/0	0/0	0/0	23/16	1/1	2/2	
Call	Score	QSOs	Mults	Category	160	80	40	20	15	10	Operator(s) and/or Host
Zone 40											
Iran											
EP2LMA	48,114	185	66	SOU-PH-LP	0/0	0/0	59/22	70/22	60/22	0/0	
Call	Score	QSOs	Mults	Category	160	80	40	20	15	10	Operator(s) and/or Host
Zone 41											

India												
VU2DCC	15,900	100	53	SO-MIX-LP	0/0	0/0	0/0	81/34	20/18	1/1		
VU2DED	12,048	89	48	SO-MIX-LP	0/0	0/0	0/0	68/34	21/14	0/0		
VU2JOS	9,292	74	46	SO-MIX-HP	0/0	0/0	18/12	54/30	5/4	0/0		
VU2GRM	5,840	54	40	SO-MIX-LP	0/0	3/2	19/17	31/18	4/3	0/0		
VU2YQ	1,275	21	15	SO-PH-LP	0/0	0/0	0/0	25/15	0/0	0/0		
VU3BUN	392	11	8	SO-PH-LP	0/0	0/0	0/0	9/6	2/2	0/0		
VU2BL	126	9	6	SO-PH-LP	0/0	0/0	0/0	6/3	3/3	0/0		
VU3SIO	126	7	6	SO-PH-LP	0/0	0/0	0/0	7/6	0/0	0/0		
VU3OXH	64	6	4	SO-PH-LP	0/0	0/0	0/0	5/3	1/1	0/0		
VU3SXL	21	3	3	SO-PH-LP	0/0	0/0	0/0	4/3	0/0	0/0		
VU2OEC	3	-2	0	SO-PH-LP	0/0	0/0	0/0	0/0	0/0	0/0		
VU2AVG	7,812	75	28	SO-CW-LP	0/0	0/0	0/0	55/17	30/11	0/0		
VU2BGS	6,908	59	44	SO-CW-LP	0/0	1/1	2/2	22/14	24/17	12/10		
VU2IBI	5,890	53	38	SO-CW-HP	0/0	0/0	0/0	29/22	31/16	0/0		
VU3XIO	48	4	4	SOU-PH-LP	0/0	0/0	0/0	4/4	0/0	0/0		
VU2DLH	2,613	51	13	MSHP	0/0	0/0	0/0	60/13	0/0	0/0	VU2EXX VU2UUU VU2VUV VU3CAV VU3NPI	
Call	Score	QSOs	Mults	Category	160	80	40	20	15	10	Operator(s) and/or Host	
Zone 42												
China												
BGØBAC	5,148	52	33	SOU-PH-LP	0/0	0/0	0/0	45/25	8/8	0/0		
BGØAXS	1,944	30	18	SOU-PH-LP	0/0	0/0	2/2	35/16	0/0	0/0		
Call	Score	QSOs	Mults	Category	160	80	40	20	15	10	Operator(s) and/or Host	
Zone 43												
China												
BG8GAM	14,152	88	58	SO-PH-LP	0/0	0/0	2/2	60/35	27/19	2/2		
BA8AT	59,360	312	56	SO-CW-HP	0/0	0/0	0/0	0/0	318/56	0/0		
BG6SZD	112	8	7	SO-CW-QRP	0/0	0/0	0/0	1/1	8/6	0/0		
BH8ASZ	31,800	156	75	SOU-MIX-LP	0/0	3/3	29/21	61/24	41/19	33/8		
BG8SRK	5,699	55	41	SOU-MIX-LP	0/0	0/0	14/10	29/18	16/11	2/2		

BG8SXC	3,069	41	31	SOU-MIX-LP	0/0	0/0	10/10	21/13	10/8	0/0	
BG8TFN	3,040	50	19	SOU-PH-LP	0/0	0/0	0/0	56/19	0/0	0/0	
BA8BA	905,752	1,304	172	SOU-CW-HP	0/0	0/0	382/42	455/59	350/57	135/14	
BA7QT	325,190	562	155	SOU-CW-HP	0/0	4/4	143/45	253/51	148/45	28/10	
BD8NBS	3,456	46	24	SOU-CW-LP	0/0	0/0	59/24	0/0	0/0	0/0	
BH9BCK	2,070	34	23	SOU-CW-LP	0/0	0/0	8/5	22/12	5/5	1/1	
BG7TJA	680	20	17	SOU-CW-QRP	0/0	0/0	1/1	7/6	9/6	4/4	
Call	Score	QSOs	Mults	Category	160	80	40	20	15	10	Operator(s) and/or Host
Zone 44											
China											
BD7BW	30,492	174	63	SO-MIX-LP	0/0	1/1	13/11	62/26	74/19	32/6	
BG5BDY	21,320	130	65	SO-MIX-LP	0/0	0/0	10/9	61/31	38/17	26/8	
BD7KBB	15,504	129	48	SO-MIX-LP	0/0	0/0	0/0	57/23	71/22	12/3	
BH1NGG	1,911	49	21	SO-MIX-LP	0/0	0/0	1/1	16/8	19/6	15/6	
BI4QZW	42	7	6	SO-MIX-LP	0/0	0/0	2/2	1/1	3/2	1/1	
BI4SWR	18	6	3	SO-MIX-LP	0/0	0/0	2/1	2/1	2/1	0/0	
BH4DCL	4	3	4	SO-MIX-LP	0/0	0/0	4/3	0/0	1/1	0/0	
BH3SCC	14,688	96	54	SO-PH-LP	0/0	0/0	12/12	70/35	12/5	2/2	
BD5BPA	1,992	41	24	SO-PH-LP	0/0	0/0	0/0	25/12	13/9	5/3	
BG5BRT	1,518	37	22	SO-PH-LP	0/0	0/0	0/0	16/10	18/8	5/4	
BH3DHE	6	1	2	SO-PH-LP	0/0	0/0	0/0	2/2	0/0	0/0	
BG5IEY	3	1	1	SO-PH-LP	0/0	0/0	0/0	1/1	0/0	0/0	
BA4MY	692,874	1,019	182	SO-CW-HP	0/0	0/0	103/44	530/67	283/58	108/13	
BA3OM	5,980	106	23	SO-CW-LP	0/0	0/0	49/8	2/2	51/9	6/4	
BH1BOQ	840	22	12	SO-CW-LP	0/0	0/0	25/12	0/0	0/0	0/0	
BG2QMO	8,240	84	40	SOU-MIX-LP	0/0	0/0	8/8	46/22	29/9	2/1	
BH4TYL	7,371	79	39	SOU-MIX-LP	0/0	0/0	33/12	15/11	23/11	11/5	
BH7JUO	6,916	75	28	SOU-MIX-LP	0/0	0/0	0/0	76/28	0/0	0/0	
BG3GEF	4,512	55	32	SOU-MIX-LP	0/0	0/0	3/3	41/22	14/7	0/0	
BG4HYK	1,207	33	17	SOU-MIX-LP	0/0	0/0	19/8	6/5	8/3	1/1	
BD6SM	570	21	10	SOU-MIX-HP	0/0	0/0	0/0	12/6	11/4	0/0	
BH4UTT	325	17	13	SOU-MIX-LP	0/0	0/0	9/7	4/3	3/2	2/1	
BH4DQS	138	7	6	SOU-MIX-QRP	0/0	0/0	0/0	7/6	0/0	0/0	
BG9CMG	120	10	10	SOU-MIX-LP	0/0	0/0	0/0	2/2	5/5	4/3	
BG5MVE	84	8	7	SOU-MIX-LP	0/0	0/0	0/0	3/3	5/4	0/0	

BI4VIB		70	6	5	SOU-MIX-LP	0/0	0/0	0/0	1/1	6/4	0/0	
BA4WI		18	6	3	SOU-MIX-QRP	0/0	0/0	0/0	2/1	2/1	2/1	
BG5TZP		3	-1	1	SOU-MIX-LP	0/0	0/0	0/0	0/0	1/1	0/0	
BI4VIP		85,054	337	86	SOU-PH-HP	0/0	0/0	15/9	138/45	191/28	4/4	
BD6AHP		70,928	278	88	SOU-PH-HP	0/0	0/0	42/32	75/42	164/13	1/1	
BD3PXM		9,240	94	42	SOU-PH-LP	0/0	0/0	14/4	47/26	32/9	3/3	
BH4OUF		6,314	66	41	SOU-PH-LP	0/0	0/0	3/3	51/29	12/5	4/4	
BG3MZ		5,084	66	31	SOU-PH-HP	0/0	0/0	0/0	7/5	67/26	0/0	BA3OE
BG5FCH		1,850	36	25	SOU-PH-LP	0/0	0/0	0/0	17/15	16/7	3/3	
BG2VIA		1,740	23	20	SOU-PH-HP	0/0	0/0	4/3	16/11	8/6	0/0	
BD2VJM		768	36	8	SOU-PH-LP	0/0	0/0	0/0	0/0	41/8	0/0	
BA9BF/6		203	11	7	SOU-PH-LP	0/0	0/0	14/7	0/0	0/0	0/0	BA9BF 6
BH1HUK		192	10	8	SOU-PH-LP	0/0	0/0	0/0	10/8	0/0	0/0	
BD4RDU		60	6	6	SOU-PH-LP	0/0	0/0	0/0	6/6	0/0	0/0	
BH4WPN		3	1	1	SOU-PH-LP	0/0	0/0	0/0	1/1	0/0	0/0	
BG7BDB		148,666	645	74	SOU-CW-LP	0/0	0/0	80/12	319/33	154/17	97/12	
BH7PFH		31,680	174	66	SOU-CW-LP	0/0	0/0	35/22	64/23	24/11	57/10	
BH4AYG		25,392	153	48	SOU-CW-LP	0/0	0/0	154/48	0/0	0/0	0/0	
BI4OJF		9,744	91	48	SOU-CW-LP	0/0	0/0	25/12	22/15	39/18	6/3	
BA1PK		9,130	70	55	SOU-CW-LP	0/0	2/2	9/9	35/25	16/13	10/6	
BG5JNT		7,950	110	25	SOU-CW-LP	0/0	0/0	0/0	0/0	117/25	0/0	
BI3NTC		5,796	60	42	SOU-CW-LP	0/0	1/1	23/11	33/22	9/7	1/1	
BI4JDV		3,750	53	30	SOU-CW-LP	0/0	0/0	21/9	12/7	27/14	0/0	
BG4GOV		3,680	50	20	SOU-CW-QRP	0/0	0/0	0/0	52/20	0/0	0/0	BG4GOV QRP
BH6KOK		2,976	41	32	SOU-CW-LP	0/0	0/0	0/0	18/14	25/18	0/0	
BG3UTD		2,299	41	19	SOU-CW-LP	0/0	0/0	0/0	42/19	0/0	0/0	
BH1UVS		2,262	40	13	SOU-CW-LP	0/0	0/0	0/0	46/13	0/0	0/0	
BG4TRN		1,900	33	20	SOU-CW-LP	0/0	0/0	0/0	34/20	0/0	0/0	
BG3ICC		1,330	30	19	SOU-CW-LP	0/0	0/0	14/6	20/13	0/0	0/0	
BD1RCR		546	20	13	SOU-CW-LP	0/0	0/0	0/0	21/13	0/0	0/0	
BI4TNL		209	13	11	SOU-CW-LP	0/0	0/0	8/5	2/2	4/4	0/0	
BG3OJZ		123	15	3	SOU-CW-LP	0/0	0/0	0/0	0/0	0/0	15/3	
BY4SZ		79,638	383	78	MSHP	0/0	8/7	82/28	116/27	160/11	44/5	BD4SX BH4SRC BH4WPN
BY4SCS		7,964	81	44	MSHP	0/0	0/0	11/10	50/24	25/8	2/2	BD4SY BG4SKU BH4SCH BH4SJK
BD3QA		3,420	58	30	MSHP	0/0	0/0	0/0	19/12	31/13	12/5	BA3QU BD3QF BD3RK

BY4AA	950	74	5	MSHP	0/0	0/0	0/0	0/0	0/0	78/5	BA4DQ BG4DZL BG4FA BG4GDN BG4GOV BH4BIN BH4BJP
Hong Kong											
VR2CO	99,004	328	106	SO-MIX-HP	0/0	0/0	95/30	145/50	72/18	21/8	
VR2WOA	1,496	30	17	SO-PH-LP	0/0	0/0	0/0	16/9	16/8	0/0	
VR2ØXMT	21,692	244	34	SOU-MIX-HP	0/0	0/0	3/3	22/14	140/10	86/7	
VR2ØVIY	749	39	7	SOU-MIX-HP	0/0	0/0	0/0	4/3	37/4	0/0	
VR2ØHAM	791	43	7	SOU-CW-HP	0/0	0/0	0/0	5/4	40/3	0/0	VR2VIY
VR2ØC	261,240	655	120	MSHP	0/0	0/0	18/14	335/53	324/44	11/9	BD4CB VR2UNG VR2XAN VR2YDC
VR2ØCC	108,488	548	71	MSHP	0/0	0/0	89/24	263/32	213/12	10/3	VR2ØCH VR2ØGP VR2ØUBC VR2ØVIY VR2ØXMT VR2ØXRW
Republic of Korea											
HL4CEL	23,192	310	26	SO-MIX-HP	0/0	21/2	58/4	69/11	91/5	93/4	
HL1ZIX	26,226	196	47	SO-PH-HP	0/0	0/0	88/13	42/24	74/10	0/0	
HL4RBR	262,032	746	106	SO-CW-HP	0/0	0/0	75/7	387/53	194/34	111/12	
HL2CFY	128,400	416	100	SO-CW-LP	16/3	14/2	87/23	75/39	82/22	146/11	
DS5VTG	36	2	3	SO-CW-LP	0/0	0/0	0/0	3/3	0/0	0/0	
HL1VAU	9,432	86	36	SOU-MIX-LP	0/0	0/0	0/0	79/32	0/0	7/4	
DS5DNO	36,822	313	38	SOU-CW-LP	0/0	0/0	198/20	36/5	84/12	1/1	
Taiwan											
BV9AA	20	2	2	SOU-PH-LP	0/0	0/0	0/0	2/2	0/0	0/0	
Call	Score	QSOs	Mults	Category	160	80	40	20	15	10	Operator(s) and/or Host
Zone 45											
Japan											
JG1VGX	548,550	924	159	SO-MIX-HP	0/0	40/9	189/43	523/58	144/38	47/11	
JR4GPA	208,940	465	124	SO-MIX-LP	1/1	3/2	60/31	274/51	117/31	17/8	
JH1ACA	137,808	319	144	SO-MIX-HP	0/0	5/4	62/41	173/63	61/29	20/7	
JR2PMT	126,016	354	88	SO-MIX-HP	3/3	3/2	50/19	286/52	12/9	7/3	
JA3QOS	105,256	296	118	SO-MIX-HP	0/0	0/0	99/39	138/57	39/15	22/7	

JJ1LBJ	94,100	325	100	SO-MIX-LP	0/0	0/0	60/24	152/43	82/23	38/10
JA2ODB	93,808	274	88	SO-MIX-LP	0/0	0/0	79/25	188/54	16/9	0/0
JA4DPL	92,617	255	101	SO-MIX-HP	0/0	0/0	33/25	148/41	67/25	18/10
JA2XLV	85,000	250	100	SO-MIX-HP	0/0	2/2	55/28	170/56	22/9	10/5
JG4AKL	76,944	235	112	SO-MIX-HP	2/2	3/3	43/22	124/51	55/26	22/8
JQ3TAN	76,464	218	118	SO-MIX-LP	4/4	6/4	47/21	102/55	46/26	19/8
JQ1BVI	71,722	227	94	SO-MIX-HP	1/1	4/4	47/20	154/52	21/11	8/6
JA1CG	67,977	199	91	SO-MIX-HP	0/0	0/0	0/0	166/60	40/26	6/5
JHØNEC	51,743	227	59	SO-MIX-LP	2/2	6/4	19/10	198/34	9/6	5/3
JF1WNT	44,477	175	79	SO-MIX-LP	0/0	0/0	44/21	93/41	23/10	15/7
JA3HBF	42,525	163	81	SO-MIX-HP	0/0	3/2	68/25	68/35	21/15	5/4
JG2RFJ	40,478	177	74	SO-MIX-LP	0/0	0/0	27/12	110/47	28/8	14/7
JE2BOM	38,228	155	76	SO-MIX-HP	0/0	5/5	67/23	44/28	28/14	11/6
JH1FNU	37,924	163	76	SO-MIX-HP	1/1	9/5	50/18	89/37	19/13	2/2
JJ3TBB/3	37,148	200	74	SO-MIX-LP	0/0	4/3	55/22	104/36	33/10	5/3
JF1KWG	32,637	163	69	SO-MIX-LP	2/2	3/2	49/16	59/27	32/15	18/7
JA1SCE	26,169	143	61	SO-MIX-LP	0/0	0/0	44/14	57/28	29/13	14/6
JK1NSR	25,792	142	62	SO-MIX-LP	0/0	0/0	23/9	80/37	32/10	10/6
JK1WSH	25,688	118	76	SO-MIX-HP	0/0	2/2	9/8	65/39	31/17	14/10
JA4DWG	24,430	113	70	SO-MIX-HP	1/1	2/1	34/14	54/35	19/17	3/2
JQ1NGT	20,567	159	54	SO-MIX-QRP	0/0	0/0	0/0	0/0	0/0	0/0
JR3AAZ	19,747	99	91	SO-MIX-LP	1/1	7/4	44/40	0/0	50/40	6/6
JH3OXM	13,623	97	57	SO-MIX-HP	1/1	2/1	12/6	54/34	25/10	6/5
JA2QVP	12,650	85	50	SO-MIX-LP	0/0	2/2	18/10	33/24	27/11	6/3
JA1CRJ	12,455	75	53	SO-MIX-LP	0/0	0/0	23/13	37/26	14/10	6/4
JA1CCN	10,824	80	44	SO-MIX-HP	1/1	2/1	31/12	30/17	9/7	8/6
JE1RRK	10,810	71	46	SO-MIX-LP	0/0	0/0	29/13	39/27	6/6	0/0
JO1WIZ	9,592	78	44	SO-MIX-LP	0/0	0/0	14/8	34/18	21/12	9/6
JL3RDC	9,321	93	39	SO-MIX-HP	0/0	0/0	0/0	46/19	39/13	11/7
JA7SYA	8,240	66	40	SO-MIX-HP	0/0	0/0	14/8	32/20	14/7	8/5
JHØROS/1	4,371	61	31	SO-MIX-LP	0/0	0/0	18/7	7/6	30/13	6/5
JRØGXA	4,061	43	31	SO-MIX-LP	1/1	2/1	11/9	30/20	0/0	0/0
JA1GHR	3,200	40	40	SO-MIX-HP	0/0	2/1	4/4	29/28	6/6	1/1
JF3PLF	3,080	42	28	SO-MIX-LP	0/0	0/0	3/2	29/18	7/5	4/3
JF1TEU	3,016	34	26	SO-MIX-LP	0/0	0/0	0/0	23/16	9/7	3/3
JA3PFY	1,628	28	22	SO-MIX-LP	0/0	0/0	5/4	15/8	10/6	4/4
JA4JCY	931	29	19	SO-MIX-LP	0/0	0/0	1/1	8/8	19/7	4/3

J11NIK		736	26	16	SO-MIX-HP	0/0	0/0	2/1	5/5	12/5	7/5	
JF1OPO		506	16	11	SO-MIX-LP	0/0	2/2	14/9	0/0	0/0	0/0	
JK3UQF		286	14	13	SO-MIX-LP	0/0	0/0	2/1	4/4	5/5	3/3	
JO1JKH		262	13	12	SO-MIX-LP	0/0	0/0	0/0	0/0	0/0	0/0	
JH2XQY		252	12	14	SO-MIX-LP	0/0	0/0	2/2	9/9	1/1	2/2	
JE1RNN		237	11	10	SO-MIX-HP	0/0	0/0	0/0	0/0	0/0	0/0	
JA1XZF		198	8	9	SO-MIX-HP	0/0	0/0	0/0	7/7	1/1	1/1	
JP3PAJ		196	18	7	SO-MIX-LP	0/0	0/0	0/0	0/0	0/0	18/7	
J17OED/7		180	10	10	SO-MIX-LP	0/0	0/0	1/1	9/9	0/0	0/0	
JH8CLC/1		126	14	9	SO-MIX-LP	1/1	2/1	2/1	5/4	2/1	2/1	
JRØBUL		84	10	6	SO-MIX-LP	0/0	2/1	2/1	2/2	2/1	2/1	
JH1GLJ		66	7	6	SO-MIX-LP	0/0	0/0	0/0	0/0	5/4	2/2	
JG1DUZ		65	5	5	SO-MIX-LP	1/1	0/0	0/0	4/4	0/0	0/0	
JJ1HHJ		35	7	5	SO-MIX-LP	0/0	0/0	2/1	2/2	3/2	0/0	
JH2GZY		30	5	6	SO-MIX-LP	0/0	0/0	4/4	2/2	0/0	0/0	
7L2LEG/1		24	6	4	SO-MIX-QRP	0/0	0/0	2/1	2/2	0/0	2/1	
JR2EKD		15	5	3	SO-MIX-QRP	1/1	4/2	0/0	0/0	0/0	0/0	
JQ1PMQ		9	3	3	SO-MIX-LP	0/0	0/0	1/1	0/0	1/1	1/1	
JA1DCO		21,608	108	73	SO-PH-HP	0/0	3/3	15/13	58/39	26/12	8/6	
JA8JI		19,530	109	62	SO-PH-LP	0/0	3/3	18/11	60/33	20/7	8/8	
JHØJDV		15,340	110	59	SO-PH-LP	0/0	0/0	16/9	73/36	19/9	5/5	
7N2UQC		14,384	94	58	SO-PH-LP	0/0	1/1	20/14	35/25	30/12	8/6	
JR1QBA		13,500	82	54	SO-PH-LP	0/0	0/0	20/12	38/27	20/10	6/5	
JJØNSL		10,500	70	50	SO-PH-LP	0/0	0/0	0/0	72/50	0/0	0/0	
JA6CVR		6,794	62	43	SO-PH-LP	0/0	0/0	12/10	23/16	19/11	8/6	
JA9CCG		6,688	62	38	SO-PH-HP	0/0	0/0	1/1	40/28	21/9	0/0	
JR2KQE		6,642	56	41	SO-PH-LP	0/0	0/0	0/0	36/25	15/10	6/6	
JH2BTM		5,100	50	34	SO-PH-HP	0/0	1/1	12/8	22/15	14/8	2/2	
JG5UWK		4,554	58	33	SO-PH-LP	0/0	2/2	13/9	21/13	20/7	2/2	
JA4NQD		4,288	48	32	SO-PH-HP	0/0	0/0	0/0	56/32	0/0	0/0	
JM8FEI		4,191	43	33	SO-PH-LP	0/0	1/1	12/9	22/15	2/2	6/6	
JA2MWW		3,828	46	33	SO-PH-QRP	0/0	2/2	19/14	0/0	16/9	9/8	
JA1GVM		2,449	35	31	SO-PH-HP	0/0	1/1	7/6	19/18	7/4	2/2	
JK1BII		2,047	33	23	SO-PH-LP	0/0	0/0	15/11	0/0	18/10	2/2	
JK8CEE		1,840	34	23	SO-PH-LP	0/0	0/0	1/1	22/14	9/5	3/3	
JR3JRI		1,820	26	26	SO-PH-LP	0/0	0/0	6/6	18/17	5/3	0/0	
JA2IXS		1,500	24	25	SO-PH-LP	0/0	0/0	5/5	18/15	5/5	0/0	

JP3MFV		1,330	24	19	SO-PH-LP	0/0	0/0	3/3	17/12	6/4	0/0	
7N4WPY		1,320	34	15	SO-PH-QRP	0/0	0/0	3/3	0/0	32/12	0/0	
JH1MDJ		1,274	27	26	SO-PH-QRP	0/0	0/0	0/0	28/26	0/0	0/0	
JF1DWJ		980	21	20	SO-PH-LP	0/0	0/0	7/6	5/5	8/7	2/2	
JE7KJG		684	25	12	SO-PH-LP	0/0	0/0	0/0	0/0	26/12	0/0	
JR1MRG		588	16	14	SO-PH-LP	0/0	0/0	5/4	4/4	6/5	1/1	
J11NZA		420	17	12	SO-PH-LP	0/0	0/0	1/1	0/0	15/10	1/1	
JA1JLP		395	16	8	SO-PH-LP	0/0	0/0	0/0	0/0	0/0	0/0	
JG1GCO		297	13	11	SO-PH-LP	0/0	0/0	1/1	2/2	8/6	2/2	
JP3OUG		140	8	7	SO-PH-QRP	0/0	0/0	5/5	0/0	3/2	0/0	
JG2REJ		128	8	8	SO-PH-HP	0/0	0/0	1/1	7/6	0/0	1/1	
JR4LRY		42	5	6	SO-PH-LP	0/0	0/0	0/0	0/0	6/6	0/0	
JH3GMI		40	4	5	SO-PH-LP	0/0	0/0	4/4	0/0	1/1	0/0	
JO4IPI		32	4	4	SO-PH-LP	0/0	0/0	4/4	0/0	0/0	0/0	
JS6SRY		18	4	3	SO-PH-LP	0/0	0/0	0/0	0/0	5/3	0/0	
JA6PTH/6		9	3	3	SO-PH-LP	0/0	0/0	3/3	0/0	0/0	0/0	
J11RXQ		307,622	555	146	SO-CW-LP	2/2	8/5	138/36	328/68	70/29	11/6	
JA9CWJ		165,989	343	127	SO-CW-HP	0/0	3/3	51/22	232/62	45/29	16/11	
JA1AYO		95,294	241	106	SO-CW-HP	0/0	5/4	66/26	150/57	22/13	10/6	
JA5NSR		73,904	194	124	SO-CW-HP	1/1	10/6	98/50	48/38	28/20	13/9	
JR3RIU		72,498	271	86	SO-CW-HP	0/0	0/0	67/21	159/51	39/8	12/6	
JA3JM		71,540	222	98	SO-CW-LP	0/0	2/2	53/26	126/49	26/14	16/7	
JA6FFK		68,120	193	104	SO-CW-LP	3/3	2/2	56/20	101/54	23/17	10/8	
JO7KMB		59,558	222	97	SO-CW-HP	3/3	13/6	7/5	145/50	36/26	23/7	
JA1QOW		53,379	175	81	SO-CW-HP	0/0	1/1	44/19	114/47	10/8	6/6	
JJØJML		53,196	206	78	SO-CW-HP	0/0	2/2	104/28	65/27	21/12	16/9	
JA2KKA		48,872	170	82	SO-CW-LP	0/0	0/0	65/27	68/33	33/17	9/5	
JE1VTZ		42,240	168	80	SO-CW-HP	0/0	0/0	0/0	96/45	56/26	17/9	
JA1IZ		41,310	150	81	SO-CW-LP	0/0	0/0	45/14	65/40	33/18	15/9	
JA3DAY		40,478	161	74	SO-CW-HP	0/0	0/0	0/0	133/60	16/8	12/6	
JA1PCM		38,098	155	86	SO-CW-LP	0/0	0/0	6/6	67/42	59/27	27/11	
JM1MTE		37,468	161	76	SO-CW-LP	0/0	3/2	38/14	73/38	23/11	26/11	
JR1NKN		30,528	157	64	SO-CW-QRP	0/0	0/0	28/6	76/32	32/16	21/10	
JA1TBA		30,072	135	56	SO-CW-LP	0/0	0/0	111/41	0/0	31/15	0/0	
JH7IXX		28,920	172	60	SO-CW-LP	0/0	12/3	57/19	73/25	25/10	7/3	
JAØIOF		24,852	128	57	SO-CW-HP	0/0	3/3	57/17	42/23	23/10	5/4	
JR1LEV		23,016	119	56	SO-CW-LP	0/0	2/2	58/19	37/20	14/8	12/7	

J11FLB		22,412	147	52	SO-CW-LP	0/0	13/5	67/21	43/14	19/7	10/5	
JA1AZR		22,173	111	57	SO-CW-LP	0/0	6/5	37/12	46/24	15/9	8/7	
J11LNR		21,978	101	66	SO-CW-HP	0/0	0/0	42/20	49/35	7/7	4/4	
JA1CP		20,768	108	59	SO-CW-LP	5/3	5/4	44/17	44/25	9/9	1/1	
JHØEPI		20,250	132	45	SO-CW-LP	1/1	7/4	42/14	85/26	0/0	0/0	
JAØBJY		20,237	103	59	SO-CW-LP	0/0	0/0	15/11	89/48	0/0	0/0	
JA2GHP		20,119	113	59	SO-CW-LP	0/0	0/0	0/0	83/41	19/11	14/7	
JA6BWH		19,437	101	57	SO-CW-LP	0/0	0/0	39/20	37/19	24/14	4/4	
JH1OVY		17,877	91	59	SO-CW-HP	0/0	5/4	36/18	38/26	6/5	6/6	
JR1AQI		15,484	112	49	SO-CW-LP	0/0	1/1	6/5	54/22	32/12	22/9	
JA2CUS		15,211	107	53	SO-CW-LP	0/0	7/4	50/22	25/12	21/11	6/4	
JH1NXU		11,374	74	47	SO-CW-HP	2/2	1/1	15/7	41/25	11/7	5/5	
JA7MWC		10,783	87	41	SO-CW-LP	0/0	0/0	35/14	24/14	16/7	12/6	
J14WHS		10,184	100	38	SO-CW-LP	0/0	4/3	40/10	0/0	52/18	8/7	
JO7GVC		9,282	71	34	SO-CW-HP	0/0	1/1	67/30	3/3	0/0	0/0	
JJ1KZZ		8,850	57	50	SO-CW-LP	0/0	3/3	18/15	28/22	10/10	0/0	
JE1REU		8,140	63	44	SO-CW-HP	0/0	0/0	10/9	36/23	19/12	0/0	
JM7GTK		7,462	62	41	SO-CW-LP	1/1	1/1	26/14	14/11	14/9	6/5	
JA9EJG		7,176	64	39	SO-CW-LP	0/0	1/1	18/10	17/13	19/11	9/4	
JR4CZM		6,750	68	45	SO-CW-LP	1/1	4/3	12/6	21/20	15/8	18/7	
JR7ASO		6,327	55	37	SO-CW-LP	0/0	0/0	27/11	20/17	5/5	5/4	
JA1KEV		5,841	47	33	SO-CW-LP	0/0	0/0	0/0	67/33	0/0	0/0	
JF3KCH		5,481	95	27	SO-CW-HP	0/0	1/1	16/8	39/7	28/7	12/4	
JL1LNC		5,320	54	38	SO-CW-HP	1/1	2/2	18/8	21/17	11/7	3/3	
JH1WOY		5,313	53	33	SO-CW-LP	0/0	0/0	10/5	18/14	14/8	12/6	
JA6ELV		5,162	52	29	SO-CW-LP	0/0	0/0	54/29	0/0	0/0	0/0	
JH1MTR/4		4,977	63	21	SO-CW-LP	0/0	0/0	64/21	0/0	0/0	0/0	
JF2FIU		4,536	60	28	SO-CW-HP	0/0	1/1	15/6	11/9	23/7	11/5	
JA6BCV		4,408	48	29	SO-CW-HP	0/0	0/0	0/0	23/14	25/15	0/0	
JA4GQD		4,323	51	33	SO-CW-LP	0/0	0/0	5/5	27/15	12/8	8/5	
JR3NDM		4,114	47	34	SO-CW-LP	0/0	0/0	14/8	20/15	10/8	4/3	
J11TSH		3,888	40	24	SO-CW-HP	0/0	0/0	13/7	19/10	11/7	0/0	
JE2HCJ		3,042	43	18	SO-CW-LP	0/0	0/0	41/15	1/1	2/2	0/0	
JA4ENY		2,940	45	28	SO-CW-LP	0/0	0/0	9/4	24/13	10/7	4/4	
JE7MAY		2,775	35	25	SO-CW-LP	0/0	2/2	21/11	4/4	2/2	6/6	
JS1OYN		2,413	43	19	SO-CW-HP	1/1	1/1	37/13	1/1	2/2	1/1	
JAØMOQ		2,369	37	23	SO-CW-LP	0/0	0/0	0/0	38/23	0/0	0/0	

JK1SDQ		2,050	30	25	SO-CW-LP	2/2	3/3	5/4	16/11	3/3	2/2	
J11SAI		2,050	30	25	SO-CW-LP	0/0	0/0	1/1	31/20	2/2	2/2	
JN3DMJ		2,002	35	26	SO-CW-QRP	0/0	3/2	14/8	6/5	6/6	6/5	
JH2RMU		1,836	28	18	SO-CW-LP	0/0	0/0	0/0	28/18	0/0	0/0	
7K1JFM		1,794	32	23	SO-CW-LP	0/0	0/0	1/1	19/13	7/5	5/4	
JR8QFG		1,550	28	25	SO-CW-LP	0/0	1/1	4/3	12/11	6/6	5/4	
JA7AXP		1,476	26	21	SO-CW-HP	0/0	0/0	0/0	0/0	0/0	0/0	
JK1LUY		1,449	27	21	SO-CW-HP	0/0	1/1	2/2	15/11	4/3	5/4	
JA3RAZ		1,105	27	17	SO-CW-LP	0/0	0/0	0/0	0/0	30/17	0/0	
JF1AZQ		1,050	21	14	SO-CW-LP	0/0	0/0	1/1	19/11	1/1	1/1	
JM1XTB		950	27	10	SO-CW-QRP	0/0	0/0	27/10	0/0	0/0	0/0	
J11BBN		864	20	18	SO-CW-LP	0/0	1/1	1/1	11/9	6/6	1/1	
JE3CXJ		819	23	13	SO-CW-LP	0/0	1/1	15/6	7/5	1/1	0/0	
JK1HIY		741	17	19	SO-CW-LP	0/0	0/0	0/0	19/19	0/0	0/0	
J13NOF		664	21	8	SO-CW-QRP	0/0	0/0	23/8	0/0	0/0	0/0	
JF7GDF		644	16	14	SO-CW-LP	0/0	0/0	5/3	2/2	10/8	1/1	
JA1UOA		585	15	9	SO-CW-HP	0/0	0/0	0/0	15/9	0/0	0/0	
JA9LX		583	15	11	SO-CW-LP	0/0	0/0	3/2	12/9	0/0	0/0	
JF1HJZ		561	17	17	SO-CW-HP	0/0	0/0	2/2	20/12	2/2	1/1	
J12GZC		304	16	4	SO-CW-LP	0/0	0/0	16/4	0/0	0/0	0/0	
JR4INQ		256	12	8	SO-CW-LP	0/0	0/0	4/3	1/1	0/0	7/4	
JH1BCS		250	11	10	SO-CW-LP	0/0	2/2	5/4	3/3	1/1	0/0	
JH9JFH		155	7	5	SO-CW-LP	0/0	0/0	7/5	0/0	0/0	0/0	
JG1BGT		105	11	7	SO-CW-QRP	0/0	0/0	3/3	5/1	2/2	1/1	
JH8CXW		95	7	5	SO-CW-HP	0/0	0/0	3/1	1/1	1/1	2/2	
JJ1ENZ		91	9	7	SO-CW-LP	0/0	0/0	0/0	3/3	8/4	0/0	
JN1DNV		84	6	6	SO-CW-LP	0/0	1/1	4/4	0/0	1/1	0/0	
JF3ROH		68	5	4	SO-CW-QRP	0/0	0/0	3/2	2/2	0/0	0/0	
JA8CEA		64	8	8	SO-CW-LP	0/0	0/0	1/1	5/5	2/2	0/0	
JG3EHD		64	4	4	SO-CW-LP	0/0	0/0	0/0	4/4	0/0	0/0	
JE3ECD		42	4	7	SO-CW-HP	0/0	0/0	0/0	7/7	0/0	0/0	
JF1GZZ		36	5	4	SO-CW-LP	0/0	0/0	0/0	0/0	5/4	0/0	
JA6JKE		35	5	7	SO-CW-LP	0/0	0/0	1/1	2/2	2/2	2/2	
JE6TUP		5	1	1	SO-CW-LP	0/0	0/0	0/0	1/1	0/0	0/0	
JJ2RON		3	1	1	SO-CW-HP	0/0	0/0	0/0	0/0	0/0	0/0	
JO3EVM		3	1	1	SO-CW-LP	0/0	0/0	0/0	1/1	0/0	0/0	
JE1GZB		3	3	1	SO-CW-LP	0/0	0/0	0/0	3/1	0/0	0/0	

JA9XAT		3	1	1	SO-CW-QRP	0/0	1/1	0/0	0/0	0/0	0/0	
JM1NKT		325,120	590	160	SOU-MIX-LP	6/5	23/9	122/33	299/70	108/30	33/13	
JE4CIL		226,484	421	164	SOU-MIX-HP	1/1	5/3	65/39	271/77	73/37	10/7	
JA1BPA		218,124	402	146	SOU-MIX-HP	0/0	1/1	18/16	334/97	54/31	2/1	
7K1CPT		153,754	403	118	SOU-MIX-HP	2/2	3/2	69/21	218/63	93/21	26/9	
JG7AMD		124,227	299	129	SOU-MIX-HP	0/0	0/0	65/32	157/60	57/27	21/10	
JN1THL		115,014	332	87	SOU-MIX-HP	0/0	0/0	76/23	237/48	30/11	7/5	
JA2AXB		108,459	285	103	SOU-MIX-HP	0/0	1/1	84/35	202/61	8/6	0/0	
JO3PSJ		47,201	193	77	SOU-MIX-LP	0/0	0/0	7/4	127/50	46/15	15/8	
JH5HDA		14,432	114	44	SOU-MIX-LP	0/0	0/0	48/15	44/16	15/7	10/6	
JA2PFO		14,063	97	41	SOU-MIX-LP	0/0	0/0	82/27	4/4	8/6	7/4	
JN1VFF		8,208	66	38	SOU-MIX-LP	0/0	2/1	31/13	10/7	22/15	2/2	
JK1TCV		7,749	61	41	SOU-MIX-QRP	1/1	3/2	19/8	32/25	4/4	2/1	
JA1UII		6,030	52	45	SOU-MIX-LP	0/0	2/1	8/6	34/29	7/6	4/3	
JA7OZW		5,490	57	30	SOU-MIX-LP	0/0	0/0	0/0	57/30	0/0	0/0	
J11HFJ		4,832	55	32	SOU-MIX-LP	0/0	3/2	19/9	9/7	16/9	8/5	
JE8FYE		1,680	34	20	SOU-MIX-LP	0/0	1/1	13/5	6/5	4/3	11/6	
JE6PJP		1,343	37	17	SOU-MIX-LP	0/0	0/0	4/2	0/0	23/9	10/6	
JA7ZP		1,320	26	20	SOU-MIX-LP	1/1	4/3	22/15	0/0	0/0	1/1	
JA5FNX		1,071	27	21	SOU-MIX-HP	0/0	0/0	3/3	7/6	11/7	6/5	
JR4VEV		120	13	8	SOU-MIX-HP	1/1	2/1	2/1	2/1	2/1	4/3	
JJ2QXI		84	10	6	SOU-MIX-LP	0/0	2/1	3/2	2/1	3/2	0/0	
JA1HGY		66	11	6	SOU-MIX-HP	1/1	2/1	2/1	2/1	2/1	2/1	
JA1ZGP		12	4	3	SOU-MIX-LP	0/0	0/0	2/1	0/0	0/0	2/2	JR2QZI
JA3AOP		151,776	338	144	SOU-PH-HP	0/0	8/5	69/41	167/63	94/32	3/3	
JH5MXB		43,289	199	73	SOU-PH-HP	0/0	0/0	13/11	131/44	59/18	0/0	
JA4JCC		3	0	0	SOU-PH-LP	0/0	0/0	0/0	0/0	0/0	0/0	
JH1EAQ		400,128	596	192	SOU-CW-LP	0/0	28/13	132/52	323/77	82/37	33/13	
JA3MQY		202,692	436	127	SOU-CW-HP	0/0	0/0	187/49	217/55	28/16	8/7	
JJ3JL		193,402	400	149	SOU-CW-HP	4/4	13/6	107/47	225/63	40/24	13/5	
JG6JAV		186,140	437	164	SOU-CW-LP	6/4	8/6	161/52	152/61	83/30	33/11	
JG1LFR		162,486	304	153	SOU-CW-HP	2/2	15/10	86/40	139/64	41/24	23/13	
JE1NVD		141,246	321	114	SOU-CW-HP	0/0	0/0	52/19	226/66	34/21	10/8	
JA2XYO		130,000	320	100	SOU-CW-HP	2/2	2/2	12/12	290/67	20/14	3/3	
JE1SGH		121,647	281	129	SOU-CW-LP	0/0	3/3	43/17	164/67	50/30	21/12	
JA1BJI		115,825	281	113	SOU-CW-LP	0/0	3/3	55/22	179/60	23/17	21/11	
JH1RFM		95,040	262	96	SOU-CW-HP	0/0	1/1	72/27	171/53	23/15	0/0	

JF1LMB		45,927	161	81	SOU-CW-LP	0/0	5/4	56/23	69/32	20/12	15/10	
JA4XHF/3		36,520	136	83	SOU-CW-LP	0/0	1/1	24/17	83/42	22/18	7/5	
JH1CTV		32,580	153	60	SOU-CW-HP	0/0	1/1	67/15	61/27	20/11	7/6	
JR2AWS		31,760	131	80	SOU-CW-HP	2/2	1/1	29/23	62/33	32/17	7/4	
JA2HYD		30,016	136	67	SOU-CW-HP	0/0	2/2	36/13	69/31	26/18	6/3	
JA3VOV		28,329	143	71	SOU-CW-HP	2/2	7/5	76/29	38/24	13/6	8/5	
JA4OPW		20,262	105	66	SOU-CW-HP	3/3	2/2	50/27	36/21	10/9	4/4	
JH7RTQ		15,557	117	47	SOU-CW-HP	0/0	0/0	0/0	0/0	103/38	15/9	
7K4VPV		10,332	70	41	SOU-CW-LP	0/0	0/0	37/11	25/22	9/8	0/0	
JK1FUP		8,365	75	35	SOU-CW-LP	0/0	0/0	2/2	46/18	14/8	13/7	
J11PBK		4,669	49	23	SOU-CW-LP	0/0	0/0	0/0	49/23	0/0	0/0	
JJ1NYH		4,624	68	68	SOU-CW-HP	1/1	2/2	18/18	36/36	8/8	3/3	
JH2FXK		4,424	48	28	SOU-CW-HP	3/3	2/2	41/20	3/3	0/0	0/0	
JAØBZY		4,080	44	34	SOU-CW-LP	1/1	0/0	12/7	23/19	3/2	7/5	
JE2CPI		1,550	30	25	SOU-CW-LP	0/0	2/2	1/1	13/13	3/3	11/6	
JH1GBO		1,494	27	18	SOU-CW-LP	0/0	0/0	10/3	5/5	6/4	6/6	
JRØZEW		1,443	27	13	SOU-CW-LP	0/0	1/1	26/12	0/0	0/0	0/0	JA1BNW
JM8GJB		1,296	26	18	SOU-CW-LP	0/0	0/0	1/1	0/0	21/14	4/3	
7N4KQM		1,080	34	20	SOU-CW-LP	0/0	1/1	1/1	14/8	5/3	13/7	
JF1OVA		450	17	10	SOU-CW-LP	0/0	0/0	0/0	0/0	0/0	17/10	
JR1LLD		341	11	11	SOU-CW-QRP	0/0	0/0	0/0	0/0	11/11	0/0	
JK7DWD		256	16	16	SOU-CW-LP	0/0	1/1	2/2	11/11	2/2	0/0	
JQ1EPD		196	8	7	SOU-CW-LP	0/0	0/0	0/0	8/7	0/0	0/0	
JH2KKW		132	8	6	SOU-CW-QRP	0/0	0/0	0/0	0/0	0/0	8/6	
JA1LKY		114	7	6	SOU-CW-LP	0/0	0/0	0/0	0/0	6/5	1/1	
JF2KWM		66	7	6	SOU-CW-LP	0/0	1/1	1/1	0/0	4/3	1/1	
JJ2ICA		64	8	8	SOU-CW-LP	0/0	0/0	0/0	8/8	0/0	0/0	
JA4AVO		40	4	4	SOU-CW-LP	0/0	0/0	4/4	0/0	0/0	0/0	
J13KDH		24	4	4	SOU-CW-LP	0/0	0/0	0/0	0/0	0/0	4/4	
JF1WCK		20	4	5	SOU-CW-LP	0/0	1/1	0/0	1/1	3/3	0/0	
JA2KCY		15	3	3	SOU-CW-LP	0/0	0/0	0/0	2/2	1/1	0/0	
JR8VSE		914,751	1,299	201	MSHP	7/3	18/8	273/58	772/89	204/33	55/10	JE8KKX JR8VSE
JH4UTP		746,172	1,081	196	MSHP	1/1	5/4	243/57	601/77	217/45	35/12	JF3NRI JH4NMT JH4UTP
JK2VOC		39,809	179	77	MSHP	2/2	24/5	34/15	83/34	28/16	9/5	
JJ2YDV		5,088	57	32	MSHP	0/0	2/2	5/3	20/10	21/11	10/6	JF2RCX JG2KGS JI2QIX JS2PHO

Ogasawara												
JD1BIA	32	4	4	SO-MIX-LP	0/0	0/0	2/2	1/1	1/1	0/0		
Call	Score	QSOs	Mults	Category	160	80	40	20	15	10	Operator(s) and/or Host	
Zone 48												
Kenya												
5Z4NM	1,472	24	16	SO-PH-LP	0/0	0/0	0/0	25/16	0/0	0/0	5Z4 LZ4NM	
Call	Score	QSOs	Mults	Category	160	80	40	20	15	10	Operator(s) and/or Host	
Zone 49												
Laos												
XW1IC	461,423	759	157	SO-CW-HP	0/0	1/1	90/32	338/59	317/54	20/11	E21EIC	
Thailand												
E2ØYLM	15,687	101	63	SO-MIX-LP	0/0	1/1	10/8	33/22	47/24	13/8		
HSØZIA	431,256	718	151	SO-PH-HP	0/0	0/0	69/45	450/52	176/40	37/14		
HS5SRH	116,964	315	108	SO-PH-LP	0/0	0/0	12/10	201/55	104/37	6/6		
E2ØNGF	23,484	142	57	SO-PH-LP	0/0	0/0	0/0	119/44	28/13	0/0		
HS5ZLD	1,012	24	23	SO-PH-LP	0/0	0/0	0/0	0/0	25/23	0/0		
HS4WLA	468	16	13	SO-PH-LP	0/0	0/0	0/0	12/9	4/4	0/0		
HS8LVC	435	15	15	SO-PH-LP	0/0	0/0	0/0	16/13	2/2	0/0		
E21FYK	217	7	7	SO-PH-LP	0/0	0/0	3/2	6/5	0/0	0/0		
E24UAY	16	2	2	SO-PH-LP	0/0	0/0	0/0	2/2	0/0	0/0		
HSØZLM	128,991	389	93	SO-CW-LP	0/0	0/0	8/8	279/48	116/34	5/3		
E21YDP	54,873	233	63	SO-CW-LP	0/0	0/0	13/9	179/32	45/22	0/0		
HS3PIK	2,982	46	21	SOU-MIX-HP	0/0	0/0	0/0	47/18	4/3	0/0		
HS8HEX	952	26	17	SOU-MIX-LP	0/0	0/0	1/1	16/8	8/6	2/2		
HSØZCW	550	18	11	SOU-MIX-HP	0/0	0/0	0/0	19/10	1/1	0/0		
E23HSW	1,971	31	27	SOU-PH-LP	0/0	0/0	0/0	25/22	7/5	0/0		
HS8JWH	2,025	33	27	SOU-CW-LP	0/0	0/0	3/2	9/7	19/16	2/2		
HS8JYX	1,800	28	25	SOU-CW-LP	0/0	0/0	0/0	16/13	14/12	0/0		
E27EK	4	2	2	SOU-CW-QRP	0/0	0/0	0/0	1/1	1/1	0/0		
E28AI	19,108	115	68	MSHP	0/0	0/0	3/2	78/40	31/22	6/4	E23WQD E24NQN HSØKQR HS5NFP HS9YBR	

E27AH	6,594	61	42	MSHP	0/0	0/0	0/0	63/31	9/9	2/2	E23KQE E24YOY HS4UEL HS4YQG HS4YSB
Vietnam											
XV9NPS	26,130	216	39	SO-CW-LP	0/0	0/0	0/0	112/19	74/13	35/7	
XV2HQ	924	28	11	MSHP	0/0	0/0	0/0	37/11	0/0	0/0	XV2A XV2B XV2M XV2MT XV2T
Call	Score	QSOs	Mults	Category	160	80	40	20	15	10	Operator(s) and/or Host
Zone 50											
Philippines											
DW3TRZ	13,490	101	38	SO-MIX-LP	0/0	0/0	71/18	0/0	26/15	5/5	
4F3FSK	10,296	82	33	SO-MIX-HP	0/0	1/1	16/7	56/15	12/9	1/1	
DU7P	65,904	303	48	SO-PH-LP	0/0	0/0	1/1	315/47	0/0	0/0	
DU1AVC	9,160	67	40	SO-PH-LP	0/0	0/0	5/5	58/30	5/5	0/0	
DU7OK	1,548	39	12	SO-PH-LP	0/0	0/0	40/12	0/0	0/0	0/0	
DU4DXT	396	10	11	SO-PH-QRP	0/0	0/0	1/1	12/10	0/0	0/0	
DV3KRD	330	14	11	SO-PH-LP	0/0	0/0	13/8	1/1	3/2	0/0	
4G1ZYP	296	11	8	SO-PH-LP	0/0	0/0	0/0	0/0	11/8	0/0	
DV1MG	203	9	7	SO-PH-HP	0/0	0/0	0/0	0/0	9/7	0/0	
DV7FCC	76	7	4	SO-PH-LP	0/0	0/0	7/4	0/0	0/0	0/0	
DU1WBX	7,392	52	33	SO-CW-LP	0/0	0/0	18/10	42/21	1/1	1/1	
N7ET/DU7	2,737	31	23	SO-CW-QRP	0/0	0/0	9/4	12/9	11/10	0/0	
DU7HF	132	6	6	SO-CW-LP	0/0	0/0	0/0	3/3	3/3	0/0	
DU1EV	19,434	116	41	MSHP	0/0	0/0	12/9	22/8	99/24	0/0	DU1EV DV1XAF DV1XMT DW1LIV DW1NCI DW1OCS DW1PPP DW1SER
DX3H	14,630	100	35	MSHP	0/0	0/0	13/10	74/16	15/7	2/2	4F3BZ 4F3OM 4F3PH DU1BA DU3CWM DV3CQ
DX1EVM	10,444	97	28	MSHP	0/0	0/0	50/13	54/15	0/0	0/0	DU1DZ DU1EMJ DU1EOV DU1JW DU1SH DU1SPB DU1UV DV1VJY DV1WGF DW1VVU
Call	Score	QSOs	Mults	Category	160	80	40	20	15	10	Operator(s) and/or Host

Zone 51											
Indonesia											
YB9WZJ	4,212	52	26	SO-PH-LP	0/0	0/0	23/11	32/15	0/0	0/0	
YD9XYP	3,591	51	21	SO-PH-LP	0/0	0/0	57/21	0/0	0/0	0/0	
YB9YBB	300	12	10	SO-PH-LP	0/0	0/0	8/6	1/1	3/3	0/0	
YD9SCN	18,860	110	41	SO-CW-LP	0/0	0/0	33/13	0/0	80/28	0/0	
YC9SWQ	60	4	6	SO-CW-QRP	0/0	0/0	0/0	1/1	6/5	0/0	
YC8BJK/9	2,600	40	20	SOU-PH-LP	0/0	0/0	33/9	0/0	11/11	0/0	YC8BJK 9
YD9YSS	2,080	36	16	SOU-PH-LP	0/0	0/0	43/16	0/0	0/0	0/0	
YB9WA	180	10	6	SOU-PH-LP	0/0	0/0	10/6	0/0	0/0	0/0	
YD9RWY	480	12	10	SOU-CW-LP	0/0	0/0	5/4	0/0	9/6	0/0	
Call	Score	QSOs	Mults	Category	160	80	40	20	15	10	Operator(s) and/or Host
Zone 52											
Dem. Rep. of the Congo											
9Q6BB	16,956	113	36	SO-MIX-HP	0/0	0/0	6/5	7/3	105/28	0/0	
Call	Score	QSOs	Mults	Category	160	80	40	20	15	10	Operator(s) and/or Host
Zone 53											
Madagascar											
5R8SV	43,860	222	43	SOU-MIX-LP	0/0	0/0	4/4	183/23	38/16	0/0	
Reunion Island											
FR4QT	183,516	506	82	MSHP	0/0	0/0	4/4	174/35	350/43	0/0	FR F5PLC FR4PV FR4QT
Call	Score	QSOs	Mults	Category	160	80	40	20	15	10	Operator(s) and/or Host
Zone 54											
Brunei Darussalam											
V85T	8,460	102	18	SO-MIX-LP	0/0	0/0	4/2	112/13	10/3	0/0	
East Malaysia											
9M6XRO	144,738	340	99	SO-MIX-HP	0/0	0/0	24/15	205/51	114/33	0/0	
9W6MUL	4,180	68	22	SO-PH-LP	0/0	0/0	68/22	0/0	0/0	0/0	

9M6GOH		2,740	33	20	SO-PH-LP	0/0	0/0	0/0	20/12	16/8	0/0	
9W6AJA		780	38	13	SO-PH-LP	0/0	0/0	38/13	0/0	0/0	0/0	
9W6EZ		176	14	8	SO-PH-LP	0/0	0/0	14/8	0/0	0/0	0/0	
9W8AAM		33	7	3	SO-PH-LP	0/0	0/0	8/3	0/0	0/0	0/0	
9M6YBG		112	6	4	SO-CW-LP	0/0	0/0	0/0	0/0	6/4	0/0	
9W6FAD		2,240	58	16	SOU-PH-LP	0/0	0/0	61/16	0/0	0/0	0/0	
Indonesia												
YB1AR		120,392	310	101	SO-MIX-LP	0/0	1/1	12/8	217/58	107/34	0/0	
YD1DGZ		25,758	145	54	SO-MIX-LP	0/0	0/0	91/35	0/0	56/19	0/0	
YB3IZK		8,342	64	43	SO-MIX-LP	0/0	0/0	21/10	16/12	33/19	2/2	
YB6DE		990	24	9	SO-MIX-QRP	0/0	0/0	0/0	28/9	0/0	0/0	
YD8UYJ		252	18	9	SO-MIX-LP	0/0	0/0	16/6	0/0	4/3	0/0	
YBØANN		198	10	9	SO-MIX-QRP	0/0	0/0	1/1	3/3	6/5	0/0	
YC8QT		11,400	90	38	SO-PH-LP	0/0	0/0	54/21	26/9	12/8	0/0	
YB3RO		10,500	104	42	SO-PH-HP	0/0	0/0	109/42	0/0	0/0	0/0	
YB5BOY		9,324	71	36	SO-PH-LP	0/0	0/0	0/0	76/36	0/0	0/0	
YG7SPN		2,950	52	25	SO-PH-LP	0/0	0/0	53/25	0/0	0/0	0/0	
YC6BDD		2,652	36	26	SO-PH-HP	0/0	0/0	37/26	0/0	0/0	0/0	
YD8UXV		1,962	47	18	SO-PH-LP	0/0	0/0	49/18	0/0	0/0	0/0	
YC1HLT		544	20	17	SO-PH-LP	0/0	0/0	20/15	0/0	2/2	0/0	
YB2CPO		418	22	11	SO-PH-LP	0/0	0/0	20/9	0/0	2/2	0/0	
YC2GV		350	11	10	SO-PH-QRP	0/0	0/0	13/10	0/0	0/0	0/0	
YB1EME		330	14	11	SO-PH-HP	0/0	0/0	15/11	0/0	0/0	0/0	
YCØLBT		126	10	7	SO-PH-LP	0/0	0/0	10/7	0/0	0/0	0/0	
YD3IMS		120	22	6	SO-PH-LP	0/0	0/0	27/6	0/0	0/0	0/0	
YDØSDD		100	18	5	SO-PH-LP	0/0	0/0	20/5	0/0	0/0	0/0	
YDØRLX		99	7	9	SO-PH-LP	0/0	0/0	10/9	0/0	0/0	0/0	
YC7JYD		80	4	5	SO-PH-LP	0/0	0/0	0/0	0/0	5/5	0/0	
YG3DFB		55	3	5	SO-PH-QRP	0/0	0/0	5/5	0/0	0/0	0/0	
YG3CHA		8	8	1	SO-PH-LP	0/0	0/0	8/1	0/0	0/0	0/0	
YD5KLH		6	6	1	SO-PH-LP	0/0	0/0	6/1	0/0	0/0	0/0	
YC1ELP		3	1	1	SO-PH-QRP	0/0	0/0	1/1	0/0	0/0	0/0	
YB8TK		20,520	118	38	SO-CW-HP	0/0	0/0	11/6	73/21	48/11	0/0	
YC1LZT		477	11	9	SO-CW-LP	0/0	0/0	0/0	20/9	0/0	0/0	
YC2VOC		42	5	6	SO-CW-QRP	0/0	0/0	4/4	2/2	0/0	0/0	
YB8HZ		32	8	4	SO-CW-LP	0/0	0/0	9/4	0/0	0/0	0/0	

Call	Score	QSOs	Mults	Category	160	80	40	20	15	10	Operator(s) and/or Host
Zone 56											
Vanuatu											
YJØGA	9,828	92	26	SO-MIX-LP	0/0	0/0	0/0	96/26	0/0	0/0	
Call	Score	QSOs	Mults	Category	160	80	40	20	15	10	Operator(s) and/or Host
Zone 57											
Namibia											
V51YJ	3,926	39	26	SO-CW-LP	0/0	25/19	14/7	0/0	0/0	0/0	
South Africa											
ZS1TMJ	4,048	46	23	SO-PH-HP	0/0	0/0	0/0	48/22	1/1	0/0	
ZS2NF	744	18	12	SO-CW-LP	0/0	4/4	15/8	0/0	0/0	0/0	
ZS6BRZ	608	16	8	SOU-MIX-HP	0/0	0/0	3/2	14/6	0/0	0/0	
Call	Score	QSOs	Mults	Category	160	80	40	20	15	10	Operator(s) and/or Host
Zone 58											
Australia											
VK6DW	3,861	45	27	SOU-MIX-HP	0/0	0/0	26/12	20/15	0/0	0/0	
Call	Score	QSOs	Mults	Category	160	80	40	20	15	10	Operator(s) and/or Host
Zone 59											
Australia											
VK7GN	97,753	325	67	SO-MIX-HP	0/0	0/0	56/13	204/28	75/26	0/0	
VK3GK	8,800	73	32	SO-MIX-HP	0/0	10/5	63/27	0/0	0/0	0/0	
VK2CZ	5,432	58	28	SO-PH-HP	0/0	0/0	59/28	0/0	0/0	0/0	
VK2GZZ	2,261	33	19	SO-PH-LP	0/0	0/0	13/10	24/9	0/0	0/0	
VK5ZZ	798	19	14	SO-PH-LP	0/0	0/0	14/10	6/4	0/0	0/0	
VK7QP	324	12	9	SO-PH-HP	0/0	0/0	12/9	0/0	0/0	0/0	
VK2GR	51,210	248	45	SO-CW-HP	0/0	0/0	255/45	0/0	0/0	0/0	
VK7BO	40,896	146	72	SO-CW-HP	0/0	12/7	70/27	51/26	16/12	0/0	
VK2KJJ	9,020	58	41	SO-CW-HP	0/0	9/5	12/9	27/17	14/10	0/0	
VK7CW	44,088	220	44	SOU-CW-HP	0/0	10/8	94/13	115/21	2/2	0/0	

A31MM	299,630	680	95	SO-CW-HP	0/0	0/0	241/37	320/38	132/19	1/1	JA6WFM
Call	Score	QSOs	Mults	Category	160	80	40	20	15	10	Operator(s) and/or Host
Zone 63											
South Cook Islands											
E51AND	9,436	87	28	SO-MIX-HP	0/0	6/5	69/17	15/5	1/1	0/0	
Call	Score	QSOs	Mults	Category	160	80	40	20	15	10	Operator(s) and/or Host
Zone 64											
Guam											
NH2DX	108,452	317	76	SOU-CW-HP	0/0	0/0	0/0	241/53	49/18	29/5	KG6DX
AH2R	806,130	1,112	159	MSHP	0/0	8/5	417/54	496/63	215/34	8/3	JE6HIB AH2EG JI3ERV NH2C JR7OMD WI3O

