

2019 IARU HF World Championships

Results are grouped by ITU zone.

Within each zone, results are sorted by location, type of category (SO, SOU, M), then by score in descending order.

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

Operating Category:

- MSHP = Multioperator, Single Transmitter, High Power
- SO-CW-HP = Single Operator, CW Only, High Power
- SO-CW-LP = Single Operator, CW Only, Low Power
- SO-CW-QRP = Single Operator, CW Only, QRP
- SO-MIX-HP = Single Operator, Mixed Mode, High Power
- SO-MIX-LP = Single Operator, Mixed Mode, Low Power
- SO-MIX-QRP = Single Operator, Mixed Mode, QRP
- SO-PH-HP = Single Operator, Phone Only, High Power
- SO-PH-LP = Single Operator, Phone Only, Low Power
- SO-PH-QRP = Single Operator, Phone Only, QRP
- SOU-CW-HP = Single Operator Unlimited, CW Only, High Power
- SOU-CW-LP = Single Operator Unlimited, CW Only, Low Power
- SOU-CW-QRP = Single Operator Unlimited, CW Only, QRP
- SOU-MIX-HP = Single Operator Unlimited, Mixed Mode, High Power
- SOU-MIX-LP = Single Operator Unlimited, Mixed Mode, Low Power
- SOU-MIX-QRP = Single Operator Unlimited, Mixed Mode, QRP
- SOU-PH-HP = Single Operator Unlimited, Phone Only, High Power
- SOU-PH-LP = Single Operator Unlimited, Phone Only, Low Power
- SOU-PH-QRP = Single Operator Unlimited, Phone Only, QRP

Call	Score	QSOs	Mults	Category	160	80	40	20	15	10	Operator(s) and/or Host
Zone 1											
Alaska											
KLØR	610,092	1,295	126	SO-MIX-HP	4/3	23/9	381/37	784/60	100/16	3/1	
NL7V	60,590	233	73	SO-MIX-HP	0/0	0/0	53/18	180/55	0/0	0/0	
AL7JX	3,288	42	24	SO-CW-LP	0/0	0/0	14/10	25/11	3/3	0/0	
KL2YE	1,860	39	15	SOU-PH-LP	0/0	2/1	26/10	11/4	0/0	0/0	
AL7KC	704	20	16	SOU-PH-HP	0/0	0/0	0/0	20/16	0/0	0/0	
Zone 2											
Alaska											
KL4OB	480	18	10	SOU-PH-LP	0/0	3/2	9/2	6/6	0/0	0/0	
Canada											
Alberta											
VE6JF	9,196	142	22	SO-MIX-LP	0/0	0/0	75/10	67/12	0/0	0/0	
VA6WWW	41,268	231	57	SO-CW-LP	0/0	7/5	73/16	143/31	7/4	1/1	
VE6/KE5JA	1,000	40	8	SO-CW-LP	0/0	0/0	0/0	40/8	0/0	0/0	
British Columbia											
VE7UF	780,710	1,806	133	SO-MIX-HP	31/8	164/18	342/29	1,217/63	51/14	1/1	VE7JH
VE7BNR	756	21	12	SO-PH-LP	1/1	1/1	3/2	16/8	0/0	0/0	
VE7DZO	395,400	984	120	SO-CW-HP	1/1	128/22	408/35	438/56	8/5	1/1	
VE7JKZ	106,997	495	71	SO-CW-HP	9/6	84/13	165/26	235/24	2/2	0/0	
VA7ST	103,194	540	63	SO-CW-HP	10/4	71/13	179/13	275/31	5/2	0/0	
VA7RN	45,368	274	53	SO-CW-HP	0/0	0/0	97/16	171/32	6/5	0/0	
VA7MM	22,402	162	46	SO-CW-HP	7/3	18/6	19/10	104/21	14/6	0/0	
VE7KW	18,720	157	40	SO-CW-HP	0/0	21/8	73/13	63/19	0/0	0/0	
VE7NY	6,570	156	15	SO-CW-HP	0/0	0/0	53/6	103/9	0/0	0/0	
VE7YU	2,142	35	17	SO-CW-LP	0/0	0/0	28/12	7/5	0/0	0/0	
VE7AHT	385	23	5	SO-CW-QRP	0/0	0/0	0/0	23/5	0/0	0/0	
VE7BGP	984	25	12	SOU-MIX-LP	0/0	0/0	1/1	24/11	0/0	0/0	
VE7IO	21,960	153	45	SOU-CW-HP	0/0	11/9	20/10	120/24	2/2	0/0	
VA7DZ	92,748	528	59	MSHP	0/0	23/4	193/23	309/30	3/2	0/0	VA7DZ, VA7KH, VA7VK, VE3YT
VE7GOG	5,859	88	21	MSHP	0/0	0/0	20/7	65/12	3/2	0/0	VA7CPC, VA7RPE
Zone 3											
Call	Score	QSOs	Mults	Category	160	80	40	20	15	10	Operator(s) and/or Host

Canada											
Manitoba											
VE4TLA	96	9	4	SO-PH-LP	0/0	0/0	0/0	9/4	0/0	0/0	
VE4EA	193,842	712	89	SO-CW-HP	0/0	60/11	243/36	325/29	75/10	9/3	
Saskatchewan											
VE5SF	1,496	66	8	SO-CW-LP	0/0	0/0	0/0	66/8	0/0	0/0	
VE5/WB9QAF	780	27	12	SO-CW-QRP	0/0	0/0	8/5	19/7	0/0	0/0	
VE5MX	1,503,675	2,275	205	SOU-MIX-HP	21/10	127/21	650/62	1,215/68	222/36	40/8	
Call	Score	QSOs	Mults	Category	160	80	40	20	15	10	Operator(s) and/or Host
Zone 4											
Canada											
Greater Toronto Area											
VE3AT	1,947,668	2,592	226	SO-MIX-HP	35/10	240/42	618/54	1,181/58	393/45	125/17	
VE3SST	71,040	326	80	SO-MIX-LP	5/3	22/6	89/22	154/31	41/14	15/4	
VE3BR	4,844	59	28	SO-MIX-LP	0/0	29/8	7/5	23/15	0/0	0/0	
VE3RZ	580,920	819	235	SOU-MIX-HP	40/15	129/42	223/60	287/67	114/39	26/12	
VE3TW	129,708	419	108	SOU-MIX-HP	0/0	1/1	97/35	255/47	66/25	0/0	
VA3FF	81,445	293	91	SOU-MIX-LP	4/3	9/6	128/32	133/36	15/10	4/4	
VE3GFN	75,855	396	65	SOU-MIX-LP	0/0	0/0	84/16	231/33	68/10	13/6	
VE3NZ	529,065	1,207	135	SOU-CW-HP	34/7	64/12	469/48	560/50	80/18	0/0	
VE3NE	386,230	983	130	SOU-CW-HP	39/7	129/19	256/44	341/35	173/17	45/8	
VE3MA	112,668	491	82	SOU-CW-LP	11/4	29/5	125/27	204/31	75/8	47/7	
VE3HEU	3,388	91	14	SOU-CW-LP	0/0	0/0	91/14	0/0	0/0	0/0	
Ontario East											
VE3TG	197,613	569	117	SO-MIX-LP	18/6	28/8	152/36	217/36	102/22	52/9	
VE3WRL	78,556	349	82	SO-MIX-LP	0/0	26/8	144/27	93/28	55/14	31/5	
VA3ZNQ	57,904	227	88	SO-PH-HP	0/0	8/7	53/31	129/34	37/16	0/0	
VA3TPS	34,220	200	58	SO-PH-LP	0/0	2/2	27/11	122/30	41/12	8/3	
VE3RVZ	14,850	110	50	SO-PH-LP	0/0	0/0	14/12	85/30	10/7	1/1	
VA3NW	12,040	108	40	SO-PH-LP	0/0	2/2	14/12	89/23	2/2	1/1	
VE3MCF	4,082	61	26	SO-PH-LP	0/0	0/0	16/5	36/16	9/5	0/0	
VA3MYC	1,581	39	17	SO-PH-QRP	0/0	5/3	6/4	21/4	5/4	2/2	
VE3PHV	884	23	13	SO-PH-LP	0/0	0/0	0/0	23/13	0/0	0/0	
VE3LBU	287	12	7	SO-PH-LP	0/0	0/0	1/1	11/6	0/0	0/0	
VE3MT	272	14	8	SO-PH-LP	0/0	0/0	14/8	0/0	0/0	0/0	
VE3JM	2,016,214	2,450	227	SO-CW-HP	117/26	260/37	456/49	1,108/58	405/41	104/16	
VE3KP	237,160	714	110	SO-CW-HP	25/4	60/10	120/33	279/38	142/16	88/9	
VE3TM	190,183	611	101	SO-CW-LP	0/0	24/10	154/28	256/39	98/16	79/8	
VE3VN	101,909	322	101	SO-CW-LP	0/0	66/24	100/30	110/18	36/23	10/6	
VE3LC	51,282	269	63	SO-CW-LP	0/0	12/5	73/15	129/29	29/7	26/7	
VE3BXG	5,698	143	14	SO-CW-LP	0/0	2/1	0/0	73/4	21/3	47/6	
VE3IGJ	2,739	94	11	SO-CW-LP	0/0	0/0	0/0	94/11	0/0	0/0	
VE3PJ	45,144	293	54	SOU-MIX-LP	0/0	17/5	223/28	43/12	9/8	1/1	
VE3QN	1,380	41	15	SOU-MIX-LP	0/0	4/3	2/2	15/5	16/3	4/2	
VA3WW	6,300	59	42	SOU-PH-HP	0/0	0/0	34/22	24/19	1/1	0/0	
VE3HED	2,736	36	24	SOU-PH-HP	0/0	0/0	0/0	36/24	0/0	0/0	
VE3EZB	2,166	41	19	SOU-PH-LP	0/0	0/0	1/1	38/16	2/2	0/0	
VE3NNT	723,450	1,212	175	SOU-CW-HP	0/0	102/28	374/55	602/61	134/31	0/0	
VE3UTT	1,504,140	1,792	258	MSHP	24/10	253/49	484/69	745/76	190/35	96/19	VE3EY, VE3UTT, VE3XB
Ontario North											
VA3KXS	189	11	7	SO-PH-QRP	0/0	0/0	1/1	5/3	4/2	1/1	
VE3SSJ	13,034	118	38	SO-CW-HP	0/0	0/0	56/18	0/0	62/20	0/0	VE7VR
VE3CX	738,375	1,442	165	SOU-CW-HP	31/7	134/29	183/44	692/54	185/20	217/11	
Ontario South											
VE3EJ	2,284,035	2,688	255	SO-MIX-HP	108/24	290/44	594/56	1,045/57	465/46	186/28	
VE3DZ	1,775,227	2,383	233	SO-MIX-HP	92/12	240/45	668/57	890/54	342/39	151/26	
VA3RER	270	20	5	SO-PH-LP	0/0	0/0	0/0	20/5	0/0	0/0	
VE3DX	105	21	5	SO-PH-LP	0/0	0/0	0/0	0/0	0/0	0/0	
K2NV/VE3	63,240	364	60	SO-CW-LP	2/1	25/7	162/23	152/22	23/7	0/0	
VE3FH	57,584	316	61	SO-CW-LP	0/0	0/0	110/22	161/27	37/9	8/3	

VE3PQ	4,698	61	29	SO-CW-LP	0/0	0/0	12/10	42/13	7/6	0/0	
VA3DF	395,305	740	173	SOU-MIX-LP	15/6	117/32	134/31	352/52	100/39	22/13	
VE3MM	72,268	269	89	SOU-MIX-HP	0/0	15/15	142/24	80/32	21/10	11/8	
VE3MGY	336,160	1,083	110	SOU-CW-LP	55/5	163/12	250/30	427/40	162/16	26/7	
VE3YAA	65,660	297	70	SOU-CW-HP	0/0	0/0	0/0	162/29	121/29	14/12	VE3FJ
Quebec											
VA2EW	1,284,666	1,888	191	SO-MIX-LP	35/10	162/29	583/50	758/53	288/39	62/10	
VA2RIO	3,604	47	34	SO-MIX-LP	0/0	8/8	16/14	12/5	8/5	3/2	
VA2GN	3,420	43	36	SO-PH-LP	0/0	6/6	19/15	18/15	0/0	0/0	
VE2/IU7KRA	3,382	55	19	SO-PH-LP	0/0	0/0	2/2	48/14	5/3	0/0	
VE2FWW	185,592	649	76	SO-CW-HP	0/0	0/0	0/0	649/76	0/0	0/0	
VA2WA	2,542,473	2,411	303	SOU-MIX-HP	104/31	268/54	535/67	1,172/77	214/49	118/25	
VE2BWL	88,880	349	80	SOU-MIX-HP	0/0	92/20	127/20	43/14	83/23	4/3	
VE2CJR	24,924	133	67	SOU-MIX-LP	0/0	5/5	48/27	68/28	12/7	0/0	
VA2QR	5,952	83	24	SOU-MIX-HP	0/0	0/0	0/0	73/18	10/6	0/0	
VA2SCJ	2,163	36	21	SOU-PH-LP	0/0	0/0	13/11	23/10	0/0	0/0	
VE2GT	336	16	12	SOU-PH-LP	0/0	0/0	1/1	13/10	2/1	0/0	
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											
K6JAT	41,817	283	53	SO-PH-HP	0/0	0/0	56/19	218/27	9/7	0/0	
WZ6ZZ	2,147	56	19	SO-PH-LP	0/0	3/1	24/8	29/10	0/0	0/0	
AD6OE	1,190	37	17	SO-PH-QRP	0/0	3/2	13/6	21/9	0/0	0/0	
K6RGG	225	20	5	SO-PH-LP	0/0	0/0	0/0	20/5	0/0	0/0	
W6GF	190	38	5	SO-PH-HP	0/0	0/0	0/0	0/0	0/0	0/0	
KM6VHD	105	9	5	SO-PH-LP	0/0	0/0	0/0	9/5	0/0	0/0	
N6BHX	1,846	54	13	SO-CW-LP	0/0	0/0	0/0	53/12	1/1	0/0	
K2GMY	636	20	12	SO-CW-QRP	0/0	0/0	9/5	11/7	0/0	0/0	
AG6JA	1,972	34	17	SOU-MIX-LP	0/0	0/0	0/0	28/14	6/3	0/0	
K6DAJ	645,653	1,220	179	SOU-CW-HP	19/10	108/25	483/57	505/67	102/19	3/1	@N6RO
W6NV	82,156	330	76	SOU-CW-HP	0/0	0/0	0/0	306/64	22/11	2/1	
WQ6X	9,016	119	28	SOU-CW-LP	0/0	3/2	69/16	47/10	0/0	0/0	
NA6O	1,476	46	12	SOU-CW-HP	0/0	0/0	0/0	41/8	5/4	0/0	
W3DVY	900	28	12	SOU-CW-HP	0/0	2/2	4/3	22/7	0/0	0/0	
Los Angeles											
NK6A	29,700	198	55	SO-MIX-HP	0/0	0/0	54/19	132/30	12/6	0/0	
AI6V	24,360	418	29	SO-MIX-LP	0/0	0/0	188/14	227/12	3/3	0/0	
WA6URY	21,318	153	51	SO-MIX-HP	0/0	29/11	59/18	64/21	1/1	0/0	
WA7BNM	5,874	99	22	SO-MIX-LP	0/0	0/0	0/0	95/20	4/2	0/0	
N6UTC	663	19	13	SO-MIX-LP	0/0	0/0	4/2	15/11	0/0	0/0	
W6AFA	140,067	694	79	SO-PH-HP	0/0	15/5	264/33	410/37	5/4	0/0	
K6MUG	5,510	78	29	SO-PH-LP	0/0	0/0	26/12	52/17	0/0	0/0	
N6AA	617,760	1,447	144	SO-CW-HP	32/8	154/23	535/45	643/49	80/17	3/2	
NI6W	328,680	870	132	SO-CW-HP	36/9	94/20	313/45	389/42	38/16	0/0	W4EF
KM6Z	53,336	367	59	SO-CW-LP	0/0	47/7	108/18	193/27	19/7	0/0	
N2JNR	6,480	112	24	SO-CW-LP	0/0	0/0	30/12	73/8	9/4	0/0	
NC6Q	6,328	103	28	SO-CW-LP	0/0	0/0	37/15	59/11	7/2	0/0	
NA6MG	1,596	50	12	SO-CW-LP	0/0	0/0	0/0	50/12	0/0	0/0	
K6RO	25,878	172	57	SOU-MIX-HP	0/0	19/8	52/23	84/17	16/8	1/1	
N6HE	2,223	42	19	SOU-CW-LP	0/0	0/0	33/13	9/6	0/0	0/0	
Orange											
NO6T	1,779,844	2,778	209	SO-MIX-HP	42/12	243/27	798/60	1,411/68	256/34	28/8	KI6RRN @WA6TQT
N6LZ	938	23	14	SO-MIX-HP	0/0	0/0	3/2	20/12	0/0	0/0	
W6ZL	26,092	222	44	SO-CW-LP	0/0	0/0	0/0	209/35	12/8	1/1	
NC6V	10,260	132	30	SO-CW-LP	0/0	0/0	0/0	124/25	6/4	2/1	
K6PB	5,750	102	25	SO-CW-LP	0/0	7/3	37/11	57/10	1/1	0/0	
N6GP	4,776	71	24	SO-CW-LP	0/0	0/0	0/0	68/21	2/2	1/1	
N6HCN	784	38	8	SO-CW-QRP	0/0	0/0	0/0	38/8	0/0	0/0	
Sacramento Valley											
W6RKC	47,250	204	75	SO-MIX-LP	15/6	32/11	75/27	71/25	11/6	0/0	
KE6GLA	10,465	116	35	SO-MIX-LP	0/0	16/8	37/13	60/12	3/2	0/0	

K6AAI	1,140	33	15	SO-MIX-LP	0/0	0/0	18/8	15/7	0/0	0/0	
KF6NCX	399	57	7	SO-MIX-LP	0/0	0/0	0/0	0/0	0/0	0/0	
KD6HOF	304	18	8	SO-MIX-LP	0/0	0/0	6/2	12/6	0/0	0/0	
WB6CZG	7,854	87	33	SO-PH-LP	0/0	3/3	33/14	51/16	0/0	0/0	
KK6TBN	5,719	301	19	SO-PH-HP	0/0	0/0	0/0	0/0	0/0	0/0	
NC6R	4,280	168	10	SO-PH-HP	0/0	0/0	0/0	168/10	0/0	0/0	
K7XE	2,242	45	19	SO-PH-LP	0/0	0/0	10/6	35/13	0/0	0/0	
K6IJ	68,474	375	73	SO-CW-HP	8/3	29/7	135/19	180/33	19/10	4/1	
W6FA	26,496	201	48	SO-CW-HP	0/0	14/5	62/14	116/24	9/5	0/0	
K6TQ	2,940	52	21	SOU-MIX-HP	0/0	0/0	0/0	50/19	2/2	0/0	
W6EU	2,130	81	10	SOU-CW-HP	0/0	0/0	0/0	81/10	0/0	0/0	
San Diego											
W6JBR	32,542	229	53	SO-MIX-HP	1/1	8/2	123/26	93/21	4/3	0/0	
K6JO	200,376	863	88	SO-PH-LP	1/1	15/6	264/38	577/39	4/3	2/1	
WN6K	110,880	565	70	SO-CW-LP	0/0	34/10	234/23	254/24	40/10	3/3	
K6NA	60,750	202	90	SO-CW-HP	0/0	5/4	77/35	112/45	8/6	0/0	
K6AR	24,480	116	60	SO-CW-HP	0/0	0/0	28/20	83/36	5/4	0/0	
W6MZ	4,186	63	26	SO-CW-QRP	0/0	2/2	21/7	37/15	3/2	0/0	
NC6K	346,647	993	119	SOU-MIX-HP	6/4	75/17	417/45	463/39	32/14	0/0	
NT6Q	985,704	1,631	201	SOU-CW-HP	43/13	140/29	673/71	667/66	104/20	4/2	N5ZO
NX6T	295,254	777	141	MSHP	15/6	58/18	331/49	344/54	29/14	0/0	K4RB, K6AM, N6EEG, N6ERD, N6KI, NN6X, W2PWS, W6ZAR, WF6L, WM6Y,
San Francisco											
K6BBQ	1,781	57	13	SO-MIX-LP	0/0	0/0	0/0	57/13	0/0	0/0	
KJ6VHZ	280	16	8	SO-PH-LP	0/0	0/0	5/3	11/5	0/0	0/0	
N6IE	114,900	403	100	SOU-MIX-HP	0/0	42/14	127/26	207/47	27/13	0/0	
W6IA	22,372	193	47	SOU-MIX-HP	0/0	5/4	74/12	108/26	6/5	0/0	
K6RIM	7,456	81	32	SOU-MIX-HP	0/0	0/0	17/9	58/19	6/4	0/0	
San Joaquin Valley											
K6CSL	2,793	62	19	SO-CW-LP	0/0	3/1	24/7	33/10	2/1	0/0	
W6SX	72,956	457	61	SOU-CW-HP	0/0	7/5	216/24	221/24	13/8	0/0	
Santa Barbara											
W6TK	285,492	927	111	SO-MIX-HP	0/0	30/9	193/38	670/49	34/15	0/0	
W1PR	66,172	324	71	SO-MIX-HP	0/0	0/0	54/17	238/45	31/8	1/1	
AG6AG	3,465	63	21	SO-PH-HP	0/0	0/0	12/6	51/15	0/0	0/0	
N6REK	1,296	33	18	SO-PH-LP	0/0	0/0	15/8	18/10	0/0	0/0	
A16MW	252	16	7	SO-PH-LP	0/0	0/0	0/0	16/7	0/0	0/0	
KD6GWH	24	4	2	SO-PH-LP	0/0	0/0	0/0	4/2	0/0	0/0	
W6AYC	109,536	434	84	SO-CW-HP	0/0	12/5	122/23	281/45	19/11	0/0	
AE6PL	5,106	90	23	SOU-MIX-LP	0/0	0/0	24/7	65/15	1/1	0/0	
Santa Clara Valley											
K6XX	1,307,580	2,246	186	SO-MIX-HP	20/9	78/19	593/53	1,403/72	138/27	14/6	
W6FB	77,175	408	75	SO-MIX-HP	0/0	55/9	96/22	248/40	9/4	0/0	
NE1LA	5,376	88	21	SO-MIX-LP	0/0	0/0	40/11	48/10	0/0	0/0	
KE8FT	68,680	380	68	SO-PH-HP	0/0	9/3	47/23	322/40	2/2	0/0	
A16LY	29,848	171	52	SO-PH-HP	0/0	7/4	66/22	98/26	0/0	0/0	
K6ACV	696	22	12	SO-PH-LP	0/0	0/0	6/2	16/10	0/0	0/0	
W6YX	1,111,360	1,949	184	SO-CW-HP	5/2	250/28	649/58	831/64	212/30	2/2	N7MH
N6TV	858,888	1,818	151	SO-CW-HP	8/5	202/25	685/46	765/55	157/19	1/1	
N6XI	8,924	134	23	SO-CW-HP	0/0	0/0	0/0	134/23	0/0	0/0	
KM6KJI	5,940	102	22	SO-CW-LP	0/0	0/0	19/6	80/14	3/2	0/0	
KM6I	3,460	69	20	SO-CW-HP	0/0	0/0	43/12	25/7	1/1	0/0	
K6TD	2,640	53	20	SO-CW-HP	0/0	0/0	29/9	24/11	0/0	0/0	
A16SL	1,919	37	19	SO-CW-LP	0/0	0/0	19/7	18/12	0/0	0/0	
K6TET	1,320	52	10	SO-CW-HP	0/0	0/0	23/5	29/5	0/0	0/0	
K6KQV	210	13	6	SO-CW-LP	0/0	0/0	5/2	8/4	0/0	0/0	
W9KKN	574,704	1,485	144	SOU-MIX-HP	2/1	131/27	536/53	782/50	34/13	0/0	
K6GHA	79,876	376	76	SOU-MIX-LP	2/1	35/8	116/28	208/32	13/6	2/1	
K6MMM	66,180	417	60	SOU-MIX-HP	4/1	31/12	165/22	213/23	4/2	0/0	
W6RQ	1,472	41	16	SOU-PH-LP	0/0	0/0	15/6	25/9	1/1	0/0	
KI6SCT	234	15	6	SOU-PH-LP	0/0	0/0	0/0	15/6	0/0	0/0	
K6MMM	104,550	469	82	SOU-CW-HP	0/0	26/8	126/21	293/46	24/7	0/0	KE1B
U.S. Call Area 7											

Arizona										
KRØCKT	172,339	1,095	59	SO-PH-HP	0/0	11/5	418/22	661/28	5/4	0/0
KD7RF	124,899	886	51	SO-PH-HP	0/0	0/0	0/0	881/47	5/4	0/0
W5UJ	22,504	143	58	SO-PH-HP	0/0	0/0	60/26	83/32	0/0	0/0
NF7E	15,004	291	22	SO-PH-LP	0/0	0/0	0/0	291/22	0/0	0/0
KC1BB	1,780	36	20	SO-PH-HP	0/0	0/0	3/3	33/17	0/0	0/0
W7FYW	468	20	12	SO-PH-LP	0/0	0/0	3/3	17/9	0/0	0/0
KI7VWP	344	20	8	SO-PH-LP	0/0	0/0	1/1	19/7	0/0	0/0
KI7HWZ	5	1	5	SO-PH-LP	0/0	0/0	0/0	0/0	0/0	0/0
AA7V	14,872	96	52	SO-CW-HP	0/0	13/7	33/19	47/24	3/2	0/0
K7AZT	14,858	169	34	SO-CW-LP	0/0	0/0	73/16	91/15	5/3	0/0
W6RLL	11,842	134	31	SO-CW-HP	0/0	0/0	0/0	134/31	0/0	0/0
N6BT	5,850	69	30	SO-CW-HP	0/0	18/7	10/6	41/17	0/0	0/0
N7SU	4,420	88	20	SO-CW-HP	0/0	0/0	88/20	0/0	0/0	0/0
N7WS	3,416	39	28	SO-CW-HP	0/0	0/0	0/0	34/24	5/4	0/0
N6HI	1,360	66	10	SO-CW-QRP	0/0	0/0	8/1	58/9	0/0	0/0
N9NA	161,073	577	99	SOU-MIX-HP	0/0	42/10	202/29	318/53	15/7	0/0
KF7U	29,100	224	50	SOU-MIX-HP	0/0	0/0	102/24	121/25	1/1	0/0
N7UJJ	22,776	166	52	SOU-MIX-LP	0/0	0/0	48/19	118/33	0/0	0/0
K6WSC	186,147	496	129	SOU-CW-LP	0/0	62/16	136/44	272/54	23/13	3/2
W6RW	92,160	355	90	SOU-CW-HP	0/0	4/4	146/36	204/49	1/1	0/0
N7AT	46,530	331	47	SOU-CW-HP	0/0	0/0	189/25	128/17	13/4	1/1
K7JQ	38,456	316	46	SOU-CW-LP	0/0	0/0	175/22	135/20	6/4	0/0
KB7AZ	18,668	123	52	SOU-CW-HP	0/0	9/5	24/13	83/30	7/4	0/0
K7WP	13,104	114	39	SOU-CW-HP	0/0	0/0	41/17	66/16	7/6	0/0
KC7V	636	25	12	SOU-CW-LP	0/0	0/0	14/5	10/6	1/1	0/0
Eastern Washington										
AD7XG	12,540	133	33	SO-MIX-HP	1/1	9/5	34/8	89/19	0/0	0/0
K7STO	4,356	69	22	SO-PH-HP	0/0	0/0	3/3	66/19	0/0	0/0
KK7VL	52	6	4	SO-PH-QRP	0/0	0/0	0/0	6/4	0/0	0/0
N6NR	66,600	302	74	SO-CW-HP	0/0	0/0	72/21	230/53	0/0	0/0
N7ZUF	1,023	37	11	SO-CW-LP	0/0	0/0	0/0	33/8	4/3	0/0
N7GCO	36,120	184	70	SO-PH-HP	0/0	3/3	55/22	124/43	2/2	0/0
KB7HDX	1,410	38	15	SOU-PH-LP	0/0	0/0	10/6	28/9	0/0	0/0
K7GS	12,740	118	35	SOU-CW-HP	0/0	0/0	58/9	60/26	0/0	0/0
Idaho										
WD7E	5,300	85	25	SO-MIX-HP	0/0	0/0	19/10	64/14	2/1	0/0
WJ9B	295,716	893	114	SO-CW-LP	21/7	93/14	350/37	406/49	23/7	0/0
K7TQ	85,960	456	70	SOU-CW-LP	0/0	57/14	163/22	225/30	11/4	0/0
KØIP	5,600	56	28	SOU-CW-HP	5/4	0/0	0/0	44/21	7/3	0/0
KK7A	1,536	50	16	SOU-CW-QRP	0/0	5/3	20/5	23/7	2/1	0/0
WM5F	360	18	9	SOU-CW-LP	0/0	0/0	6/4	10/4	2/1	0/0
Montana										
KS7T	88,000	536	64	SO-MIX-HP	0/0	102/12	110/19	324/33	0/0	0/0
K7QA	127,260	419	101	SOU-CW-HP	0/0	95/14	155/37	168/49	1/1	0/0
Nevada										
WU6W	14,490	116	46	SO-MIX-HP	1/1	11/5	37/15	62/20	5/5	0/0
W7EB	15,114	184	33	SO-PH-HP	0/0	0/0	8/5	176/28	0/0	0/0
K6ST	4,662	89	21	SO-CW-LP	0/0	0/0	49/11	40/10	0/0	0/0
K2RD	61,180	234	92	SOU-MIX-HP	1/1	3/3	55/25	153/51	19/9	3/3
K7XC	6,120	68	30	SOU-MIX-HP	0/0	0/0	0/0	68/30	0/0	0/0
Oregon										
KU1CW	448,404	1,060	132	SO-MIX-LP	8/4	155/23	333/32	559/71	5/2	0/0
N7JI	533	26	13	SO-MIX-QRP	0/0	1/1	17/8	8/4	0/0	0/0
KF7AXD	570	19	10	SO-PH-LP	0/0	0/0	18/9	1/1	0/0	0/0
KJ7GVL	6	3	2	SO-PH-LP	0/0	0/0	1/1	2/1	0/0	0/0
W7MDB	5	1	1	SO-PH-LP	0/0	0/0	0/0	1/1	0/0	0/0
KA6BIM	3	3	1	SO-PH-LP	0/0	0/0	0/0	0/0	0/0	3/1
K7RAT	410,168	1,119	118	SO-CW-HP	0/0	18/5	372/43	669/55	58/14	2/1
W7YAQ	208,407	522	127	SO-CW-HP	8/6	31/13	136/29	307/59	36/17	4/3
NE7D	30,438	194	57	SO-CW-HP	0/0	42/8	111/27	36/18	5/4	0/0
K6UM	8,450	125	26	SO-CW-HP	0/0	0/0	0/0	107/19	18/7	0/0
W7MTL	6,696	107	27	SO-CW-LP	0/0	6/2	21/8	73/15	7/2	0/0

K8IA

KT6VV

N6TR

K7YIC	138	12	6	SO-CW-LP	0/0	5/3	1/1	6/2	0/0	0/0	
K7VIT	4,163	69	23	SOU-MIX-HP	0/0	19/7	0/0	50/16	0/0	0/0	
WA7YXY	5,012	75	28	SOU-PH-LP	0/0	0/0	36/16	39/12	0/0	0/0	
KN7K	21,552	169	48	SOU-CW-LP	5/4	32/10	32/14	100/20	0/0	0/0	
KI7Y	8,062	124	29	SOU-CW-HP	0/0	10/4	55/14	55/9	4/2	0/0	
W7WHY	4,928	99	22	SOU-CW-HP	0/0	8/3	50/12	41/7	0/0	0/0	
KT7E	849,028	1,635	167	MSHP	10/7	153/29	567/51	868/68	35/11	2/1	K7RF, K7ZS, KB6MW, KE7AUB, KI7Y, KL9A, KR7X, W7ZB
W7XQ	162,032	794	82	MSHP	0/0	17/7	151/32	619/37	7/6	0/0	W7VO, W7XQ
Utah											
NG7M	77,436	553	54	SO-MIX-HP	0/0	27/6	191/24	323/18	12/6	0/0	
K1LOK	966	33	14	SO-PH-LP	0/0	0/0	10/5	23/9	0/0	0/0	
AK7O	392	23	8	SO-CW-LP	0/0	0/0	0/0	23/8	0/0	0/0	
K7UT	29,450	211	50	SOU-MIX-HP	0/0	1/1	54/15	156/34	0/0	0/0	
K7ULS	3,933	85	19	SOU-CW-LP	0/0	6/4	77/13	0/0	2/2	0/0	
W7SU	1,080	43	12	MSHP	0/0	0/0	0/0	43/12	0/0	0/0	KE7DOA, KG7LIG, KI7BIK, KW7TES,
Western Washington											
W7PU	73,201	382	71	SO-MIX-HP	0/0	36/10	71/15	267/42	8/4	0/0	N7EPD
W7WA	851,422	2,024	143	SO-PH-HP	4/4	60/20	484/43	1,452/62	23/13	1/1	
W7AUM	5,250	130	15	SO-PH-HP	0/0	0/0	0/0	130/15	0/0	0/0	
KH6VM	1,139	27	17	SO-PH-HP	0/0	0/0	15/10	12/7	0/0	0/0	
KKØA	1,022	31	14	SO-PH-HP	0/0	2/2	16/7	13/5	0/0	0/0	
K9QJS	612	22	12	SO-PH-HP	0/0	0/0	0/0	22/12	0/0	0/0	
KG7DAB	296	20	8	SO-PH-LP	0/0	1/1	1/1	18/6	0/0	0/0	
N7WA	114,924	672	61	SO-CW-HP	0/0	59/12	317/26	272/16	24/7	0/0	
K7HBN	54,020	261	73	SO-CW-LP	0/0	22/7	89/24	133/35	15/5	2/2	
WC7Q	38,565	307	45	SO-CW-HP	0/0	0/0	84/15	214/26	9/4	0/0	
KB7N	8,745	102	33	SO-CW-HP	0/0	10/5	57/15	35/13	0/0	0/0	
K7SS	6,003	88	29	SO-CW-LP	11/4	9/6	38/7	30/12	0/0	0/0	
AB7RW	5,166	92	21	SO-CW-LP	0/0	0/0	3/2	86/17	3/2	0/0	
K7WA	3,774	104	17	SO-CW-LP	0/0	0/0	0/0	93/14	11/3	0/0	
W7POE	2,907	83	17	SO-CW-LP	0/0	2/1	38/7	39/7	4/2	0/0	
WT8P	2,430	60	18	SO-CW-LP	0/0	6/3	13/7	41/8	0/0	0/0	
KT7G	1,800	44	18	SO-CW-LP	0/0	0/0	35/12	9/6	0/0	0/0	
W7UDH	1,368	44	12	SO-CW-LP	0/0	0/0	0/0	44/12	0/0	0/0	
KB7AK	450	17	10	SO-CW-LP	0/0	4/3	11/5	0/0	2/2	0/0	
K7JNA	147	10	7	SO-CW-LP	0/0	0/0	0/0	9/6	1/1	0/0	
K7RL	1,195,922	2,088	182	SOU-MIX-HP	17/7	210/26	584/55	1,210/69	60/20	7/5	
K7EG	2,544	39	24	SOU-MIX-HP	0/0	0/0	18/11	21/13	0/0	0/0	
WZ8T	59,954	388	62	SOU-PH-LP	0/0	6/3	53/20	328/38	1/1	0/0	
KC7EFP	103,050	556	75	SOU-CW-HP	5/3	88/16	156/23	298/30	9/3	0/0	
N7BV	77,444	377	76	SOU-CW-HP	0/0	0/0	56/23	321/53	0/0	0/0	
W7VXS	45,738	245	66	SOU-CW-HP	0/0	10/5	75/21	159/39	1/1	0/0	
W9PL	20,016	161	48	SOU-CW-HP	0/0	26/9	75/21	60/18	0/0	0/0	
K6KR	17,719	138	47	SOU-CW-HP	0/0	0/0	40/16	98/31	0/0	0/0	
KE7RW	8,085	94	35	SOU-CW-LP	3/2	9/4	27/15	54/13	1/1	0/0	
W6OAT	1,936	42	16	SOU-CW-HP	0/0	0/0	0/0	42/16	0/0	0/0	
K7RI	318,530	996	106	MSHP	3/1	88/18	348/36	539/46	18/5	0/0	K7RI, K7ZQ, KE6FE, N6KW
K7BTW	311,880	1,284	92	MSHP	0/0	34/9	463/35	781/44	6/4	0/0	K7BTW, K7MO, K7VAP, N9ADG
Call	Score	QSOs	Mults	Category	160	80	40	20	15	10	Operator(s) and/or Host
Zone 7											
U.S. Call Area 0											
Colorado											
WØETT	73,186	343	74	SO-MIX-HP	0/0	7/2	57/13	245/41	34/18	0/0	
KØKR	44,184	285	56	SO-MIX-LP	0/0	38/11	95/17	134/19	16/7	2/2	
WA2JQZ	6,188	81	26	SO-MIX-LP	0/0	0/0	0/0	75/22	5/3	1/1	
NAØED	1,989	43	17	SO-MIX-LP	0/0	0/0	8/5	34/11	1/1	0/0	
NØWRK	627	21	11	SO-PH-HP	0/0	0/0	0/0	21/11	0/0	0/0	
KFØJB	495	23	9	SO-PH-LP	0/0	0/0	5/1	18/8	0/0	0/0	
KDØBLZ	261	11	9	SO-PH-LP	0/0	0/0	4/3	7/6	0/0	0/0	
KDØQG	148	11	4	SO-PH-HP	0/0	0/0	0/0	11/4	0/0	0/0	
WØHWG	3	1	1	SO-PH-QRP	0/0	0/0	0/0	1/1	0/0	0/0	
WØUA	1,005,890	1,806	170	SO-CW-HP	43/11	149/22	681/56	740/51	191/28	2/2	
N5AW	38,184	170	74	SO-CW-LP	0/0	39/12	64/26	47/26	20/10	0/0	

NN7A	37,076	263	52	SO-CW-LP	0/0	30/7	117/22	116/23	0/0	0/0	
NØAC	3,654	72	18	SO-CW-LP	0/0	0/0	18/7	54/11	0/0	0/0	
WØCP	432	21	8	SO-CW-HP	0/0	0/0	0/0	21/8	0/0	0/0	
KIØG	80	10	4	SO-CW-QRP	0/0	0/0	0/0	10/4	0/0	0/0	
KØSAZ	-56	1	1	SO-CW-LP	0/0	0/0	0/0	0/0	1/1	0/0	
WØJWR	936	27	12	SOU-MIX-LP	0/0	0/0	9/4	15/6	3/2	0/0	
KØAE	408	14	12	SOU-MIX-LP	0/0	0/0	14/12	0/0	0/0	0/0	
AD1C	55,877	264	71	SOU-CW-LP	0/0	0/0	98/27	158/39	8/5	0/0	
NØKE	21,888	254	32	MSHP	0/0	0/0	0/0	244/26	10/6	0/0	ADØLI, NØKE
Iowa											
N9HDE	36,472	288	47	SO-MIX-LP	0/0	0/0	162/25	93/13	28/6	5/3	
WØKWB	488	24	8	SO-PH-LP	0/0	0/0	0/0	24/8	0/0	0/0	
N5KB	9,912	152	24	SOU-MIX-HP	0/0	0/0	0/0	142/20	10/4	0/0	
NØAV	325,254	715	151	SOU-CW-HP	16/6	52/15	108/40	396/56	85/23	58/11	
Kansas											
K3PA	1,035,090	1,578	217	SO-MIX-HP	40/9	156/41	491/66	650/54	211/40	30/7	
WØYJT	34,713	218	57	SO-MIX-LP	0/0	0/0	46/14	141/31	25/8	6/4	
WØJMW	1,683	52	11	SO-PH-QRP	0/0	0/0	15/4	37/7	0/0	0/0	
WA5SWN	936	78	12	SO-PH-LP	0/0	0/0	0/0	0/0	0/0	0/0	
WØUY	63,674	259	79	SO-CW-HP	0/0	6/2	63/24	143/40	28/8	19/5	
ADØAB	12,886	138	34	SO-CW-HP	4/2	0/0	73/20	59/10	2/2	0/0	
KØWRY	2,338	60	14	SO-CW-LP	0/0	0/0	0/0	56/12	4/2	0/0	
ACØE	1,260	31	14	SO-CW-LP	0/0	0/0	31/14	0/0	0/0	0/0	
KØBJ	141,480	375	131	SOU-MIX-HP	1/1	10/6	105/42	192/50	67/32	0/0	
KØVBU	80,580	351	79	SOU-CW-LP	0/0	45/12	48/17	210/37	38/10	10/3	
N9GB	16,244	96	62	SOU-CW-HP	0/0	32/20	27/18	34/21	3/3	0/0	
NØXM	7,072	85	32	SOU-CW-HP	0/0	7/2	10/7	57/20	11/3	0/0	
Minnesota											
AEØEE	46,096	256	67	SO-MIX-LP	9/5	33/10	65/20	127/24	9/5	13/3	
KA8HDE	40,376	320	49	SO-MIX-LP	0/0	5/2	103/18	187/19	19/6	6/4	
WAØLIM	30,360	246	44	SO-MIX-LP	0/0	0/0	5/3	164/27	61/10	16/4	
W6GMT	5,616	85	27	SO-MIX-LP	0/0	0/0	44/13	41/14	0/0	0/0	
KØDVT	32	4	4	SO-MIX-LP	0/0	0/0	0/0	4/4	0/0	0/0	
KØVG	4,495	60	29	SO-PH-HP	0/0	0/0	11/7	45/19	4/3	0/0	
KØOP	1,615	35	17	SO-PH-LP	0/0	0/0	11/5	24/12	0/0	0/0	
NGØC	1,368	29	18	SO-PH-LP	0/0	5/4	23/13	1/1	0/0	0/0	
KEØRJE	360	45	8	SO-PH-QRP	0/0	0/0	0/0	0/0	0/0	0/0	
KØAD	293,170	1,101	95	SO-CW-LP	24/6	104/10	327/33	450/28	164/13	32/5	
KØJIR	74,508	317	84	SO-CW-HP	6/3	11/5	54/24	155/31	70/14	21/7	
KEØTT	28,704	207	52	SO-CW-QRP	0/0	11/4	53/17	121/24	22/7	0/0	
WAØLIF	3,504	64	24	SO-CW-LP	0/0	4/3	4/2	37/10	16/7	3/2	
NØUK	36	5	4	SO-CW-LP	0/0	0/0	0/0	5/4	0/0	0/0	
KØKX	180,721	390	127	SOU-MIX-HP	6/6	50/32	141/41	193/48	0/0	0/0	
KØEA	133,560	632	72	SOU-MIX-HP	0/0	0/0	0/0	526/53	106/19	0/0	
WXØZ	4,864	56	32	SOU-PH-HP	0/0	1/1	11/8	39/20	5/3	0/0	
K9TWW	546	20	13	SOU-PH-HP	0/0	0/0	4/3	5/4	10/5	1/1	
NØEO	0	0	0	SOU-PH-LP	0/0	0/0	0/0	0/0	0/0	0/0	AAØAW
WBØN	105,570	403	90	SOU-CW-HP	4/2	34/10	142/30	182/38	27/7	14/3	
K4IU	41,925	242	65	SOU-CW-HP	0/0	10/4	49/16	140/28	35/11	8/6	
KØMPH	20,102	189	38	SOU-CW-LP	0/0	0/0	36/13	153/25	0/0	0/0	
KØMD	17,545	111	55	SOU-CW-HP	0/0	0/0	24/14	55/25	10/9	22/7	
Missouri											
NIØG	6,771	84	37	SO-MIX-LP	0/0	11/3	41/15	30/17	1/1	1/1	
KØBMC	1,836	55	12	SO-MIX-LP	0/0	0/0	5/2	50/10	0/0	0/0	
KYØO	549	23	9	SO-MIX-LP	0/0	0/0	23/9	0/0	0/0	0/0	
WØNFS	45	5	5	SO-MIX-LP	0/0	0/0	0/0	2/2	3/3	0/0	
AEØTT	10,990	119	35	SO-PH-LP	0/0	0/0	52/16	57/15	9/3	1/1	
W7KAM	8,460	84	36	SO-PH-LP	0/0	0/0	14/7	65/24	3/3	2/2	
KØSCO	3,402	61	21	SO-PH-LP	0/0	3/2	9/5	44/10	4/3	1/1	
KDØWAN	935	31	11	SO-PH-LP	0/0	0/0	11/5	19/5	1/1	0/0	
KEØPQY	520	20	10	SO-PH-LP	0/0	0/0	7/5	13/5	0/0	0/0	
KEØRNB	104	8	4	SO-PH-LP	0/0	0/0	1/1	7/3	0/0	0/0	
KE5JSY	655,155	1,137	207	SO-CW-LP	48/12	193/34	290/51	488/59	104/41	14/10	IZ3EYZ
NØTT	49,077	424	41	SO-CW-HP	0/0	0/0	424/41	0/0	0/0	0/0	
ADØBI	15,504	113	51	SO-CW-LP	9/4	18/6	25/9	40/21	12/7	9/4	

NWØM	4,860	99	18	SO-CW-LP	0/0	0/0	0/0	49/10	27/3	23/5	
K2HT	2,244	52	17	SOU-CW-LP	0/0	0/0	0/0	30/9	12/4	10/4	
NØAX	593,700	1,312	150	MSHP	28/6	183/24	137/23	815/67	124/26	25/4	AAØZ, KØSND, NØAX, NØSSC, WBØSND, WBØTUA
WØECC	329,324	1,007	116	MSHP	0/0	89/11	593/51	174/24	151/30	0/0	AAØZ, KØSND, NØAX, NØSSC, WBØSND, WBØTUA
Nebraska											
KEØJYJ	270	10	9	SO-PH-LP	0/0	0/0	0/0	10/9	0/0	0/0	
KØKPH	3,144	44	24	SO-CW-HP	0/0	11/5	17/8	16/11	0/0	0/0	
KØKZO	2,970	80	15	SO-CW-LP	0/0	2/2	39/6	39/7	0/0	0/0	
North Dakota											
KDØWUQ	1,044	38	12	SO-MIX-LP	0/0	1/1	13/6	24/5	0/0	0/0	
WØOS	39,345	239	61	SO-CW-LP	0/0	21/6	96/25	69/20	53/10	0/0	
South Dakota											
KDØZXI	1,222	35	13	SO-PH-LP	0/0	0/0	20/8	15/5	0/0	0/0	
WDØT	570,354	1,432	138	SO-CW-HP	28/6	147/15	427/39	626/51	163/20	41/7	
KØJV	1,360	28	17	SO-CW-LP	0/0	7/6	8/4	13/7	0/0	0/0	
KTØA	35,298	153	74	SOU-CW-HP	0/0	13/6	34/22	91/37	15/9	0/0	
U.S. Call Area 5											
Arkansas											
KD5ILA	825	23	15	SO-PH-LP	0/0	0/0	5/3	15/10	1/1	2/1	
KD5J	7,473	65	47	SO-CW-LP	0/0	0/0	14/10	21/16	20/14	10/7	
W5KI	1,938	39	19	SO-CW-LP	0/0	9/5	19/6	3/3	6/3	2/2	
W5XNA	276	18	6	SO-CW-LP	0/0	0/0	2/2	16/4	0/0	0/0	
K5RM	133,214	545	86	SOU-CW-HP	4/2	10/10	109/19	286/32	85/15	51/8	
Louisiana											
KA5M	93,694	398	79	SO-CW-HP	0/0	32/9	215/43	144/24	5/2	2/1	
W5LA	9,396	127	27	SO-CW-QRP	0/0	4/2	38/9	59/9	19/4	7/3	
W4HVH	1,183	37	13	SO-CW-LP	0/0	0/0	15/8	19/4	3/1	0/0	
N8OO	1,669,269	2,611	203	SOU-MIX-HP	85/19	223/26	543/55	1,307/56	314/31	139/16	
AC5O	114,635	401	101	SOU-MIX-LP	0/0	0/0	183/40	153/39	58/20	7/2	
Mississippi											
K5XU	21,500	164	43	SO-CW-LP	0/0	0/0	0/0	114/27	37/13	13/3	
New Mexico											
KC2LM	4,482	95	18	SO-MIX-LP	0/0	0/0	11/2	80/13	4/3	0/0	
KD5JDS	336	20	6	SO-MIX-LP	0/0	0/0	0/0	20/6	0/0	0/0	
K5TBA	4,059	44	33	SO-PH-HP	0/0	0/0	18/15	26/18	0/0	0/0	
N2IC	1,507,099	2,277	209	SO-CW-HP	72/14	264/38	823/61	967/56	151/40	0/0	
North Texas											
KM5JV	12,645	104	45	SO-PH-LP	0/0	0/0	64/28	35/13	5/4	0/0	
NW5Q	9,633	87	39	SO-PH-LP	0/0	4/3	21/9	58/24	4/3	0/0	
K5TYR	630	24	10	SO-PH-HP	0/0	0/0	0/0	24/10	0/0	0/0	WM5Q
AA5AH	328	18	8	SO-PH-LP	0/0	2/2	14/5	2/1	0/0	0/0	
W9DXM	288	15	6	SO-PH-LP	0/0	0/0	3/3	12/3	0/0	0/0	
WXØB	1,332,000	2,039	200	SO-CW-HP	24/8	221/36	599/61	745/54	374/34	76/7	AD5Q
NN5T	180,544	496	124	SO-CW-LP	6/4	70/15	203/51	179/40	32/11	6/3	
W5RYA	151,715	568	95	SO-CW-LP	0/0	85/15	168/33	273/35	34/9	8/3	
W8FN	84,168	398	72	SO-CW-HP	0/0	14/8	236/38	148/26	0/0	0/0	
K5LY	45,178	298	49	SO-CW-HP	3/1	40/9	101/17	137/16	11/4	6/2	
WA5LFD	18,767	146	49	SO-CW-LP	0/0	17/6	60/20	44/16	13/4	12/3	
AE5P	4,992	64	26	SO-CW-LP	0/0	0/0	13/11	47/13	4/2	0/0	
N5TJ	4,712	49	38	SO-CW-LP	0/0	1/1	23/18	15/14	6/4	4/1	
WB5K	1,144	40	11	SO-CW-LP	0/0	0/0	12/4	26/6	2/1	0/0	
N5JR	337,848	683	168	SOU-MIX-HP	0/0	42/17	117/44	372/61	136/33	16/13	
N3BUO	3,762	76	19	SOU-MIX-HP	0/0	0/0	0/0	19/6	50/12	7/1	
NT5TT	2,618	61	17	SOU-MIX-LP	0/0	0/0	6/4	52/12	3/1	0/0	
N5DD	1,694	28	22	SOU-MIX-HP	0/0	0/0	22/16	6/6	0/0	0/0	
WA5LXS	222	13	6	SOU-MIX-HP	0/0	0/0	0/0	13/6	0/0	0/0	
K15MM	13,908	94	57	SOU-PH-LP	0/0	1/1	8/7	63/30	17/15	5/4	
WØVX	141,327	393	123	SOU-CW-HP	0/0	9/4	84/33	174/48	87/26	39/12	

K5CI	79,605	302	87	SOU-CW-HP	0/0	32/10	130/40	137/35	3/2	0/0	
K5BG	22,428	122	63	SOU-CW-HP	0/0	0/0	33/23	64/27	15/9	10/4	
KD2KW	3,663	43	33	SOU-CW-LP	0/0	0/0	20/15	18/13	5/5	0/0	
NM5M	8,556	98	31	MSHP	0/0	14/5	57/17	23/6	4/3	0/0	N5KO, NM5M
Oklahoma											
W5TD	33,660	234	51	SO-MIX-LP	0/0	15/5	56/15	129/21	24/8	10/2	
W5GFI	98,687	410	83	SO-PH-HP	0/0	26/7	141/23	217/42	24/9	2/2	
K5YM	6,270	75	30	SO-PH-QRP	0/0	0/0	0/0	62/22	11/6	2/2	
W8AW	3	2	1	SO-PH-LP	0/0	0/0	0/0	2/1	0/0	0/0	
N5OT	221,400	640	120	SO-CW-HP	0/0	98/18	210/40	204/37	108/22	20/3	
K5CM	856,254	1,582	174	SOU-MIX-HP	0/0	147/35	566/51	705/49	120/32	44/7	W5CW
K5UV	37,680	295	48	SOU-CW-HP	0/0	63/6	117/21	110/18	5/3	0/0	
NQ5M	12,274	120	34	SOU-CW-LP	0/0	0/0	33/15	87/19	0/0	0/0	
South Texas											
K5GN	1,857,288	2,556	228	SO-MIX-HP	52/13	181/34	725/60	1,040/62	372/38	186/21	
WA5DSS	31,086	178	66	SO-MIX-HP	0/0	18/6	38/15	84/29	28/15	10/1	
KN5S	10,115	110	35	SO-MIX-HP	0/0	0/0	0/0	104/31	6/4	0/0	K5WW
N5PBP	702	22	13	SO-MIX-LP	0/0	0/0	6/3	16/10	0/0	0/0	
AB5XZ	3,312	53	23	SO-PH-LP	0/0	0/0	14/9	39/14	0/0	0/0	
KØBWQ	2,530	41	22	SO-PH-LP	0/0	0/0	15/11	25/10	1/1	0/0	
KF5RUW	2,091	45	17	SO-PH-LP	0/0	0/0	0/0	45/17	0/0	0/0	
AG5RR	1,785	41	15	SO-PH-LP	0/0	0/0	8/5	33/10	0/0	0/0	
K5AVY	1,696	40	16	SO-PH-HP	0/0	0/0	7/4	29/9	4/3	0/0	
N5YBG	1,568	37	14	SO-PH-LP	0/0	0/0	1/1	36/13	0/0	0/0	
KG5TKF	1,520	32	16	SO-PH-LP	0/0	0/0	9/8	23/8	0/0	0/0	
K9ING	588	15	14	SO-PH-HP	0/0	0/0	1/1	14/13	0/0	0/0	
KD5FBA	147	7	7	SO-PH-LP	0/0	0/0	6/6	1/1	0/0	0/0	
N3BB	1,083,664	1,965	178	SO-CW-HP	34/14	155/29	761/56	677/45	298/29	40/5	
KØNM	186,484	691	92	SO-CW-HP	0/0	46/7	308/40	215/27	84/13	38/5	
KG5U	136,152	509	93	SO-CW-LP	0/0	63/13	224/45	159/26	63/9	0/0	
K5NZ	72,408	300	84	SO-CW-HP	0/0	1/1	149/41	123/30	24/9	3/3	
K5ME	68,100	320	75	SO-CW-LP	0/0	37/10	98/30	129/23	42/8	14/4	
N9NM	48,688	263	68	SO-CW-LP	0/0	9/5	67/22	166/33	14/6	7/2	
KØYA	47,430	256	62	SO-CW-LP	0/0	0/0	108/28	134/30	13/3	1/1	
NE5TH	31,564	222	52	SO-CW-QRP	0/0	0/0	86/26	112/21	21/4	3/1	
N5NAA	22,035	212	39	SO-CW-LP	0/0	0/0	47/8	120/22	32/6	13/3	
K5MUG	21,060	152	45	SO-CW-LP	0/0	0/0	108/28	44/17	0/0	0/0	
K5TU	17,490	99	66	SO-CW-HP	0/0	0/0	0/0	39/27	49/31	11/8	
AJ4F	11,622	114	39	SO-CW-LP	0/0	8/5	43/13	56/20	7/1	0/0	
KF5DDV	6,216	90	24	SO-CW-LP	0/0	1/1	27/10	59/11	3/2	0/0	
N5DTT	1,638	42	14	SO-CW-LP	0/0	0/0	17/7	9/4	11/2	5/1	
N5DO	279,020	704	140	SOU-MIX-LP	3/2	95/21	308/58	262/49	24/7	12/3	
K8LS	156,450	512	105	SOU-MIX-HP	1/1	49/11	193/43	212/38	46/9	11/3	
K5DU	105,024	356	96	SOU-MIX-HP	0/0	0/0	136/39	145/30	75/27	0/0	
N5XJ	58,149	225	91	SOU-MIX-HP	0/0	0/0	62/27	102/35	34/23	27/6	
KE5LQ	11,439	101	41	SOU-MIX-LP	0/0	5/3	42/20	31/12	22/5	1/1	
NA5J	2,496	56	16	SOU-MIX-LP	0/0	0/0	14/5	42/11	0/0	0/0	
KI5CXO	0	0	0	SOU-PH-LP	0/0	0/0	0/0	0/0	0/0	0/0	
AD5A	1,213,315	1,698	227	SOU-CW-HP	33/10	131/28	638/74	595/70	241/35	60/10	
N5RZ	797,886	1,497	171	SOU-CW-HP	0/0	219/30	631/65	522/54	109/17	16/5	
K5NA	37,818	195	66	SOU-CW-HP	6/4	27/8	36/12	59/19	50/18	17/5	
K6ZB	13,500	96	50	SOU-CW-HP	1/1	23/8	49/25	23/16	0/0	0/0	
W3RZ	3,855	94	15	SOU-CW-LP	0/0	0/0	29/5	65/10	0/0	0/0	
K5PI	2,780	46	20	SOU-CW-HP	0/0	0/0	46/20	0/0	0/0	0/0	
N8MTV	846	33	9	SOU-CW-HP	0/0	0/0	5/3	27/5	0/0	1/1	
WA5LHM	21,600	160	54	MSHP	0/0	10/6	62/24	72/19	15/4	1/1	N4IM, WA5LHM
West Texas											
K5SZ	3,150	43	25	SO-PH-LP	0/0	0/0	0/0	29/16	14/9	0/0	
KE5OG	10,944	106	38	SOU-CW-HP	0/0	0/0	22/11	76/23	8/4	0/0	
U.S. Call Area 7											
Arizona											
AB7WP	238	14	7	SO-PH-LP	0/0	0/0	7/3	7/4	0/0	0/0	
Montana											

NA3D	378,696	1,275	124	SO-PH-HP	0/0	23/18	277/37	805/45	133/19	37/5	
AB1EP	26,076	255	41	SO-PH-LP	0/0	0/0	0/0	255/41	0/0	0/0	
W1ABK	170	8	5	SO-PH-LP	0/0	0/0	8/5	0/0	0/0	0/0	
K1IMI	484,484	1,139	154	SO-CW-HP	0/0	71/23	376/42	519/47	129/29	44/13	N4CW
W2IY	105,448	303	98	SO-CW-LP	0/0	0/0	7/7	213/51	73/34	10/6	
K1DG	41,354	219	58	SO-CW-LP	0/0	0/0	190/39	29/19	0/0	0/0	
KN4VV	21,285	172	55	SO-CW-LP	0/0	19/9	47/13	66/19	26/10	14/4	
K1WR	2,418	33	26	SO-CW-LP	0/0	0/0	5/5	23/16	5/5	0/0	
W4ZGR	2,023	62	17	SO-CW-LP	0/0	3/1	43/9	16/7	0/0	0/0	
N1FR	11,655	76	63	SOU-PH-HP	2/2	6/6	26/24	24/19	17/11	1/1	
K1ESE	248,040	685	130	SOU-CW-HP	0/0	4/4	142/42	468/59	58/21	13/4	
WW4LL	1,428,820	2,072	199	MSHP	14/7	130/31	592/60	1,090/60	207/31	39/10	AC4CF, K4NV, KG5HVO, NN9DD, W9RNY, WW4LL
New Hampshire											
K1LD	46,154	164	94	SO-MIX-LP	0/0	28/22	36/17	70/30	20/16	10/9	
NF1L	5,240	80	40	SO-PH-HP	1/1	5/5	11/8	49/20	8/3	6/3	
N3CAN	611	33	13	SO-PH-LP	0/0	0/0	13/8	20/5	0/0	0/0	
K8CN	91,546	461	91	SO-CW-QRP	2/2	23/7	148/28	172/33	65/14	51/7	
KG1V	35,847	271	63	SO-CW-LP	0/0	10/4	88/22	132/24	29/10	12/3	
K1RX	693,088	1,441	176	SOU-MIX-HP	16/8	168/41	382/50	534/35	230/30	111/12	
K1AR	212,667	627	133	SOU-MIX-HP	0/0	19/14	152/39	408/55	37/17	11/8	
KA2KON	55,650	202	106	SOU-PH-LP	0/0	8/8	62/35	103/43	28/19	1/1	
Rhode Island											
W1WBB	11,973	157	39	SOU-CW-QRP	0/0	0/0	0/0	56/18	60/11	41/10	
Vermont											
N1UR	1,032,624	1,725	213	SO-PH-HP	4/3	72/33	307/51	1,133/68	133/36	76/22	
KK1L	37,092	257	66	SO-PH-HP	0/0	2/2	111/29	56/25	88/10	0/0	
AA1SU	28,762	180	73	SOU-MIX-LP	0/0	34/20	112/37	34/16	0/0	0/0	
Western Massachusetts											
K5ZD	1,695,309	2,459	231	SO-MIX-HP	45/15	189/40	514/54	1,192/60	380/43	139/19	
NE1D	24,612	133	84	SO-PH-LP	0/0	14/12	19/15	69/33	30/23	1/1	
W3SM	64,124	318	82	SO-CW-HP	0/0	1/1	84/25	161/31	53/18	19/7	
W1GD	1,015,992	1,148	274	SOU-MIX-HP	18/13	88/48	279/64	496/74	188/45	79/30	
KB1W	396,552	1,386	123	SOU-MIX-HP	11/3	142/28	370/33	537/34	196/18	130/7	
W1FSH	585	18	9	SOU-MIX-LP	0/0	0/0	0/0	18/9	0/0	0/0	
W4FEB	364	18	13	SOU-PH-LP	0/0	0/0	4/3	8/5	2/2	4/3	
W1UJ	34,780	139	94	SOU-CW-HP	0/0	16/12	44/27	29/25	38/23	12/7	
KK1W	15,872	100	64	SOU-CW-LP	0/0	25/12	25/15	25/21	25/16	0/0	
U.S. Call Area 2											
Eastern New York											
WA2JQK	123,702	651	106	SO-MIX-LP	11/4	16/5	191/33	372/44	43/14	18/6	
KX1W	272	12	8	SO-MIX-LP	0/0	0/0	0/0	12/8	0/0	0/0	
N2MTG	14,307	130	57	SO-PH-LP	0/0	24/13	51/29	45/10	5/3	5/2	
KD2NE	7,194	81	33	SO-PH-HP	0/0	0/0	0/0	81/33	0/0	0/0	
W2DFC	4,991	101	23	SO-PH-HP	0/0	0/0	14/12	87/11	0/0	0/0	
KG5JEN	30	5	2	SO-PH-LP	0/0	0/0	0/0	5/2	0/0	0/0	
W2EG	6,440	86	23	SO-CW-HP	0/0	0/0	86/23	0/0	0/0	0/0	
WA2NYY	1,482	34	19	SO-CW-QRP	0/0	0/0	6/4	28/15	0/0	0/0	
W3PU	800,976	1,058	246	SOU-MIX-HP	19/13	79/43	188/55	651/78	98/45	23/12	KO8SCA
WB2NVR	117,300	468	102	SOU-MIX-HP	0/0	1/1	100/40	331/48	26/10	10/3	
NJ1F	4,932	74	36	SOU-MIX-LP	5/4	23/12	35/14	11/6	0/0	0/0	
KA5WSS	24	4	4	SOU-PH-LP	0/0	0/0	0/0	1/1	2/2	1/1	
W4POT	12	2	2	SOU-PH-LP	0/0	0/0	1/1	0/0	0/0	1/1	
N2SO	17,738	160	49	SOU-CW-LP	1/1	9/3	32/10	94/21	22/12	2/2	
K1RQ	1,512	32	21	MSHP	4/3	15/8	6/4	7/6	0/0	0/0	K1RQ, NJ1F
New York City-Long Island											
KS2G	12,688	107	52	SO-PH-LP	0/0	1/1	3/2	57/26	42/19	4/4	
KC2JRQ	133	8	7	SO-PH-LP	0/0	0/0	0/0	8/7	0/0	0/0	
KR2AA	108,342	664	78	SO-CW-HP	0/0	0/0	157/29	293/30	90/9	124/10	
WB2KWC	240	17	8	SO-CW-LP	0/0	0/0	7/4	10/4	0/0	0/0	
KA2D	1,024	30	16	SOU-MIX-LP	0/0	0/0	0/0	7/5	11/6	12/5	
N2MUN	17,424	283	36	SOU-PH-HP	0/0	0/0	52/10	231/26	0/0	0/0	

W2JV	7,955	78	37	SOU-PH-LP	0/0	0/0	0/0	78/37	0/0	0/0	
K4RUM	622,870	1,264	199	SOU-CW-HP	31/7	128/38	315/52	504/59	198/28	88/15	
K2QMF	195,976	528	131	SOU-CW-HP	0/0	5/5	99/35	247/48	147/33	30/10	
K2PAL	37,245	168	65	SOU-CW-HP	0/0	0/0	58/27	93/28	6/3	11/7	
K1NY	11,220	99	55	SOU-CW-LP	0/0	29/13	23/17	12/10	27/12	8/3	
W2Z	691,775	1,580	175	MSHP	3/2	60/28	390/57	1,033/60	94/28	0/0	KD2RD, NQ2F, WB2TQE
W2VL	245	19	7	MSHP	0/0	0/0	0/0	19/7	0/0	0/0	K2KNB, KD2GXL, N2ION
Northern New Jersey											
KU2M	406,077	870	183	SO-MIX-LP	12/4	119/31	166/40	395/54	123/35	55/19	
W2GFV	5,405	110	23	SO-MIX-LP	0/0	0/0	2/1	108/22	0/0	0/0	
KA2HZP	4,776	87	24	SO-PH-LP	0/0	0/0	0/0	87/24	0/0	0/0	
AB2TB	42,402	273	74	SO-CW-LP	0/0	28/9	46/18	121/26	57/15	21/6	
AF2F	29,388	194	62	SO-CW-LP	0/0	0/0	79/28	71/25	44/9	0/0	
N2ED	18,000	186	48	SO-CW-LP	0/0	0/0	0/0	62/18	88/19	36/11	
N2CG	740	20	10	SO-CW-HP	0/0	0/0	20/10	0/0	0/0	0/0	
N2GM	268,522	717	142	SOU-MIX-HP	7/3	64/19	160/36	289/38	128/29	69/17	
W2YR	127,595	282	169	SOU-MIX-HP	4/3	46/22	92/52	81/52	48/35	11/5	
W2LE	114,456	297	114	SOU-CW-HP	0/0	2/2	99/39	155/48	35/20	6/5	
WB2PJH	17,931	169	43	SOU-CW-HP	0/0	2/1	37/11	76/16	49/12	5/3	
W2CG	8,262	85	34	SOU-CW-LP	0/0	0/0	85/34	0/0	0/0	0/0	
K2ZC	350	19	10	SOU-CW-LP	0/0	0/0	0/0	19/10	0/0	0/0	
Northern New York											
W2XK	952	20	17	SO-MIX-LP	0/0	0/0	4/4	16/13	0/0	0/0	
Southern New Jersey											
W2KU	8,304	79	48	SO-PH-HP	0/0	4/4	31/20	23/11	19/11	2/2	
N2UU	45,126	297	69	SO-CW-LP	0/0	30/10	92/24	137/24	30/7	8/4	
K3MR	1,462	48	17	SO-CW-LP	1/1	1/1	7/5	29/4	8/4	2/2	
KD2JOE	9,905	102	35	SOU-PH-LP	0/0	0/0	0/0	102/35	0/0	0/0	
N2MM	462,462	867	182	SOU-CW-HP	1/1	42/28	147/37	429/54	172/40	76/22	
K2RET	188,802	447	153	SOU-CW-HP	23/10	75/37	131/41	166/38	52/27	0/0	
AB2E	45,240	233	78	SOU-CW-HP	0/0	151/31	43/22	39/25	0/0	0/0	
WA2FZB	19,886	110	61	SOU-CW-HP	0/0	0/0	52/32	58/29	0/0	0/0	
N1BM	5,343	46	39	SOU-CW-HP	0/0	0/0	0/0	21/15	18/17	7/7	
Western New York											
KM2L	61,710	274	85	SO-MIX-HP	0/0	0/0	49/19	165/36	48/23	12/7	
NV2K	4,239	66	27	SO-PH-LP	0/0	0/0	0/0	66/27	0/0	0/0	
K2ZR	146,740	663	110	SO-CW-LP	14/3	88/20	181/35	304/33	62/13	14/6	
WS9M	138,996	454	117	SO-CW-HP	6/4	30/10	84/33	288/50	25/13	21/7	
NS2N	113,162	401	118	SO-CW-HP	0/0	82/24	138/36	127/35	34/16	20/7	
N2BEG	3,186	55	27	SO-CW-LP	5/4	9/4	19/7	5/5	12/5	5/2	
WB2WPM	2,835	57	21	SO-CW-HP	0/0	0/0	0/0	57/21	0/0	0/0	
K2QB	1,824	70	16	SO-CW-LP	0/0	0/0	31/12	39/4	0/0	0/0	
KA2WIK	517	34	11	SO-CW-LP	0/0	1/1	9/3	0/0	24/7	0/0	
N2NXK	13,786	94	61	SOU-PH-HP	0/0	7/7	24/16	51/27	11/10	1/1	
K2ANZ	8,075	121	25	SOU-PH-HP	0/0	2/2	31/8	86/14	2/1	0/0	
AB3CX	1,394,172	1,777	234	SOU-CW-HP	34/16	183/47	456/52	836/62	200/39	68/18	
NW2K	21,560	185	55	SOU-CW-HP	0/0	117/30	0/0	23/8	40/15	5/2	
W2VM	20,351	199	47	SOU-CW-LP	0/0	0/0	43/13	103/21	40/9	13/4	
KB2URI	161	9	7	SOU-CW-LP	0/0	0/0	0/0	9/7	0/0	0/0	
U.S. Call Area 3											
Delaware											
NW3Y	523,575	944	195	SOU-CW-HP	31/18	89/34	283/46	310/46	186/34	45/17	
WA4TAS	2,880	56	24	SOU-CW-LP	0/0	0/0	3/3	42/14	11/7	0/0	
Eastern Pennsylvania											
N3XZ	13,255	99	55	SO-PH-LP	0/0	3/3	15/12	68/30	13/10	0/0	
AC2BI	2,046	49	22	SO-PH-HP	0/0	0/0	21/13	28/9	0/0	0/0	
N3HWH	936	78	12	SO-PH-LP	0/0	0/0	0/0	0/0	0/0	0/0	
W3AVP	462	30	11	SO-PH-LP	0/0	0/0	4/4	18/5	8/2	0/0	
AB3BD	125	15	5	SO-PH-LP	0/0	0/0	0/0	15/5	0/0	0/0	
N3UO	30	3	2	SO-PH-LP	0/0	0/0	0/0	3/2	0/0	0/0	
WI2E	399,249	1,107	159	SO-CW-LP	30/4	202/34	259/44	371/42	190/28	55/7	
WK2G	290,928	864	132	SO-CW-HP	0/0	41/15	203/38	370/40	113/26	137/13	

K3UL	116,184	515	94	SO-CW-HP	0/0	0/0	172/32	173/28	158/27	12/7	
W3WHK	55,506	317	66	SO-CW-LP	0/0	65/14	150/25	101/26	1/1	0/0	
KY3W	27,848	208	59	SO-CW-LP	10/6	37/10	76/20	54/10	22/7	9/6	
WA1HEW	21,900	184	50	SO-CW-LP	0/0	0/0	79/22	89/20	16/8	0/0	
K3ATO	16,112	127	53	SO-CW-HP	7/4	26/12	79/26	15/11	0/0	0/0	
K3VA	11,776	126	32	SO-CW-HP	0/0	0/0	0/0	126/32	0/0	0/0	
NR3Z	5,655	99	29	SO-CW-LP	0/0	4/2	27/8	37/11	30/7	1/1	
K3WW	1,278,288	1,579	269	SOU-MIX-HP	34/25	155/45	420/61	638/70	240/43	92/25	
N3RJ	17,800	193	40	SOU-MIX-HP	0/0	0/0	0/0	174/33	19/7	0/0	
W3FIZ	13,631	100	43	SOU-MIX-LP	0/0	0/0	33/14	67/29	0/0	0/0	
WV2M	3,000	32	30	SOU-MIX-HP	0/0	0/0	14/14	9/8	9/8	0/0	
WB3BJU	6,720	74	35	SO-PH-HP	0/0	0/0	14/10	60/25	0/0	0/0	
W2DLT	429	15	11	SOU-PH-HP	0/0	0/0	0/0	13/9	2/2	0/0	
AA3B	2,729,188	2,772	308	SOU-CW-HP	78/24	353/52	773/66	889/79	448/54	231/33	
N3AD	1,104,873	1,636	231	SOU-CW-HP	66/12	216/44	473/57	620/67	237/41	24/10	
N3RS	588,093	892	213	SOU-CW-HP	20/14	112/43	158/51	436/54	131/38	35/13	
W3KB	456,057	944	189	SOU-CW-LP	20/6	160/35	264/50	376/51	87/30	37/17	
K3WJV	428,652	812	196	SOU-CW-HP	29/11	122/36	220/49	280/53	115/31	46/16	
N3RD	262,395	629	153	SOU-CW-HP	0/0	0/0	103/44	313/59	198/42	15/8	
W3FV	235,620	608	140	SOU-CW-HP	0/0	146/35	178/41	125/34	158/29	1/1	
K3PP	209,000	422	190	SOU-CW-HP	20/9	57/32	70/45	190/55	58/32	27/17	
KB3Z	37,356	208	66	SOU-CW-HP	0/0	0/0	84/27	80/18	25/14	19/7	
N3ZA	30,976	134	88	SOU-CW-LP	0/0	14/7	39/26	40/26	31/23	10/6	
KU2C	25,515	118	105	SOU-CW-HP	5/4	21/21	46/38	19/19	19/15	8/8	
WA3AAN	20,299	180	53	SOU-CW-HP	0/0	14/7	45/18	109/23	11/4	1/1	
KF3G	9,240	111	40	SOU-CW-LP	0/0	0/0	17/5	56/20	21/8	17/7	
W3ZGD	329,160	936	156	MSHP	0/0	79/23	199/41	431/48	137/27	90/17	K3MSB, KC3IPF, KO3T, WS3C
K3L	3	3	1	MSHP	0/0	0/0	0/0	3/1	0/0	0/0	KB3IPZ, N3ZIO
Maryland-DC											
NN3W	1,963,280	2,618	230	SO-MIX-HP	36/13	164/31	709/55	1,307/60	335/47	67/24	@N3HBX
KD4D	929,940	1,401	220	SO-MIX-LP	38/13	181/41	468/54	485/54	179/40	50/18	
K3ZO	697,026	1,216	179	SO-MIX-HP	0/0	51/27	569/63	517/55	60/23	19/11	
NC3Y	49,724	382	62	SO-MIX-HP	0/0	29/10	106/25	247/27	0/0	0/0	
N3TE	22,007	161	59	SO-MIX-LP	0/0	33/11	64/23	54/17	7/6	3/2	
K3KU	7,630	98	35	SO-MIX-LP	0/0	6/3	34/13	58/19	0/0	0/0	
N3KBF	7,315	77	35	SO-PH-LP	0/0	0/0	46/17	31/18	0/0	0/0	
W3MBC	3,424	48	32	SO-PH-LP	0/0	13/10	31/19	4/3	0/0	0/0	
WW3MM	550	55	10	SO-PH-LP	0/0	0/0	0/0	0/0	0/0	0/0	
KB3AAY	86,955	451	85	SO-CW-LP	0/0	14/8	200/29	115/22	96/18	26/8	
N3QE	1,071,150	1,737	222	SOU-MIX-HP	39/10	271/52	528/60	688/59	186/34	25/7	
N3AM	151,071	468	111	SOU-MIX-HP	0/0	32/27	242/47	194/37	0/0	0/0	
K3ZU	82,979	199	169	SOU-MIX-HP	8/8	41/40	32/31	57/45	41/31	20/14	
NA3M	14,212	87	68	SOU-MIX-HP	0/0	0/0	35/28	46/34	6/6	0/0	
K3AU	13,184	96	64	SOU-MIX-HP	0/0	0/0	59/38	37/26	0/0	0/0	
W3MMM	8,856	97	36	SOU-MIX-HP	0/0	4/4	17/10	76/22	0/0	0/0	
W3LL	584,502	1,293	183	SOU-PH-HP	3/2	37/26	306/52	801/54	91/28	55/21	
W3ICM	94,842	498	99	SOU-PH-HP	0/0	29/10	147/31	240/34	82/24	0/0	
N3YPJ	5,421	68	39	SOU-PH-LP	0/0	2/2	26/22	21/5	19/10	0/0	
N4ZR	325,008	715	148	SOU-CW-HP	0/0	24/23	236/50	414/54	41/21	0/0	
K3RA	167,808	512	96	SOU-CW-HP	0/0	63/18	156/34	293/44	0/0	0/0	
WA3AER	134,288	466	112	SOU-CW-HP	0/0	66/14	139/38	190/41	71/19	0/0	
W3GVX	34,188	206	66	SOU-CW-HP	0/0	5/2	89/27	80/25	25/9	7/3	
WA3MD	25,830	130	63	SOU-CW-LP	0/0	0/0	92/32	16/12	14/11	8/8	
AC3BU	20,352	153	53	SOU-CW-LP	0/0	0/0	79/28	57/15	17/10	0/0	
AA3RQ	6,768	91	36	SOU-CW-LP	2/2	6/2	15/6	40/12	19/8	9/6	
W2CDO	6,368	65	32	SOU-CW-HP	0/0	0/0	24/12	41/20	0/0	0/0	
AB3KP	270	16	9	SOU-CW-LP	0/0	0/0	9/4	7/5	0/0	0/0	
N3DPB	310,992	673	176	MSHP	20/6	33/12	177/50	167/51	251/42	25/15	AC3BU, K3MTR, KB3VQC, N3DPB, KØØØ, K6ZO, KB3VQC, N3DPB, ND3D, WA3EKL
WA3EKL	236,288	981	104	MSHP	36/15	104/17	116/23	719/43	4/4	2/2	WA3EKL
K3CCR	232,500	453	155	MSHP	0/0	63/34	92/41	272/62	26/18	0/0	N3UM, W3GB
Western Pennsylvania											
N3XF	124,832	482	83	SO-MIX-HP	0/0	35/9	155/28	292/46	0/0	0/0	
N2EM	101,171	460	97	SO-MIX-LP	4/4	64/18	35/7	277/46	67/15	13/7	
W3MLJ	1,737	131	9	SO-MIX-LP	0/0	0/0	0/0	131/9	0/0	0/0	
WA3HGW	1,480	33	20	SO-PH-LP	0/0	0/0	33/20	0/0	0/0	0/0	
K3VED	1,220	29	20	SO-PH-HP	0/0	0/0	2/2	17/11	8/5	2/2	

K3UA	163,780	706	95	SO-CW-HP	14/4	227/25	251/34	214/32	0/0	0/0	
K3JHT	204	20	6	SO-CW-LP	0/0	0/0	0/0	20/6	0/0	0/0	
KA3PMW	1	1	1	SO-CW-LP	0/0	1/1	0/0	0/0	0/0	0/0	
U.S. Call Area 4											
Alabama											
K4AB	1,178,013	2,135	211	SO-MIX-HP	37/12	169/40	529/57	1,217/55	156/31	27/16	
N4NO	200,982	620	123	SO-MIX-HP	0/0	33/14	183/35	242/37	126/28	36/9	
AB4EJ	13,362	204	34	SO-PH-HP	0/0	4/3	169/22	29/7	2/2	0/0	
KX4BI	10,810	107	46	SO-PH-LP	0/0	0/0	14/8	78/27	12/8	3/3	
WA4JA	9,600	89	48	SO-PH-LP	0/0	4/3	51/28	24/11	8/4	2/2	
AE4M	4,290	65	30	SO-PH-LP	0/0	0/0	14/7	47/19	2/2	2/2	
KB4LA	1,003	29	17	SO-PH-LP	0/0	0/0	7/6	21/10	1/1	0/0	
WE5TM	112	6	4	SO-PH-LP	0/0	0/0	6/4	0/0	0/0	0/0	
WA1FCN	335,445	789	165	SO-CW-LP	16/4	45/12	289/48	302/57	80/29	57/15	
N4KC	23,698	198	41	SO-CW-HP	0/0	0/0	0/0	198/41	0/0	0/0	
K4HDW	74,284	304	98	SOU-PH-HP	0/0	20/13	99/36	174/39	7/7	4/3	
W4ER	1,122	48	11	SOU-CW-QRP	0/0	0/0	48/11	0/0	0/0	0/0	
W4UAL	40,651	303	59	MSHP	0/0	0/0	0/0	110/29	193/30	0/0	K4CWW, KV4T
NN4SA	19,050	146	50	MSHP	0/0	0/0	74/28	63/16	9/6	0/0	KK4IKR, NN4NT, W4PPC
Georgia											
N4PN	633,749	1,421	197	SO-MIX-HP	29/7	145/37	340/57	670/47	160/29	77/20	
KU8E	431,680	1,146	160	SO-MIX-HP	23/7	172/31	299/43	548/55	65/15	39/9	
KD4YDD	2,668	52	23	SO-MIX-LP	0/0	0/0	0/0	34/11	9/7	9/5	
KJ4YM	792	42	11	SO-MIX-QRP	0/0	0/0	14/3	28/8	0/0	0/0	
K4SHW	12,240	117	48	SO-PH-LP	0/0	5/4	33/11	63/22	10/6	6/5	
KM4RKT	7,486	85	38	SO-PH-LP	0/0	10/2	29/14	40/16	4/4	2/2	
KC8YRK	5,145	61	35	SO-PH-LP	0/0	0/0	15/10	36/17	5/4	5/4	
KN4ETD	1,729	43	19	SO-PH-LP	0/0	0/0	27/11	16/8	0/0	0/0	
W1AM	1,386	26	18	SO-PH-LP	0/0	0/0	11/8	15/10	0/0	0/0	
KD4QMY	850	21	17	SO-PH-LP	0/0	0/0	2/2	18/14	1/1	0/0	
KK4CS	456	24	8	SO-PH-LP	0/0	0/0	2/1	22/7	0/0	0/0	
K4BAI	469,522	1,071	173	SO-CW-LP	16/5	94/19	357/52	434/56	112/31	58/10	
WF4W	53,328	372	66	SO-CW-HP	14/4	54/11	121/16	137/18	26/12	20/5	
N4TOL	17,901	170	51	SO-CW-LP	4/3	15/7	69/17	61/14	14/6	7/4	
W4QO	14,016	100	48	SO-CW-QRP	0/0	0/0	27/15	60/24	12/8	1/1	
NC4M	3	1	1	SO-CW-LP	0/0	0/0	0/0	1/1	0/0	0/0	
W4ATL	17,420	147	52	SOU-MIX-HP	0/0	16/7	66/17	57/21	7/6	1/1	
WD4RB	4,350	62	29	SOU-MIX-LP	0/0	0/0	12/8	43/17	6/3	1/1	
WA4RTE	555	17	15	SOU-MIX-HP	0/0	0/0	0/0	17/15	0/0	0/0	
K4VBM	333	19	9	SOU-MIX-LP	0/0	0/0	0/0	17/7	2/2	0/0	
K4BBH	40,542	172	87	SOU-PH-HP	0/0	1/1	36/22	108/43	24/19	3/2	
KM4VTE	26,962	160	61	SOU-PH-HP	0/0	0/0	33/17	104/29	16/12	7/3	
K4ZMW	19,926	129	54	SOU-PH-LP	0/0	0/0	28/14	84/28	14/10	3/2	
K4LDC	12,243	101	53	SOU-PH-LP	0/0	1/1	21/16	59/22	18/12	2/2	
K4ELI	3,025	54	25	SOU-PH-HP	0/0	0/0	2/2	39/15	8/5	5/3	
WB3ILX	700	25	10	SOU-PH-HP	0/0	0/0	6/3	19/7	0/0	0/0	
KN4CQJ	161	9	7	SOU-PH-LP	0/0	0/0	4/3	5/4	0/0	0/0	
NS4T	6,520	177	20	SOU-CW-LP	0/0	21/7	156/13	0/0	0/0	0/0	
W4AQL	609,492	1,524	156	MSHP	13/3	74/12	572/58	732/53	101/24	32/6	AE9SS, KB6EE, KE8FGB, KJ4IQA, KN8U, WA4FET
Kentucky											
WE5P	58,990	293	85	SO-MIX-LP	8/3	42/13	136/33	72/22	35/14	0/0	
W4RLB	102	8	6	SO-MIX-LP	0/0	0/0	1/1	7/5	0/0	0/0	
N4ZY	23,058	151	61	SO-PH-HP	0/0	0/0	2/2	104/35	44/23	1/1	
WV4O	6,501	85	33	SO-PH-LP	0/0	0/0	2/2	73/25	10/6	0/0	
ND4Y	4,392	55	36	SO-PH-LP	0/0	2/1	29/21	24/14	0/0	0/0	
WD4KTF	3,416	52	28	SO-PH-LP	0/0	0/0	7/5	39/19	6/4	0/0	
KJ4YLR	1,120	31	16	SO-PH-LP	0/0	0/0	9/6	21/9	0/0	1/1	
KG2E	520	26	10	SO-PH-LP	0/0	0/0	5/2	21/8	0/0	0/0	
WD4IYE	80	14	4	SO-PH-QRP	0/0	0/0	0/0	14/4	0/0	0/0	
K4WWW	103,584	514	83	SO-CW-HP	0/0	65/10	238/39	211/34	0/0	0/0	
KJ4AOM	10,396	96	46	SO-CW-LP	4/3	12/6	40/15	33/16	7/6	0/0	
KM4FO	8,400	103	35	SO-CW-LP	0/0	0/0	83/26	20/9	0/0	0/0	
AJ4A	15,488	102	64	SOU-MIX-HP	2/2	5/5	41/26	51/28	2/2	1/1	
KE4KY	29,862	212	63	SOU-CW-HP	0/0	0/0	39/20	136/24	26/9	11/10	

NU4N	17,799	158	51	SOU-CW-LP	0/0	22/5	22/11	80/23	26/8	8/4	
KU4A	11,628	125	38	SOU-CW-QRP	0/0	0/0	0/0	77/18	24/11	24/9	
North Carolina											
K3YDX	9,120	103	40	SO-MIX-LP	0/0	0/0	0/0	41/21	44/13	18/6	
AI4GR	3,129	64	21	SO-MIX-LP	0/0	0/0	9/8	55/13	0/0	0/0	
WA4BPJ	3,024	48	27	SO-MIX-LP	0/0	0/0	15/6	28/17	5/4	0/0	
W2GFJ	1,404	36	13	SO-MIX-LP	0/0	0/0	1/1	32/10	3/2	0/0	
NØKOE	368	23	8	SO-MIX-LP	0/0	0/0	1/1	22/7	0/0	0/0	
W4BBT	44,240	341	70	SO-PH-HP	0/0	13/13	107/23	219/32	1/1	1/1	
KN4EWI	19,796	231	49	SO-PH-LP	0/0	21/12	83/18	111/15	16/4	0/0	
N1XL	15,930	119	59	SO-PH-LP	0/0	8/7	44/24	48/15	15/9	4/4	
NC4MI	1,092	35	14	SO-PH-LP	0/0	0/0	0/0	34/13	1/1	0/0	
AK4D	516	24	12	SO-PH-LP	0/0	0/0	1/1	20/8	1/1	2/2	
N4AF	1,187,970	1,771	210	SO-CW-HP	41/16	195/37	572/56	707/61	256/40	0/0	
AD8J	66,339	277	91	SO-CW-HP	0/0	38/19	94/27	99/25	32/14	14/6	
K2ATZ	23,517	155	67	SO-CW-LP	0/0	22/14	34/17	69/21	24/9	6/6	
K3WA	23,400	196	52	SO-CW-LP	0/0	0/0	0/0	156/40	40/12	0/0	
N3CKI	23,382	205	54	SO-CW-LP	2/2	27/7	42/14	92/19	27/7	15/5	
K4BSK	11,439	123	41	SO-CW-LP	0/0	0/0	16/7	82/23	23/9	2/2	
N4YB	10,215	87	45	SO-CW-LP	0/0	0/0	23/17	64/28	0/0	0/0	
NW4V	960	22	15	SO-CW-LP	0/0	0/0	0/0	22/15	0/0	0/0	
N4EII	880	36	10	SO-CW-LP	0/0	0/0	0/0	36/10	0/0	0/0	
NR3X	1,471,259	2,286	271	SOU-MIX-HP	71/24	262/52	762/68	828/64	263/41	100/22	N4YDU
AA4LS	136,128	603	96	SOU-MIX-LP	7/3	26/10	330/43	148/20	56/12	36/8	
KM4SII	81,508	428	82	SOU-MIX-LP	0/0	10/2	63/20	256/34	64/18	35/8	
WJ2D	71,592	303	76	SOU-MIX-HP	0/0	0/0	106/33	197/43	0/0	0/0	
N4LA	44,440	150	101	SOU-MIX-HP	0/0	15/13	58/41	68/40	9/7	0/0	
W4KAZ	22,981	137	67	SOU-MIX-LP	4/3	37/14	49/24	40/21	5/3	2/2	
K4QE	6,432	60	48	SOU-PH-HP	0/0	0/0	0/0	47/35	11/11	2/2	
KK4GC	3,740	53	34	SOU-PH-LP	0/0	1/1	31/24	21/9	0/0	0/0	
K1LDO	248	15	8	SOU-PH-LP	0/0	0/0	0/0	11/4	2/2	2/2	
N1LN	385,320	834	190	SOU-CW-HP	54/24	123/43	180/38	284/41	127/32	66/12	
NA4J	110,446	436	98	SOU-CW-HP	0/0	51/18	188/43	185/32	12/5	0/0	
K1KK	44,730	241	71	SOU-CW-QRP	3/2	65/13	92/23	59/16	18/13	4/4	HK1A
ND2O	1,764	28	18	SOU-CW-HP	0/0	0/0	15/8	12/9	1/1	0/0	
K4OV	397,075	913	175	MSHP	0/0	19/17	144/51	688/59	40/28	22/20	K4OV
Northern Florida											
KM4HI	82,716	281	113	SO-MIX-LP	3/2	14/11	53/26	155/48	45/22	11/4	
K2PS	82,620	389	85	SO-MIX-HP	0/0	3/2	223/38	97/24	50/16	16/5	
KM4ZQE	14,400	264	32	SO-PH-LP	0/0	0/0	58/5	199/25	7/2	0/0	
K4GDF	1,914	35	22	SO-PH-LP	0/0	0/0	6/6	24/12	5/4	0/0	
WB4MM	1,530	36	18	SO-PH-LP	0/0	0/0	10/7	23/8	3/3	0/0	
N1JOO	240	16	5	SO-PH-LP	0/0	0/0	0/0	16/5	0/0	0/0	
W2CPO	21	3	3	SO-PH-HP	0/0	0/0	1/1	2/2	0/0	0/0	
KW1K	28,680	218	60	SO-CW-LP	0/0	0/0	36/20	143/28	34/8	5/4	
WA1PMA	28,487	204	61	SO-CW-LP	0/0	0/0	10/8	160/35	31/15	3/3	
KN4Y	27,694	183	61	SO-CW-LP	0/0	0/0	30/12	77/24	24/17	52/8	
NN7CW	16,038	293	27	SO-CW-HP	0/0	0/0	0/0	0/0	172/18	121/9	
N4LZ	14,800	166	37	SO-CW-HP	0/0	0/0	0/0	114/26	52/11	0/0	
K3ZGA	4,368	83	28	SO-CW-LP	0/0	1/1	19/6	58/18	5/3	0/0	
N4CU	350	13	10	SO-CW-LP	0/0	0/0	13/10	0/0	0/0	0/0	
WO4O	438,986	769	206	SOU-MIX-HP	1/1	35/27	156/51	359/64	139/41	79/22	
WØA/5Ø	62,400	278	96	SOU-MIX-HP	9/6	32/8	41/23	115/36	74/21	7/2	K3TW
WA4IPU	39,785	230	73	SOU-MIX-LP	0/0	0/0	81/21	120/38	27/12	2/2	
K1KNQ	23,793	138	77	SOU-MIX-LP	15/6	47/16	44/29	10/8	17/15	5/3	
K2ADA	123,732	474	126	SOU-PH-LP	0/0	22/15	169/40	244/47	37/22	2/2	
NN2T	4,120	54	40	SOU-PH-HP	0/0	0/0	27/21	27/19	0/0	0/0	
K4SBZ	1,710	44	19	SOU-PH-LP	0/0	3/3	35/11	6/5	0/0	0/0	
W4WF	73,040	287	88	SOU-CW-HP	0/0	0/0	0/0	169/41	66/30	52/17	
KØLUZ	27,555	146	55	SOU-CW-HP	0/0	0/0	0/0	121/35	25/20	0/0	
K9BO	13,064	103	46	SOU-CW-LP	0/0	0/0	43/22	41/13	14/6	5/5	
NØSMX	12	2	2	SOU-CW-LP	0/0	0/0	0/0	0/0	2/2	0/0	
South Carolina											
KG4IGC	11,424	118	42	SO-MIX-LP	4/3	9/5	61/12	10/6	13/9	21/7	
WB4HRL	32,782	195	74	SO-PH-HP	0/0	12/9	93/30	62/18	19/12	9/5	
W4SLT	19,089	100	63	SO-PH-HP	0/0	0/0	29/25	71/38	0/0	0/0	

KR4NO	15,776	134	58	SO-PH-LP	0/0	1/1	43/19	68/24	11/10	11/4	
W4CWM	1,200	40	16	SO-PH-LP	0/0	0/0	4/4	34/10	2/2	0/0	
W4BIX	102	8	6	SO-PH-LP	0/0	0/0	4/3	4/3	0/0	0/0	
NN4SS	141,404	469	116	SO-CW-HP	2/2	56/13	205/44	130/30	57/19	19/8	
W4JKC	9,728	100	32	SO-CW-HP	0/0	0/0	0/0	100/32	0/0	0/0	
WA2PCN	1,729	53	13	SO-CW-HP	0/0	0/0	2/2	51/11	0/0	0/0	
N4EFS	20	2	2	SO-CW-LP	0/0	0/0	2/2	0/0	0/0	0/0	
NU4E	4,464	50	36	SOU-MIX-LP	0/0	2/2	17/15	29/17	2/2	0/0	
KA4FVE	11,395	94	53	SOU-PH-LP	0/0	3/3	39/19	46/25	6/6	0/0	
WUØB	9,798	92	46	SOU-PH-LP	0/0	13/8	13/9	57/22	8/6	1/1	
K2SX	445,354	1,034	182	SOU-CW-HP	0/0	165/41	262/44	285/51	184/30	138/16	
NI7R	108,409	342	119	SOU-CW-HP	0/0	37/16	161/44	111/38	24/15	9/6	
N4XL	24,252	225	43	SOU-CW-LP	0/0	0/0	0/0	156/24	69/19	0/0	
N4IQ	422,433	1,015	187	MSHP	44/7	129/37	383/60	312/41	143/39	4/3	N4IQ, WN4AFP
Southern Florida											
N2JF	22,500	126	60	SO-MIX-LP	0/0	0/0	84/37	42/23	0/0	0/0	
AI4WW	19,320	161	46	SO-MIX-HP	0/0	0/0	38/16	99/23	24/7	0/0	
N4ASX/W4	793	24	13	SO-PH-LP	0/0	0/0	0/0	24/13	0/0	0/0	
K4ILG	12	2	2	SO-PH-LP	0/0	0/0	0/0	2/2	0/0	0/0	
N4UM	47,034	298	67	SO-CW-HP	0/0	0/0	0/0	176/35	101/26	21/6	
K4SXT	38,000	199	76	SO-CW-LP	0/0	7/7	28/18	131/36	22/11	11/4	
W4SPR	33,046	215	62	SO-CW-LP	0/0	0/0	84/21	74/24	44/13	13/4	
KN4JN	5,040	73	30	SO-CW-LP	0/0	0/0	30/10	27/11	15/8	1/1	
W4EE	92,819	379	101	SOU-MIX-LP	0/0	9/6	86/29	186/46	61/15	37/5	
N4BP	647,192	1,381	182	SOU-CW-HP	0/0	103/42	393/52	712/50	126/26	47/12	
AA4NP	56,304	249	92	SOU-CW-LP	0/0	0/0	145/42	74/36	18/9	12/5	
K4MM	12,936	123	44	SOU-CW-HP	0/0	0/0	0/0	123/44	0/0	0/0	
AF4RK	992	30	16	SOU-CW-HP	0/0	0/0	0/0	30/16	0/0	0/0	
Tennessee											
KØEJ	862,040	1,857	184	SO-MIX-HP	39/9	150/25	487/42	729/50	264/36	188/22	
N4ARO	21,120	130	66	SO-MIX-LP	0/0	28/21	44/14	44/18	12/11	2/2	
K4HWS	19,152	124	63	SO-PH-HP	0/0	4/3	29/17	69/25	17/14	5/4	
KC4TNQ	8,901	87	43	SO-PH-LP	0/0	1/1	21/14	59/23	5/4	1/1	
WB5WAJ	7,667	91	41	SO-PH-HP	0/0	0/0	34/17	45/16	9/5	3/3	
KA4OTB	5,643	81	33	SO-PH-HP	0/0	0/0	4/4	67/24	7/2	3/3	
KJ4KKD	4,818	63	33	SO-PH-LP	0/0	2/2	26/13	32/16	3/2	0/0	
WT4BT	3,834	62	27	SO-PH-LP	0/0	0/0	15/7	45/18	1/1	1/1	
KC1DWP	245	18	7	SO-PH-LP	0/0	0/0	2/1	16/6	0/0	0/0	
KW4LU	1	1	1	SO-PH-LP	0/0	0/0	0/0	0/0	0/0	1/1	
K4OAQ	88,956	486	84	SO-CW-LP	0/0	71/15	163/24	181/28	60/12	11/5	
W4UT	74,671	333	89	SO-CW-HP	0/0	0/0	98/31	115/31	104/20	16/7	
K4AMC	23,376	214	48	SO-CW-HP	0/0	0/0	2/1	158/25	42/18	12/4	
K1GU	23,320	263	40	SO-CW-HP	0/0	0/0	0/0	143/19	120/21	0/0	
NU4B	16,377	120	53	SO-CW-QRP	0/0	0/0	55/24	30/14	17/8	18/7	
W6UB	3,952	77	19	SO-CW-LP	0/0	0/0	0/0	75/17	2/2	0/0	
AC4G	3,950	74	25	SO-CW-LP	0/0	0/0	23/8	0/0	0/0	51/17	
W4BCG	1,760	46	16	SO-CW-HP	0/0	0/0	21/7	25/9	0/0	0/0	
KX4FR	17,885	155	49	SOU-MIX-LP	0/0	0/0	0/0	111/32	27/11	17/6	
WV4P	166,160	403	155	SOU-PH-HP	0/0	26/15	135/49	172/53	58/28	12/10	
KC4NX	69,069	398	77	SOU-PH-HP	0/0	4/3	185/42	207/30	2/2	0/0	
W4MF	1,241	27	17	SOU-PH-HP	0/0	0/0	0/0	27/17	0/0	0/0	
W4NZ	640,840	1,377	185	SOU-CW-HP	4/2	112/15	498/54	425/55	234/41	104/18	
K3IE	517,960	1,082	184	SOU-CW-HP	11/4	89/33	380/48	426/55	131/34	45/10	
AD4EB	304,152	980	138	SOU-CW-HP	0/0	60/12	279/40	396/39	210/39	35/8	
N4DW	198,744	555	147	SOU-CW-HP	0/0	106/22	116/40	168/38	130/38	35/9	
K4RO	120,682	593	83	SOU-CW-HP	0/0	4/2	60/9	356/31	113/28	60/13	
AA4DD	97,440	248	112	SOU-CW-HP	5/4	24/16	94/42	125/50	0/0	0/0	
N4UW	78,624	316	96	SOU-CW-LP	0/0	31/13	140/38	95/24	42/16	8/5	
W4HRC	8,856	101	41	SOU-CW-HP	0/0	2/2	36/19	44/9	10/6	9/5	
W4JUJ	273	22	7	SOU-CW-LP	0/0	0/0	0/0	0/0	0/0	22/7	
Virginia											
KD1YV	126	10	7	SO-MIX-LP	0/0	1/1	2/1	7/5	0/0	0/0	
WA9TTC	18,624	109	64	SO-PH-HP	0/0	14/9	36/23	56/29	3/3	0/0	
N4MM	15,132	291	52	SO-PH-HP	0/0	0/0	0/0	0/0	0/0	0/0	
KB4S	7,020	91	39	SO-PH-LP	0/0	5/5	22/11	43/12	16/7	5/4	
KA4GFY	4,760	62	35	SO-PH-HP	0/0	1/1	11/10	47/21	3/3	0/0	

WA2OMT	1,248	30	16	SO-PH-LP	0/0	0/0	0/0	26/13	4/3	0/0	
N4LKB	1,008	28	14	SO-PH-LP	0/0	0/0	0/0	28/14	0/0	0/0	
AE4TH	720	20	15	SO-PH-LP	0/0	0/0	0/0	20/15	0/0	0/0	
KN4UND	264	19	12	SO-PH-LP	0/0	1/1	4/3	14/8	0/0	0/0	
K4LDW	84	13	4	SO-PH-LP	0/0	0/0	0/0	13/4	0/0	0/0	
K7SV	358,827	925	147	SO-CW-LP	0/0	87/14	206/35	401/48	192/37	39/13	
N2YO	212,534	641	133	SO-CW-HP	0/0	137/27	242/43	180/34	48/20	34/9	
AA4EA	141,732	415	127	SO-CW-HP	4/2	8/7	170/46	154/36	69/28	10/8	
N3JT	77,400	251	100	SO-CW-HP	4/2	40/23	159/42	38/23	10/10	0/0	
K4ORD	66,300	278	100	SO-CW-LP	0/0	20/11	71/27	131/39	36/16	20/7	
W4YE	58,460	301	79	SO-CW-LP	0/0	10/5	42/20	151/26	94/25	4/3	
K4MX	33,118	223	58	SO-CW-LP	0/0	0/0	60/23	93/18	50/11	20/6	
K4FTO	31,944	204	66	SO-CW-LP	7/3	15/5	29/16	110/26	36/10	7/6	
WA4DOX	6,670	100	29	SO-CW-LP	0/0	28/7	51/14	21/8	0/0	0/0	
AA1K	5,040	90	28	SO-CW-QRP	0/0	0/0	0/0	90/28	0/0	0/0	
KG3V	4,536	56	28	SO-CW-LP	0/0	0/0	26/10	30/18	0/0	0/0	
WR4I	3,528	73	24	SO-CW-QRP	0/0	0/0	25/7	33/10	15/7	0/0	
N8IK	1,960	58	14	SO-CW-LP	0/0	0/0	27/7	23/4	8/3	0/0	
K4KSR	340	18	10	SO-CW-QRP	0/0	0/0	5/4	0/0	0/0	13/6	
W4/NP2L	329	20	7	SO-CW-LP	0/0	0/0	0/0	20/7	0/0	0/0	
N4RLI	54	10	3	SO-CW-QRP	0/0	0/0	0/0	10/3	0/0	0/0	
N3UA	116,034	447	83	SOU-MIX-HP	0/0	0/0	185/39	260/42	2/2	0/0	
WA4JUK	73,134	508	51	SOU-MIX-HP	0/0	0/0	0/0	508/51	0/0	0/0	
W2YE	37,752	206	78	SOU-MIX-HP	0/0	20/11	67/26	94/25	21/14	4/2	
K4JKB	27,654	206	66	SOU-MIX-HP	0/0	11/6	49/11	109/32	16/9	21/8	
K4CUL	184	18	8	SOU-MIX-LP	0/0	0/0	10/1	5/4	1/1	2/2	
KM4IAJ	22,680	143	70	SOU-PH-LP	0/0	7/4	61/25	54/25	18/13	3/3	
K4PZZ	12,312	99	54	SOU-PH-HP	0/0	0/0	38/18	50/25	9/9	2/2	
W4IPC	12,210	214	33	SOU-PH-HP	0/0	0/0	108/16	106/17	0/0	0/0	
N2LEE	5,680	67	40	SOU-PH-HP	0/0	4/4	30/17	33/19	0/0	0/0	
NN4RB	5,016	54	38	SOU-PH-LP	0/0	0/0	27/21	27/17	0/0	0/0	
KC2DPF	3,784	96	22	SOU-PH-LP	0/0	0/0	39/9	52/9	4/3	1/1	
KD4LEM	2,490	40	30	SOU-PH-LP	0/0	4/4	14/10	22/16	0/0	0/0	
NR4M	325,452	812	148	SOU-CW-HP	0/0	0/0	164/40	373/54	192/35	83/19	
K2WK	237,978	790	117	SOU-CW-HP	0/0	54/18	316/43	360/39	58/15	2/2	
KØZR	133,100	450	100	SOU-CW-HP	0/0	7/6	178/38	194/34	68/20	3/2	
W4PM	124,215	522	105	SOU-CW-LP	16/5	91/13	192/41	136/25	51/14	36/7	
K4GM	106,680	420	105	SOU-CW-HP	0/0	23/10	160/40	147/34	60/13	30/8	
W3YY	93,135	387	105	SOU-CW-HP	22/6	54/12	172/43	44/13	34/13	61/18	
K4GMH	48,645	350	45	SOU-CW-HP	0/0	0/0	350/45	0/0	0/0	0/0	
N3KN	15,372	164	42	SOU-CW-HP	0/0	0/0	0/0	86/16	48/16	30/10	
NJ4Q	10,504	78	52	SOU-CW-LP	0/0	0/0	36/26	20/13	22/13	0/0	
WØNA	265,727	533	187	MSHP	0/0	96/27	200/55	66/55	116/35	55/15	K2GO, W4AAW
West Central Florida											
AAØO	65,424	296	87	SO-MIX-LP	0/0	14/7	28/15	203/46	42/13	9/6	
KM3U	38,115	195	77	SO-PH-HP	0/0	4/3	72/30	93/30	26/14	0/0	
KU4FX	20,237	145	59	SO-PH-HP	0/0	0/0	39/21	94/30	12/8	0/0	
KD4CX	9,061	85	41	SO-PH-LP	0/0	0/0	25/16	57/22	3/3	0/0	
N8JAX	7,015	203	35	SO-PH-HP	0/0	0/0	0/0	0/0	0/0	0/0	
WB4TDH	227,250	582	150	SO-CW-LP	16/8	44/12	149/44	219/47	99/29	55/10	
K4EJ	57,828	251	79	SO-CW-LP	0/0	0/0	63/29	161/39	21/8	6/3	
N3GD	17,353	188	37	SO-CW-LP	0/0	0/0	0/0	188/37	0/0	0/0	
K1TN	15,936	132	48	SO-CW-LP	0/0	3/3	57/21	56/18	16/6	0/0	
WØPV	1,800	38	18	SO-CW-LP	0/0	0/0	25/10	13/8	0/0	0/0	
W4CU	239,525	618	143	SOU-CW-HP	0/0	14/6	196/51	300/56	90/25	18/5	
K2MK	108,924	546	87	SOU-CW-LP	0/0	0/0	190/37	258/33	78/11	20/6	
N4TP	47,894	228	77	SOU-CW-LP	0/0	0/0	58/36	170/41	0/0	0/0	W4LT
W2XYZ	7,320	124	24	SOU-CW-HP	0/0	0/0	13/6	108/15	3/3	0/0	
U.S. Call Area 5											
Louisiana											
N5WWY	910	34	14	SO-PH-LP	0/0	0/0	4/3	30/11	0/0	0/0	
Mississippi											
K5YVY	3,825	67	25	SO-PH-LP	0/0	0/0	15/5	48/16	4/4	0/0	
K15EJB	1,722	46	14	SO-PH-LP	0/0	0/0	0/0	46/14	0/0	0/0	
WQ5L	172,874	594	122	SO-CW-HP	3/2	86/18	213/46	228/35	55/17	9/4	

K7ZYV	3,906	98	21	SO-CW-LP	0/0	0/0	0/0	42/9	55/11	1/1	
U.S. Call Area 8											
Michigan											
AE8TF	47,369	368	67	SO-MIX-LP	8/3	16/6	77/18	199/22	52/12	16/6	
WB8MIW	8,645	123	35	SO-MIX-LP	0/0	0/0	65/20	58/15	0/0	0/0	
N8SBE	3,840	70	20	SO-MIX-LP	0/0	0/0	0/0	70/20	0/0	0/0	
W8PDH	33,128	175	82	SO-PH-LP	0/0	15/11	43/20	101/36	13/12	3/3	
N5MKY	2,860	55	26	SO-PH-LP	0/0	1/1	18/7	32/14	2/2	2/2	
W8ZU	1,728	47	18	SO-PH-LP	0/0	0/0	0/0	44/15	3/3	0/0	
KE8LXT	1,476	49	12	SO-PH-LP	0/0	0/0	0/0	49/12	0/0	0/0	
AC8WC	520	21	13	SO-PH-LP	0/0	0/0	3/2	15/8	1/1	2/2	
W8ZAC	248	19	8	SO-PH-LP	0/0	0/0	0/0	17/7	2/1	0/0	
NA8V	1,061,632	1,945	208	SO-CW-HP	64/11	229/34	529/53	753/54	261/36	109/20	
N8RY	40,180	383	49	SO-CW-LP	0/0	45/7	106/12	226/29	0/0	6/1	
NF8M	25,792	182	64	SO-CW-LP	12/3	14/6	80/30	34/8	22/8	20/9	
WD8S	24,200	197	55	SO-CW-LP	0/0	3/3	36/11	141/35	15/5	2/1	
N8FYL	8,640	112	36	SO-CW-LP	0/0	0/0	0/0	72/20	26/10	14/6	
K8GT	76,095	364	89	SOU-MIX-LP	0/0	9/3	138/36	159/29	39/12	19/9	
K8LX	4,508	54	28	SOU-MIX-LP	0/0	0/0	0/0	54/28	0/0	0/0	
K8RO	4,185	63	27	SOU-MIX-LP	0/0	0/0	0/0	54/22	3/3	6/2	
K8BZ	91,056	401	112	SOU-CW-HP	3/3	23/11	105/31	158/36	61/23	51/8	
W8MJ	87,502	440	67	SOU-CW-HP	35/7	9/4	124/22	254/22	14/10	4/2	
K8MU	24,288	264	44	SOU-CW-LP	0/0	0/0	0/0	218/32	43/9	3/3	
W8EWH	17,630	221	41	SOU-CW-LP	0/0	0/0	70/13	91/15	55/9	5/4	
K8TS	10,280	118	40	SOU-CW-LP	0/0	4/1	76/22	33/12	3/3	2/2	
Ohio											
K4YJ	78,375	347	95	SO-MIX-LP	0/0	13/7	73/29	163/31	73/19	25/9	
WB8AKW	75,760	440	80	SO-MIX-HP	0/0	48/8	104/22	218/30	56/14	14/6	
W8MET	74,108	372	97	SO-MIX-LP	8/2	39/11	102/29	186/38	31/14	6/3	
N8IW	72,726	297	102	SO-MIX-LP	0/0	40/9	63/26	148/41	37/19	9/7	
ND3N	19,239	176	53	SO-MIX-LP	0/0	14/6	56/18	76/19	19/5	11/5	
W8TB	10,812	82	51	SO-MIX-LP	1/1	1/1	35/21	40/24	5/4	0/0	
KA8ZEP	2,912	45	28	SO-MIX-HP	0/0	0/0	6/5	38/22	0/0	1/1	
KC8FOS	222	17	6	SO-MIX-HP	0/0	0/0	0/0	15/4	2/2	0/0	
KV8Z	55	5	5	SO-MIX-LP	0/0	0/0	1/1	4/4	0/0	0/0	
AA8DC	37,128	190	78	SO-PH-HP	2/1	1/1	55/26	118/39	12/9	2/2	
KV4ZY	12,402	90	53	SO-PH-LP	0/0	0/0	42/24	44/25	4/4	0/0	
KD8DNS	690	28	10	SO-PH-LP	0/0	0/0	0/0	28/10	0/0	0/0	
WA8ZIP	161	12	7	SO-PH-QRP	0/0	1/1	1/1	10/5	0/0	0/0	
NK8D	54	10	3	SO-PH-LP	0/0	0/0	0/0	10/3	0/0	0/0	
W1NN	468,860	1,232	170	SO-CW-LP	65/8	208/26	418/47	338/40	142/32	61/17	
N8BJQ	466,900	1,074	175	SO-CW-HP	51/5	117/24	288/50	346/46	187/34	85/16	
N8AA	329,749	818	163	SO-CW-LP	44/10	181/33	204/44	244/39	98/23	47/14	
K8MP	289,192	811	148	SO-CW-HP	14/6	77/26	269/42	291/34	90/24	70/16	
KV8Q	128,610	683	90	SO-CW-LP	0/0	83/9	262/35	260/32	78/14	0/0	
NF8R	121,880	417	110	SO-CW-HP	0/0	13/5	109/35	183/36	86/27	26/7	
N8PW	120,420	561	90	SO-CW-HP	0/0	1/1	46/18	379/45	121/20	14/6	
W8TM	110,134	426	106	SO-CW-LP	0/0	44/9	154/36	162/33	43/19	23/9	
WB8JUI	97,194	495	97	SO-CW-LP	35/6	70/8	150/24	108/25	66/19	66/15	
AF8A	53,400	352	75	SO-CW-LP	0/0	56/7	120/28	106/20	49/11	21/9	
W8DXU	3,120	101	16	SO-CW-QRP	0/0	0/0	39/7	62/9	0/0	0/0	
NS8O	3,024	59	24	SO-CW-HP	0/0	0/0	0/0	29/9	20/10	10/5	
KD8W	2,669	67	17	SO-CW-LP	0/0	0/0	6/3	50/8	10/5	1/1	
KC8J	2,106	64	18	SO-CW-LP	0/0	0/0	22/4	38/11	4/3	0/0	
KD8SAV	1,644	55	12	SO-CW-LP	0/0	0/0	55/12	0/0	0/0	0/0	
K8RJW	927	49	9	SO-CW-QRP	0/0	0/0	0/0	49/9	0/0	0/0	
W8PN	639	54	9	SO-CW-LP	0/0	0/0	0/0	18/2	24/4	12/3	
W8KNO	480	18	12	SO-CW-LP	2/1	6/2	1/1	5/4	3/3	1/1	
K8ZT	47,250	229	90	SOU-MIX-QRP	3/2	10/5	31/11	117/37	47/21	21/14	
W8BI	30,690	197	66	SOU-MIX-HP	0/0	6/4	119/27	61/24	10/10	1/1	KB8UEY
KF8MZ	3,570	62	30	SOU-MIX-HP	0/0	5/3	18/8	32/15	0/0	7/4	
N8BI	339,146	874	151	SOU-PH-HP	0/0	37/17	220/36	514/58	84/31	19/9	
WS6K	3,300	60	30	SOU-PH-LP	0/0	0/0	4/3	49/20	5/5	2/2	
K8PK	92,016	333	108	SOU-CW-HP	0/0	26/7	105/38	137/43	65/20	0/0	
AA8TA	13,062	148	42	SOU-CW-LP	0/0	2/1	44/12	79/19	17/7	6/3	

K8AZ	1,769,888	2,069	284	MSHP	55/16	189/48	523/68	887/78	345/50	70/24	AA80Y, K8AZ, K8BL, K8NZ, K8RR, KE3X, N8TR, W3YQ, W8CAR, W8TC, W8WTS, K8AJS, KG9Z
K8AJS	260,414	867	133	MSHP	26/6	64/11	242/44	423/45	84/18	28/9	
West Virginia											
N8II	149,688	443	132	SO-MIX-LP	0/0	0/0	129/35	162/43	91/32	61/22	
K3JT	443,784	1,078	164	SO-CW-HP	60/8	113/22	229/44	517/54	129/30	30/6	
WA8KAN	85,162	395	98	SO-CW-HP	23/5	33/8	63/16	159/35	65/20	52/14	
AK2U	10,496	134	32	SO-CW-LP	0/0	0/0	22/13	112/19	0/0	0/0	
WT8WV	32,984	182	76	SOU-PH-LP	0/0	12/8	50/27	109/33	8/5	3/3	
KD8UWF	306	18	9	SOU-PH-LP	0/0	0/0	15/6	3/3	0/0	0/0	
U.S. Call Area 9											
Illinois											
K9ZO	720,945	1,652	185	SO-MIX-HP	73/12	213/24	508/49	572/55	178/33	108/12	WT2P
KOØZ	18,183	125	57	SO-MIX-LP	0/0	0/0	26/12	54/23	25/14	20/8	
KC9UL	3,528	84	24	SO-MIX-LP	0/0	0/0	5/2	38/11	23/6	18/5	
W9NZ	35,855	212	71	SO-PH-HP	0/0	3/3	54/25	134/35	20/7	1/1	
WB9DAR	15,455	128	55	SO-PH-LP	0/0	4/3	50/25	69/22	4/4	1/1	
KD9GY	11,760	104	49	SO-PH-LP	0/0	0/0	8/6	68/26	23/13	5/4	
KC9WRB	10,305	99	45	SO-PH-LP	0/0	0/0	11/8	70/23	15/11	3/3	
KC9NUW	1,691	34	19	SO-PH-LP	0/0	0/0	8/6	26/13	0/0	0/0	
W9KVR	50	6	5	SO-PH-LP	0/0	6/5	0/0	0/0	0/0	0/0	
WD9CIR	86,526	395	99	SO-CW-LP	11/4	76/11	131/35	131/29	38/14	8/6	
WB9HFK	40,936	353	56	SO-CW-LP	0/0	0/0	105/17	178/24	40/7	30/8	
KYØQ	35,700	288	60	SO-CW-LP	0/0	18/3	89/18	125/25	24/7	32/7	
W9SE	29,913	244	59	SO-CW-LP	0/0	45/12	48/11	106/22	37/9	8/5	
K9CW	13,554	110	54	SO-CW-LP	0/0	0/0	17/7	34/19	31/16	28/12	
K9PMV	8,811	110	33	SO-CW-LP	0/0	0/0	38/10	66/19	1/1	5/3	
KG9N	6,696	102	27	SO-CW-HP	0/0	14/4	30/8	58/15	0/0	0/0	
K9GY	5,928	119	26	SO-CW-LP	0/0	0/0	0/0	37/6	39/9	43/11	
W9VQ	3,072	45	32	SO-CW-LP	0/0	8/4	14/11	14/9	3/3	6/5	
KB9O	1,005	29	15	SO-CW-LP	0/0	0/0	15/5	14/10	0/0	0/0	
NJ9Q	150	13	6	SO-CW-LP	0/0	0/0	0/0	0/0	13/6	0/0	
ND9G	403,550	893	175	SOU-MIX-HP	10/4	75/18	317/56	391/58	62/28	38/11	
N2BJ	233,820	745	135	SOU-MIX-HP	0/0	154/27	296/47	222/32	73/29	0/0	
K9PG	122,496	401	128	SOU-MIX-LP	15/5	46/16	129/39	149/39	37/22	25/7	
K9PY	20,032	128	64	SOU-MIX-HP	0/0	4/4	30/23	73/25	10/8	11/4	
NR9E	15,040	182	40	SOU-MIX-LP	0/0	0/0	33/11	139/25	10/4	0/0	
AC9S	224	17	8	SOU-MIX-HP	0/0	0/0	0/0	0/0	12/5	5/3	
NR9K	2,349	33	27	SOU-PH-LP	0/0	3/3	8/8	22/16	0/0	0/0	
KC9BG	2,124	52	18	SOU-PH-HP	0/0	0/0	10/5	42/13	0/0	0/0	
KC9WIB	230	23	5	SOU-PH-HP	0/0	0/0	0/0	23/5	0/0	0/0	
K9CT	1,541,375	1,948	275	SOU-CW-HP	36/14	184/50	490/70	841/73	261/46	136/22	
N9CO	370,944	925	144	SOU-CW-HP	0/0	96/24	318/55	511/65	0/0	0/0	
AB9YC	175,275	595	123	SOU-CW-LP	0/0	58/10	193/40	258/44	55/19	31/10	
N7US	117,216	360	111	SOU-CW-HP	0/0	34/19	195/44	118/41	9/6	4/1	
WA9LEY	36,380	244	68	SOU-CW-LP	0/0	0/0	61/23	92/23	67/14	24/8	
NA1LZ	35,295	227	65	SOU-CW-HP	0/0	0/0	15/13	158/36	45/12	9/4	NX9G
W3HDH	7,956	75	39	SOU-CW-HP	0/0	7/6	37/17	31/16	0/0	0/0	
KC9EE	4,669	100	23	SOU-CW-HP	0/0	0/0	0/0	70/9	22/11	8/3	
NV9L	1,030,688	1,599	248	MSHP	58/22	128/36	224/51	735/72	293/44	161/23	NV9L, WB9Z
Indiana											
W9PA	534,280	1,192	185	SO-MIX-LP	74/11	149/21	298/44	446/57	134/33	91/19	N9NB
WB9ONU	10,455	103	51	SO-PH-HP	0/0	8/7	22/13	70/28	3/3	0/0	
AC9QM	3,480	65	30	SO-PH-LP	0/0	2/2	10/5	42/14	10/8	1/1	
KC9WOM	1,410	48	15	SO-PH-LP	0/0	2/2	5/3	31/5	9/4	1/1	
W9CTH	650	33	10	SO-PH-LP	0/0	0/0	0/0	33/10	0/0	0/0	
KE9YK	403	15	13	SO-PH-LP	0/0	0/0	8/8	7/5	0/0	0/0	
KD9KNJ	8	4	2	SO-PH-LP	0/0	0/0	0/0	0/0	0/0	4/2	
W9RE	1,429,924	2,083	236	SO-CW-HP	47/17	208/43	386/56	1,018/63	306/38	118/19	
N9KR	155,364	599	107	SO-CW-HP	0/0	72/20	188/39	270/33	61/11	8/4	
WD8DSB	31,265	214	65	SO-CW-LP	20/5	54/17	97/22	17/7	12/6	14/8	
KØTQ	3,969	51	27	SO-CW-HP	0/0	8/4	38/18	5/5	0/0	0/0	
W9HT	25,272	162	78	SOU-MIX-HP	3/2	21/9	29/22	52/28	29/9	28/8	
KC9WAV	3,726	46	18	SOU-PH-HP	0/0	0/0	0/0	41/14	4/3	1/1	
K9NW	1,155,729	1,690	257	SOU-CW-HP	57/11	233/45	413/61	524/68	289/47	174/25	

WT9U	295,290	898	153	SOU-CW-HP	0/0	155/29	162/45	275/37	227/27	79/15	
KT9L	49	7	7	SOU-CW-HP	0/0	0/0	0/0	7/7	0/0	0/0	
K9GX	108,819	404	107	MSHP	0/0	17/5	152/43	219/48	0/0	16/11	K4FN, K9GX
Wisconsin											
ND9Z	48,246	219	86	SO-MIX-HP	0/0	3/3	52/24	121/34	34/21	9/4	
N9EAX	6,360	72	40	SO-PH-LP	0/0	0/0	31/19	38/18	1/1	2/2	
KV9M	5,456	89	31	SO-PH-HP	0/0	0/0	10/7	68/18	9/4	2/2	
N9WLF	252	16	9	SO-PH-LP	0/0	0/0	2/2	14/7	0/0	0/0	
N8HWV	78	10	3	SO-CW-LP	0/0	0/0	0/0	10/3	0/0	0/0	
N9WK	2,970	38	33	SOU-MIX-HP	0/0	0/0	11/8	14/14	6/6	7/5	
KQ9A	369	19	9	SOU-MIX-LP	0/0	0/0	4/3	14/5	1/1	0/0	
K9OM	428,672	859	197	SOU-CW-LP	26/6	89/29	154/49	360/60	177/40	53/13	
NS9I	94,576	418	92	SOU-CW-HP	0/0	52/13	61/18	254/41	32/13	19/7	
K9MA	49,302	262	66	SOU-CW-HP	0/0	0/0	134/33	128/33	0/0	0/0	
WT9Q	34,980	274	60	SOU-CW-LP	5/3	17/4	92/26	160/27	0/0	0/0	
N9UA	33,696	234	72	SOU-CW-LP	0/0	31/10	24/10	80/22	41/17	58/13	
WO9B	7,936	126	31	SOU-CW-LP	0/0	0/0	0/0	76/18	40/8	10/5	
Call	Score	QSOs	Mults	Category	160	80	40	20	15	10	Operator(s) and/or Host
Zone 9											
Canada											
Maritime											
VE1SQ	24,072	129	59	SO-PH-LP	0/0	0/0	51/27	78/32	0/0	0/0	
VE9RLW	3,480	44	30	SO-PH-LP	0/0	3/3	16/10	11/8	10/8	4/1	
VY2AAA	224	12	8	SO-PH-LP	0/0	0/0	8/6	0/0	4/2	0/0	
VE9AA	1,338,960	1,867	210	SO-CW-HP	69/18	306/41	384/50	451/42	401/40	256/19	
VA1MM	334,866	773	134	SO-CW-HP	3/3	22/13	207/36	319/41	122/29	100/12	
VE9OA	41,607	226	67	SOU-MIX-HP	0/0	0/0	28/23	107/29	91/15	0/0	
VE9MO	1,207	27	17	SOU-MIX-LP	0/0	0/0	22/15	5/2	0/0	0/0	
VE9CB	432	18	9	SOU-MIX-HP	0/0	0/0	0/0	0/0	0/0	18/9	
KØBBC/VY2	762,908	1,247	178	SOU-PH-HP	6/6	60/29	321/52	630/56	222/27	8/8	
VE9WRS	4,396	59	28	SOU-PH-LP	0/0	0/0	10/8	31/13	16/6	2/1	
VE1RSM	157,000	400	125	SOU-CW-LP	0/0	31/21	90/39	183/43	63/17	33/5	
VE1OP	20,468	166	43	SOU-CW-HP	0/0	0/0	0/0	88/21	69/18	9/4	
VE9ML	589,680	863	189	MSHP	5/3	166/46	302/51	300/51	70/33	20/5	VE9BK, VE9ML
Newfoundland/Labrador											
VO1CRP	1,190	24	17	SO-PH-LP	0/0	0/0	1/1	23/16	0/0	0/0	
Quebec											
VE2FK	257,075	704	113	SOU-CW-HP	1/1	26/11	114/37	403/47	160/17	0/0	
Call	Score	QSOs	Mults	Category	160	80	40	20	15	10	Operator(s) and/or Host
Zone 10											
Mexico											
6E2TAM	44,485	450	35	SO-MIX-LP	0/0	19/5	134/15	294/14	3/1	0/0	XE1AY
XE2AU	7,575	106	25	SO-MIX-LP	0/0	0/0	21/10	85/15	0/0	0/0	
XE2S	41,444	255	52	SO-CW-LP	11/4	34/8	159/22	51/18	0/0	0/0	
XE1CT	21,736	189	38	SO-CW-LP	0/0	0/0	0/0	189/38	0/0	0/0	
Call	Score	QSOs	Mults	Category	160	80	40	20	15	10	Operator(s) and/or Host
Zone 11											
Aruba											
P44W	3,063,725	2,345	287	SOU-CW-HP	31/22	280/54	687/73	891/73	424/52	32/13	W2GD
Barbados											
8P5A	1,018,236	1,853	159	SO-CW-LP	0/0	238/34	579/40	725/45	258/32	53/8	W2SC
Bonaire											
PJ4DX	658,392	901	168	SOU-PH-HP	4/4	42/27	148/44	582/52	120/36	5/5	
PJ4/W9SN	499,104	783	144	SOU-CW-LP	2/2	37/26	178/42	411/45	154/28	1/1	
Costa Rica											
TI7W	2,307,825	2,955	225	SOU-MIX-HP	9/4	156/38	1,274/81	1,297/66	210/33	9/3	N3KS

YV5EMG	59,175	222	75	SO-MIX-LP	0/0	4/4	81/31	137/40	0/0	0/0	
YV4EK	25,172	132	62	SO-MIX-LP	0/0	8/7	43/21	76/32	5/2	0/0	
YW6CQ	25,025	131	65	SO-MIX-HP	0/0	0/0	66/28	44/21	21/16	0/0	YV6BXN
YW1K	1,042,448	1,300	176	SO-PH-HP	3/3	37/27	244/53	891/56	124/36	1/1	YV1KK
YV4NR	80,264	258	79	SO-PH-LP	0/0	0/0	19/16	198/44	41/19	0/0	
YV7MAY	44,500	157	89	SO-PH-LP	0/0	0/0	59/37	85/39	13/13	0/0	
YY5AEP	5,191	56	29	SO-PH-LP	0/0	0/0	56/29	0/0	0/0	0/0	
4M6R	2,408	43	14	SO-PH-HP	0/0	0/0	0/0	0/0	0/0	43/14	
YY2JMO	90	15	10	SO-PH-LP	0/0	0/0	11/8	0/0	4/2	0/0	
YV5JGO	13,356	85	42	SO-CW-LP	0/0	0/0	67/27	0/0	18/15	0/0	
YV5COR	8,514	68	33	SO-CW-LP	0/0	0/0	25/14	42/18	0/0	1/1	
YV4AW	20,088	111	62	SOU-PH-LP	0/0	2/2	29/24	66/28	14/8	0/0	
Call	Score	QSOs	Mults	Category	160	80	40	20	15	10	Operator(s) and/or Host
Zone 13											
Brazil											
PT7WM	15,392	132	32	SO-MIX-LP	0/0	8/7	118/19	6/6	0/0	0/0	
PR7CJ	882	21	14	SO-MIX-LP	0/0	0/0	0/0	18/11	3/3	0/0	
PY9GC	43,505	162	77	SO-PH-HP	0/0	1/1	55/31	27/20	79/25	0/0	
PY7WM	72	6	3	SO-PH-LP	0/0	0/0	0/0	6/3	0/0	0/0	
PR7AX	8,736	82	24	SO-CW-LP	0/0	0/0	60/15	21/8	1/1	0/0	
PP7LP	8,330	67	34	SO-CW-LP	0/0	0/0	7/3	42/18	18/13	0/0	
PR7GA	2,070	34	23	SOU-MIX-LP	0/0	5/5	14/9	15/9	0/0	0/0	
PY8WW	384	15	12	SOU-MIX-LP	0/0	9/6	1/1	5/5	0/0	0/0	
ZX4ØZT	71,631	273	63	SOU-PH-LP	0/0	5/5	8/5	84/20	176/33	0/0	PT7ZT
PR8KW	6,678	59	42	SOU-PH-LP	0/0	0/0	40/26	0/0	19/16	0/0	
PT7KM	1,782	31	22	SOU-PH-LP	0/0	0/0	14/12	16/9	1/1	0/0	
PR7AB	59,682	316	42	SOU-CW-HP	0/0	0/0	19/7	277/27	20/8	0/0	
PT2AW	32,824	169	44	SOU-CW-HP	0/0	0/0	8/5	86/20	75/19	0/0	
PY6TS	6,858	73	27	SOU-CW-HP	0/0	0/0	62/23	11/4	0/0	0/0	
Call	Score	QSOs	Mults	Category	160	80	40	20	15	10	Operator(s) and/or Host
Zone 14											
Argentina											
LW1EUD	12,600	104	30	SO-MIX-LP	0/0	0/0	8/7	90/19	6/4	0/0	
AY7D	1,071	25	17	SO-MIX-LP	0/0	0/0	0/0	24/16	1/1	0/0	
LU7DW	754	28	13	SO-MIX-HP	0/0	0/0	28/13	0/0	0/0	0/0	
LW4EF	10,458	89	42	SO-PH-LP	0/0	3/1	16/8	46/19	24/14	0/0	
LU5AB	5,883	66	37	SO-PH-HP	0/0	0/0	6/6	49/22	11/9	0/0	
LT7F	4,756	50	29	SO-PH-LP	0/0	0/0	1/1	49/28	0/0	0/0	LU6FOV
LU2DVI	1,176	25	14	SO-PH-HP	0/0	25/14	0/0	0/0	0/0	0/0	
LU8DY	52	5	4	SO-PH-HP	0/0	0/0	0/0	5/4	0/0	0/0	
LU6DU	9	3	3	SO-PH-HP	0/0	3/3	0/0	0/0	0/0	0/0	
LU8QT	80,688	245	82	SO-CW-LP	0/0	17/12	45/24	83/20	100/26	0/0	
LU6UO	30,240	180	40	SO-CW-HP	0/0	0/0	0/0	5/5	175/35	0/0	
LU6DOT	10,878	89	37	SO-CW-LP	0/0	0/0	18/11	71/26	0/0	0/0	
LU8EHR	2,070	34	23	SO-CW-LP	0/0	0/0	6/4	18/10	10/9	0/0	
LU8DZJ	1,955	34	17	SO-CW-HP	0/0	0/0	0/0	34/17	0/0	0/0	
LU9CYV	168	8	6	SO-CW-LP	0/0	0/0	6/4	2/2	0/0	0/0	
L77D	5,549	66	31	SOU-MIX-LP	0/0	0/0	8/4	58/27	0/0	0/0	LU6DC
LU2DX	1,105	23	17	SOU-MIX-HP	0/0	19/13	0/0	0/0	4/4	0/0	
LU5FF	169,912	559	67	SOU-CW-HP	0/0	0/0	5/5	554/62	0/0	0/0	
LW8DQ	36,850	169	55	SOU-CW-HP	0/0	0/0	51/17	56/19	62/19	0/0	
LU4HK	4,020	56	15	SOU-CW-LP	0/0	0/0	1/1	14/5	41/9	0/0	
LU8DPM	531,060	793	159	MSHP	52/25	175/33	325/54	202/32	39/15	0/0	LU5DF, LU8DPM
LS2D	289,784	520	148	MSHP	0/0	106/33	115/43	103/32	196/40	0/0	LU1ECO, LU2DD, LU9DAG, LW2DOD,
LT5V	5,800	64	29	MSHP	0/0	26/12	28/14	10/3	0/0	0/0	LU1VYL, LU8VCC
Chile											
CE3CT	651,920	1,018	145	SO-MIX-HP	5/3	34/15	376/44	358/45	245/38	0/0	
CE2LR	547,536	913	136	SO-MIX-HP	0/0	76/23	357/54	343/37	137/22	0/0	
CE3BD	6,231	68	31	SO-PH-LP	0/0	0/0	0/0	68/31	0/0	0/0	
CE3BC	2,937	34	33	SO-PH-LP	0/0	0/0	0/0	24/23	10/10	0/0	
CA4PSH	896	22	16	SO-PH-LP	0/0	0/0	22/16	0/0	0/0	0/0	
CA6CGX	348	13	12	SO-PH-LP	0/0	0/0	0/0	0/0	0/0	13/12	
CE6UFF	301	21	7	SO-PH-LP	0/0	0/0	0/0	21/7	0/0	0/0	
CE1BF	24	4	4	SO-PH-LP	0/0	0/0	0/0	0/0	4/4	0/0	

3G3O	3,072	49	32	SOU-MIX-QRP	0/0	9/3	14/7	15/12	11/10	0/0	XQ3OP
CE3CBM	1,062	29	18	SOU-MIX-LP	0/0	0/0	0/0	0/0	29/18	0/0	
CB3ET	1,980	45	20	MSHP	0/0	1/1	12/5	28/11	4/3	0/0	CA3AWA, CA3KRM, CA3SJM, CA3SLP, CD3FOT, CE3ARU, CE3CMH, CE3GCA
Paraguay											
ZP5DVD	7,840	68	40	SO-PH-HP	0/0	2/1	18/14	43/20	5/5	0/0	
Uruguay											
CV7S	17,688	139	33	SO-PH-HP	0/0	0/0	3/2	0/0	136/31	0/0	
CX1CAN	0	1	1	SO-PH-LP	0/0	0/0	1/1	0/0	0/0	0/0	
CX9AU	82,820	256	82	SO-CW-HP	0/0	51/20	57/27	132/24	14/9	2/2	
CX3AL	5,967	50	39	SO-CW-HP	0/0	0/0	14/10	36/29	0/0	0/0	
CX5UA	880	21	11	SOU-MIX-LP	0/0	0/0	21/11	0/0	0/0	0/0	
CW2R	2,414	45	17	MSHP	0/0	3/2	5/3	35/10	2/2	0/0	CX1RL, CX2AAA, CX2RA, CX6DF, CX9ARH, CX9RC
Call	Score	QSOs	Mults	Category	160	80	40	20	15	10	Operator(s) and/or Host
Zone 15											
Brazil											
PY2NY	239,580	479	121	SO-MIX-LP	0/0	13/10	108/36	186/38	170/35	2/2	
PY1AX	3,408	46	24	SO-MIX-LP	0/0	0/0	1/1	45/23	0/0	0/0	
PY2MIA	2,808	50	24	SO-MIX-LP	1/1	0/0	13/5	26/9	9/8	1/1	
PU2UJG	132	11	6	SO-MIX-LP	0/0	0/0	0/0	0/0	11/6	0/0	
PU2NZO	68	15	4	SO-MIX-QRP	3/1	8/2	0/0	0/0	0/0	4/1	
PU2USK	18	11	3	SO-MIX-QRP	4/1	4/1	0/0	0/0	0/0	3/1	
ZW5B	442,338	676	159	SO-PH-HP	3/3	74/29	163/37	228/47	201/37	7/6	
PY2UD	36,078	197	42	SO-PH-LP	0/0	0/0	9/6	0/0	188/36	0/0	
ZV2C	8,890	80	35	SO-PH-LP	0/0	0/0	0/0	0/0	78/34	2/1	PY2CX
PY4DK	4,312	48	44	SO-PH-LP	0/0	2/1	17/14	12/12	17/17	0/0	
PY4CR	3,298	45	34	SO-PH-LP	0/0	0/0	17/13	22/15	6/6	0/0	
PY5DD	2,184	34	26	SO-PH-LP	0/0	0/0	0/0	26/18	8/8	0/0	
PP5RT	1,826	34	22	SO-PH-HP	0/0	0/0	34/22	0/0	0/0	0/0	
PY2RMY	1,794	34	23	SO-PH-LP	0/0	1/1	14/8	15/10	4/4	0/0	
PY2GZ	1,734	32	17	SO-PH-HP	0/0	0/0	0/0	31/16	1/1	0/0	
PY1LV	990	28	18	SO-PH-LP	0/0	3/1	4/2	14/8	6/6	1/1	
PY2BN	525	16	15	SO-PH-QRP	0/0	0/0	2/2	13/12	1/1	0/0	
PY1NS	403	15	13	SO-PH-LP	0/0	1/1	0/0	6/5	8/7	0/0	
PY1FOG	100	14	10	SO-PH-LP	0/0	3/1	3/2	5/4	2/2	1/1	
PY2EBD	85	8	5	SO-PH-LP	0/0	0/0	1/1	2/1	5/3	0/0	
PU2LFU	36	12	3	SO-PH-LP	3/1	6/1	0/0	0/0	0/0	3/1	
PU2PZE	12	9	3	SO-PH-LP	3/1	3/1	0/0	0/0	0/0	3/1	
PP5KR	111,072	514	48	SO-CW-HP	0/0	0/0	514/48	0/0	0/0	0/0	
PY5DK	34,944	202	39	SO-CW-HP	0/0	0/0	0/0	201/38	1/1	0/0	
PY4ARS	9,916	78	37	SO-CW-LP	0/0	0/0	11/9	67/28	0/0	0/0	
PY2FSR	2,310	31	21	SO-CW-LP	0/0	0/0	0/0	14/11	17/10	0/0	
PY1VOY	1,890	33	14	SO-CW-HP	0/0	0/0	0/0	33/14	0/0	0/0	
PU4GOD	1,200	29	20	SO-CW-LP	0/0	5/4	9/6	0/0	15/10	0/0	
PY1FOX	539	15	11	SO-CW-LP	0/0	0/0	0/0	10/8	5/3	0/0	
PY2OP	504	15	12	SO-CW-HP	0/0	15/12	0/0	0/0	0/0	0/0	
PY1SAD	364	25	13	SO-CW-LP	2/2	2/1	14/5	7/5	0/0	0/0	
PY2UDB	232	14	8	SO-CW-LP	0/0	0/0	0/0	7/5	7/3	0/0	
PU2WDX	128	9	8	SO-CW-LP	0/0	0/0	0/0	0/0	9/8	0/0	
PU7ASP	32	8	8	SO-CW-LP	0/0	0/0	1/1	0/0	7/7	0/0	
PY1XR	6	7	6	SO-CW-LP	0/0	0/0	0/0	7/6	0/0	0/0	
PT5J	1,138,205	1,160	233	SOU-PH-HP	12/9	92/40	324/60	427/64	290/47	15/13	PP5JR
PP1WW	43,428	181	66	SOU-PH-HP	0/0	0/0	72/26	59/23	50/17	0/0	
PY2CP	7,182	72	38	SOU-PH-LP	0/0	0/0	21/13	0/0	50/24	1/1	
PY1KB	3,744	46	32	SOU-PH-LP	0/0	0/0	4/4	28/16	14/12	0/0	
PY3KN	624	16	13	SOU-PH-LP	0/0	0/0	0/0	16/13	0/0	0/0	
PP5DZ	319	11	11	SOU-PH-LP	0/0	0/0	0/0	11/11	0/0	0/0	
PY4HO	66,368	247	61	SOU-CW-HP	1/1	24/11	8/4	123/17	91/28	0/0	
ZX2V	46,648	184	68	SOU-CW-HP	0/0	5/3	19/10	119/37	41/18	0/0	PY2XV
PY2KJ	4,040	48	20	SOU-CW-HP	1/1	17/10	30/9	0/0	0/0	0/0	
PY2FRQ	2,680	40	20	SOU-CW-LP	0/0	8/5	0/0	32/15	0/0	0/0	
PY1NX	1,548	28	18	SOU-CW-QRP	0/0	0/0	0/0	21/12	7/6	0/0	
PX2A	1,418,820	1,468	221	MSHP	16/9	217/49	250/54	697/59	254/36	34/14	PY2BK, PY2LSM, PY2PT, PY2SHF

PR4T	881,089	1,152	173	MSHP	7/7	198/45	227/44	585/49	128/25	7/3	PU1LLF, PU2KUL, PY1CG, PY1DX, PY1FI, PY1ZV, PY4BK, PY4BZ
PP5BZ	742,544	988	176	MSHP	4/2	63/27	373/57	388/49	145/35	15/6	PP5BZ, PP5CFS, PP5FB, PP5JD
ZV5O	566,020	986	130	MSHP	0/0	100/25	449/45	298/38	137/20	2/2	PY5AB, PY5AKW, PY5AMF, PY5QW, PY5SAT, PY5XH
PT4A	495,356	789	148	MSHP	7/5	36/19	205/44	342/45	197/34	2/1	PY4AZ, PY4VG
PR2D	213,882	423	129	MSHP	0/0	52/26	45/27	132/44	194/32	0/0	PY2ABN, PY2DMZ, PY2JCM, PY2LCD, PY2MP, PY2XC
PX5T	110,428	349	76	MSHP	0/0	0/0	137/37	46/19	166/20	0/0	PY5DC, PY5DJ, PY5FO, PY5IN, PY5WW
PR2E	47,175	185	75	MSHP	2/1	4/3	5/3	96/41	78/27	0/0	PU2UAF, PU2UTY, PY2GTA, PY2XIZ
PY2RH	9,196	75	38	MSHP	0/0	0/0	0/0	33/20	42/18	0/0	PY2RH, PY2ZR
Call	Score	QSOs	Mults	Category	160	80	40	20	15	10	Operator(s) and/or Host
Zone 16											
Argentina											
LU5VV	63,168	206	84	SO-MIX-HP	0/0	3/3	49/33	14/13	140/35	0/0	
LV4V	4,620	49	33	SO-PH-QRP	0/0	0/0	0/0	31/20	16/11	2/2	
LU1AW/X	9,196	63	38	SO-CW-LP	0/0	0/0	36/17	27/21	0/0	0/0	
LU4XAP	315	17	7	SO-CW-LP	0/0	0/0	0/0	17/7	0/0	0/0	
Chile											
CE7VPQ	7,458	66	33	SO-PH-LP	0/0	0/0	0/0	66/33	0/0	0/0	
CB6F	5,772	54	39	SO-PH-HP	2/2	12/11	28/16	12/10	0/0	0/0	XQ6OA
CE7KF	4,110	47	30	SOU-PH-LP	0/0	0/0	2/2	30/18	15/10	0/0	
Call	Score	QSOs	Mults	Category	160	80	40	20	15	10	Operator(s) and/or Host
Zone 17											
Iceland											
TF8KY	7,560	81	40	SO-MIX-LP	0/0	3/3	8/7	70/30	0/0	0/0	
TF2MSN	27,432	139	72	SO-PH-LP	0/0	3/3	36/29	99/39	1/1	0/0	
TF2AO	84	8	6	SO-PH-LP	0/0	0/0	8/6	0/0	0/0	0/0	
TF/DL6MHW	351,785	1,028	115	SO-CW-LP	0/0	108/21	362/33	527/46	30/14	1/1	
TF3VS	64,896	251	78	SO-CW-LP	0/0	0/0	39/23	172/41	34/12	6/2	
Call	Score	QSOs	Mults	Category	160	80	40	20	15	10	Operator(s) and/or Host
Zone 18											
Aland Islands											
OHØC	2,279,760	2,597	276	MSHP	127/30	249/45	531/60	1,084/70	436/46	170/25	E21EIC, EA3ICJ, OH2BH, OH2TA
Denmark											
OZ6AGX	26,792	167	68	SO-MIX-LP	0/0	0/0	59/24	84/36	22/6	2/2	
OZ4NA	54,672	225	102	SO-PH-LP	0/0	17/16	38/21	117/34	29/17	24/14	
OZ1D	43,992	207	94	SO-PH-HP	13/12	27/21	86/25	43/18	24/11	14/7	OZ1HHH
OZ1DYI	19,875	136	53	SO-PH-LP	0/0	0/0	11/11	112/32	6/5	7/5	
OZ1AAR	98,425	292	127	SO-CW-LP	23/18	39/19	39/21	132/37	39/19	20/13	
OZ4FF	67,496	260	104	SO-CW-LP	0/0	37/15	58/28	105/29	51/26	9/6	
OZ5UR	48,048	232	78	SO-CW-LP	0/0	0/0	69/21	126/33	27/14	10/10	
OZ7EA	13,338	112	54	SO-CW-HP	0/0	5/5	16/15	69/22	19/9	3/3	
OZ7BQ	2,176	50	17	SO-CW-LP	0/0	0/0	0/0	0/0	0/0	50/17	
OZ1IKY	82,555	509	55	SOU-MIX-HP	0/0	509/55	0/0	0/0	0/0	0/0	
OZ4O	14,504	99	56	SOU-MIX-LP	1/1	2/2	26/18	49/21	3/3	18/11	
OZ1KVM	138,105	391	135	SOU-PH-LP	4/4	29/20	84/28	175/45	70/24	29/14	
OZ7AM	324,917	983	101	SOU-CW-HP	0/0	5/5	335/29	357/37	204/16	82/14	
OZ3SM	213,643	570	139	SOU-CW-HP	75/24	77/17	95/27	264/43	53/24	6/4	
OZ4SOP	36,876	187	84	SOU-CW-LP	21/15	24/13	36/21	79/20	22/10	5/5	OZ4CG
Faroe Islands											
OY1CT	124,014	655	66	SOU-CW-HP	0/0	0/0	0/0	505/32	132/25	18/9	
Finland											
OH2JIU	3,993	61	33	SO-MIX-LP	0/0	5/3	22/14	31/13	3/3	0/0	
OH3XZ	0	0	0	SO-MIX-HP	0/0	0/0	0/0	0/0	0/0	0/0	
OH6ECM	242,268	563	156	SO-PH-LP	17/16	26/19	48/27	388/52	64/28	20/14	
OH1TD	102,612	374	102	SO-PH-HP	0/0	3/3	56/23	235/44	51/18	29/14	
OH3KX	4,960	66	32	SO-PH-HP	0/0	0/0	6/5	54/21	6/6	0/0	
OH8CW	117,624	360	116	SO-CW-LP	4/4	59/23	47/26	211/47	36/14	3/2	

OH8MBN	68,962	287	82	SO-CW-LP	0/0	32/16	41/23	188/33	26/10	0/0	
OH2BN	67,914	344	63	SO-CW-HP	0/0	0/0	0/0	344/63	0/0	0/0	
OH2KW	66,636	390	54	SO-CW-HP	0/0	0/0	8/5	323/35	56/12	3/2	
OH2BAH	61,446	386	49	SO-CW-HP	0/0	0/0	0/0	386/49	0/0	0/0	
OH1TS	23,177	180	49	SO-CW-LP	0/0	0/0	24/11	127/29	29/9	0/0	
OH2VZ	17,928	175	36	SO-CW-HP	0/0	0/0	0/0	175/36	0/0	0/0	
OH6BA	15,796	132	44	SO-CW-HP	0/0	0/0	54/23	78/21	0/0	0/0	
OH2ID	12,720	118	40	SO-CW-LP	0/0	0/0	21/10	82/20	15/10	0/0	
OH1NOA	10,912	124	31	SO-CW-LP	0/0	0/0	5/5	118/25	1/1	0/0	
OG2N	24	4	3	SO-CW-HP	0/0	0/0	0/0	4/3	0/0	0/0	OH2BN
OG6N	1,865,028	2,143	284	SOU-MIX-HP	50/28	115/39	663/68	1,039/84	254/45	22/20	OH6NIO
OG6LI	1,335,480	1,724	248	SOU-MIX-HP	72/30	173/30	353/56	675/63	385/54	66/15	
OG55W	384,489	924	153	SOU-MIX-HP	9/7	27/20	111/30	593/60	172/30	12/6	
OH6OS	32,287	155	83	SOU-MIX-HP	0/0	0/0	23/20	86/34	36/21	10/8	
OH2KI	6,771	56	37	SOU-MIX-HP	0/0	5/3	0/0	41/24	6/6	4/4	
OH6RE	100,011	669	51	SOU-PH-HP	0/0	0/0	0/0	616/37	53/14	0/0	
OH6VDA	15,680	115	64	SOU-PH-HP	0/0	14/11	45/27	52/22	4/4	0/0	
OH3UAI	12,606	95	66	SOU-PH-LP	2/2	17/15	24/16	40/21	8/8	4/4	
OH6K	1,056	30	16	SOU-PH-HP	0/0	0/0	0/0	0/0	30/16	0/0	OH6MSZ
OH2BAV	390	17	15	SOU-PH-LP	0/0	1/1	3/3	13/11	0/0	0/0	
OG7F	849,568	1,447	191	SOU-CW-HP	45/19	231/40	196/41	610/53	360/34	5/4	
OH2BV	171,360	355	170	SOU-CW-HP	0/0	31/31	32/29	206/59	56/32	30/19	
OH2LNH	12,210	136	33	SOU-CW-LP	0/0	0/0	13/10	123/23	0/0	0/0	
Norway											
LA7AK	300,300	849	132	SO-MIX-HP	41/20	163/27	170/34	380/29	91/18	4/4	
LA3RNA	36,295	180	85	SO-PH-LP	0/0	22/20	44/25	90/29	24/11	0/0	
LC5C	29,988	187	63	SO-PH-HP	0/0	0/0	51/24	132/35	4/4	0/0	LA6KOA
LA7TN	10,317	92	57	SO-PH-LP	0/0	15/12	26/20	44/18	5/5	2/2	
LA8RTA	2,415	47	23	SO-PH-LP	0/0	0/0	4/4	38/14	5/5	0/0	
LB6GG	400,224	1,032	132	SO-CW-LP	103/15	183/26	226/40	481/38	37/11	2/2	
LB4UH	132,210	610	78	SO-CW-LP	5/5	115/13	143/21	331/32	16/7	0/0	
LA8HGA	114,920	599	65	SO-CW-HP	0/0	116/13	118/15	232/22	104/10	29/5	
LA2XNA	59,329	287	79	SO-CW-LP	0/0	39/17	97/27	129/26	22/9	0/0	
LA7SI	54,760	259	74	SO-CW-LP	0/0	0/0	89/31	140/29	30/14	0/0	
LA6PB	240	14	8	SO-CW-LP	0/0	0/0	0/0	14/8	0/0	0/0	
LB4FH	43,165	182	89	SOU-PH-HP	0/0	10/9	19/17	97/37	42/17	14/9	
LA8OM	699,903	1,329	171	SOU-CW-HP	0/0	228/39	358/46	598/55	122/21	23/10	
LA7GIA	30,228	229	44	SOU-CW-HP	0/0	12/4	53/12	160/26	2/1	2/1	
LA8CJ	15,792	119	42	SOU-CW-HP	0/0	0/0	0/0	119/42	0/0	0/0	
LN4BBC	129,516	415	129	MSHP	17/13	60/24	91/28	165/33	67/22	15/9	LA5FBA, LA6ZFA
Sweden											
SE6K	60,630	299	94	SO-MIX-LP	10/8	46/19	95/29	116/24	19/7	13/7	SM6FZO
SM5DXR	18,704	142	56	SO-MIX-LP	11/9	22/8	9/7	90/25	8/5	2/2	
SM6OEF	5,005	58	35	SO-MIX-LP	0/0	0/0	0/0	35/20	14/8	9/7	
SM7VWWM	1,000	26	25	SO-MIX-LP	0/0	0/0	9/9	12/11	3/3	2/2	
SM6BZV	0	0	0	SO-MIX-LP	0/0	0/0	0/0	0/0	0/0	0/0	
SM5R	541,863	1,024	183	SO-PH-HP	35/20	92/25	75/29	547/66	215/23	60/20	
SK2T	157,718	514	107	SO-PH-HP	0/0	0/0	87/25	364/53	50/22	13/7	SM2MTR
SM3KJA	16,872	129	57	SO-PH-LP	0/0	0/0	28/19	92/29	3/3	6/6	
SMØHBV	3,298	48	34	SO-PH-LP	0/0	0/0	13/8	25/16	10/10	0/0	
SA5HUB	3,270	52	30	SO-PH-HP	0/0	5/4	10/9	36/16	1/1	0/0	
SK4ØUM	486	20	18	SO-PH-LP	0/0	0/0	20/18	0/0	0/0	0/0	SM5YRA
SA6TOM	448	18	14	SO-PH-LP	0/0	18/14	0/0	0/0	0/0	0/0	
SM6FPC	199,485	562	117	SO-CW-LP	0/0	160/32	161/33	208/42	33/10	0/0	
SM7CIL	138,285	406	105	SO-CW-LP	0/0	0/0	69/29	292/54	36/17	9/5	
SMØS	126,150	492	87	SO-CW-HP	0/0	51/5	253/38	150/29	38/15	0/0	
SM5MX	118,659	392	111	SO-CW-LP	3/3	50/21	118/29	152/33	50/13	19/12	
SD1A	118,356	502	84	SO-CW-HP	0/0	98/15	205/26	43/20	136/15	20/8	SM1TDE
SF1Z	85,746	325	93	SO-CW-LP	19/10	42/13	52/20	159/33	52/16	1/1	SMØHEV
SD6M	70,308	450	54	SO-CW-HP	0/0	0/0	152/22	233/22	64/9	1/1	SA6BGR
SMØFPR	55,527	227	83	SO-CW-HP	0/0	35/18	75/18	103/39	14/8	0/0	
SAØBXV	49,096	262	68	SO-CW-HP	8/8	0/0	61/23	158/25	30/9	5/3	
SM5CSS	38,982	204	73	SO-CW-LP	13/12	40/12	38/11	69/22	29/10	15/6	
SM6GBM	36,530	196	65	SO-CW-LP	0/0	0/0	22/14	155/37	16/11	3/3	
SF6W	32,500	130	130	SO-CW-LP	0/0	31/31	28/28	41/41	17/17	13/13	SM6EWB
SM2CEW	22,610	216	35	SO-CW-HP	0/0	1/1	1/1	1/1	213/32	0/0	
SM7RYR	13,735	129	41	SO-CW-LP	0/0	0/0	0/0	78/20	42/15	9/6	

SM6NT	13,299	148	33	SO-CW-LP	0/0	0/0	54/9	62/15	25/7	7/2	
SE7Q	12,593	95	49	SO-CW-LP	0/0	26/16	0/0	59/25	10/8	0/0	
SM6VWG	10,350	159	23	SO-CW-LP	0/0	0/0	0/0	159/23	0/0	0/0	
SM5LW	8,970	86	39	SO-CW-LP	0/0	0/0	24/12	55/22	7/5	0/0	
SM6TOL	6,464	138	16	SO-CW-LP	0/0	0/0	0/0	138/16	0/0	0/0	
SM4TU	2,380	37	28	SO-CW-LP	0/0	8/8	3/2	11/9	12/8	3/1	
SE4E	549,822	1,087	182	SOU-MIX-LP	27/17	238/39	249/43	460/50	98/21	15/12	SM4DQE
SK5ØHD	187,680	502	136	SOU-MIX-LP	18/17	62/22	93/31	284/43	31/15	14/8	SA6AQP
SM5ALJ	59,616	279	92	SOU-MIX-LP	0/0	19/13	97/29	129/31	22/12	12/7	
SMØNJO	5,439	51	37	SOU-MIX-HP	11/9	7/6	19/14	5/5	2/2	7/1	
SI3A	182,376	451	149	SOU-PH-HP	25/16	43/28	76/36	273/49	34/20	0/0	SM3LIV
SM6MVE	79,666	263	122	SOU-PH-HP	10/10	29/22	61/35	138/41	25/14	0/0	
SE5W	51,708	240	93	SOU-PH-LP	0/0	30/23	22/18	134/29	54/23	0/0	SM5NQB
SE5N	44,928	186	104	SOU-PH-HP	0/0	20/19	25/18	93/35	24/16	24/16	SM5ISM
SE3X	40,120	200	85	SOU-PH-HP	0/0	6/6	35/24	121/30	26/15	12/10	SA3BYC
SD4C	6,630	64	51	SOU-PH-HP	0/0	3/3	4/4	34/27	22/16	1/1	SMØSHG
SA6PIS	330	14	11	SOU-PH-HP	0/0	0/0	6/5	7/5	1/1	0/0	
SMØHRP	740,775	1,342	175	SOU-CW-HP	0/0	173/32	439/57	575/64	155/22	0/0	
SM5COP	187,913	502	121	SOU-CW-HP	0/0	45/21	141/37	190/33	91/17	35/13	
SE2T	134,112	515	88	SOU-CW-LP	0/0	17/14	0/0	396/50	99/23	3/1	SM2YIZ
SMØLPO	104,448	367	102	SOU-CW-QRP	0/0	101/20	99/30	139/37	22/10	6/5	
SD6O	90,516	304	114	SOU-CW-LP	0/0	90/28	49/28	109/32	38/16	18/10	SA6DXG
SE6N	84,351	331	93	SOU-CW-LP	0/0	46/21	115/34	152/26	15/9	3/3	SA6AXR
SC3A	25,875	120	69	SOU-CW-HP	8/8	4/4	17/14	77/33	3/3	11/7	SM3WMMU
SM3OMO	7,020	70	39	SOU-CW-LP	0/0	0/0	0/0	40/21	22/11	8/7	
8SØDX	6,768	76	24	SOU-CW-HP	0/0	76/24	0/0	0/0	0/0	0/0	SMØDSG
SMØJCA	264	14	12	SOU-CW-HP	0/0	0/0	14/12	0/0	0/0	0/0	
7S7SOP	98	8	7	SOU-CW-LP	0/0	0/0	0/0	6/5	2/2	0/0	
SK7K	42,884	231	71	MSHP	0/0	0/0	18/15	171/40	17/6	25/10	SG7A, SM7LXV
Call	Score	QSOs	Mults	Category	160	80	40	20	15	10	Operator(s) and/or Host
Zone 19											
European Russia											
RZ1OK	336,730	702	151	SO-MIX-LP	0/0	219/33	124/43	313/59	44/14	2/2	
R1BBL	20,178	140	57	SO-MIX-LP	0/0	0/0	35/19	105/38	0/0	0/0	
RU1OZ	676	20	13	SO-CW-QRP	0/0	0/0	0/0	15/9	5/4	0/0	
UA1F	118,828	348	122	SOU-CW-HP	11/6	29/17	89/34	157/34	49/18	13/13	
RL1F	71,820	294	90	SOU-CW-LP	0/0	0/0	112/36	133/32	34/16	15/6	
R1NU	24,300	147	60	SOU-CW-LP	0/0	0/0	19/13	115/35	11/10	2/2	
Call	Score	QSOs	Mults	Category	160	80	40	20	15	10	Operator(s) and/or Host
Zone 20											
Asiatic Russia											
RX9CCJ	44,019	175	67	SO-PH-LP	0/0	0/0	22/14	120/35	31/16	2/2	
RX9CC	88,322	260	86	SO-CW-LP	0/0	5/3	59/25	89/26	68/20	39/12	
European Russia											
R1IO	209,902	488	154	SO-PH-HP	0/0	57/29	169/44	187/53	61/22	14/6	
UA9XF	185,016	590	104	SO-CW-LP	44/9	118/16	123/19	217/35	73/16	15/9	
R8XF	117,306	658	57	SO-CW-LP	0/0	0/0	0/0	658/57	0/0	0/0	
R8MB/1	52,479	250	63	SO-CW-LP	0/0	0/0	100/19	150/44	0/0	0/0	
RT1I	36,096	235	48	SO-CW-LP	0/0	0/0	0/0	175/31	60/17	0/0	
Call	Score	QSOs	Mults	Category	160	80	40	20	15	10	Operator(s) and/or Host
Zone 21											
Asiatic Russia											
RA9JBA	4,864	50	32	SO-PH-HP	0/0	0/0	0/0	50/32	0/0	0/0	
RW9AV	60,075	213	75	SO-CW-LP	0/0	1/1	38/20	136/33	34/17	4/4	
RA9JM	16,564	117	41	SOU-CW-HP	0/0	0/0	13/8	94/27	10/6	0/0	
RC9J	850,222	1,399	137	MSHP	0/0	113/20	311/36	723/49	252/32	0/0	R9JE, R9JR
Call	Score	QSOs	Mults	Category	160	80	40	20	15	10	Operator(s) and/or Host
Zone 22											
Asiatic Russia											
RIØBC	8,964	80	27	SOU-MIX-LP	0/0	0/0	4/2	76/25	0/0	0/0	RW1AI

Call	Score	QSOs	Mults	Category	160	80	40	20	15	10	Operator(s) and/or Host
Zone 23											
Asiatic Russia											
RØQAF	4,676	57	28	SO-PH-LP	0/0	0/0	1/1	56/27	0/0	0/0	
UAØQN	153,180	450	92	SO-CW-HP	0/0	0/0	98/30	314/50	34/10	4/2	
RA/UT5IA	16,029	111	39	SOU-CW-LP	0/0	0/0	0/0	89/30	22/9	0/0	
Zone 27											
Belgium											
OR2F	1,176,461	1,617	247	SO-MIX-HP	46/25	121/35	461/57	636/62	292/46	61/22	
ON5SV	123,950	405	134	SO-MIX-LP	0/0	42/21	110/35	98/29	71/26	84/23	
ON6LR	56,875	245	91	SO-MIX-HP	0/0	0/0	35/21	124/37	56/19	30/14	
ON5WL	43,351	227	77	SO-MIX-LP	0/0	17/13	68/19	91/21	27/12	24/12	
ON7ER	40,640	213	80	SO-MIX-LP	0/0	2/2	35/23	131/32	38/18	7/5	
ON3VS	76,944	325	84	SO-PH-LP	0/0	0/0	32/20	260/44	11/10	22/10	
ON6EF	29,299	153	83	SO-PH-LP	0/0	0/0	26/18	81/34	35/22	11/9	
ON4MAD	7,372	78	38	SO-PH-LP	0/0	0/0	0/0	69/29	9/9	0/0	
ON4CT	284,544	695	144	SO-CW-LP	13/13	31/22	146/26	295/38	161/28	49/17	
ON3ND	149,500	457	125	SO-CW-LP	0/0	47/23	84/28	145/30	130/25	51/19	
ON6NW	108,702	342	122	SO-CW-LP	0/0	38/24	70/26	142/37	61/20	31/15	
OT2X	47,038	302	58	SO-CW-HP	0/0	0/0	64/13	194/25	16/9	28/11	
ON2AD	18,836	131	68	SO-CW-QRP	0/0	5/5	40/20	35/14	37/20	14/9	
ON7CC	13,150	112	50	SO-CW-QRP	0/0	5/5	32/15	61/19	7/6	7/5	
ON4LY	6,570	89	30	SO-CW-LP	0/0	0/0	0/0	81/24	2/1	6/5	
OP1A	3,870	56	30	SO-CW-HP	0/0	0/0	0/0	56/30	0/0	0/0	
ON6LO	1,836	41	18	SO-CW-LP	0/0	14/8	0/0	27/10	0/0	0/0	
ON4ANE	160	12	10	SO-CW-QRP	0/0	8/6	4/4	0/0	0/0	0/0	
ON4CAS	446,394	832	194	SOU-MIX-LP	10/9	98/29	157/39	402/63	124/35	41/19	
ON8ZA	101,822	322	98	SOU-MIX-LP	1/1	0/0	40/18	150/38	98/25	33/16	
OS5K	27,160	183	70	SOU-MIX-LP	0/0	0/0	52/24	94/28	33/14	4/4	ON4EZJ
ON6FC	17,136	133	68	SOU-MIX-LP	0/0	9/6	28/19	35/12	48/23	13/8	
OT1A	52,910	250	55	SOU-PH-HP	0/0	0/0	0/0	236/43	14/12	0/0	
ON7AH	20,025	104	89	SOU-PH-LP	0/0	0/0	24/23	41/31	23/21	16/14	
ON4AVJ	12,384	107	48	SOU-PH-LP	0/0	0/0	0/0	80/32	15/10	12/6	
ON5JT	332,920	844	140	SOU-CW-LP	0/0	129/29	180/35	275/28	177/29	83/19	
OT4A	238,922	1,180	67	SOU-CW-HP	0/0	0/0	475/28	705/39	0/0	0/0	
ON3DI	140,580	465	110	SOU-CW-QRP	0/0	78/24	155/31	167/30	54/19	11/6	
OT5A	186,369	631	111	MSHP	0/0	83/27	256/34	291/49	1/1	0/0	ON4AFW, ON4AQC, ON6FBR, ON7TA
England											
M7K	13,694	115	41	SO-MIX-HP	0/0	0/0	0/0	94/29	18/9	3/3	
MØHMJ	1,740	42	20	SO-MIX-QRP	0/0	0/0	2/2	9/6	11/4	20/8	
G4AGE	45	9	5	SO-MIX-LP	2/1	2/1	2/1	1/1	2/1	0/0	
MØMCV	135,474	423	134	SO-PH-HP	0/0	93/29	151/37	131/37	32/19	16/12	
2EØPLA	30,294	168	81	SO-PH-LP	0/0	13/13	33/21	94/30	20/11	8/6	
G3OMB	27,552	146	84	SO-PH-LP	1/1	14/14	33/23	74/25	21/18	3/3	
2EØJTS	18,900	133	70	SO-PH-LP	0/0	10/10	31/18	61/27	31/15	0/0	
G9Y	17,380	140	55	SO-PH-LP	0/0	1/1	18/17	107/27	14/10	0/0	MØNCG
M6ETL	16,350	114	75	SO-PH-LP	0/0	6/6	21/19	53/25	25/18	9/7	
MØTQR	13,272	108	56	SO-PH-LP	0/0	0/0	6/6	75/29	19/13	8/8	
G8NVX	6,987	75	51	SO-PH-LP	0/0	0/0	18/16	39/19	15/13	3/3	
MØIKO	6,273	72	41	SO-PH-LP	0/0	0/0	24/18	41/18	7/5	0/0	
M6EAM	5,617	70	41	SO-PH-LP	0/0	0/0	18/10	41/21	0/0	11/10	
G3YRZ	5,016	84	24	SO-PH-LP	0/0	0/0	0/0	84/24	0/0	0/0	
G2Z	4,320	60	40	SO-PH-HP	0/0	0/0	23/20	37/20	0/0	0/0	
GØC	4,278	56	31	SO-PH-LP	4/4	0/0	0/0	19/11	27/11	6/5	
2EØLMD	795	53	15	SO-PH-LP	0/0	0/0	0/0	0/0	0/0	0/0	
2EØNTV	310	14	10	SO-PH-LP	0/0	0/0	0/0	14/10	0/0	0/0	
M7DLX	186	13	6	SO-PH-QRP	0/0	0/0	11/4	2/2	0/0	0/0	
GB5EHL	98	8	7	SO-PH-LP	0/0	0/0	0/0	8/7	0/0	0/0	MØVSE
G3VMY	87,662	324	106	SO-CW-LP	0/0	24/16	86/33	170/36	31/16	13/5	
MØSEV	80,160	327	96	SO-CW-LP	0/0	0/0	71/27	174/36	69/21	13/12	
G3T	64,300	233	100	SO-CW-HP	36/25	61/24	0/0	93/27	33/18	10/6	G3VGZ
M1X	62,153	239	91	SO-CW-HP	0/0	43/21	49/23	115/35	32/12	0/0	GØCKP
M5M	61,800	249	103	SO-CW-LP	2/2	41/18	66/30	96/26	32/17	12/10	G4OGB

MØDHP	49,728	248	74	SO-CW-LP	0/0	0/0	40/21	154/30	43/15	11/8	
G4OZG	48,880	233	80	SO-CW-QRP	0/0	9/7	57/28	130/29	27/11	10/5	
G4DDL	34,967	188	73	SO-CW-LP	0/0	3/3	22/16	102/26	44/18	17/10	
MØJWB	26,703	153	69	SO-CW-LP	0/0	17/15	22/17	101/28	8/5	5/4	
G3YMC	15,885	141	45	SO-CW-QRP	0/0	0/0	0/0	92/23	36/13	13/9	
G4WGE	15,616	111	64	SO-CW-LP	5/5	22/15	23/18	41/15	19/10	1/1	
G4ETS	12,173	108	47	SO-CW-LP	0/0	0/0	17/15	82/24	7/6	2/2	
G6A	8,960	111	28	SO-CW-LP	0/0	0/0	0/0	111/28	0/0	0/0	G4NXG
M3M	7,222	81	46	SO-CW-LP	0/0	0/0	12/11	33/13	19/13	17/9	G3PLE
G3ZRJ	3,813	55	31	SO-CW-LP	0/0	0/0	8/7	37/15	10/9	0/0	
2EØFFT	3,800	54	38	SO-CW-QRP	0/0	4/4	9/9	24/11	11/9	6/5	
G3RSD	3,136	46	32	SO-CW-LP	0/0	0/0	0/0	18/16	26/14	2/2	
G3SQU	486	23	9	SO-CW-LP	0/0	0/0	0/0	23/9	0/0	0/0	
G4R	1,707,552	2,207	242	SOU-MIX-HP	61/25	155/39	367/55	1,020/60	512/40	92/23	YO4RDW
G3RLE	16,198	104	89	SOU-MIX-LP	26/21	27/23	10/10	24/20	15/13	2/2	
MØHZT	330	15	10	SOU-MIX-LP	0/0	0/0	2/2	10/5	1/1	2/2	
G3YBO	240	20	12	SOU-MIX-HP	2/1	3/2	4/2	4/2	4/2	3/3	
G3Q	108,780	313	148	SOU-PH-HP	11/11	18/17	49/31	164/53	58/25	13/11	G3RXQ
M9X	39,975	221	75	SOU-PH-LP	0/0	0/0	32/21	144/32	27/13	18/9	
M5AX	33,344	207	64	SOU-PH-LP	0/0	0/0	17/16	167/33	21/13	2/2	
GØOOF	15,424	151	32	SOU-PH-LP	0/0	2/1	31/7	77/14	31/6	10/4	
2EØGJH	372	17	12	SOU-PH-LP	0/0	0/0	2/2	12/7	1/1	2/2	
G4JFS	348	17	6	SOU-PH-LP	0/0	0/0	0/0	17/6	0/0	0/0	
G4DBW	120,999	268	159	SOU-CW-HP	0/0	31/29	46/43	119/47	53/28	19/12	
MØTDW	113,900	337	134	SOU-CW-HP	31/24	42/25	87/31	145/37	8/4	24/13	
2EØCVN	96,432	347	112	SOU-CW-LP	1/1	9/9	113/35	164/34	35/19	25/14	
G3RTU	53,856	243	88	SOU-CW-LP	0/0	24/18	75/26	98/24	46/20	0/0	
GØORH	38,130	172	82	SOU-CW-HP	0/0	0/0	0/0	70/37	76/30	26/15	
G4IRN	34,476	177	78	SOU-CW-HP	0/0	4/4	19/15	95/28	36/17	23/14	
GØFGI	24,780	148	70	SOU-CW-LP	0/0	5/5	19/16	87/27	28/15	9/7	
GØIBN	23,868	170	52	SOU-CW-HP	0/0	2/2	34/21	134/29	0/0	0/0	
G3KLH	17,094	156	42	SOU-CW-LP	0/0	0/0	142/31	10/7	4/4	0/0	
G4ERW	12,054	95	49	SOU-CW-LP	0/0	9/5	24/13	32/13	23/12	7/6	
G3YJQ	11,562	102	47	SOU-CW-HP	0/0	0/0	0/0	39/15	47/23	16/9	
G7PVZ	1,800	46	15	SOU-CW-QRP	0/0	0/0	0/0	46/15	0/0	0/0	
G8VPE	1,190	35	35	SOU-CW-LP	9/9	16/16	9/9	1/1	0/0	0/0	
G3B	19,800	142	66	MSHP	0/0	1/1	38/23	67/23	32/15	4/4	GØPHY, G8UOD, MØIXM
France											
F5OHM	366,960	930	139	SO-MIX-HP	0/0	18/18	213/30	364/41	220/31	115/19	
F5PAL	240,808	737	124	SO-MIX-LP	0/0	0/0	154/37	271/43	245/25	67/19	
F8DRE	222,042	570	138	SO-MIX-LP	8/5	25/17	76/31	371/48	32/17	58/20	
F6GPT	61,383	332	79	SO-MIX-HP	3/2	2/1	68/30	100/13	139/20	20/13	
F8FLN	23,124	141	82	SO-MIX-HP	5/5	16/16	38/18	65/30	17/13	0/0	
F4CKF	7,668	76	54	SO-MIX-LP	0/0	8/8	9/8	12/9	29/15	18/14	
F5DE	4,399	57	53	SO-MIX-LP	1/1	8/7	11/9	16/15	12/12	9/9	
F6FET	3,510	52	39	SO-MIX-LP	0/0	4/3	13/10	17/13	11/6	7/7	
F4CUI	1,767	39	31	SO-MIX-LP	0/0	4/4	4/4	16/12	12/8	3/3	
F4DZR	1,540	33	28	SO-MIX-LP	0/0	0/0	15/13	8/6	6/6	4/3	
F5ELL	1,178	34	31	SO-MIX-HP	0/0	2/1	11/10	5/4	9/9	7/7	
F4AFE	858	33	26	SO-MIX-LP	5/3	2/1	10/9	2/1	5/4	9/8	
F4DBD	686	27	14	SO-MIX-LP	0/0	2/1	2/1	12/4	8/6	3/2	
F6CXJ	336	19	14	SO-MIX-HP	4/3	2/1	7/7	2/1	2/1	2/1	
F2FZ	126	14	9	SO-MIX-HP	2/1	2/1	3/2	4/3	2/1	1/1	
F4FPR	-2	1	1	SO-MIX-LP	0/0	0/0	0/0	0/0	0/0	1/1	
TM5A	396,792	1,043	132	SO-PH-HP	0/0	28/19	305/33	437/40	216/30	57/10	F5VHJ
F5LIW	223,938	653	117	SO-PH-HP	0/0	2/2	6/6	493/64	102/26	50/19	
F1GRH	66,444	251	113	SO-PH-HP	0/0	0/0	59/33	124/42	52/26	16/12	
F6DRP	30,855	247	55	SO-PH-LP	0/0	0/0	4/4	138/28	105/23	0/0	
F4IEX	19,652	122	68	SO-PH-LP	0/0	0/0	15/13	85/37	18/14	4/4	
F4IAY	13,776	108	56	SO-PH-LP	0/0	1/1	29/21	78/34	0/0	0/0	
F1GKS	11,312	93	56	SO-PH-LP	0/0	0/0	16/13	53/24	16/13	8/6	
F1PNJ	8,140	94	44	SO-PH-HP	0/0	1/1	38/15	43/20	9/5	3/3	
F1SOU	6,808	74	46	SO-PH-LP	0/0	6/5	10/9	41/19	13/9	4/4	
F1IKA	5,120	63	40	SO-PH-LP	0/0	0/0	0/0	30/14	12/11	21/15	
F4EMI	4,676	64	28	SO-PH-LP	0/0	0/0	0/0	21/12	0/0	43/16	
F4FNT	4,356	60	36	SO-PH-LP	0/0	0/0	1/1	40/19	17/14	2/2	
F4GMW	3,066	73	42	SO-PH-LP	0/0	0/0	0/0	0/0	0/0	0/0	
F4HXT	2,574	45	26	SO-PH-LP	0/0	3/3	7/5	30/14	5/4	0/0	

F4HZA	2,542	44	31	SO-PH-LP	0/0	2/2	3/3	30/17	6/6	3/3	
F4GJC	1,625	34	25	SO-PH-LP	0/0	0/0	6/6	17/10	8/7	3/2	
F4IIW	560	30	8	SO-PH-LP	0/0	0/0	3/1	26/6	1/1	0/0	
F1TIO	224	14	14	SO-PH-LP	1/1	1/1	2/2	6/6	2/2	2/2	
F8CPA	16	4	4	SO-PH-LP	0/0	0/0	3/3	0/0	0/0	1/1	
TM6X	394,680	824	165	SO-CW-HP	28/20	103/30	192/40	336/28	103/26	62/21	F5VHY
F8DGY	226,499	813	91	SO-CW-HP	0/0	0/0	110/20	419/29	159/23	125/19	
F6GCI	35,640	173	90	SO-CW-LP	0/0	6/4	21/16	40/18	78/34	28/18	
F8FQJ	18,088	134	56	SO-CW-LP	0/0	1/1	37/21	64/24	32/10	0/0	
F6FTB	7,366	91	29	SO-CW-LP	0/0	0/0	0/0	91/29	0/0	0/0	
F4HYY	3,040	50	32	SO-CW-LP	0/0	0/0	27/18	20/11	1/1	2/2	
F6IPT	2,223	51	19	SO-CW-LP	0/0	0/0	0/0	51/19	0/0	0/0	
F4GFT	1,254	29	22	SO-CW-LP	0/0	0/0	4/4	6/3	12/8	7/7	
F5YG	484	22	22	SO-CW-LP	4/4	6/6	12/12	0/0	0/0	0/0	
F1VEV	132	10	6	SO-CW-LP	0/0	0/0	8/5	2/1	0/0	0/0	
F8CRS	556,260	719	254	SOU-MIX-HP	18/17	33/29	96/53	370/80	142/51	60/24	
TM5T	121,257	579	81	SOU-MIX-HP	0/0	2/1	2/1	239/35	234/25	102/19	F5VKT
TM3Z	105,300	314	135	SOU-MIX-LP	0/0	38/22	80/31	101/42	74/27	21/13	F4DSK
F5TRB	22,508	139	68	SOU-MIX-LP	0/0	6/6	12/5	60/23	33/17	28/17	
F5PHW	16,653	115	39	SOU-MIX-HP	2/1	2/1	3/2	65/18	39/14	4/3	
F5RAG	14,300	86	55	SOU-MIX-HP	0/0	0/0	0/0	65/35	15/14	6/6	
F1TRE	12,670	103	70	SOU-MIX-HP	13/12	22/16	8/7	27/13	17/11	16/11	
F4GPB	8,869	94	49	SOU-MIX-HP	0/0	0/0	73/32	21/17	0/0	0/0	
F5NBX	6,726	140	19	SOU-MIX-HP	0/0	0/0	0/0	0/0	0/0	140/19	
F4GVE	1,113	25	21	SOU-MIX-LP	0/0	0/0	18/15	7/6	0/0	0/0	
F4BDG	60	11	6	SOU-MIX-LP	2/1	1/1	2/1	2/1	2/1	2/1	
F4HAU	0	0	0	SOU-MIX-HP	0/0	0/0	0/0	0/0	0/0	0/0	
F4VSE	234,252	531	162	SOU-PH-LP	0/0	38/21	153/35	210/53	89/30	41/23	
TMØ7A	169,024	506	139	SOU-PH-LP	2/2	18/15	35/23	201/45	144/32	106/22	
F1MKG	79,112	267	124	SOU-PH-HP	4/4	19/17	35/21	138/41	41/21	30/20	
F6DZU	58,422	303	78	SOU-PH-HP	0/0	7/7	21/15	220/32	29/13	26/11	
F5DRD	51,837	213	111	SOU-PH-LP	9/9	24/18	45/26	71/25	39/19	25/14	
F1AGR	21,616	118	112	SOU-PH-HP	6/6	12/12	21/21	44/38	22/22	13/13	
F1NZC	20,352	119	96	SOU-PH-HP	0/0	17/17	26/25	50/30	12/11	14/13	
F4GDO	8,280	105	30	SOU-PH-LP	0/0	0/0	0/0	57/18	48/12	0/0	
F4GDI	2,068	44	44	SOU-PH-LP	0/0	1/1	13/13	13/13	12/12	5/5	
F5MUX	1,348,440	1,846	204	SOU-CW-HP	0/0	84/38	473/46	612/52	512/38	165/30	
F4VSQ	634,662	1,119	207	SOU-CW-LP	18/16	130/40	287/47	435/47	179/34	70/23	SQ6MS
F6GCP	281,064	538	168	SOU-CW-HP	4/4	6/6	31/20	225/67	210/48	62/23	
F5IYC	67,728	302	83	SOU-CW-LP	0/0	6/5	110/30	116/25	48/14	22/9	
F8DFP	60,390	383	55	SOU-CW-HP	0/0	4/4	43/9	179/20	59/10	98/12	
F6AUS	28,536	151	82	SOU-CW-LP	0/0	0/0	24/16	70/32	39/21	18/13	
F4HMX	28,470	178	65	SOU-CW-LP	0/0	20/11	51/26	107/28	0/0	0/0	
F3WT	876	21	12	SOU-CW-LP	0/0	0/0	4/3	17/9	0/0	0/0	
TM1MOON	269,985	871	123	MSHP	1/1	22/16	54/23	545/40	214/24	35/19	F4HMV, F6HRP
F6KOP	98,448	602	48	MSHP	0/0	0/0	0/0	602/48	0/0	0/0	F4HRB, F5NQL, IUØBMX
F5KSE	76,073	271	127	MSHP	4/4	11/10	46/31	71/32	95/31	44/19	F4AFQ, F8AZK
F4HJC	67,350	363	75	MSHP	0/0	136/13	76/21	67/17	68/14	16/10	F4GTT, F4HJC
Ireland											
E17M	2,696,085	3,264	243	SO-MIX-HP	45/25	160/33	539/52	1,408/60	705/45	407/28	GD4XUM
E15KO	576	20	16	SO-MIX-LP	0/0	0/0	0/0	18/14	2/2	0/0	
E17T	601,191	1,126	201	SO-PH-LP	23/19	115/34	129/38	446/51	375/39	38/20	ON4EI
E16KB	55,952	226	104	SO-PH-LP	1/1	16/13	49/27	129/39	21/14	10/10	
E13Z	394,335	705	207	SOU-MIX-LP	20/18	56/40	117/40	245/49	240/43	27/17	E16JK
E17CC	53,040	215	85	SOU-CW-LP	1/1	1/1	1/1	86/30	85/35	41/17	
E12IDB	14,322	165	33	SOU-CW-LP	0/0	0/0	0/0	165/33	0/0	0/0	
Isle of Man											
MD2C	1,366,176	1,587	266	SO-CW-HP	97/38	242/45	184/49	770/68	253/50	41/16	MDØCCE
GDØAMD/P	26,650	156	65	MSHP	0/0	0/0	35/20	113/38	8/7	0/0	2EØXNV, GDØAMD, MDØHHH
Luxembourg											
LX7I	1,716,101	1,797	293	SOU-CW-HP	33/29	141/42	421/69	824/78	340/53	38/22	DL3BPC
Netherlands											
PD1RO	23,664	155	58	SO-MIX-LP	0/0	0/0	25/14	123/37	0/0	7/7	
PA4GDR	14,964	112	58	SO-MIX-HP	0/0	0/0	16/13	61/23	29/16	6/6	
PA5P	12,042	105	54	SO-MIX-LP	0/0	6/6	23/15	67/25	6/5	3/3	

PA3TA	11,480	114	40	SO-MIX-LP	0/0	0/0	51/21	63/19	0/0	0/0
PD7CJT	11,475	151	27	SO-MIX-LP	0/0	0/0	0/0	151/27	0/0	0/0
PDØHF	8,435	101	35	SO-MIX-LP	0/0	0/0	16/8	81/24	0/0	4/3
PD1B	4,342	73	26	SO-MIX-LP	0/0	0/0	3/3	65/20	0/0	5/3
PAØGMS	408	18	17	SO-MIX-HP	0/0	8/7	6/6	1/1	0/0	3/3
PA2TMS	390,051	851	171	SO-PH-LP	0/0	185/35	314/56	198/41	112/24	42/15
PA1CM	165,445	369	163	SO-PH-LP	9/9	39/27	89/42	160/48	59/25	13/12
PA7WW	145,834	400	142	SO-PH-HP	0/0	52/24	62/31	174/42	81/31	31/14
PG1R	49,632	227	96	SO-PH-LP	0/0	22/21	44/25	121/29	29/15	11/6
PF6X	35,872	198	76	SO-PH-LP	0/0	3/3	27/18	125/32	17/9	26/14
PA2VS	26,280	187	60	SO-PH-LP	0/0	0/0	47/22	124/28	0/0	16/10
PC4AD	24,938	143	74	SO-PH-LP	0/0	13/12	42/26	79/27	8/8	1/1
PA3ELQ	15,050	129	50	SO-PH-HP	0/0	0/0	7/6	101/31	16/8	5/5
PAØAWH	12,670	102	70	SO-PH-QRP	0/0	22/17	26/19	25/12	16/13	13/9
PD5ISW	11,368	138	29	SO-PH-LP	0/0	0/0	0/0	138/29	0/0	0/0
PDØWVB	7,592	114	26	SO-PH-LP	0/0	0/0	2/2	108/20	0/0	4/4
PA3GVQ	6,909	74	49	SO-PH-HP	0/0	3/3	18/16	43/21	7/6	3/3
PD2JCB	4,862	87	22	SO-PH-LP	0/0	0/0	0/0	87/22	0/0	0/0
PA2WO	3,332	49	34	SO-PH-LP	0/0	0/0	8/8	23/12	16/12	2/2
PA1EJO	2,904	55	22	SO-PH-LP	0/0	0/0	0/0	55/22	0/0	0/0
PA4DN	2,560	55	20	SO-PH-HP	0/0	0/0	0/0	52/17	2/2	1/1
PE1FRE	2,015	36	31	SO-PH-LP	0/0	0/0	0/0	16/14	11/9	9/8
PC1ØØIAU	276	14	12	SO-PH-LP	0/0	0/0	0/0	4/4	5/5	5/3
PA3AAV	1,174,295	1,649	235	SO-CW-HP	115/28	315/44	442/55	589/57	129/33	59/18
PA2W	95,800	351	100	SO-CW-LP	13/12	69/22	87/21	168/34	12/9	2/2
PA3DBS	77,475	380	75	SO-CW-LP	0/0	4/2	131/24	156/25	68/14	21/10
PA3EEG	40,480	198	88	SO-CW-LP	4/4	14/10	50/25	88/26	26/12	16/11
PA3ARM	36,335	218	65	SO-CW-LP	0/0	0/0	87/17	76/22	29/12	26/14
PAØZAV	25,160	152	68	SO-CW-QRP	0/0	38/21	24/14	61/15	29/18	0/0
PBØACU	19,926	160	41	SO-CW-LP	0/0	0/0	0/0	157/38	3/3	0/0
PA5V	18,176	121	71	SO-CW-LP	3/3	20/18	54/25	36/17	7/7	1/1
PAØVLA	18,157	121	67	SO-CW-LP	19/10	18/12	27/17	41/15	9/9	7/4
PAØWKI	16,402	126	59	SO-CW-LP	1/1	30/16	19/13	54/12	16/13	6/4
PA1B	10,962	106	42	SO-CW-QRP	0/0	0/0	21/13	61/18	24/11	0/0
PC7E	8,768	107	32	SO-CW-LP	0/0	0/0	27/18	77/11	3/3	0/0
PA2CHM	6,958	74	49	SO-CW-LP	0/0	5/5	14/14	23/11	23/13	9/6
PA5GU	6,878	76	38	SO-CW-LP	0/0	0/0	0/0	16/8	37/18	23/12
PAØVDV	6,400	102	25	SO-CW-LP	0/0	0/0	0/0	0/0	0/0	102/25
PA7KR	4,305	61	35	SO-CW-LP	0/0	8/6	15/12	16/4	17/9	5/4
PA3FNB	377	15	13	SO-CW-LP	0/0	0/0	2/1	5/4	4/4	4/4
PC3T	1,191,380	1,413	284	SOU-MIX-LP	34/22	143/42	265/59	796/83	129/52	46/26
PA5WT	125,736	412	104	SOU-MIX-HP	0/0	0/0	149/46	0/0	128/36	135/22
PA3EVY	117,974	368	122	SOU-MIX-HP	10/9	7/6	88/28	129/41	39/16	95/22
PA1LEX	114,018	456	93	SOU-MIX-LP	0/0	4/4	139/30	257/35	41/15	15/9
PE5O	79,776	295	96	SOU-MIX-LP	0/0	8/7	52/26	190/44	42/17	3/2
PE2K	78,027	345	93	SOU-MIX-QRP	0/0	0/0	120/31	143/28	62/21	20/13
PC1PM	36,708	201	76	SOU-MIX-LP	0/0	39/20	20/12	113/28	23/12	6/4
PDØWR	30,085	205	55	SOU-MIX-LP	0/0	0/0	9/7	141/32	0/0	55/16
PD1RP	19,451	136	53	SOU-MIX-LP	0/0	0/0	0/0	106/39	0/0	30/14
PA3GEO	7,363	83	37	SOU-MIX-LP	0/0	0/0	0/0	45/19	21/12	17/6
PD7RB	4,232	74	23	SOU-MIX-LP	0/0	0/0	0/0	0/0	0/0	74/23
PE1EWR	102,942	342	126	SOU-PH-LP	12/12	37/23	95/30	141/33	43/19	14/9
PC9DB	90,797	294	119	SOU-PH-LP	0/0	15/14	49/25	158/41	54/26	18/13
PD2TW	84,753	418	73	SOU-PH-LP	0/0	0/0	77/14	301/48	0/0	40/11
PE1FTV	73,882	301	106	SOU-PH-LP	2/2	69/21	55/25	119/31	33/17	23/10
PC4L	34,221	200	61	SOU-PH-LP	0/0	0/0	7/7	193/54	0/0	0/0
PE1LUB	30,628	205	52	SOU-PH-HP	0/0	0/0	0/0	205/52	0/0	0/0
PC4C	26,718	164	73	SOU-PH-LP	0/0	3/3	32/19	68/24	48/18	13/9
PA2Z	21,255	148	65	SOU-PH-LP	0/0	0/0	31/20	99/32	18/13	0/0
PE5JW	17,936	122	76	SOU-PH-LP	7/7	22/19	41/24	46/20	6/6	0/0
PA4R	15,458	102	59	SOU-PH-LP	0/0	0/0	14/12	67/30	13/11	8/6
PE4KH	7,904	93	38	SOU-PH-LP	0/0	0/0	19/16	74/22	0/0	0/0
PA3DWK	6,512	77	37	SOU-PH-LP	0/0	0/0	5/2	71/34	1/1	0/0
PA8VK	518	22	14	SOU-PH-LP	0/0	0/0	22/14	0/0	0/0	0/0
PA4O	890,409	1,270	237	SOU-CW-HP	23/22	210/44	421/63	467/68	108/24	41/16
PA7LV	621,952	897	226	SOU-CW-HP	28/24	37/32	284/57	400/61	122/38	26/14
PA3GRM	328,476	821	124	SOU-CW-HP	0/0	0/0	165/38	586/59	70/27	0/0
PA2TA	134,368	443	104	SOU-CW-LP	0/0	0/0	86/30	270/44	76/24	11/6
PAØJED	129,444	362	134	SOU-CW-LP	9/9	40/27	85/34	178/37	34/19	16/8

PAØGJV	111,720	314	114	SOU-CW-LP	0/0	6/6	59/32	200/50	45/22	4/4	
PA3GDD	91,540	300	115	SOU-CW-HP	0/0	24/18	53/27	164/44	45/18	14/8	
PAØJLS	90,160	341	98	SOU-CW-LP	0/0	48/26	88/27	196/37	5/4	4/4	
PG5V	83,382	397	78	SOU-CW-LP	0/0	0/0	139/31	184/24	68/18	6/5	
PA3AIN	76,398	278	102	SOU-CW-LP	8/8	28/15	75/25	92/24	56/19	19/11	
PG2AA	69,536	307	82	SOU-CW-LP	0/0	20/18	71/20	190/32	23/9	3/3	
PA5TT	58,480	235	86	SOU-CW-HP	0/0	0/0	64/36	155/42	16/8	0/0	
PF6W	51,700	197	94	SOU-CW-LP	0/0	0/0	30/23	109/37	46/23	12/11	
PC5D	45,501	218	87	SOU-CW-LP	0/0	4/4	65/27	96/31	46/20	7/5	
PA5N	36,408	201	74	SOU-CW-HP	15/14	24/5	72/25	69/18	16/8	5/4	
PA3DAT	27,018	148	79	SOU-CW-LP	4/4	10/10	15/13	101/41	9/6	9/5	
PDØME	19,485	147	45	SOU-CW-LP	0/0	0/0	0/0	128/34	0/0	19/11	
PF5X	18,496	113	64	SOU-CW-HP	0/0	0/0	0/0	83/39	14/14	16/11	
PE1HWO	16,200	109	45	SOU-CW-HP	0/0	0/0	0/0	65/25	2/1	42/19	
PDØJMH	6,576	100	24	SOU-CW-LP	0/0	0/0	0/0	100/24	0/0	0/0	
PE1RWL	2,436	41	28	SOU-CW-LP	0/0	0/0	15/13	20/11	6/4	0/0	
PA3DUU	1,134	32	14	SOU-CW-LP	0/0	32/14	0/0	0/0	0/0	0/0	
PA3HGF	1,008	27	16	SOU-CW-LP	0/0	0/0	5/4	22/12	0/0	0/0	
PAØAA	226,738	602	146	MSHP	0/0	72/26	161/32	300/55	57/25	12/8	PAØAA, PE2LZ, PG1N
PI4ASV	24,616	160	68	MSHP	0/0	1/1	20/16	103/28	24/15	12/8	PA1TO, PA3HEO, PA9D, PE4SVG, PF9DC
Northern Ireland											
MIØI	192,120	608	120	SO-PH-LP	0/0	28/18	44/28	397/47	124/21	15/6	
MIØOBC	32,882	186	82	SO-PH-LP	0/0	0/0	17/15	99/33	53/21	17/13	
MI1A	29,784	167	68	SO-PH-HP	0/0	0/0	12/11	135/37	16/16	4/4	MIØULK
2IØWMN	4,212	61	36	SO-PH-LP	0/0	0/0	21/16	40/20	0/0	0/0	
Scotland											
MM3AWD	564,120	1,144	180	SO-MIX-QRP	22/16	187/37	254/43	564/47	94/25	23/12	
MM1E	192,220	502	140	SO-MIX-HP	0/0	101/30	68/29	224/44	70/24	39/13	MMØGOR
GM5G	4,522	61	34	SO-MIX-LP	0/0	0/0	11/8	40/17	10/9	0/0	MMØGYX
MM8Z	184,023	454	161	SO-PH-LP	0/0	37/24	87/39	192/42	95/34	43/22	GM7VSB
GM9C	20,922	138	66	SO-PH-LP	0/0	1/1	33/23	96/34	8/8	0/0	
GMØUKZ	390	20	10	SO-PH-HP	0/0	0/0	0/0	20/10	0/0	0/0	
GM3A	405,852	1,143	124	SO-CW-HP	0/0	208/29	215/34	652/36	31/10	37/15	MMØJOM
MM3N	151,110	476	115	SO-CW-HP	0/0	63/25	118/34	254/36	37/16	4/4	GM4SID
GMØEUL	3,960	68	20	SO-CW-LP	0/0	0/0	0/0	68/20	0/0	0/0	
MMØZBH	57,640	235	88	SOU-MIX-LP	0/0	0/0	0/0	133/43	40/26	62/19	
MM4D	8,323	81	41	SOU-MIX-HP	0/0	0/0	0/0	60/22	15/14	6/5	GM4ATA
GM4UYZ	3,820	79	20	SOU-MIX-LP	0/0	0/0	0/0	79/20	0/0	0/0	
GMØOPS	160,290	416	137	SOU-CW-LP	8/7	37/18	68/33	205/38	73/29	25/12	
MM2T	17,460	172	36	SOU-CW-LP	0/0	0/0	0/0	172/36	0/0	0/0	
GM5M	62,264	284	86	MSHP	0/0	0/0	27/22	179/37	78/27	0/0	GM3JOB, GM4ZNC, MMØGNS
Wales											
MW7KJC	28,560	165	80	SO-PH-LP	0/0	13/13	33/22	85/24	22/12	12/9	
GW9Z	18,480	115	70	SO-PH-HP	0/0	0/0	15/12	52/29	33/18	15/11	
GW7BZR	11,790	103	45	SO-PH-LP	0/0	3/3	10/10	89/31	1/1	0/0	
MWØIDX	3,348	42	31	SO-CW-HP	0/0	0/0	10/9	11/8	18/13	3/1	
GW5L	20,955	141	55	SOU-MIX-LP	0/0	0/0	0/0	56/22	74/25	11/8	GW4ZAR
GW7N	27,389	150	61	SOU-CW-HP	0/0	0/0	11/10	46/14	70/24	23/13	GW4MVA
Call	Score	QSOs	Mults	Category	160	80	40	20	15	10	Operator(s) and/or Host
Zone 28											
Albania											
ZA1U	4	2	2	SO-CW-LP	1/1	0/0	1/1	0/0	0/0	0/0	
Austria											
OE5CYL	33,300	209	90	SO-MIX-LP	10/8	35/18	64/24	77/26	21/12	2/2	
OE2E	27,122	150	71	SO-MIX-LP	0/0	0/0	3/3	116/45	23/17	8/6	
OE/SP7JC	352	22	11	SO-MIX-LP	2/2	7/5	13/4	0/0	0/0	0/0	
OE3EBC	100	10	10	SO-MIX-QRP	0/0	2/2	0/0	2/2	4/4	2/2	
OE1HHB	222,824	577	173	SO-PH-LP	8/8	63/27	126/42	222/48	98/30	60/18	
OE5BGN	71,898	414	69	SO-PH-HP	0/0	0/0	99/15	262/33	26/13	27/8	
OE3HLB	31,535	195	85	SO-PH-LP	0/0	9/9	43/23	97/30	36/15	10/8	
OE3OSB	17,476	132	68	SO-PH-LP	0/0	0/0	37/19	68/30	20/12	7/7	
OE2IJL	8,379	76	63	SO-PH-LP	2/2	14/12	16/16	25/18	14/11	5/4	
OE3MCS/P	6,820	70	44	SO-PH-LP	0/0	0/0	0/0	27/18	32/18	11/8	

OE3TWA	5,406	74	53	SO-PH-LP	0/0	22/17	31/22	20/13	1/1	0/0	
OE3DEC	1,541	36	23	SO-PH-LP	0/0	0/0	0/0	21/12	6/4	9/7	
OE5IO	1,295	37	37	SO-PH-LP	2/2	8/8	0/0	0/0	17/17	10/10	
OE1CIW	153,076	463	142	SO-CW-LP	13/12	33/17	156/37	146/38	58/22	57/16	
OE9WGI	56,745	281	97	SO-CW-LP	0/0	14/13	176/32	63/31	22/15	6/6	
OE3BKC	5,168	59	38	SO-CW-HP	0/0	0/0	55/34	4/4	0/0	0/0	
OE3DXA	64,974	241	102	SOU-MIX-HP	0/0	0/0	0/0	123/52	83/32	35/18	
OE1VMC	1,240	30	20	SOU-MIX-LP	0/0	0/0	0/0	0/0	15/10	15/10	
OE5JSL	16,165	100	61	SOU-PH-HP	0/0	11/9	24/14	51/26	6/5	8/7	
OE5UAL	7,007	74	49	SOU-PH-LP	0/0	36/23	38/26	0/0	0/0	0/0	
OE1XA	21,063	144	59	SOU-CW-LP	0/0	0/0	0/0	40/22	64/25	40/12	OE1EPU
4U1A	697,890	1,370	215	MSHP	40/24	93/31	366/50	761/64	85/29	25/17	HB9RB, OE1ZZZ
Bosnia-Herzegovina											
E7DX	3,432,687	3,923	303	SO-MIX-HP	75/29	345/49	930/66	1,889/79	595/56	89/24	
E71NT	10,971	126	53	SO-MIX-QRP	0/0	0/0	17/9	85/28	21/13	3/3	
E74UK	264,695	720	167	SO-CW-LP	22/16	136/31	178/33	221/41	140/34	23/12	
E74X	104,957	517	103	SO-CW-HP	0/0	104/23	182/26	124/29	102/23	5/2	
E72U	83,250	330	111	SO-CW-LP	0/0	25/16	86/29	166/45	47/16	6/5	
E71A	17,850	239	35	SO-CW-LP	0/0	0/0	239/35	0/0	0/0	0/0	
E74O	5,824	62	52	SO-CW-QRP	0/0	12/10	30/24	12/11	6/6	2/1	
E77O	1,500	32	10	SO-CW-LP	0/0	0/0	2/1	30/9	0/0	0/0	
E7CW	550,338	1,238	201	SOU-MIX-HP	73/26	139/37	208/44	737/62	81/32	0/0	
E77EA	286,352	825	176	SOU-CW-LP	43/26	223/36	299/39	151/37	79/24	30/14	
E78IW	162,375	646	125	SOU-CW-LP	0/0	31/23	167/29	191/36	257/37	0/0	
E71EEE	147,001	505	137	MSHP	0/0	47/25	145/37	198/38	73/26	42/11	E73B, E73PS, E75CV, E77G
Bulgaria											
LZ5R	1,990,224	2,857	272	SO-MIX-HP	33/24	320/45	605/50	1,091/67	614/55	194/31	LZ1NK
LZ1GU	994,560	1,531	259	SO-MIX-LP	57/30	124/37	196/49	630/68	452/51	72/24	
LZØM	750,699	1,178	239	SO-MIX-LP	51/20	125/34	267/56	483/63	184/42	68/24	LZ2SX
LZ3FN	651,052	1,438	212	SO-MIX-LP	63/21	220/32	357/45	410/58	338/36	50/20	
LZ5W	523,776	1,362	192	SO-MIX-LP	60/28	111/29	163/36	576/45	194/30	258/24	LZ1YE
LZ4AW	416,411	1,129	173	SO-MIX-LP	1/1	175/30	267/39	470/45	150/37	66/21	
LZ2HT	70,494	347	93	SO-MIX-LP	0/0	1/1	103/28	201/44	37/16	5/4	
LZ5PL	17,152	143	67	SO-MIX-LP	0/0	35/13	12/7	39/17	27/16	30/14	
LZ3DJ	4,875	76	39	SO-MIX-LP	0/0	0/0	8/4	24/13	34/15	10/7	
LZ5DD	4,440	148	15	SO-MIX-HP	0/0	0/0	0/0	148/15	0/0	0/0	
LZ3SD	45,475	233	107	SO-PH-LP	0/0	12/11	49/25	102/35	35/18	35/18	
LZ9V	28,587	437	39	SO-PH-LP	0/0	0/0	0/0	0/0	437/39	0/0	
LZ7EA	22,002	186	57	SO-PH-LP	0/0	0/0	0/0	131/34	47/17	8/6	
LZ1PUB	20,592	155	72	SO-PH-LP	0/0	2/2	40/23	81/28	22/11	10/8	
LZ5E	2,461	53	23	SO-PH-HP	0/0	0/0	0/0	53/23	0/0	0/0	
LZ5QZ	136,017	602	127	SO-CW-QRP	22/10	79/24	107/27	145/25	215/26	34/15	
LZ1DQ	85,634	387	94	SO-CW-LP	0/0	15/8	65/26	242/38	49/15	16/7	
LZ1IA	83,948	311	124	SO-CW-LP	0/0	62/29	79/38	113/34	47/18	10/5	
LZ1VKD	76,046	323	94	SO-CW-LP	0/0	0/0	14/13	203/44	51/20	55/17	
LZ1AQ	26,944	158	64	SO-CW-LP	0/0	49/22	34/17	75/25	0/0	0/0	
LZ1HW	26,320	150	70	SO-CW-HP	0/0	0/0	63/29	79/36	8/5	0/0	
LZ1GE	25,872	181	77	SO-CW-HP	0/0	16/12	28/15	96/33	26/9	15/8	
LZ1WF	3,534	77	31	SO-CW-QRP	0/0	0/0	5/4	18/8	17/8	37/11	
LZ1KZ	720	19	16	SO-CW-LP	0/0	0/0	4/4	15/12	0/0	0/0	
LZ1QN	610,200	1,210	216	SOU-MIX-HP	44/19	113/32	167/46	606/67	215/37	65/15	
LZ1BP	517,440	762	220	SOU-MIX-LP	4/4	40/32	143/48	350/62	157/50	68/24	
LZ1BJ	83,817	564	67	SOU-MIX-HP	0/0	34/9	10/6	409/33	104/17	7/2	
LZ2YO	338,080	1,041	160	SOU-PH-HP	0/0	71/25	54/27	482/55	348/38	86/15	
LZ1DM	54,320	279	112	SOU-PH-QRP	0/0	25/19	39/21	141/36	47/22	27/14	
LZ1W	37,840	194	80	SOU-PH-HP	0/0	0/0	21/16	139/43	27/16	7/5	
LZ1NDV	16,946	115	74	SOU-PH-LP	0/0	4/4	32/22	56/29	17/13	6/6	
LZ2ZY	2,507	48	23	SOU-PH-LP	0/0	0/0	0/0	0/0	48/23	0/0	
LZ1CRI	1,088	29	8	SOU-PH-HP	0/0	0/0	2/1	27/7	0/0	0/0	
LZ1ZJ	414,003	895	177	SOU-CW-HP	0/0	86/22	111/38	450/64	202/39	46/14	
LZ7Y	304,000	616	200	SOU-CW-HP	0/0	110/33	105/44	237/62	140/44	24/17	LZ2NG
LZ2ZG	125,112	391	156	SOU-CW-HP	29/25	33/15	70/33	156/43	84/29	19/11	
LZ2PS	85,050	523	63	SOU-CW-LP	0/0	0/0	0/0	523/63	0/0	0/0	
LZ3ØOJ	64,893	302	97	SOU-CW-HP	0/0	0/0	60/28	147/37	58/20	37/12	
LZ5XQ	40,385	419	41	SOU-CW-LP	0/0	419/41	0/0	0/0	0/0	0/0	
LZ1MC	3,900	62	20	SOU-CW-LP	0/0	0/0	0/0	38/12	24/8	0/0	
LZ2OQ/1	60	4	3	SOU-CW-LP	0/0	0/0	0/0	4/3	0/0	0/0	

Corsica											
TK/DL4ALB	672	24	14	SO-PH-LP	0/0	0/0	0/0	17/8	7/6	0/0	
TK/IK1BPL	4,477	69	37	SO-CW-LP	0/0	0/0	16/12	34/10	19/15	0/0	
TK5MH	70,727	185	107	SOU-CW-HP	6/6	10/7	10/10	109/50	41/26	9/8	
Crete											
SV9FBP	5,130	64	30	SO-CW-LP	0/0	0/0	0/0	45/16	11/7	8/7	
SV9DJO	80,580	323	102	SOU-CW-HP	0/0	12/12	49/28	136/28	101/21	25/13	
Croatia											
9A5Y	2,605,913	3,072	289	SO-MIX-HP	51/30	252/39	821/52	1,362/76	508/60	78/32	9A7DX
9A3TY	50,991	343	69	SO-MIX-LP	0/0	0/0	0/0	285/41	12/6	46/22	
9A2JK	17,199	114	63	SO-MIX-LP	6/5	7/6	9/7	63/25	19/12	10/8	
9A3DOS	1,180	33	20	SO-MIX-LP	0/0	0/0	6/5	27/15	0/0	0/0	
9A1EA	901	30	17	SO-MIX-LP	0/0	0/0	6/5	24/12	0/0	0/0	
9A3EJZ	848	29	16	SO-MIX-LP	0/0	0/0	6/5	23/11	0/0	0/0	
9A8DV	286,563	780	177	SO-PH-HP	3/3	40/28	117/41	398/51	143/35	79/19	IK6JNH
9A1MM	17,171	130	77	SO-PH-LP	0/0	7/7	41/24	48/24	29/17	5/5	
9A2TX	12,928	120	64	SO-PH-LP	0/0	0/0	23/16	73/29	20/15	4/4	
9A3CJW	11,529	121	63	SO-PH-LP	0/0	5/5	51/24	30/14	18/8	17/12	
9A5HZ	2,880	63	24	SO-PH-QRP	0/0	0/0	63/24	0/0	0/0	0/0	
9A8TT	2,806	47	46	SO-PH-LP	0/0	0/0	13/13	20/19	13/13	1/1	
9A1CVG	1,078	39	22	SO-PH-LP	0/0	0/0	39/22	0/0	0/0	0/0	9A5OIA
9A6DQB	564	17	12	SO-PH-LP	0/0	0/0	3/3	14/9	0/0	0/0	
9A3SM	193,545	518	165	SO-CW-LP	19/15	36/18	119/32	208/51	96/36	40/13	
9A/UX1HW	92,664	395	104	SO-CW-LP	0/0	0/0	171/38	134/36	47/19	43/11	
9A2EY	42,432	173	68	SO-CW-QRP	0/0	0/0	68/23	73/19	24/18	8/8	
9A/OM7RU	31,261	286	43	SO-CW-LP	0/0	0/0	0/0	286/43	0/0	0/0	
9A5MPV	896	30	16	SO-CW-LP	0/0	0/0	1/1	29/15	0/0	0/0	
9A3XV	2,064,778	2,145	331	SOU-MIX-HP	35/26	286/50	438/74	948/86	338/62	100/33	
9A1AA	1,166,418	1,738	274	SOU-MIX-LP	77/31	263/44	351/58	782/72	128/42	137/27	
9A1CFR	50,691	282	61	SOU-MIX-HP	0/0	0/0	0/0	282/61	0/0	0/0	9A2NO
9A2B	39,700	197	100	SOU-PH-LP	0/0	22/18	40/23	97/33	27/18	11/8	
9A6DJX	35,126	205	91	SOU-PH-LP	0/0	5/5	44/24	100/29	32/19	24/14	
9A4AA	31,680	197	88	SOU-PH-QRP	0/0	1/1	51/27	85/27	46/25	14/8	
9A5CAN	19,250	140	77	SOU-PH-LP	0/0	0/0	39/21	64/28	28/20	9/8	
9A6RT	2,553	52	23	SOU-PH-HP	0/0	0/0	0/0	52/23	0/0	0/0	
9A7JCY	867	33	17	SOU-PH-LP	0/0	0/0	0/0	0/0	0/0	33/17	
9A1AD	142,662	529	118	SOU-CW-LP	0/0	117/31	57/31	355/56	0/0	0/0	
9A/S57KM	92,848	421	112	SOU-CW-LP	0/0	18/12	130/28	144/30	101/28	28/14	
9A2GA	58,408	252	98	SOU-CW-LP	0/0	60/22	37/26	66/23	15/9	74/18	
9A/USØVA	25,960	167	55	SOU-CW-LP	0/0	0/0	19/6	64/20	67/24	17/5	
9A/S51Z	9,020	92	44	SOU-CW-QRP	0/0	1/1	24/12	48/17	15/11	4/3	
9A7T	767,250	886	275	MSHP	22/22	66/40	217/64	422/74	111/51	48/24	9A5CB, 9A5MR
9A1BST	43,857	243	99	MSHP	3/2	17/13	55/22	67/22	73/28	28/12	9A4DC, Ivanpavao, Karlo, Sara
Czech Republic											
OK10A	288,272	716	172	SO-MIX-HP	52/23	118/26	219/35	218/49	77/27	32/12	
OK2BUT	137,295	469	135	SO-MIX-LP	0/0	45/18	99/28	244/55	70/25	11/9	
OK2EQ	135,072	475	134	SO-MIX-HP	0/0	17/15	118/34	197/41	94/26	49/18	
OK1IE	43,616	213	94	SO-MIX-LP	0/0	15/11	62/28	65/27	47/19	24/9	
OK1TA	40,656	221	88	SO-MIX-LP	0/0	8/8	38/26	128/34	25/10	22/10	
OK6N	27,388	151	82	SO-MIX-LP	16/13	35/19	0/0	64/27	26/15	10/8	OK2PTS
OK1UXH	21,060	144	78	SO-MIX-LP	9/7	42/22	13/12	58/25	16/7	6/5	
OK1WSL	15,906	140	66	SO-MIX-LP	0/0	0/0	27/18	57/22	40/17	16/9	
OK3GU	403	19	13	SO-MIX-LP	2/1	2/1	2/2	2/1	3/2	8/6	
OK7GU	72	12	6	SO-MIX-HP	2/1	2/1	2/1	2/1	2/1	2/1	
OK1AVV	15	5	3	SO-MIX-HP	0/0	0/0	0/0	2/1	1/1	2/1	
OL8K	670,424	1,626	181	SO-PH-HP	27/13	298/36	357/31	786/64	151/32	7/5	OK1GTH
OK6AB	115,625	430	125	SO-PH-LP	1/1	11/8	99/33	210/47	68/22	41/14	
OK2BRX	51,975	243	105	SO-PH-LP	0/0	26/20	37/25	127/34	47/21	6/5	
OK1LRD	46,958	228	106	SO-PH-LP	24/13	36/25	85/36	74/25	6/4	3/3	
OK2TS	31,047	186	79	SO-PH-LP	11/11	15/12	0/0	129/37	23/13	8/6	
OK1MJJA	30,876	198	83	SO-PH-LP	0/0	34/24	72/32	92/27	0/0	0/0	
OK2AK	2,968	42	28	SO-PH-LP	0/0	0/0	0/0	29/19	13/9	0/0	
OK1CBA	2,948	49	22	SO-PH-LP	0/0	0/0	0/0	49/22	0/0	0/0	
OK1HRD	486	21	18	SO-PH-HP	1/1	2/2	4/4	11/8	1/1	2/2	
OK2XDD	154	12	11	SO-PH-LP	0/0	0/0	12/11	0/0	0/0	0/0	

OK7Y	458,985	999	185	SO-CW-LP	68/23	186/33	262/38	387/47	66/28	30/16	OK1FDY
OK2MBP	394,009	850	187	SO-CW-LP	26/23	152/33	207/43	334/49	99/25	32/14	
OK1LL	255,340	670	170	SO-CW-LP	19/14	122/31	182/39	214/46	119/33	14/7	
OK1DOR	238,856	714	146	SO-CW-LP	129/30	97/27	158/27	203/34	102/19	25/9	
OL3E	152,418	468	133	SO-CW-LP	0/0	121/24	90/36	153/38	70/23	34/12	OK1JOC
OK1HEH	145,452	496	138	SO-CW-LP	24/16	96/28	106/30	149/31	79/19	42/14	
OK2EA	133,089	495	109	SO-CW-LP	0/0	102/20	114/33	278/55	1/1	0/0	
OK2HFC	118,680	460	120	SO-CW-LP	23/12	81/24	68/25	199/31	71/21	18/7	
OK5SA	105,344	383	128	SO-CW-LP	9/8	78/23	84/29	129/31	51/21	32/16	
OK1LV	103,148	433	107	SO-CW-LP	0/0	14/9	100/27	187/34	90/22	42/15	
OK1GS	88,011	376	99	SO-CW-LP	9/6	29/14	127/32	192/34	17/11	2/2	
OK1DVA	82,555	402	95	SO-CW-LP	6/6	64/20	106/26	194/28	30/13	2/2	
OK2BND	65,754	279	117	SO-CW-LP	25/19	46/19	76/26	91/27	28/16	13/10	
OK2ABU	54,693	258	103	SO-CW-LP	6/6	34/21	57/24	136/33	20/14	5/5	
OK1FIM	52,731	274	63	SO-CW-LP	0/0	0/0	0/0	274/63	0/0	0/0	
OK2BOB	38,850	206	75	SO-CW-LP	0/0	0/0	93/26	78/28	30/16	5/5	
OK1FCA	37,449	235	73	SO-CW-LP	0/0	27/15	48/16	135/26	21/12	4/4	
OK2WMC	28,420	195	70	SO-CW-LP	0/0	26/14	35/15	72/18	52/18	10/5	
OK1UKV	24,650	154	85	SO-CW-LP	5/5	23/17	38/24	56/17	19/13	13/9	
OK1DM	24,486	179	77	SO-CW-LP	11/10	27/14	52/16	62/21	23/13	4/3	
OK1PFM	19,950	148	75	SO-CW-LP	6/6	18/16	34/17	64/21	24/13	2/2	
OK6CX	19,845	178	45	SO-CW-HP	0/0	0/0	0/0	178/45	0/0	0/0	
OK1HCG	19,305	248	39	SO-CW-LP	0/0	0/0	248/39	0/0	0/0	0/0	
OK1AXB	18,012	120	76	SO-CW-LP	12/12	8/8	21/18	28/18	38/14	13/6	
OK1DJS	17,279	217	37	SO-CW-LP	0/0	217/37	0/0	0/0	0/0	0/0	
OK2QX	11,873	156	31	SO-CW-LP	0/0	0/0	39/11	96/14	20/5	1/1	
OK1ARO	11,859	100	59	SO-CW-LP	0/0	0/0	32/18	41/20	11/10	16/11	
OK2GU	6,556	74	44	SO-CW-LP	0/0	14/10	23/18	29/10	4/3	4/3	
OK1AOU	6,084	84	36	SO-CW-LP	0/0	0/0	35/18	49/18	0/0	0/0	
OK5RC	5,964	104	28	SO-CW-LP	0/0	0/0	104/28	0/0	0/0	0/0	
OK1DCP	2,146	41	29	SO-CW-QRP	0/0	0/0	0/0	15/10	17/12	9/7	
OK2SWD	2,025	49	25	SO-CW-LP	0/0	0/0	20/11	29/14	0/0	0/0	
OK1TVL	560	22	16	SO-CW-LP	0/0	0/0	10/9	10/5	1/1	1/1	
OL5Y	1,031,680	1,261	256	SOU-MIX-LP	26/23	139/43	278/53	634/77	167/47	17/13	
DLØW	657,540	1,074	234	SOU-MIX-HP	73/28	107/35	182/59	642/82	65/26	5/4	
OK2QA	609,875	1,003	205	SOU-MIX-HP	47/22	53/28	188/48	627/71	63/25	25/11	
OK1TNM	12,280	163	40	SOU-MIX-HP	2/1	56/9	80/16	13/7	2/1	10/6	
OK1DOZ	4,488	65	34	SOU-MIX-LP	0/0	17/8	1/1	24/11	19/11	4/3	
OK2ZW	1,863	35	27	SOU-MIX-LP	0/0	0/0	9/6	15/11	3/3	8/7	
OK1ASG	336	20	14	SOU-MIX-LP	2/1	2/1	2/1	4/3	8/7	2/1	
OK4RQ	274,896	594	184	SOU-CW-LP	1/1	53/33	111/41	324/58	83/35	22/16	
OK7T	204,909	527	167	SOU-CW-LP	27/23	143/34	80/29	218/53	54/23	5/5	OK1FHI
OK6K	172,989	625	129	SOU-CW-QRP	13/11	97/28	184/30	236/32	79/20	16/8	OK5SIM
OK2FD	82,170	229	110	SOU-CW-QRP	1/1	3/3	51/30	129/46	33/21	12/9	
OK2AP	53,760	350	56	SOU-CW-QRP	0/0	0/0	0/0	350/56	0/0	0/0	
OK7KW	32,880	167	60	SOU-CW-LP	0/0	0/0	0/0	167/60	0/0	0/0	
OK2SG	24,307	126	109	SOU-CW-HP	6/6	13/12	29/24	53/43	18/18	7/6	
OK2HIJ	1,500	43	25	SOU-CW-QRP	0/0	0/0	15/13	24/8	4/4	0/0	
OL7T	1,128,120	1,726	238	MSHP	60/22	100/32	379/51	814/69	317/45	56/19	O2BXU, OK5ZZ
OK1RDO	2,146	51	29	MSHP	1/1	20/6	15/10	12/9	1/1	2/2	OK1HRD, OK1MPD
Dodecanese											
SV5/DL2VN	544	26	16	SO-MIX-LP	0/0	0/0	0/0	25/15	1/1	0/0	
Federal Republic of Germany											
DJ5MW	2,496,780	2,903	286	SO-MIX-HP	73/30	228/42	837/59	1,325/74	364/59	76/22	
DM6V	2,308,272	2,516	304	SO-MIX-HP	166/33	273/40	488/65	1,211/79	306/59	72/28	DL5AXX
DK9IP	1,448,400	2,019	255	SO-MIX-HP	41/23	179/33	567/53	895/71	261/50	76/25	
DL3RHN	318,970	724	191	SO-MIX-LP	57/25	118/30	150/41	270/53	97/27	32/15	
DL7ANR	243,040	663	155	SO-MIX-LP	0/0	107/33	128/35	306/52	89/22	33/13	
DL5AWI	235,046	610	163	SO-MIX-LP	33/18	116/32	90/30	306/53	33/16	32/14	
DK3WM	226,582	528	193	SO-MIX-LP	19/19	94/28	116/47	179/50	91/34	29/15	
DF5RF	157,080	426	154	SO-MIX-QRP	15/14	40/25	64/31	192/39	83/32	32/13	
DL2SWR	142,091	456	151	SO-MIX-LP	19/16	46/22	63/30	187/37	96/31	45/15	
DL1ZAX	85,330	378	115	SO-MIX-LP	0/0	75/26	118/33	143/35	27/14	15/7	
DF5BX	71,955	345	117	SO-MIX-HP	17/15	41/17	108/30	125/32	39/15	15/8	
DL4DRW	70,882	287	122	SO-MIX-LP	15/14	39/20	38/22	144/41	30/15	21/10	
DR5ØDIG	67,378	321	118	SO-MIX-LP	0/0	26/17	36/25	144/30	78/28	37/18	DH1PAL
DL4JWU	61,712	313	116	SO-MIX-LP	8/6	55/21	86/30	118/33	29/17	17/9	

DL4SZB	60,192	279	114	SO-MIX-HP	10/9	28/19	54/28	122/33	58/19	7/6	
DL2ØIKT	50,611	263	107	SO-MIX-LP	5/5	83/23	42/23	71/33	38/11	24/12	DL8DXW
DK9BM	39,832	215	104	SO-MIX-QRP	0/0	26/20	37/25	101/30	35/20	16/9	
DL9NO	38,100	252	100	SO-MIX-LP	0/0	30/17	66/27	86/24	47/19	23/13	
DLØVVBG	37,168	194	92	SO-MIX-LP	0/0	18/12	52/28	75/27	31/17	18/8	DF5AN
DL2AWA	35,904	233	102	SO-MIX-LP	26/18	37/19	79/26	49/19	18/11	24/9	
DL1VJL	33,592	140	76	SO-MIX-LP	0/0	0/0	58/29	59/33	12/7	11/7	
DL9SCO	32,340	193	60	SO-MIX-HP	12/11	0/0	12/10	142/25	6/6	21/8	
DK3PM	32,175	183	99	SO-MIX-LP	10/9	27/20	52/24	57/24	25/14	12/8	
DK1LRS	32,078	176	86	SO-MIX-HP	19/14	32/15	45/23	70/24	8/8	2/2	
DL1BSN	31,458	165	98	SO-MIX-HP	7/5	19/16	41/24	72/31	17/15	9/7	
DL4FDM	27,824	162	94	SO-MIX-HP	4/3	20/13	41/25	63/32	14/8	20/13	
DL1LSW	27,306	185	74	SO-MIX-LP	0/0	7/5	50/29	102/27	25/12	1/1	
DJ3GE	26,640	205	80	SO-MIX-LP	0/0	0/0	62/23	35/16	47/23	61/18	
DL7VMM	26,244	177	81	SO-MIX-LP	3/2	20/14	67/24	71/29	9/6	7/6	
DL6RBH	22,240	154	80	SO-MIX-LP	12/10	10/7	37/18	65/25	16/11	14/9	
DF7XR	14,809	140	59	SO-MIX-QRP	0/0	0/0	31/18	53/17	43/16	13/8	
DL3ARK	13,552	109	77	SO-MIX-HP	17/13	8/7	20/16	34/18	18/13	12/10	
DM2XM	12,532	119	52	SO-MIX-LP	2/2	7/6	30/11	64/22	14/9	2/2	
DO9SR	11,883	144	51	SO-MIX-LP	1/1	64/22	0/0	0/0	58/21	21/7	
DG7JB	11,774	113	58	SO-MIX-HP	0/0	0/0	30/17	63/24	20/17	0/0	
DL1RIO/P	11,407	120	61	SO-MIX-LP	10/9	0/0	29/19	58/24	23/9	0/0	
DL1DQW	11,396	101	77	SO-MIX-LP	0/0	13/9	34/24	29/25	17/12	8/7	
DL2BIS	11,275	134	55	SO-MIX-QRP	0/0	18/11	28/13	45/13	33/13	10/5	
DJ7OQ	10,726	105	62	SO-MIX-HP	6/5	10/8	20/15	22/12	24/13	23/9	
DL3LJ	10,575	111	45	SO-MIX-HP	0/0	0/0	87/35	0/0	0/0	24/10	
DL1KVN	10,098	109	51	SO-MIX-LP	0/0	0/0	42/21	42/17	0/0	25/13	
DL5IF	9,604	102	49	SO-MIX-LP	0/0	2/1	22/17	59/17	16/11	3/3	
DL6GBL	8,510	122	37	SO-MIX-LP	0/0	0/0	122/37	0/0	0/0	0/0	
DB2AJ	8,208	86	57	SO-MIX-LP	7/7	23/19	18/10	33/16	3/3	2/2	
DL6DVU	8,100	91	50	SO-MIX-HP	2/1	1/1	32/21	41/19	11/5	4/3	
DO7JLF	7,740	93	43	SO-MIX-LP	0/0	0/0	0/0	0/0	70/28	23/15	
DL2FK	7,504	86	56	SO-MIX-LP	0/0	4/3	24/16	33/21	23/14	2/2	
DA3T	5,772	81	52	SO-MIX-LP	2/1	19/14	20/13	26/14	9/6	5/4	
DL3APK	5,356	75	52	SO-MIX-LP	2/1	14/13	28/18	22/13	3/2	6/5	
DL7VFM	5,190	91	30	SO-MIX-LP	0/0	0/0	0/0	68/19	19/9	4/2	
DG2BAR	5,040	63	45	SO-MIX-LP	2/2	6/4	24/16	11/9	12/8	8/6	
DM1JH	4,830	64	46	SO-MIX-LP	0/0	2/2	12/11	33/18	11/9	6/6	
DL5DTG	4,590	68	27	SO-MIX-HP	2/1	2/1	2/1	35/14	24/8	3/2	
DH8WN	4,558	60	43	SO-MIX-LP	2/1	14/12	14/10	9/8	15/7	6/5	
DL5TW	4,536	80	42	SO-MIX-LP	0/0	17/8	18/12	12/7	17/7	16/8	
DK1OM	4,400	53	40	SO-MIX-HP	3/2	9/8	13/9	19/15	5/4	4/2	
DL6FBK	3,808	53	32	SO-MIX-LP	9/9	25/17	0/0	17/5	2/1	0/0	
DK4REX	3,774	59	37	SO-MIX-LP	0/0	9/8	11/9	31/12	5/5	3/3	
DK8NI	3,735	63	45	SO-MIX-LP	4/2	12/9	28/17	8/7	10/9	1/1	
DL6DBP	3,526	57	43	SO-MIX-LP	1/1	6/5	17/17	24/13	2/2	7/5	
DL2JST	3,456	76	32	SO-MIX-LP	0/0	3/3	51/19	19/7	3/3	0/0	
DL2RD	3,330	50	30	SO-MIX-LP	0/0	0/0	2/1	22/17	2/2	24/10	
DL9ZWG	3,040	59	38	SO-MIX-LP	0/0	6/4	15/13	29/13	4/4	5/4	
DLØTUD	2,838	50	33	SO-MIX-HP	2/1	7/6	14/10	13/7	12/8	2/1	
DM3FAM	2,442	53	37	SO-MIX-QRP	0/0	18/13	29/19	5/4	1/1	0/0	
DF6QE	2,407	39	29	SO-MIX-LP	0/0	0/0	0/0	17/12	10/7	12/10	
DL1AQU	1,740	38	30	SO-MIX-QRP	5/4	4/3	7/6	4/4	7/6	11/7	
DK2MB	1,677	45	39	SO-MIX-LP	0/0	18/17	11/11	14/9	2/2	0/0	
DJ5TT	1,500	40	25	SO-MIX-HP	0/0	0/0	40/25	0/0	0/0	0/0	
DL4DZL	1,452	40	22	SO-MIX-HP	2/1	2/1	27/14	5/4	2/1	2/1	
DO2FN	1,410	31	30	SO-MIX-LP	3/3	13/13	0/0	0/0	13/12	2/2	
DB3LO	1,349	33	19	SO-MIX-LP	2/1	7/5	5/4	12/4	4/3	3/2	
DL2VLA	1,242	35	18	SO-MIX-HP	2/1	5/4	2/1	21/9	3/2	2/1	
DL2HWI	1,224	31	24	SO-MIX-LP	2/1	2/1	6/5	6/4	10/9	5/4	
DL8ZAJ	1,014	36	26	SO-MIX-LP	2/1	2/1	8/7	7/6	6/4	11/7	
DO1TOM	940	31	20	SO-MIX-LP	0/0	31/20	0/0	0/0	0/0	0/0	
DK3RA	836	26	19	SO-MIX-HP	2/1	2/1	2/1	10/8	5/4	5/4	
DK3WJ	792	33	24	SO-MIX-LP	4/3	6/4	7/6	6/4	6/4	4/3	
DL2AMT	468	24	12	SO-MIX-LP	2/1	2/1	2/2	14/6	2/1	2/1	
DM2DXG	442	22	13	SO-MIX-LP	3/2	4/3	5/3	6/3	2/1	2/1	
DLØU	360	18	12	SO-MIX-LP	2/1	2/1	2/1	8/7	2/1	2/1	DF7RT
DL2ZA	336	21	14	SO-MIX-LP	5/4	2/1	2/1	8/6	2/1	2/1	
DG1VR	196	14	14	SO-MIX-LP	0/0	0/0	11/11	3/3	0/0	0/0	

DFØCM	176	16	11	SO-MIX-LP	2/1	2/1	2/1	7/6	1/1	2/1	DLSRY
DL4SEW	152	12	8	SO-MIX-LP	2/1	2/1	2/1	1/1	3/3	2/1	
DL3BVA	112	10	8	SO-MIX-QRP	0/0	0/0	0/0	0/0	10/8	0/0	
DL6FKK	84	9	7	SO-MIX-LP	0/0	2/1	1/1	3/3	0/0	3/2	
DG3FFM	72	12	6	SO-MIX-LP	2/1	2/1	2/1	2/1	2/1	2/1	
DL1AOB	72	12	6	SO-MIX-HP	2/1	2/1	2/1	2/1	2/1	2/1	
DM7M	72	12	6	SO-MIX-LP	2/1	2/1	2/1	2/1	2/1	2/1	DLSJAN
DL8DXL	70	10	7	SO-MIX-LP	2/1	2/1	2/2	1/1	3/2	0/0	
DL2VVL	66	11	6	SO-MIX-HP	2/1	2/1	2/1	1/1	2/1	2/1	
DH8DR	54	10	6	SO-MIX-LP	1/1	2/1	2/1	2/1	1/1	2/1	
DL1JHW	48	8	6	SO-MIX-LP	2/1	1/1	2/2	0/0	2/1	1/1	
DC1UH	0	0	0	SO-MIX-LP	0/0	0/0	0/0	0/0	0/0	0/0	
DL3DUL	0	0	0	SO-MIX-LP	0/0	0/0	0/0	0/0	0/0	0/0	
DM5B	126,616	437	133	SO-PH-LP	0/0	74/27	88/33	180/41	79/21	16/11	
DD5AJ	107,271	365	137	SO-PH-LP	1/1	28/20	68/35	186/42	56/24	26/15	
DF9OO	83,235	313	155	SO-PH-HP	14/14	26/21	51/25	104/42	68/33	50/20	
DL5AWE	77,616	310	132	SO-PH-HP	10/10	32/25	67/30	150/39	44/21	7/7	
DG1IU	65,992	495	73	SO-PH-HP	0/0	12/6	259/31	220/33	4/3	0/0	
DJ4DN	58,149	261	117	SO-PH-LP	0/0	43/23	53/29	123/36	34/22	8/7	
DG5MLA	57,584	250	118	SO-PH-LP	10/10	29/20	38/23	125/35	39/23	9/7	
DF3TE	47,799	224	113	SO-PH-LP	0/0	23/18	35/26	113/33	36/23	17/13	
DF1TB	43,920	197	122	SO-PH-LP	15/14	34/23	50/30	53/32	20/12	25/11	
DB5ABS	38,792	198	104	SO-PH-LP	7/7	25/19	57/27	71/26	28/17	10/8	
DL8UV	37,312	213	106	SO-PH-LP	10/10	21/16	50/25	57/22	45/18	30/15	
DH8LAW	33,820	214	89	SO-PH-HP	1/1	5/5	27/20	133/36	36/17	12/10	
DL2EI	33,235	211	85	SO-PH-LP	2/2	14/13	45/23	103/27	38/14	9/6	
DL7AUO	27,192	190	88	SO-PH-LP	5/5	23/19	36/22	105/30	18/9	3/3	
DJ5KW	25,721	164	89	SO-PH-LP	14/12	33/19	54/23	56/28	7/7	0/0	
DO1CS	25,428	167	78	SO-PH-LP	7/7	38/22	0/0	0/0	96/34	26/15	
DL2GMI	21,535	148	73	SO-PH-LP	0/0	0/0	15/14	87/30	27/18	19/11	
DC1JAG	21,450	151	75	SO-PH-HP	0/0	28/19	55/30	67/25	1/1	0/0	
DK1WZ	20,160	153	72	SO-PH-LP	1/1	2/2	22/18	85/26	33/17	10/8	
DH5WB	16,817	150	67	SO-PH-LP	0/0	0/0	30/17	77/25	33/17	10/8	
DH9DX	16,250	136	65	SO-PH-LP	2/2	6/6	28/20	81/23	15/11	4/3	
DL9GMN	15,525	113	75	SO-PH-LP	0/0	7/7	29/22	48/28	22/13	7/5	
DL1DF	15,265	129	71	SO-PH-LP	0/0	15/12	36/18	48/20	18/12	12/9	
DF1IW	14,539	129	67	SO-PH-LP	0/0	31/21	11/10	74/26	11/8	2/2	
DL5RU	14,400	145	45	SO-PH-HP	0/0	0/0	145/45	0/0	0/0	0/0	
DL9HB	14,135	123	55	SO-PH-LP	0/0	0/0	42/18	58/22	15/8	8/7	
DL1GH	12,648	125	51	SO-PH-LP	0/0	0/0	47/18	67/23	8/7	3/3	
DL1EHG	12,606	112	66	SO-PH-LP	0/0	2/2	27/19	51/24	17/12	15/9	
DG1LS	10,812	105	68	SO-PH-LP	0/0	10/10	19/17	51/25	11/9	14/7	
DL2LBK	10,332	87	63	SO-PH-LP	0/0	19/18	23/18	39/22	4/3	2/2	
DKØDI	10,120	77	46	SO-PH-HP	0/0	21/15	9/8	42/20	5/3	0/0	DG8WA
DHØGDS	9,840	130	40	SO-PH-LP	0/0	0/0	0/0	103/24	23/12	4/4	
DD7UW	9,519	106	57	SO-PH-LP	2/2	5/5	41/21	47/18	4/4	7/7	
DG1EAD	8,756	126	44	SO-PH-LP	0/0	0/0	30/19	96/25	0/0	0/0	
DM3WK	8,084	97	47	SO-PH-LP	0/0	0/0	18/14	54/18	21/12	4/3	
DL9OHA	7,544	79	41	SO-PH-LP	0/0	0/0	0/0	29/16	50/25	0/0	
DB4LI	7,065	71	45	SO-PH-LP	0/0	0/0	0/0	36/23	26/14	9/8	
DK2EE	6,966	96	43	SO-PH-LP	0/0	0/0	43/23	53/20	0/0	0/0	
DL4ZAA	6,713	83	49	SO-PH-LP	0/0	0/0	11/10	55/25	14/11	3/3	
DM4AB	6,534	78	54	SO-PH-LP	0/0	15/13	35/22	20/12	8/7	0/0	
DO9YJ	5,920	84	37	SO-PH-LP	0/0	4/4	0/0	0/0	58/23	22/10	
DL1TW	5,699	81	41	SO-PH-LP	0/0	0/0	12/9	52/20	17/12	0/0	
DK1AUP	5,082	58	42	SO-PH-QRP	1/1	4/4	19/16	32/19	2/2	0/0	
DO6NI	4,655	74	49	SO-PH-LP	5/5	39/25	0/0	0/0	18/12	12/7	
DM5SB	4,510	70	41	SO-PH-LP	0/0	0/0	14/13	44/18	7/5	5/5	
DB1VQ	4,472	60	52	SO-PH-LP	0/0	0/0	13/13	16/16	18/14	13/9	
DL6AUK	4,032	59	42	SO-PH-LP	0/0	9/8	23/18	27/16	0/0	0/0	
DO4MTB	3,780	67	35	SO-PH-LP	0/0	20/15	0/0	0/0	37/17	10/3	
DK1RU	3,772	59	41	SO-PH-HP	0/0	0/0	13/10	15/10	21/12	10/9	
DL4JE	3,276	55	39	SO-PH-LP	1/1	1/1	7/7	32/18	10/8	4/4	
DF5SK	3,219	63	37	SO-PH-LP	0/0	0/0	40/22	23/15	0/0	0/0	
DL7FB	3,172	72	26	SO-PH-LP	0/0	0/0	0/0	72/26	0/0	0/0	
DL9FB	3,108	48	37	SO-PH-LP	0/0	1/1	15/15	14/8	14/9	4/4	
DO1HGS	2,673	60	33	SO-PH-LP	0/0	9/7	0/0	0/0	37/19	14/7	
DG1RPU	2,550	46	34	SO-PH-LP	0/0	11/11	0/0	26/15	7/6	2/2	
DF1TG	2,325	41	31	SO-PH-LP	0/0	0/0	0/0	30/21	7/6	4/4	

DM2DLG	1,943	46	29	SO-PH-LP	0/0	2/2	22/16	21/10	1/1	0/0	
DK8TA	1,920	70	16	SO-PH-QRP	0/0	2/2	10/3	38/6	20/5	0/0	
DK7MCX	1,675	37	25	SO-PH-LP	0/0	0/0	11/10	22/13	4/2	0/0	
DL1JHI	1,620	36	30	SO-PH-QRP	1/1	4/4	11/11	15/9	4/4	1/1	
DK9ZE	1,440	44	20	SO-PH-LP	0/0	1/1	0/0	43/19	0/0	0/0	
DL2FBG	1,430	38	22	SO-PH-LP	0/0	1/1	1/1	19/9	5/3	12/8	
DL1JPF	1,425	40	19	SO-PH-LP	0/0	1/1	5/3	18/5	8/6	8/4	
DL4VCV	1,122	38	22	SO-PH-HP	0/0	0/0	0/0	38/22	0/0	0/0	
DL9HCO	1,092	31	28	SO-PH-LP	1/1	3/3	13/13	13/10	1/1	0/0	
DO4APM	1,000	28	20	SO-PH-LP	0/0	1/1	0/0	0/0	27/19	0/0	
DG4ACF	944	32	16	SO-PH-LP	0/0	0/0	0/0	32/16	0/0	0/0	
DO1KUB	897	29	23	SO-PH-LP	0/0	1/1	0/0	0/0	17/14	11/8	
DG1SR	798	32	19	SO-PH-LP	0/0	0/0	15/10	17/9	0/0	0/0	
DD9JN	714	23	17	SO-PH-LP	0/0	0/0	0/0	23/17	0/0	0/0	
DJ6DO	640	22	20	SO-PH-LP	0/0	0/0	0/0	18/16	4/4	0/0	
DL2RZG	625	25	25	SO-PH-LP	6/6	8/8	7/7	1/1	1/1	2/2	
DB5FT	576	21	16	SO-PH-LP	0/0	0/0	0/0	21/16	0/0	0/0	
DO5ZX	512	19	16	SO-PH-LP	0/0	0/0	0/0	0/0	15/12	4/4	
DC2FD	390	20	10	SO-PH-LP	0/0	0/0	0/0	20/10	0/0	0/0	
DK2KM	374	23	11	SO-PH-LP	0/0	0/0	0/0	0/0	0/0	23/11	
DK2AJ	345	17	15	SO-PH-LP	0/0	1/1	8/8	4/3	3/2	1/1	
DO1HE	275	15	11	SO-PH-LP	0/0	3/3	0/0	0/0	12/8	0/0	
DO8STA	15	4	1	SO-PH-LP	0/0	0/0	0/0	0/0	4/1	0/0	
DM8ANE	-2	1	1	SO-PH-LP	0/0	0/0	1/1	0/0	0/0	0/0	
DLØJR	856,992	1,329	226	SO-CW-HP	101/32	234/40	244/42	529/58	159/31	62/23	DL7ON
DK3GI	704,750	931	250	SO-CW-HP	42/26	111/41	147/44	369/66	207/48	55/25	
DL6BBT	616,818	1,012	223	SO-CW-HP	54/25	122/41	262/47	391/56	121/32	62/22	
DL1CW	409,675	1,019	175	SO-CW-LP	1/1	232/37	234/44	390/49	122/27	40/17	
DM3ZM	334,169	748	187	SO-CW-LP	3/2	165/39	202/46	262/54	79/29	37/17	
DJ2RG	328,692	651	196	SO-CW-QRP	0/0	110/41	206/50	218/54	75/29	42/22	
DJØSP	294,372	757	156	SO-CW-HP	10/10	130/26	313/46	234/42	52/20	18/12	
DL6UD	284,230	533	215	SO-CW-LP	42/24	59/31	122/44	175/51	89/42	46/23	
DL3JAN	273,504	753	148	SO-CW-LP	0/0	17/13	120/32	376/48	175/35	65/20	
DL9ZP	267,273	711	171	SO-CW-LP	30/22	92/28	135/30	257/45	145/28	52/18	
DL5KUD	200,928	502	156	SO-CW-LP	8/8	26/23	120/36	251/56	73/23	24/10	
DL5YL	187,040	611	140	SO-CW-LP	19/10	116/29	126/30	242/35	85/23	23/13	
DJ6OZ	172,380	497	156	SO-CW-LP	17/17	31/24	64/31	259/44	89/25	37/15	
DL8TG	171,720	504	162	SO-CW-LP	15/15	46/26	98/31	239/51	81/24	25/15	
DL5JAN	166,320	452	154	SO-CW-LP	8/7	51/28	106/37	172/38	80/31	35/13	
DJ3XA	153,718	452	151	SO-CW-LP	15/13	85/29	122/44	161/38	63/22	6/5	
DD7NT	153,408	452	136	SO-CW-HP	0/0	47/20	95/31	241/51	59/25	10/9	
DL3DQL	151,476	409	156	SO-CW-LP	32/23	86/31	89/37	136/38	54/19	12/8	
DL4YR	142,740	439	156	SO-CW-LP	19/17	48/23	129/32	156/40	52/28	35/16	
DL4DZ	136,563	393	147	SO-CW-LP	27/20	66/24	78/31	138/34	56/22	28/16	
DM3CW	132,834	373	131	SO-CW-LP	0/0	67/30	73/27	173/46	30/13	30/15	
DL4XU	126,504	435	126	SO-CW-LP	0/0	38/21	87/32	205/41	85/21	20/11	
DM6WAN	126,440	462	116	SO-CW-LP	0/0	40/21	152/33	232/42	17/8	21/12	
DJ3WE	111,930	394	130	SO-CW-HP	38/22	72/19	128/31	111/31	32/17	13/10	
DG7EE	110,124	391	138	SO-CW-LP	18/18	84/28	100/32	100/28	82/26	7/6	
DL5CL	101,706	370	134	SO-CW-LP	11/11	36/24	111/35	111/32	73/19	28/13	
DM2DZM	98,600	417	116	SO-CW-QRP	0/0	107/33	169/38	121/33	20/12	0/0	
DL9LM	95,256	411	98	SO-CW-LP	0/0	0/0	45/16	276/53	73/21	17/8	
DL4ZA	95,202	364	129	SO-CW-LP	34/12	71/24	108/23	105/37	29/19	17/14	
DF1DT	90,970	395	110	SO-CW-LP	0/0	53/21	68/25	209/39	56/17	9/8	
DF1DX	84,992	299	128	SO-CW-QRP	16/14	28/18	69/28	118/31	50/27	18/10	
DJ8RS	78,810	263	111	SO-CW-HP	0/0	10/10	62/28	124/45	40/17	27/11	
DL3KWF	73,427	347	101	SO-CW-LP	0/0	80/34	150/38	97/20	20/9	0/0	
DGØKS	67,915	360	85	SO-CW-HP	0/0	0/0	86/27	244/40	3/3	27/15	
DL3HQN	62,469	311	99	SO-CW-QRP	4/4	16/12	75/25	148/27	47/19	21/12	
DL1THB	56,948	311	92	SO-CW-LP	0/0	23/16	74/25	134/29	62/15	18/7	
DL1RTS	56,875	294	91	SO-CW-LP	2/2	35/20	103/27	125/29	29/13	0/0	
DL2F	53,884	382	76	SO-CW-LP	0/0	19/12	122/23	177/19	50/15	14/7	DL2FDL
DL1HTB	49,396	252	106	SO-CW-QRP	1/1	32/19	65/27	103/31	38/19	13/9	
DL9ZOG	49,039	275	89	SO-CW-LP	0/0	37/21	78/19	102/24	43/16	15/9	
DL3DRN	45,815	233	85	SO-CW-LP	3/3	21/11	44/17	98/24	33/18	34/12	
DJ7WG	45,686	200	106	SO-CW-LP	0/0	26/21	40/27	97/37	25/13	12/8	
DL2IC	45,540	279	66	SO-CW-LP	0/0	0/0	0/0	183/44	96/22	0/0	
DL3KWR	44,772	245	91	SO-CW-LP	10/5	86/30	51/25	93/26	5/5	0/0	
DFØTU	44,086	229	94	SO-CW-LP	30/18	41/18	28/16	52/18	63/17	15/7	DM4EE

DJ9SN	40,788	189	99	SO-CW-LP	10/10	31/10	31/21	80/28	27/20	10/10	
DL2TM	35,520	260	64	SO-CW-QRP	0/0	0/0	90/23	138/25	23/10	9/6	
DL9GMC	34,500	237	69	SO-CW-LP	0/0	4/4	67/25	119/26	43/10	4/4	
DK3AX	33,528	184	88	SO-CW-HP	0/0	7/7	25/21	95/28	42/22	15/10	
DK5ZX	31,350	241	66	SO-CW-LP	0/0	0/0	36/18	163/29	30/11	12/8	
DF7CB	29,103	195	89	SO-CW-LP	1/1	31/16	33/21	58/23	48/19	24/9	
DL1EJM	25,957	140	101	SO-CW-LP	0/0	27/22	34/25	43/28	30/21	6/5	
DL9MFY	22,176	148	66	SO-CW-LP	0/0	0/0	10/9	73/27	45/18	20/12	
DK3CC	20,232	167	72	SO-CW-LP	0/0	7/7	37/23	48/15	58/19	17/8	
DJØYI	20,130	158	66	SO-CW-LP	0/0	0/0	75/33	79/29	4/4	0/0	
DJ7UC	19,272	142	44	SO-CW-LP	0/0	0/0	0/0	136/39	6/5	0/0	
DF6RI	17,056	125	52	SO-CW-LP	0/0	0/0	0/0	90/30	35/22	0/0	
DJ9BM	16,568	130	76	SO-CW-LP	0/0	26/20	41/24	49/22	6/5	8/5	
DL5QS	16,430	151	62	SO-CW-HP	0/0	14/10	15/10	88/26	24/11	10/5	
DL8BV	16,236	156	41	SO-CW-LP	0/0	0/0	0/0	156/41	0/0	0/0	
DLØGEO	13,780	140	65	SO-CW-LP	0/0	29/17	43/18	44/17	22/12	2/1	DL2YAK
DK3YD	10,488	98	46	SO-CW-LP	0/0	0/0	19/15	65/18	11/10	3/3	
DB8AH	9,152	115	52	SO-CW-LP	0/0	6/6	26/18	76/22	7/6	0/0	
DL7GEM	9,126	71	39	SO-CW-LP	0/0	0/0	34/23	33/12	4/4	0/0	
DH2URF	8,568	80	63	SO-CW-LP	0/0	0/0	39/27	24/21	10/8	7/7	
DK1VD	8,378	92	59	SO-CW-QRP	10/9	12/11	20/13	28/13	18/9	4/4	
DL3HRZ	7,913	72	41	SO-CW-LP	0/0	5/3	55/29	0/0	11/8	1/1	
DO2MS	6,264	83	54	SO-CW-LP	21/16	24/15	0/0	0/0	28/16	10/7	
DK2AMS	5,146	78	31	SO-CW-LP	0/0	7/4	22/9	43/13	5/4	1/1	
DH8MS	5,076	77	47	SO-CW-LP	4/4	16/14	9/9	5/5	42/14	1/1	
DL1HZM	4,935	57	35	SO-CW-LP	0/0	0/0	17/15	40/20	0/0	0/0	
DL1EJD	4,872	76	42	SO-CW-LP	0/0	0/0	23/19	44/17	9/6	0/0	
DL5CC	4,828	63	34	SO-CW-LP	0/0	0/0	0/0	53/29	8/3	2/2	
DK7GH	4,100	54	50	SO-CW-LP	14/14	17/16	0/0	0/0	11/10	12/10	
DF4WO	3,128	62	34	SO-CW-LP	0/0	5/5	24/12	19/9	7/2	7/6	
DK9MH	2,340	36	26	SO-CW-LP	0/0	0/0	0/0	15/8	16/13	5/5	
DL8UKW	2,337	48	19	SO-CW-LP	0/0	0/0	48/19	0/0	0/0	0/0	
DK7OG	1,316	35	28	SO-CW-QRP	0/0	0/0	20/17	12/8	3/3	0/0	
DF3OL	1,080	40	15	SO-CW-LP	0/0	0/0	0/0	0/0	0/0	40/15	
DL1ALN	920	36	20	SO-CW-LP	0/0	17/6	13/8	3/3	3/3	0/0	
DL6OAA	920	31	20	SO-CW-LP	0/0	6/6	14/10	11/4	0/0	0/0	
DL9MWG	867	27	17	SO-CW-LP	0/0	2/2	9/8	16/7	0/0	0/0	
DL6MWG	864	42	16	SO-CW-QRP	0/0	0/0	0/0	0/0	32/13	10/3	
DL1NKB	644	29	14	SO-CW-LP	0/0	0/0	0/0	29/14	0/0	0/0	
DLØPHG	372	17	12	SO-CW-LP	0/0	0/0	0/0	9/4	5/5	3/3	DC2IP
DL5MY	108	12	4	SO-CW-QRP	0/0	0/0	0/0	12/4	0/0	0/0	
DG3SBM	1	2	1	SO-CW-QRP	0/0	0/0	0/0	0/0	0/0	2/1	
DL5LYM	758,664	815	328	SOU-MIX-HP	45/35	164/54	128/63	255/81	175/65	48/30	
DL5JS	757,945	1,327	241	SOU-MIX-HP	1/1	211/42	380/57	509/73	159/44	67/24	
DK3WE	720,434	1,185	242	SOU-MIX-QRP	52/26	174/42	363/54	455/69	103/35	38/16	
DP8M	534,303	843	257	SOU-MIX-HP	49/30	128/44	162/49	275/63	157/46	72/25	DL6NDW
DL1NKS	458,163	981	213	SOU-MIX-HP	62/26	90/29	277/47	370/52	128/39	54/20	
DJØIF	355,234	605	241	SOU-MIX-HP	27/25	138/46	119/48	204/67	80/36	37/19	
DF4U	273,402	743	183	SOU-MIX-LP	41/23	93/29	173/40	228/45	154/29	54/17	DL10D
DJ5AN	266,526	483	234	SOU-MIX-HP	51/31	100/46	74/43	148/59	87/42	23/13	
DK2AT	182,115	529	171	SOU-MIX-HP	46/21	57/25	97/31	183/46	105/32	41/16	
DL1ARJ	159,390	485	161	SOU-MIX-LP	7/6	157/36	88/34	142/48	69/23	22/14	
DK5D	130,468	339	169	SOU-MIX-LP	0/0	35/23	45/30	147/61	72/33	40/22	
DL6MIG	118,696	346	148	SOU-MIX-HP	21/15	33/18	37/20	194/60	51/27	10/8	
DM3PKK	110,490	362	127	SOU-MIX-LP	5/4	23/17	81/34	187/43	50/18	16/11	
DK3BK	108,936	356	102	SOU-MIX-HP	24/11	17/7	41/17	225/45	28/13	21/9	
DL8DWW	99,225	266	147	SOU-MIX-LP	2/1	32/28	53/37	130/50	47/30	2/1	
DJ2QV	94,976	325	112	SOU-MIX-HP	2/2	32/14	11/9	192/47	65/26	23/14	
DG7NFX	90,860	402	110	SOU-MIX-HP	0/0	0/0	90/27	156/39	102/25	54/19	
DL1DTL	80,208	411	72	SOU-MIX-HP	4/3	6/4	63/13	242/27	79/19	17/6	
DJ3RA	77,691	249	141	SOU-MIX-LP	25/20	39/27	43/32	71/29	50/22	21/11	
DAØDX	72,618	357	114	SOU-MIX-LP	24/17	100/23	96/28	129/39	1/1	7/6	DL2DCX
DL5ASK	69,930	266	90	SOU-MIX-HP	0/0	0/0	44/28	178/43	41/16	3/3	
DG5E	68,796	215	147	SOU-MIX-HP	10/9	19/18	48/34	86/51	27/21	25/14	DK2CX
DL5ST	64,460	306	110	SOU-MIX-HP	4/2	20/13	66/26	101/33	75/21	40/15	
DL2LRT	64,200	234	120	SOU-MIX-LP	2/1	19/15	70/34	89/44	46/21	8/5	
DF8TY	63,240	249	93	SOU-MIX-LP	17/12	3/3	117/32	75/27	6/6	31/13	
DJ2YA	55,568	191	151	SOU-MIX-HP	37/25	29/26	33/27	40/34	33/24	19/15	
DL7UXG	55,539	315	99	SOU-MIX-LP	3/2	8/6	80/25	141/38	62/19	21/9	

DL1MGB	55,328	198	76	SOU-MIX-HP	11/7	10/8	42/17	93/27	20/12	22/5	
DF6QV	43,778	216	106	SOU-MIX-HP	35/25	54/32	101/34	26/15	0/0	0/0	
DO5JD	35,066	237	89	SOU-MIX-LP	30/20	71/29	0/0	0/0	90/23	46/17	
DL1JGO	34,689	202	93	SOU-MIX-HP	0/0	11/10	36/18	89/32	54/27	12/6	
DF5AU	28,363	124	113	SOU-MIX-HP	11/10	17/16	29/28	31/30	26/20	10/9	
DJ2BC	27,531	132	69	SOU-MIX-HP	2/1	2/1	2/1	75/32	34/23	17/11	
DL3AMI	26,133	157	93	SOU-MIX-HP	3/2	16/13	27/20	56/30	37/16	18/12	
DL1SO	26,112	197	68	SOU-MIX-LP	0/0	0/0	51/24	122/30	21/11	3/3	
DG7RO	23,500	125	100	SOU-MIX-LP	4/4	26/23	29/25	51/33	13/13	2/2	
DL1SL	21,918	157	78	SOU-MIX-LP	0/0	11/10	46/22	49/19	33/16	18/11	
DK8AX	21,535	113	73	SOU-MIX-HP	6/3	2/1	20/15	59/33	20/16	6/5	
DF2AJ	20,075	134	73	SOU-MIX-LP	0/0	18/12	6/3	18/12	59/30	33/16	
DL7CX	19,440	136	48	SOU-MIX-HP	2/1	9/6	43/21	78/18	2/1	2/1	
DL8WAA	19,000	225	40	SOU-MIX-LP	0/0	0/0	225/40	0/0	0/0	0/0	
DJ1AA	15,904	136	112	SOU-MIX-HP	20/19	25/24	29/27	32/23	21/13	9/6	
DL5ØNFA	14,310	140	53	SOU-MIX-HP	0/0	0/0	0/0	72/22	43/18	25/13	DC3RJ
DL7YS	13,696	133	64	SOU-MIX-LP	6/6	16/13	68/21	26/14	10/6	7/4	
DM3VL	12,936	80	49	SOU-MIX-HP	8/7	8/7	40/19	20/14	2/1	2/1	
DKØAE	12,402	112	78	SOU-MIX-HP	2/1	14/9	27/19	50/36	16/11	3/2	DJ1AA
DJ8OG	11,520	99	72	SOU-MIX-LP	7/6	14/11	33/24	18/14	16/9	11/8	
DL1NEO	11,172	87	76	SOU-MIX-HP	2/1	2/1	15/14	29/26	28/25	11/9	
DJ1AUS	10,650	98	50	SOU-MIX-LP	0/0	0/0	36/23	62/27	0/0	0/0	
DL6JZ	10,360	93	70	SOU-MIX-HP	2/1	14/12	24/19	32/21	14/12	7/5	
DM9EE	8,856	79	41	SOU-MIX-HP	0/0	7/6	49/19	15/8	4/4	4/4	
DL1HUH	8,840	90	68	SOU-MIX-LP	24/14	12/9	23/18	16/14	9/8	6/5	
DL2TOS	8,320	81	52	SOU-MIX-HP	12/10	2/1	3/2	17/9	25/17	22/13	
DL1DBR	8,056	85	53	SOU-MIX-HP	2/2	6/5	22/16	37/17	4/4	14/9	
DC8TT	7,803	92	51	SOU-MIX-LP	0/0	25/18	56/23	11/10	0/0	0/0	
DF2DR	7,371	99	39	SOU-MIX-LP	0/0	0/0	0/0	45/15	21/11	33/13	
DL1DSW	4,896	51	34	SOU-MIX-LP	3/2	2/1	2/1	30/19	11/9	3/2	
DL7UPN	3,672	59	34	SOU-MIX-HP	2/1	2/1	6/5	30/12	15/12	4/3	
DL9JON	3,120	50	30	SOU-MIX-HP	6/5	2/1	11/8	13/8	10/5	8/3	
DL1ONI	2,835	45	45	SOU-MIX-LP	1/1	10/10	11/11	11/11	7/7	5/5	
DF4XF	2,470	48	26	SOU-MIX-LP	2/1	2/1	19/13	19/7	3/2	3/2	
DK5DQ	2,400	63	20	SOU-MIX-LP	2/1	13/6	40/8	4/3	2/1	2/1	
DM2BPG	2,385	55	45	SOU-MIX-LP	8/6	16/13	14/12	9/9	5/3	3/2	
DF3VM	2,261	60	19	SOU-MIX-HP	2/1	47/12	5/3	2/1	2/1	2/1	
DJ1TO	2,184	51	39	SOU-MIX-HP	0/0	6/5	32/21	7/7	3/3	3/3	
DK2CX	2,142	45	34	SOU-MIX-HP	4/3	18/15	14/11	4/2	3/2	2/1	
DL2RUM	1,960	36	28	SOU-MIX-HP	2/1	4/3	3/2	12/9	10/8	5/5	
DR6J	1,904	34	28	SOU-MIX-HP	7/6	2/1	2/1	10/9	11/10	2/1	
DL4IAZ	1,886	48	41	SOU-MIX-LP	0/0	11/9	20/15	9/9	5/5	3/3	
DL4HMS	1,872	40	36	SOU-MIX-LP	0/0	1/1	13/11	15/13	8/8	3/3	
DL2HRT	1,292	35	19	SOU-MIX-LP	0/0	1/1	1/1	28/14	3/2	2/1	
DM3ZF	1,000	33	20	SOU-MIX-LP	2/1	2/1	7/5	15/8	5/4	2/1	
DF3SS	841	34	29	SOU-MIX-HP	9/9	3/2	14/12	2/2	4/3	2/1	
DK5TX	720	27	18	SOU-MIX-LP	0/0	0/0	16/11	11/7	0/0	0/0	
DL2GPK	702	31	27	SOU-MIX-LP	6/6	6/5	6/6	9/6	3/3	1/1	
DL9NEI	693	35	11	SOU-MIX-LP	0/0	0/0	0/0	0/0	0/0	35/11	
DL8MF	656	19	16	SOU-MIX-QRP	0/0	2/1	5/3	1/1	5/5	6/6	
DO7CX	576	26	12	SOU-MIX-LP	3/2	2/1	0/0	0/0	19/8	2/1	
DL1AMQ	210	16	10	SOU-MIX-LP	2/1	2/1	2/1	6/5	2/1	2/1	
DL7URB	204	17	12	SOU-MIX-LP	2/1	3/2	5/4	2/2	3/2	2/1	
DLØKHZ	196	16	14	SOU-MIX-LP	0/0	6/5	6/5	1/1	2/2	1/1	
DKØOVL	72	12	6	SOU-MIX-HP	2/1	2/1	2/1	2/1	2/1	2/1	
DM7C	66	11	6	SOU-MIX-QRP	2/1	2/1	2/1	1/1	2/1	2/1	
DJ3JD	60	10	6	SOU-MIX-LP	2/1	2/1	0/0	2/2	2/1	2/1	
DF2F	479,304	990	216	SOU-PH-HP	0/0	175/36	159/51	538/75	90/36	28/18	DF2SD
DL4VAI	259,578	555	209	SOU-PH-LP	16/15	48/27	122/41	223/61	104/41	42/24	
DL1MHJ	148,204	379	158	SOU-PH-LP	7/7	30/23	42/29	198/52	76/34	26/13	
DL2DQL	129,048	399	152	SOU-PH-HP	0/0	43/26	74/38	175/48	86/28	21/12	
DK4VW	88,425	332	131	SOU-PH-HP	0/0	21/18	60/28	163/41	61/25	27/19	
DKØAN	82,718	310	118	SOU-PH-HP	0/0	30/25	19/19	233/51	19/17	9/6	DG2FDE
DL1AX	61,952	253	121	SOU-PH-LP	3/3	25/18	51/28	72/29	75/32	27/11	
DK4WK	48,160	223	112	SOU-PH-LP	8/8	27/21	52/27	93/29	36/21	7/6	
DK6AH	44,084	203	107	SOU-PH-HP	0/0	36/24	42/25	101/36	15/15	9/7	
DH8WR	39,294	218	111	SOU-PH-HP	30/17	38/20	42/26	67/24	30/16	11/8	
DL8MH	36,084	212	97	SOU-PH-LP	0/0	16/13	69/31	86/27	30/16	11/10	
DL7ATR	35,076	176	111	SOU-PH-HP	1/1	27/21	43/29	66/33	35/23	4/4	

DM5RC	21,964	135	76	SOU-PH-HP	0/0	3/3	28/23	49/22	34/15	21/13	
DJ7TW	21,330	140	90	SOU-PH-LP	7/7	17/15	31/22	49/22	29/17	7/7	
DK6VCO	18,720	150	78	SOU-PH-HP	0/0	10/10	19/16	49/22	33/16	39/14	
DL3VL	10,965	89	85	SOU-PH-LP	1/1	21/21	17/17	20/20	18/14	12/12	
DH2PAF	6,834	94	51	SOU-PH-LP	0/0	0/0	18/15	38/18	29/12	9/6	
DK2PZ	6,090	72	35	SOU-PH-HP	0/0	0/0	2/2	70/33	0/0	0/0	
DO1BA	3,090	55	30	SOU-PH-LP	0/0	0/0	0/0	0/0	41/21	14/9	
DB6MC	2,336	41	32	SOU-PH-LP	0/0	0/0	11/11	24/16	6/5	0/0	
DC1RSS	1,829	41	31	SOU-PH-LP	0/0	0/0	6/6	25/15	9/9	1/1	
DL5OCR	1,624	39	28	SOU-PH-LP	0/0	4/4	11/10	19/11	5/3	0/0	
DJ3XM	704	25	22	SOU-PH-LP	0/0	1/1	13/11	4/4	0/0	7/6	
DG8MG	361	21	19	SOU-PH-LP	0/0	0/0	1/1	9/7	4/4	7/7	
DC2CT	72	6	6	SOU-PH-LP	0/0	0/0	2/2	3/3	1/1	0/0	
DJ5I	1,305,375	1,375	295	SOU-CW-HP	23/21	59/40	299/70	749/78	198/53	47/33	DK8ZB
DL6KVA	863,406	1,157	271	SOU-CW-HP	3/3	49/35	358/66	449/86	257/57	41/24	
DL4HRM	720,336	1,099	258	SOU-CW-HP	107/32	207/48	235/52	437/78	85/36	28/12	
DJ9DZ	643,271	968	257	SOU-CW-HP	71/32	102/41	205/50	387/64	149/45	54/25	
DL4CF	562,980	948	220	SOU-CW-HP	122/35	189/45	237/43	251/46	103/34	46/17	
DL5YM	561,528	1,197	198	SOU-CW-HP	119/26	282/35	211/31	361/54	164/33	60/19	
DL3DW	514,710	968	215	SOU-CW-HP	26/24	123/39	221/51	471/60	117/33	10/8	
DL1VDL	488,160	765	216	SOU-CW-HP	26/18	115/39	139/42	344/64	105/35	36/18	
DL4ME	480,956	987	193	SOU-CW-HP	17/16	199/38	312/48	340/53	89/24	30/14	
DKØMM	325,503	671	177	SOU-CW-HP	20/15	46/23	141/27	302/53	136/41	26/18	DJ7IK
DL8WEM	313,374	719	174	SOU-CW-HP	9/9	24/18	178/34	400/62	88/39	20/12	
DL4SDW	303,366	656	186	SOU-CW-LP	21/18	115/26	147/46	296/52	58/29	19/15	
DF4XX	293,000	609	200	SOU-CW-HP	14/14	51/37	153/42	283/62	85/30	23/15	
DF1MM	290,290	655	182	SOU-CW-LP	0/0	91/33	175/51	326/55	47/29	16/14	
DL4AC	242,884	619	164	SOU-CW-LP	3/3	57/25	142/37	332/61	63/26	22/12	
DL5JQ	213,408	425	216	SOU-CW-HP	27/22	68/29	97/46	130/60	67/37	36/22	
DL5NO	123,114	415	142	SOU-CW-LP	14/12	35/22	57/24	163/35	99/30	47/19	
DK2FG	101,752	562	92	SOU-CW-LP	0/0	130/43	432/49	0/0	0/0	0/0	
DL5SDN	78,650	254	130	SOU-CW-LP	6/6	16/15	59/28	105/44	60/29	8/8	
DF2CH	57,970	246	110	SOU-CW-LP	17/12	30/16	70/27	86/30	30/17	13/8	
DF5LW	54,549	310	99	SOU-CW-LP	0/0	58/21	90/28	127/31	27/13	8/6	
DL1EAL	50,396	236	86	SOU-CW-LP	3/3	52/23	112/40	68/19	1/1	0/0	
DD3FH	48,951	205	111	SOU-CW-LP	2/2	8/8	49/29	53/27	71/29	22/16	
DM1AA	47,940	241	102	SOU-CW-LP	8/8	49/24	52/31	120/30	12/9	0/0	
DJ9RR	45,942	206	114	SOU-CW-HP	20/19	24/18	40/23	62/27	41/16	19/11	
DL7AT	43,362	242	73	SOU-CW-LP	0/0	45/8	64/29	123/31	10/5	0/0	
DJ1XT	42,987	152	89	SOU-CW-HP	7/7	2/2	23/20	97/44	8/6	15/10	
DLØRTA	31,950	348	45	SOU-CW-LP	0/0	4/2	272/27	72/16	0/0	0/0	DK2DQ
DM2RN	29,110	156	82	SOU-CW-LP	9/9	1/1	49/28	74/31	20/10	3/3	
DL2ZBO	21,217	194	49	SOU-CW-HP	0/0	10/3	117/31	67/15	0/0	0/0	
DJ3NJ	18,414	125	66	SOU-CW-LP	0/0	9/9	10/9	63/24	36/17	7/7	
DF8V	15,677	117	61	SOU-CW-HP	0/0	9/8	11/11	62/20	22/16	13/6	DF8VO
DL6GCE	14,868	119	59	SOU-CW-LP	0/0	0/0	46/23	42/15	20/13	11/8	
DR7T	12,726	126	42	SOU-CW-LP	0/0	0/0	0/0	86/15	25/17	15/10	
DL6UM	12,544	116	64	SOU-CW-LP	0/0	29/17	39/25	29/9	12/8	7/5	
DL6RAI	11,744	145	32	SOU-CW-LP	0/0	0/0	0/0	145/32	0/0	0/0	
DK3A	10,919	118	61	SOU-CW-HP	1/1	3/3	35/19	42/20	24/10	13/8	DL8UD
DL3VZL	10,512	99	36	SOU-CW-LP	0/0	0/0	57/16	42/20	0/0	0/0	
DK5TRI	6,800	75	34	SOU-CW-LP	0/0	0/0	18/7	37/13	8/7	12/7	
DJ3EI	4,070	58	37	SOU-CW-QRP	0/0	16/11	20/15	22/11	0/0	0/0	
DL1SVA	2,159	43	17	SOU-CW-HP	0/0	0/0	0/0	43/17	0/0	0/0	
DL4ROB	1,152	38	18	SOU-CW-LP	0/0	0/0	5/4	22/8	11/6	0/0	
DL1DWR	144	12	12	SOU-CW-LP	0/0	0/0	0/0	8/8	2/2	2/2	
DF1LX	35	5	5	SOU-CW-LP	0/0	2/2	3/3	0/0	0/0	0/0	
DFØRW	448,659	932	191	MSHP	0/0	120/31	305/46	311/57	169/43	27/14	DL1EFW, DL6DCD
DF7BL	400,995	832	201	MSHP	29/20	134/30	130/35	384/58	108/36	47/22	DF5BM, DJ9CN
DLØMCM	327,120	812	174	MSHP	83/28	135/32	209/42	313/44	57/20	15/8	DB7HL, DL6KWN
DAØN	208,449	572	171	MSHP	17/13	58/25	118/43	297/53	50/20	32/17	DB6VP, DF2GB, DJØBFS, DL8RN, DL9UP
DLØRM	171,904	497	158	MSHP	10/9	28/20	96/36	286/55	44/22	33/16	DD9WL, DG1PY, DH1PQ, DH2PC, DH5WA, DL5WO
DJ4MX	68,200	279	124	MSHP	3/3	18/16	65/36	159/44	25/18	9/7	DJ2MX, DJ4MX
DLØOVV	48,178	244	109	MSHP	0/0	20/16	57/28	92/32	52/21	23/12	DL1EMA, DO1EMA
DM3F	30,225	151	75	MSHP	0/0	16/12	24/20	89/30	17/8	5/5	DH5FS, DM3JAN
DL7ØBRD	6,396	79	52	MSHP	0/0	20/18	16/12	40/19	3/3	0/0	DJ3JH, DK1YH
DL4M	1,679	43	23	MSHP	0/0	0/0	4/4	35/15	0/0	4/4	DC2CB, DD5SV, DF6QE, DL4PAX, DL4YAY, DM2RH

DN3AU	319	15	11	MSHP	1/1	2/1	1/1	1/1	2/2	8/5	Jutta, Robin
Greece											
SV6JHA	66,254	187	157	SO-PH-HP	18/18	25/25	28/26	53/40	39/29	24/19	
SV1KWA	8,601	85	47	SO-PH-LP	0/0	0/0	0/0	57/30	28/17	0/0	
SV2YC	7,511	99	37	SO-PH-LP	0/0	0/0	0/0	99/37	0/0	0/0	
SV1QFU	-1	1	1	SO-PH-LP	0/0	0/0	0/0	1/1	0/0	0/0	
SV1AZL	19,600	139	50	SO-CW-LP	0/0	0/0	1/1	44/12	61/20	33/17	
SV1JFL	12,240	149	45	SO-CW-LP	0/0	0/0	52/22	44/15	53/8	0/0	
SV1CEI	7,596	59	36	SO-CW-LP	0/0	0/0	5/4	22/9	18/13	14/10	
SV8/HB9FIH	4,554	61	33	SO-CW-LP	0/0	0/0	8/6	43/18	10/9	0/0	
SV1RUX	3,432	39	24	SO-CW-LP	0/0	0/0	0/0	8/3	12/6	19/15	
J4ZL	1,457,832	2,306	276	SOU-MIX-HP	62/32	110/40	558/62	894/72	494/51	188/19	SV2DSJ
SV7BVM	765	26	17	SOU-MIX-LP	0/0	0/0	18/12	0/0	7/4	1/1	
SV2AEL	117,306	458	133	SOU-PH-LP	2/2	52/26	72/31	221/45	42/13	69/16	
SV3RPQ	31,280	192	92	SOU-PH-LP	0/0	25/20	1/1	105/35	36/18	25/18	
SV2CXI	3,960	42	36	SOU-PH-HP	0/0	0/0	0/0	9/7	20/16	13/13	
SV2HJW	1,360	39	20	SOU-PH-LP	0/0	0/0	3/3	15/9	14/5	7/3	
SV2BXA	81,510	384	114	SOU-CW-HP	0/0	35/17	76/26	178/38	60/23	35/10	
SV2ESW	49,984	200	88	SOU-CW-HP	0/0	0/0	32/23	116/37	47/24	5/4	
SV2HXV	2,080	39	26	SOU-CW-LP	0/0	0/0	2/2	3/3	19/15	15/6	
Hungary											
HGØY	614,268	1,509	151	SO-MIX-HP	22/16	49/9	235/27	900/54	287/38	16/7	HA7GN
HG6C	149,668	479	142	SO-MIX-QRP	27/16	57/20	132/40	163/36	83/20	17/10	HA6IAM
HA5BA	149,375	552	125	SO-MIX-QRP	2/2	100/29	136/35	221/33	68/16	25/10	
HGØDQR	95,256	368	108	SO-MIX-HP	0/0	57/19	57/22	153/36	89/22	12/9	HA5GY
HA8AT	62,901	316	87	SO-MIX-LP	0/0	19/10	47/20	220/42	27/12	3/3	
HA3DX	766,475	1,552	215	SO-PH-LP	53/22	184/29	211/48	608/58	292/34	204/24	HA4XH
HA1IO	36,668	188	103	SO-PH-LP	4/4	16/15	33/23	88/32	30/18	17/11	
HA3FHH	26,442	134	78	SO-PH-LP	0/0	0/0	0/0	76/36	47/32	11/10	
HA1TI	24,108	171	82	SO-PH-QRP	12/12	28/16	46/23	82/29	3/2	0/0	
HG5D	1,488,095	1,574	305	SO-CW-HP	35/30	141/51	333/70	761/88	273/52	31/14	HA8QZ
HA1SN	1,202,630	1,478	290	SO-CW-LP	56/28	191/44	348/60	524/77	269/55	90/26	
HA8DU	247,190	975	95	SO-CW-HP	3/3	22/7	276/27	434/32	220/21	20/5	
HA4YF	200,400	530	167	SO-CW-LP	51/24	81/33	131/39	159/33	78/27	30/11	
HA7I	139,810	435	110	SO-CW-HP	0/0	0/0	0/0	334/67	69/29	32/14	HA7JTR
HA5NR	119,926	419	122	SO-CW-HP	0/0	55/19	89/30	181/44	59/21	35/8	DD5KG
HA7PO	99,064	337	122	SO-CW-LP	0/0	62/29	44/22	179/49	44/16	8/6	
HA2MN	98,304	386	96	SO-CW-LP	0/0	0/0	39/20	270/43	45/19	32/14	
HA7MF	55,821	291	69	SO-CW-HP	0/0	0/0	59/26	162/33	70/10	0/0	
HA1AS	48,861	211	89	SO-CW-HP	0/0	0/0	20/17	153/44	29/22	9/6	
HA1BC	48,312	200	88	SO-CW-LP	0/0	39/23	60/30	86/25	13/8	2/2	DL1MAJ
HA8TKS	23,165	230	41	SO-CW-LP	0/0	0/0	0/0	230/41	0/0	0/0	
HAØGK	4,394	86	26	SO-CW-LP	0/0	0/0	0/0	6/4	80/22	0/0	
HA5CRT	3,668	70	28	SO-CW-LP	0/0	0/0	13/9	57/19	0/0	0/0	
HA9TA	2,295	60	15	SO-CW-LP	0/0	0/0	0/0	0/0	60/15	0/0	
HA3NU	3,255,408	2,821	376	SOU-MIX-HP	67/32	172/57	640/87	1,278/95	539/69	125/36	
HG1A	1,344,772	1,864	286	SOU-MIX-LP	83/32	317/50	394/53	679/74	284/52	107/25	HA1ZN
HA6PJ	312,534	752	179	SOU-MIX-LP	39/21	159/31	149/34	255/50	107/29	43/14	
HGØR	772,164	1,222	267	SOU-PH-LP	40/24	66/37	183/59	459/77	289/50	185/20	HAØNAR
HG6R	132,404	407	158	SOU-PH-QRP	27/20	44/22	71/30	152/44	82/30	31/12	
HG3N	1,654,116	1,826	307	SOU-CW-HP	55/29	200/51	388/68	919/80	108/45	156/34	HA3LN
HA9A	1,285,438	1,777	238	SOU-CW-HP	63/21	174/38	461/51	651/68	407/50	21/10	HA9AX
HA6P	1,077,720	1,318	280	SOU-CW-HP	35/25	68/35	146/57	825/85	154/59	90/19	HA6PX
HG6O	748,384	1,378	224	SOU-CW-HP	107/30	264/43	445/53	419/60	113/29	30/9	HA6OA
HA6NL	693,500	1,040	250	SOU-CW-LP	50/24	161/44	254/49	341/70	148/44	86/19	
HA5X	248,121	651	171	SOU-CW-LP	30/24	127/29	174/38	197/39	87/28	36/13	HA5XA
HA3OU	219,452	519	166	SOU-CW-HP	0/0	79/35	82/39	206/48	135/33	17/11	
HA5AQ	161,660	364	137	SOU-CW-HP	0/0	8/7	39/30	217/58	74/32	26/10	
HG3C	157,680	486	144	SOU-CW-QRP	7/7	57/26	60/26	194/38	112/31	56/16	HA3HX
HA7VK	89,570	274	130	SOU-CW-HP	30/22	5/5	31/20	141/48	54/26	13/9	
HA8LLK	82,838	360	97	SOU-CW-LP	0/0	0/0	134/30	128/33	61/21	37/13	
HA8TP	58,565	484	53	SOU-CW-HP	0/0	0/0	484/53	0/0	0/0	0/0	
HG8W	55,148	252	68	SOU-CW-HP	0/0	0/0	0/0	146/36	59/20	47/12	
HA3HK	53,730	291	90	SOU-CW-LP	0/0	0/0	60/24	169/36	33/15	29/15	
HA2NA	50,250	434	50	SOU-CW-HP	0/0	434/50	0/0	0/0	0/0	0/0	
HAØHW	47,656	318	74	SOU-CW-HP	0/0	47/12	45/13	38/20	148/20	40/9	
HA1WD	33,957	217	77	SOU-CW-LP	0/0	35/15	114/29	42/14	26/19	0/0	

HA4FY	18,576	258	36	SOU-CW-QRP	0/0	0/0	258/36	0/0	0/0	0/0	
HA3FMR	5,177	99	31	SOU-CW-LP	0/0	0/0	99/31	0/0	0/0	0/0	
HA1RJ	4,875	111	25	SOU-CW-LP	0/0	0/0	111/25	0/0	0/0	0/0	
HG6N	2,858,128	2,780	338	MSHP	25/22	274/51	625/79	1,412/94	389/66	55/26	HA6AA, HA6DX, HA6ND, HA6NY, HA6OI, HA6ON, HA8RT, K1SSTIBOR
HG7T	2,147,866	2,168	343	MSHP	74/40	284/50	469/68	899/89	325/64	117/32	HAØDU, HA7TM, HA9PP, HG5DX
HG5A	1,509,024	1,986	264	MSHP	65/30	169/39	569/65	709/73	406/43	68/14	HA5IW, HA5VJ, HA7RY
HAØKID	37,924	241	76	MSHP	0/0	23/13	49/18	143/34	26/11	0/0	HAØLQ, HAØLZ, HA1PZ, HA3GO, HA3SB, HA5JA, HA7AR, HA7MO
Italy											
IR1G	2,635,214	3,044	298	SO-MIX-HP	48/27	116/44	610/56	1,721/81	430/57	119/33	IZ1LBG
IB9A	1,034,656	2,069	217	SO-MIX-HP	35/20	141/28	173/37	1,084/67	396/39	240/26	IT9RBW
IJ3B	370,617	810	221	SO-MIX-LP	42/22	93/31	126/42	353/61	154/44	42/21	IU3FBL
IK1RGK	167,713	566	133	SO-MIX-LP	0/0	0/0	48/30	393/55	102/31	23/17	
IV3BCA	100,330	331	158	SO-MIX-LP	19/19	35/25	50/33	162/45	51/27	14/9	
IK1XPK	30,800	217	88	SO-MIX-QRP	0/0	11/10	20/15	103/26	55/21	28/16	
IZ3GNG	12,474	158	42	SO-MIX-HP	2/1	4/3	41/7	56/11	41/12	14/8	
IT9ACJ	11,716	146	58	SO-MIX-QRP	0/0	0/0	16/12	30/15	27/15	73/16	
IK7NXU	8,904	98	56	SO-MIX-LP	0/0	9/8	47/22	1/1	16/10	25/15	
IK3MLF	8,580	81	65	SO-MIX-LP	0/0	16/15	13/12	36/25	13/10	3/3	
IR8D	6,336	146	24	SO-MIX-HP	0/0	0/0	0/0	77/10	38/9	31/5	IZ8JAI
IK5AMB	4,816	54	28	SO-MIX-LP	2/1	2/1	3/2	38/16	8/7	1/1	
IO2S	4,017	72	39	SO-MIX-QRP	0/0	1/1	12/9	39/13	12/10	8/6	
IC8FBU	3,912	58	24	SO-MIX-LP	0/0	0/0	13/7	11/5	0/0	34/12	
IW1FGZ	2,739	59	33	SO-MIX-LP	0/0	2/2	10/10	23/11	3/3	21/7	
IW1FRU	612,892	1,254	212	SO-PH-LP	18/14	129/34	115/38	795/70	134/39	63/17	
IZ1OSP	323,292	1,073	174	SO-PH-HP	15/14	177/31	287/38	457/48	102/27	35/16	
IB4Y	140,751	624	117	SO-PH-HP	3/3	5/4	118/26	314/43	150/29	34/12	IU4HRJ
IZ4AIF	78,260	307	130	SO-PH-LP	3/3	24/16	62/29	108/35	56/25	54/22	
IZ1PHT	69,918	304	129	SO-PH-LP	4/4	34/23	90/32	112/39	37/18	27/13	
I4VIL	59,438	258	113	SO-PH-LP	0/0	0/0	55/32	116/39	53/25	34/17	
IR7R	49,926	425	53	SO-PH-HP	0/0	0/0	0/0	425/53	0/0	0/0	
IK3ZBM	48,251	203	113	SO-PH-LP	0/0	0/0	39/29	115/49	39/26	10/9	
IØOSI	42,292	230	109	SO-PH-LP	0/0	26/21	67/28	103/35	28/19	6/6	
IW5ECW	22,960	160	80	SO-PH-LP	0/0	0/0	23/14	75/32	56/28	6/6	
IU6FUB	22,910	161	79	SO-PH-LP	0/0	5/5	20/17	94/32	24/16	18/9	
IX1HPN	22,104	156	72	SO-PH-HP	0/0	5/5	36/23	110/39	5/5	0/0	
IZ3XNJ	21,243	162	73	SO-PH-LP	0/0	3/3	29/18	77/24	40/17	13/11	
IU1KGS	20,519	148	71	SO-PH-LP	0/0	0/0	50/26	53/21	45/24	0/0	
IW2NSE	15,836	120	74	SO-PH-LP	0/0	2/2	17/14	61/32	27/17	13/9	
IW1BND	14,620	107	86	SO-PH-LP	3/3	19/17	22/19	31/22	24/17	8/8	
IT9OPR	13,502	170	43	SO-PH-LP	0/0	0/0	0/0	170/43	0/0	0/0	
IU3EDK	12,702	118	58	SO-PH-LP	0/0	7/7	39/21	68/26	4/4	0/0	
IZ5CMC	10,704	128	48	SO-PH-LP	0/0	0/0	91/27	32/18	5/3	0/0	
IZØVXY	10,340	116	55	SO-PH-LP	0/0	0/0	51/22	4/4	53/21	8/8	
IK2QLX	10,092	99	58	SO-PH-LP	0/0	5/5	24/17	54/21	12/11	4/4	
IU5CIP	10,050	89	67	SO-PH-LP	0/0	17/14	17/11	30/21	22/18	3/3	
IZ8QNS	8,568	82	56	SO-PH-HP	0/0	4/4	24/15	33/19	12/10	9/8	
IX1BFL/6	8,442	79	63	SO-PH-LP	0/0	0/0	28/22	35/25	12/12	4/4	
IW2NEF	8,151	80	57	SO-PH-LP	0/0	0/0	7/7	46/28	17/14	10/8	
IUØLRV	6,292	75	52	SO-PH-LP	0/0	13/11	16/14	40/21	3/3	3/3	
IK3XTT	5,502	69	42	SO-PH-LP	0/0	2/2	8/7	35/16	16/10	8/7	
IZ8EQG	5,250	76	50	SO-PH-LP	0/0	0/0	17/11	11/9	26/16	22/14	
IWØHLZ	5,096	74	49	SO-PH-LP	0/0	4/4	17/12	24/14	27/17	2/2	
IU2HEE	2,656	50	32	SO-PH-LP	0/0	0/0	9/9	41/23	0/0	0/0	
IZ4UFB	2,542	49	31	SO-PH-HP	0/0	0/0	6/5	23/13	18/11	2/2	
IZ1RDQ	2,349	39	29	SO-PH-LP	0/0	0/0	11/8	13/9	10/9	5/3	
IZ1TTR	1,680	38	28	SO-PH-QRP	0/0	0/0	10/10	18/11	10/7	0/0	
IK2EBP	1,311	39	19	SO-PH-QRP	0/0	0/0	0/0	39/19	0/0	0/0	
IZØFIU	315	13	9	SO-PH-LP	0/0	0/0	0/0	11/7	2/2	0/0	
IK8RJS	308	16	11	SO-PH-LP	0/0	0/0	0/0	2/1	1/1	13/9	
IX1CKN	180	16	9	SO-PH-LP	0/0	0/0	0/0	16/9	0/0	0/0	
IZ3WFD	132	11	11	SO-PH-LP	2/2	9/9	0/0	0/0	0/0	0/0	
IZ5IMB/IA5	50	8	5	SO-PH-LP	0/0	0/0	0/0	8/5	0/0	0/0	
IT9DWF	40	10	5	SO-PH-LP	0/0	0/0	0/0	0/0	0/0	10/5	
I5KAP	0	0	0	SO-PH-QRP	0/0	0/0	0/0	0/0	0/0	0/0	
IW1RGP	-4	1	1	SO-PH-HP	0/0	0/0	0/0	1/1	0/0	0/0	
IK1JJM	179,040	728	120	SO-CW-LP	1/1	42/16	118/28	381/44	64/13	122/18	

IK2SND	152,460	648	110	SO-CW-HP	0/0	0/0	103/28	328/33	153/30	64/19	
I6FDJ	128,019	462	139	SO-CW-LP	9/9	27/16	68/29	152/30	129/32	77/23	
IV3EAD	43,264	209	104	SO-CW-LP	0/0	57/24	71/30	33/17	37/24	11/9	
IK6BAK	42,196	262	77	SO-CW-LP	0/0	0/0	22/14	74/16	85/31	81/16	
IØIA	34,935	237	85	SO-CW-LP	0/0	29/20	82/26	106/28	20/11	0/0	
IV3DRP	33,210	160	82	SO-CW-QRP	0/0	0/0	28/23	80/27	34/21	18/11	
IKØNOJ	30,162	195	66	SO-CW-HP	0/0	0/0	0/0	90/25	71/23	34/18	
IZ4OSH	26,848	328	32	SO-CW-LP	0/0	0/0	0/0	328/32	0/0	0/0	
IK2AHB	25,620	265	42	SO-CW-HP	0/0	0/0	0/0	265/42	0/0	0/0	
IK2WAD	23,380	232	35	SO-CW-LP	0/0	0/0	0/0	232/35	0/0	0/0	
IK8ARF	23,373	158	63	SO-CW-LP	0/0	0/0	9/8	79/23	53/19	17/13	
IK3YBX	17,820	98	81	SO-CW-LP	0/0	0/0	13/12	41/33	30/23	14/13	
IK2A00	16,688	131	56	SO-CW-LP	0/0	0/0	41/24	85/27	5/5	0/0	
IK2AUK	15,250	144	61	SO-CW-LP	0/0	12/9	22/13	75/23	29/11	6/5	
IT9CKA	15,164	142	68	SO-CW-LP	0/0	0/0	31/21	37/19	64/22	10/6	
I4LCK	13,624	111	52	SO-CW-HP	0/0	0/0	0/0	0/0	62/29	49/23	
IK2NUX	13,490	104	71	SO-CW-LP	0/0	0/0	14/13	44/25	29/19	17/14	
IZ6BXQ	12,834	98	69	SO-CW-LP	0/0	0/0	15/13	29/20	31/22	23/14	
IK2REA	12,098	111	46	SO-CW-LP	0/0	0/0	43/16	59/23	3/2	6/5	
I4JEE	10,927	101	49	SO-CW-LP	0/0	15/7	10/7	12/5	49/20	15/10	
IQ8PC	9,672	133	39	SO-CW-LP	0/0	0/0	8/8	124/30	1/1	0/0	
IZ4DZD	8,109	85	51	SO-CW-HP	0/0	0/0	31/19	32/20	22/12	0/0	
IU6AIG	7,900	77	50	SO-CW-LP	0/0	0/0	9/8	47/29	6/4	15/9	
IN3OWY	7,826	125	43	SO-CW-LP	0/0	65/21	35/14	24/7	1/1	0/0	
IN3MNS	7,260	75	60	SO-CW-LP	6/6	13/13	21/10	5/5	21/19	9/7	
I2VXJ	5,654	107	22	SO-CW-HP	0/0	0/0	0/0	0/0	107/22	0/0	
IZ3DVU	3,556	62	28	SO-CW-LP	0/0	0/0	15/8	33/11	13/8	1/1	
IK2LOL	2,556	46	36	SO-CW-LP	0/0	11/11	19/12	11/8	5/5	0/0	
I3FDZ	1,860	43	15	SO-CW-HP	0/0	0/0	0/0	43/15	0/0	0/0	
IZ3KMY	1,620	38	36	SO-CW-LP	0/0	5/5	11/10	10/10	8/7	4/4	
IV3IXN	1,406	33	19	SO-CW-LP	0/0	0/0	0/0	33/19	0/0	0/0	
IK2AIT/IV3	792	30	18	SO-CW-LP	0/0	0/0	0/0	22/10	6/6	2/2	
IZ2GMT	540	20	15	SO-CW-LP	0/0	0/0	0/0	9/7	10/7	1/1	
IK2IKW	372	17	12	SO-CW-LP	0/0	0/0	5/3	8/5	4/4	0/0	
IW1CBG	324	20	18	SO-CW-LP	5/5	8/6	7/7	0/0	0/0	0/0	
IU1HFK	192	15	12	SO-CW-LP	4/4	1/1	1/1	7/4	1/1	1/1	
IU3GNB	713,607	1,249	237	SOU-MIX-HP	20/20	186/46	236/54	654/66	129/35	24/16	
I2WIJ	542,385	794	255	SOU-MIX-HP	42/27	61/41	199/57	319/63	83/43	90/24	
I3VJW	260,685	624	135	SOU-MIX-HP	0/0	0/0	181/38	210/42	132/31	101/24	
IR2Q	209,442	671	134	SOU-MIX-LP	1/1	7/7	81/31	345/48	205/31	32/16	IK2PFL
IZ3NVR	169,623	596	141	SOU-MIX-LP	9/9	28/17	102/33	223/31	191/31	43/20	
IKØXBX	134,343	314	207	SOU-MIX-HP	43/30	49/34	70/49	74/46	55/33	23/15	
IN3EQD	35,244	183	99	SOU-MIX-HP	0/0	35/21	39/25	80/36	21/10	8/7	
IK2SAU	35,055	150	123	SOU-MIX-LP	0/0	33/31	57/39	30/27	22/19	8/7	
IK4OMU	23,322	180	69	SOU-MIX-LP	0/0	6/3	35/17	103/32	31/13	5/4	
IQ2XZ	19,096	184	56	SOU-MIX-HP	0/0	0/0	121/36	63/20	0/0	0/0	IW2ETR
IZ3XEF	13,629	82	59	SOU-MIX-LP	0/0	9/9	18/16	39/21	7/7	9/6	
IW1CHX	13,395	142	57	SOU-MIX-LP	0/0	0/0	0/0	41/25	35/16	66/16	
IK2RLS	1,612	33	26	SOU-MIX-LP	0/0	0/0	3/3	10/8	10/7	10/8	
IR4K	738,304	1,364	224	SOU-PH-HP	0/0	56/32	241/48	783/73	197/47	87/24	IZ4JUK
IK4LZH	585,984	1,113	224	SOU-PH-LP	0/0	51/28	133/43	710/73	163/49	56/31	
IR9Z	390,368	1,294	176	SOU-PH-HP	18/14	99/25	150/40	517/45	296/30	214/22	
IKØPHY	261,784	795	172	SOU-PH-HP	0/0	13/12	86/36	361/63	170/36	165/25	
IT9FRX	131,340	768	110	SOU-PH-LP	0/0	16/12	57/24	250/38	187/17	258/19	
IW2MXY	61,206	286	101	SOU-PH-LP	0/0	0/0	21/19	186/49	22/17	57/16	
IU3BTY	52,920	337	70	SOU-PH-HP	0/0	0/0	102/32	233/37	0/0	2/1	
IZ2SMQ	39,788	171	116	SOU-PH-HP	0/0	21/18	35/29	88/48	22/17	5/4	
IZØBVU	35,616	166	106	SOU-PH-HP	3/3	8/8	30/21	70/34	39/27	16/13	
IK7RVY	35,325	304	75	SOU-PH-LP	0/0	0/0	18/15	198/28	74/20	14/12	
IK5PWS	28,567	168	77	SOU-PH-HP	0/0	0/0	34/22	123/44	11/11	0/0	
IZ3VTH	14,520	97	88	SOU-PH-LP	0/0	19/18	16/16	29/25	22/18	11/11	
I3LTT	7,803	76	51	SOU-PH-LP	0/0	0/0	23/19	43/23	10/9	0/0	
IZØTWS	6,048	67	63	SOU-PH-LP	0/0	0/0	20/20	30/27	17/16	0/0	
IT9BYS	187	11	11	SOU-PH-LP	0/0	0/0	0/0	6/6	5/5	0/0	
IO2O	772,002	1,536	198	SOU-CW-HP	26/20	62/24	317/46	742/64	326/33	63/11	
IO3F	535,914	1,222	171	SOU-CW-HP	0/0	42/25	354/41	540/56	276/39	10/10	IZ3SQW
IZ1PKV	211,376	477	176	SOU-CW-HP	0/0	42/25	111/42	224/66	88/34	12/9	
IZ8EFD	189,222	585	141	SOU-CW-LP	0/0	0/0	121/44	391/65	22/14	51/18	
IK2XDE	186,813	520	153	SOU-CW-HP	0/0	52/25	163/39	233/56	49/23	23/10	

IV3FPX	168,480	529	160	SOU-CW-LP	25/18	59/29	164/36	178/34	83/29	20/14	
IK2GWH	129,336	434	136	SOU-CW-QRP	3/3	50/25	78/28	182/43	81/24	40/13	
IN3FHE	112,160	331	160	SOU-CW-LP	0/0	50/31	114/45	94/45	53/26	20/13	
IU1JCZ	107,019	585	99	SOU-CW-HP	0/0	62/16	258/34	235/37	30/12	0/0	
IK4DCX	99,216	424	117	SOU-CW-LP	27/17	38/13	10/10	172/39	87/22	90/16	
IU1LCU	71,820	293	108	SOU-CW-LP	0/0	33/23	90/37	170/48	0/0	0/0	
IW7DMH	65,535	347	85	SOU-CW-LP	0/0	0/0	0/0	130/32	97/31	120/22	
IO3A	58,576	247	112	SOU-CW-LP	0/0	16/15	62/30	89/28	58/28	22/11	IV3HAX
IZ2GRG	51,392	272	73	SOU-CW-HP	0/0	0/0	0/0	272/73	0/0	0/0	
IW3ILM	35,998	203	82	SOU-CW-QRP	0/0	10/8	63/25	100/29	24/14	6/6	
IK2EGL	35,695	290	59	SOU-CW-HP	19/13	19/6	99/13	128/15	15/7	10/5	
IK1YFE	29,986	136	94	SOU-CW-HP	0/0	23/22	17/14	48/28	36/21	12/9	
IT9ESW	14,076	98	69	SOU-CW-HP	0/0	5/5	24/19	54/32	10/8	5/5	
IW5EIJ	4,712	70	38	SOU-CW-LP	0/0	1/1	6/6	16/6	27/15	20/10	
IZØAIS	4,680	60	39	SOU-CW-HP	0/0	0/0	20/20	28/10	5/5	7/4	
IR4M	3,875,095	3,277	371	MSHP	39/31	183/53	493/76	1,745/101	572/69	245/41	I4EWH, IK3QAR, IK4DCW, IK4HVR, IK4MGP, IK4WMH, IW3FVZ, IZ4NIC,
IR4X	3,667,350	3,290	345	MSHP	34/32	120/51	529/71	2,001/96	501/64	105/31	I4VEQ, IK4VET, IK4ZGO, IT9RGY, IZ4JMA
IO9A	873,126	1,985	207	MSHP	0/0	29/25	187/54	1,122/68	468/41	179/19	IT9SSI, IT9UFP, IT9YVO
IQ3TR	67,488	320	96	MSHP	0/0	0/0	44/23	198/38	61/23	17/12	IU3FCR, IU3KPJ, IU3LYJ, IZ3KUZ
IQ9SY	1,512	40	28	MSHP	0/0	0/0	0/0	24/16	5/4	11/8	IT9NVA, IT9ZSB
Liechtenstein											
HBØ/DK3RED/P	638	25	22	SO-CW-QRP	0/0	14/13	0/0	6/4	3/3	2/2	
HBØ/PC5A	19,964	168	62	SOU-MIX-LP	9/6	56/7	44/14	40/20	13/9	6/6	
Macedonia											
Z35W	43,758	318	66	SO-MIX-LP	0/0	0/0	0/0	258/48	60/18	0/0	
Z39A	70,656	402	96	SOU-CW-LP	0/0	0/0	101/26	100/27	100/26	101/17	
Z35Y	57,753	362	81	SOU-CW-HP	0/0	0/0	83/27	181/31	98/23	0/0	
Z36W	7,920	219	20	SOU-CW-LP	0/0	0/0	0/0	0/0	0/0	219/20	
Montenegro											
4O6ZD	2,023	53	17	SOU-MIX-LP	0/0	0/0	0/0	0/0	0/0	53/17	
4O3A	898,367	1,450	229	SOU-CW-LP	21/19	58/31	321/52	714/68	299/41	37/18	E77W
Poland											
SP2XX	231,952	690	152	SO-MIX-HP	18/10	107/24	161/36	259/51	128/21	17/10	
SQ3WW	211,758	574	174	SO-MIX-LP	28/18	71/30	164/47	169/38	100/28	42/13	
SP2GMA	186,600	571	150	SO-MIX-LP	1/1	72/30	128/40	221/47	137/27	12/5	
SP4AAZ	102,024	350	117	SO-MIX-LP	0/0	31/19	58/25	168/40	65/19	28/14	
SP5ICS	76,986	320	117	SO-MIX-HP	0/0	35/23	64/28	141/40	54/17	26/9	
SP9SDR	58,464	242	116	SO-MIX-HP	17/13	45/24	58/31	83/30	32/13	7/5	
SN6A	46,284	233	84	SO-MIX-HP	0/0	11/10	47/19	137/39	22/10	16/6	SP6CES
SP2GCE	41,195	265	77	SO-MIX-LP	14/9	42/10	49/20	126/25	29/12	5/1	
SP5PDA	38,098	236	86	SO-MIX-QRP	10/8	42/19	66/24	109/29	5/4	4/2	SP5XSL
SN9M	30,544	205	83	SO-MIX-HP	2/1	50/20	75/31	78/31	0/0	0/0	SP9CLU
SQ5JUP	27,387	225	51	SO-MIX-HP	2/1	3/2	2/1	144/24	57/18	17/5	
SP3DIK	23,760	160	72	SO-MIX-HP	2/1	19/9	41/22	50/18	31/13	17/9	
SP6EIJ	22,538	147	59	SO-MIX-LP	0/0	0/0	0/0	87/30	55/25	5/4	
SQ6ELV	13,986	124	63	SO-MIX-LP	24/13	3/2	16/9	6/5	34/17	41/17	
SP7MTU	13,978	117	58	SO-MIX-LP	2/1	12/9	8/7	64/24	24/10	7/7	
SP6LMQ	13,452	114	59	SO-MIX-LP	2/1	10/9	17/12	54/20	20/11	11/6	
SP2CA	12,400	97	62	SO-MIX-HP	34/25	8/6	28/15	2/1	2/1	23/14	
SP6LUV	11,183	91	53	SO-MIX-LP	0/0	7/6	29/17	26/13	9/8	20/9	
SP3CYY	9,982	112	62	SO-MIX-HP	0/0	13/10	43/23	33/18	16/6	7/5	
SQ6ABC	9,831	142	29	SO-MIX-LP	0/0	0/0	0/0	142/29	0/0	0/0	LZ1ABC
SP4W	9,280	144	29	SO-MIX-HP	2/1	50/6	88/20	2/1	2/1	0/0	
SP7AWG	7,128	90	54	SO-MIX-LP	3/2	13/7	27/17	11/11	15/8	21/9	
SP7SEW	6,802	99	38	SO-MIX-LP	2/1	2/1	56/11	24/14	13/10	2/1	
SQ1WO	6,510	100	42	SO-MIX-LP	2/1	2/1	17/11	56/20	20/7	3/2	
SP9IHP	6,486	62	23	SO-MIX-LP	0/0	0/0	8/4	48/16	6/3	0/0	
SP6AEG	5,887	91	29	SO-MIX-HP	2/1	2/1	2/1	2/1	3/2	80/23	
SP9GKJ	5,184	69	32	SO-MIX-LP	2/1	2/1	21/11	25/12	16/5	3/2	
SQ9ZAX	4,401	55	27	SO-MIX-LP	13/10	2/1	6/5	30/9	2/1	2/1	
SP3FSM	4,170	57	30	SO-MIX-LP	0/0	0/0	0/0	43/20	13/9	1/1	
SP4GHL	3,531	52	33	SO-MIX-LP	0/0	2/1	13/11	20/12	15/7	2/2	
SP9BMH	2,812	55	37	SO-MIX-LP	0/0	14/14	41/23	0/0	0/0	0/0	
SP3IOE	2,425	43	25	SO-MIX-QRP	0/0	0/0	10/5	23/12	8/6	2/2	

SQ9JYK	2,415	36	23	SO-MIX-LP	2/1	2/1	2/1	21/13	4/3	5/4	
SP2GCJ	2,204	42	29	SO-MIX-LP	2/1	2/1	2/1	11/9	19/12	6/5	
SP9BNM	1,640	43	41	SO-MIX-LP	2/1	6/6	10/10	12/11	10/10	3/3	
SP2X	1,131	35	29	SO-MIX-LP	2/1	7/6	13/12	3/2	5/4	5/4	
SQ7FGT	966	35	21	SO-MIX-LP	2/1	14/8	19/12	0/0	0/0	0/0	
SP6HEQ	960	28	20	SO-MIX-HP	2/1	11/8	2/1	7/6	2/1	4/3	
SN86LOT	920	32	23	SO-MIX-LP	0/0	2/1	13/13	16/8	1/1	0/0	SP1JJY
SQ2JK	893	25	19	SO-MIX-LP	0/0	3/2	4/3	8/6	9/7	1/1	
SP3JIA	875	33	25	SO-MIX-HP	14/10	9/8	2/1	2/1	2/1	4/4	
SP9REP	858	30	13	SO-MIX-LP	2/1	2/1	2/1	20/8	2/1	2/1	
SP8JMA	588	22	12	SO-MIX-LP	1/1	2/1	2/1	15/8	2/1	0/0	
SP2FUD	560	24	14	SO-MIX-LP	2/1	2/1	2/1	7/5	9/5	2/1	
SP9EZE	522	26	18	SO-MIX-LP	2/1	12/9	5/4	3/2	2/1	2/1	
SN9MT	429	25	11	SO-MIX-QRP	0/0	24/10	0/0	1/1	0/0	0/0	
SP9HVV	403	22	13	SO-MIX-QRP	2/1	2/1	2/1	1/1	13/7	2/2	SP9G
SP6EF	345	21	15	SO-MIX-LP	4/3	3/2	4/3	4/3	3/2	3/2	
SN2RB	312	20	12	SO-MIX-HP	2/1	2/1	2/1	10/7	2/1	2/1	
SP3MKS	224	19	14	SO-MIX-HP	2/1	5/3	7/6	2/2	2/1	1/1	
SP9BGS	180	15	12	SO-MIX-LP	2/1	11/10	2/1	0/0	0/0	0/0	
SP3CMX	170	15	10	SO-MIX-HP	2/1	2/1	2/1	2/2	4/3	3/2	
SP7MFR	154	12	7	SO-MIX-LP	2/1	3/2	5/2	2/2	0/0	0/0	
SP7PFD	154	12	7	SO-MIX-LP	2/1	3/2	5/2	2/2	0/0	0/0	SP7MFY
SP5MBI	143	14	11	SO-MIX-LP	5/4	2/1	5/4	1/1	1/1	0/0	
SP9PT	128	14	8	SO-MIX-LP	2/1	2/1	2/1	3/2	2/1	3/2	
SP8PJL	96	9	8	SO-MIX-LP	0/0	2/1	1/1	2/2	3/3	1/1	
SP9FMP	84	12	7	SO-MIX-LP	2/1	2/1	2/1	2/1	1/1	3/2	
SN9CZ	72	12	6	SO-MIX-LP	2/1	2/1	2/1	2/1	2/1	2/1	
SP2EPV	72	12	6	SO-MIX-LP	2/1	2/1	2/1	2/1	2/1	2/1	
SP3GRE	72	12	6	SO-MIX-LP	2/1	2/1	2/1	2/1	2/1	2/1	
SP3KWA	72	12	6	SO-MIX-LP	2/1	2/1	2/1	2/1	2/1	2/1	
SP3SLU	72	12	6	SO-MIX-LP	2/1	2/1	2/1	2/1	2/1	2/1	
SP6ZC	72	12	6	SO-MIX-HP	2/1	2/1	2/1	2/1	2/1	2/1	
SP9A	72	12	6	SO-MIX-LP	2/1	2/1	2/1	2/1	2/1	2/1	SP9UMJ
SP9JBX	72	12	6	SO-MIX-HP	2/1	2/1	2/1	2/1	2/1	2/1	
SQ3GOK	72	12	6	SO-MIX-LP	2/1	2/1	2/1	2/1	2/1	2/1	
SQ3NMP	72	12	6	SO-MIX-LP	2/1	2/1	2/1	2/1	2/1	2/1	
SQ3TGO	72	12	6	SO-MIX-LP	2/1	2/1	2/1	2/1	2/1	2/1	
SQ9HHO	72	12	6	SO-MIX-LP	2/1	2/1	2/1	2/1	2/1	2/1	
SQ3AUA	66	11	6	SO-MIX-LP	2/1	1/1	2/1	2/1	2/1	2/1	
SQ8P	66	11	6	SO-MIX-LP	2/1	2/1	2/1	2/1	2/1	1/1	
SO5E	63	9	7	SO-MIX-LP	2/1	2/1	1/1	1/1	2/2	1/1	
SP8JUS	63	9	7	SO-MIX-LP	0/0	2/1	7/6	0/0	0/0	0/0	
SP7FGA	60	10	6	SO-MIX-LP	2/1	2/1	2/1	2/1	1/1	1/1	
SP2DDV	55	9	5	SO-MIX-LP	0/0	2/1	2/1	2/1	2/1	1/1	
SP9UJR	54	10	6	SO-MIX-LP	2/1	2/1	1/1	2/1	2/1	1/1	
SP3FYX	50	10	5	SO-MIX-LP	0/0	2/1	2/1	2/1	2/1	2/1	
SP7VVB	48	8	4	SO-MIX-LP	2/1	2/1	2/1	2/1	0/0	0/0	
SP9LDP	45	9	5	SO-MIX-LP	0/0	2/1	2/1	2/1	2/1	1/1	
SQ9HHC	45	9	5	SO-MIX-LP	0/0	2/1	2/1	2/1	2/1	1/1	
SQ9HYN	45	9	5	SO-MIX-LP	0/0	2/1	2/1	2/1	2/1	1/1	
SQ9ITB	45	9	5	SO-MIX-LP	0/0	2/1	2/1	2/1	2/1	1/1	
SQ9NKR	45	9	5	SO-MIX-LP	0/0	2/1	2/1	2/1	2/1	1/1	
SP6DXH	28	7	4	SO-MIX-LP	1/1	2/1	2/1	0/0	0/0	2/1	
SP7CXV	28	6	2	SO-MIX-LP	0/0	0/0	4/1	2/1	0/0	0/0	
SP7FGP	24	6	4	SO-MIX-LP	0/0	0/0	2/1	2/1	1/1	1/1	
SP1MVG	18	6	3	SO-MIX-LP	2/1	2/1	2/1	0/0	0/0	0/0	
SP9WZJ	12	4	3	SO-MIX-LP	2/1	1/1	0/0	1/1	0/0	0/0	
SP8PLM	9	3	3	SO-MIX-QRP	0/0	0/0	1/1	1/1	1/1	0/0	SQ8NYB
SP2MHC	0	0	0	SO-MIX-LP	0/0	0/0	0/0	0/0	0/0	0/0	
SP6INA	0	0	0	SO-MIX-LP	0/0	0/0	0/0	0/0	0/0	0/0	
SP2GTJ	-2	2	2	SO-MIX-LP	0/0	1/1	1/1	0/0	0/0	0/0	
SP7MC	478,264	1,139	191	SO-PH-HP	42/20	186/37	271/44	394/47	199/28	47/15	
SQ2WHH	145,235	454	155	SO-PH-LP	8/8	40/26	111/34	206/54	74/23	15/10	
SP4SHD	139,284	451	146	SO-PH-LP	0/0	58/27	126/42	200/47	53/21	14/9	
SQ2NNN	65,208	255	132	SO-PH-LP	17/17	41/28	31/23	117/37	40/19	9/8	
SQ1BHH	55,836	225	94	SO-PH-LP	0/0	0/0	45/28	137/45	32/14	11/7	
SO9W	49,914	249	94	SO-PH-LP	0/0	0/0	30/21	134/37	56/23	29/13	
SP9TKW	48,200	235	100	SO-PH-QRP	8/8	15/14	30/20	85/28	71/19	26/11	
SP4LVK	38,522	202	103	SO-PH-QRP	5/5	17/13	29/21	100/34	41/20	10/10	

SP5DRE	36,223	197	89	SO-PH-LP	0/0	16/10	32/20	101/35	39/17	9/7	
SP4CUF	32,967	212	81	SO-PH-LP	0/0	4/4	24/16	140/37	37/17	7/7	
SP2JMR	31,862	175	89	SO-PH-HP	5/5	13/11	25/19	90/33	26/13	16/8	
SQ6SGV	31,680	186	90	SO-PH-LP	4/4	23/15	38/22	84/27	28/14	9/8	
SP6VWX	27,300	172	75	SO-PH-LP	1/1	13/10	1/1	69/27	47/22	41/14	
SQ2EAN	26,508	161	94	SO-PH-LP	14/14	34/22	34/20	53/23	23/12	3/3	
SQ6R	26,435	172	85	SO-PH-HP	0/0	36/22	25/20	7/5	55/22	49/16	
SP2ALT	21,744	152	72	SO-PH-LP	3/3	4/4	8/8	79/28	45/18	13/11	
SP5GEO	19,824	133	84	SO-PH-LP	5/5	17/15	32/21	50/28	22/10	7/5	
SQ9GIW	19,251	151	69	SO-PH-HP	0/0	7/7	19/18	56/20	38/14	31/10	
SQ6UV	16,491	140	69	SO-PH-LP	0/0	9/9	24/17	74/28	21/9	12/6	
SQ6ELK	15,840	140	60	SO-PH-LP	0/0	2/2	20/17	77/24	30/10	11/7	
SP9RTL	15,696	118	72	SO-PH-LP	10/10	30/21	32/21	38/15	8/5	0/0	
SP2BUW	13,740	97	60	SO-PH-HP	0/0	6/6	1/1	68/37	19/13	3/3	
SP6TRH	12,972	101	69	SO-PH-LP	0/0	29/24	21/18	22/13	17/7	12/7	
SQ2HCK	12,629	117	73	SO-PH-LP	5/5	23/17	22/15	25/15	27/13	15/8	
SQ2MO	12,462	115	67	SO-PH-LP	0/0	32/21	26/22	39/16	18/8	0/0	
SQ8MXE	12,104	96	68	SO-PH-LP	1/1	15/14	24/21	24/16	5/3	27/13	
SP5ETS	11,454	100	69	SO-PH-LP	0/0	20/17	11/11	47/26	17/10	5/5	
SP8ALT	11,373	83	51	SO-PH-LP	0/0	0/0	2/2	42/26	34/20	5/3	
SQ5TF	11,178	83	54	SO-PH-LP	0/0	0/0	1/1	55/35	25/16	2/2	
SQ9PPT	10,721	101	71	SO-PH-LP	8/8	16/14	12/12	36/18	24/14	5/5	
SP8BOZ	10,017	96	53	SO-PH-LP	0/0	19/12	17/13	36/14	22/12	2/2	
SP2GDK	8,856	97	54	SO-PH-LP	0/0	12/12	12/11	48/20	24/10	1/1	
SP8EEX	8,470	85	55	SO-PH-LP	0/0	7/7	20/17	43/22	15/9	0/0	
SP5XXX	7,172	98	44	SO-PH-LP	1/1	1/1	41/21	55/21	0/0	0/0	
SQ8F	5,311	70	47	SO-PH-LP	0/0	4/4	24/15	36/22	6/6	0/0	
SP8MRD	4,992	60	48	SO-PH-LP	1/1	12/11	18/13	2/2	21/15	6/6	
SQ9DEO	4,416	53	46	SO-PH-LP	0/0	1/1	15/13	20/16	12/11	5/5	
SP8ONB	4,375	68	35	SO-PH-LP	0/0	0/0	68/35	0/0	0/0	0/0	
SP3LD	4,368	67	39	SO-PH-LP	6/6	4/4	5/5	44/18	7/5	1/1	
SQ8MXK	3,510	55	45	SO-PH-LP	0/0	0/0	22/19	13/12	13/8	7/6	
SP4TB	3,420	48	30	SO-PH-LP	0/0	0/0	24/16	23/13	1/1	0/0	
HF7ST	3,360	57	40	SO-PH-LP	3/3	14/11	12/8	21/12	5/4	2/2	
SP2GR	3,304	68	28	SO-PH-LP	0/0	0/0	0/0	68/28	0/0	0/0	
SP3FXC	2,730	46	42	SO-PH-LP	15/15	4/4	10/10	0/0	13/9	4/4	
SP9MQA	2,541	44	33	SO-PH-LP	1/1	3/3	19/16	15/9	4/2	2/2	
SP9TDA	2,160	46	36	SO-PH-LP	1/1	4/4	1/1	29/19	6/6	5/5	
SQ8A	2,106	43	26	SO-PH-LP	0/0	3/3	5/5	35/18	0/0	0/0	
SP2TQQ	1,856	43	32	SO-PH-LP	0/0	0/0	22/18	16/13	0/0	5/1	
SP3PW	1,785	58	17	SO-PH-LP	0/0	0/0	0/0	58/17	0/0	0/0	
SQ5EXM	1,680	28	16	SO-PH-HP	0/0	0/0	0/0	26/14	2/2	0/0	
SP8GK	1,593	36	27	SO-PH-LP	0/0	12/7	3/3	17/13	4/4	0/0	
SQ3MZ	1,295	37	37	SO-PH-LP	3/3	10/10	9/9	10/10	4/4	1/1	
SP1FPG	1,080	29	27	SO-PH-LP	0/0	0/0	29/27	0/0	0/0	0/0	
SO5MAX	1,000	30	25	SO-PH-LP	10/9	10/8	3/3	7/5	0/0	0/0	
SP2JBJ	897	35	23	SO-PH-LP	0/0	5/5	4/4	26/14	0/0	0/0	
SQ8SBZ	819	30	21	SO-PH-LP	0/0	30/21	0/0	0/0	0/0	0/0	
SQ7PSS	817	24	19	SO-PH-LP	0/0	9/8	0/0	13/9	0/0	2/2	
SQ8JLF	742	26	14	SO-PH-LP	0/0	3/3	2/2	20/8	1/1	0/0	
SP2ZCI	680	30	20	SO-PH-LP	0/0	6/6	0/0	24/14	0/0	0/0	SP2BMO
SP9CVQ	620	21	20	SO-PH-LP	3/3	6/6	3/3	9/8	0/0	0/0	
SQ1M	476	21	17	SO-PH-LP	0/0	21/17	0/0	0/0	0/0	0/0	
SQ8MFB	435	22	15	SO-PH-QRP	0/0	0/0	0/0	15/9	7/6	0/0	
SQ3DOM	140	9	7	SO-PH-QRP	0/0	0/0	0/0	9/7	0/0	0/0	
SQ8JMC	130	10	10	SO-PH-LP	0/0	1/1	2/2	2/2	4/4	1/1	
SQ9JXO	96	10	8	SO-PH-LP	0/0	10/8	0/0	0/0	0/0	0/0	
SN6P	36	6	6	SO-PH-LP	1/1	1/1	1/1	1/1	1/1	1/1	
SP8POP	30	7	5	SO-PH-LP	0/0	1/1	4/2	1/1	1/1	0/0	SP8MRD
SP8OOB	25	5	5	SO-PH-LP	1/1	1/1	1/1	1/1	1/1	0/0	
SQ5BIH	25	5	5	SO-PH-LP	0/0	1/1	1/1	1/1	1/1	1/1	
SP3JP	16	4	4	SO-PH-LP	0/0	1/1	1/1	0/0	1/1	1/1	
SP8BRE	16	4	4	SO-PH-LP	0/0	1/1	1/1	1/1	1/1	0/0	
SQ7NPA	16	4	4	SO-PH-HP	0/0	1/1	1/1	1/1	1/1	0/0	
SP6RTV	9	3	3	SO-PH-LP	1/1	1/1	1/1	0/0	0/0	0/0	
SQ9DXT	9	3	3	SO-PH-LP	0/0	1/1	1/1	0/0	0/0	1/1	
SQ6STD	6	3	3	SO-PH-LP	0/0	0/0	1/1	2/2	0/0	0/0	
SP2ATJ	4	2	2	SO-PH-LP	0/0	1/1	1/1	0/0	0/0	0/0	
SP3HUF	4	2	2	SO-PH-LP	0/0	1/1	1/1	0/0	0/0	0/0	

SP3PFQ	4	2	2	SO-PH-LP	0/0	1/1	1/1	0/0	0/0	0/0	SP3HUF
SP4KHM	4	2	2	SO-PH-LP	0/0	1/1	1/1	0/0	0/0	0/0	SP4EJZ
SP7G XK	1	1	1	SO-PH-LP	1/1	0/0	0/0	0/0	0/0	0/0	
SP6LZA	-5	1	1	SO-PH-LP	0/0	1/1	0/0	0/0	0/0	0/0	
SN8T	464,286	823	223	SO-CW-LP	20/16	186/33	155/52	232/60	180/48	50/14	SP8BVN
SP1D	380,016	765	182	SO-CW-LP	50/22	140/35	157/33	250/44	129/33	39/15	
SP1AEN	306,064	634	176	SO-CW-LP	30/23	132/33	184/54	195/39	86/24	7/3	
SN2N	188,256	475	159	SO-CW-HP	35/21	22/18	82/32	239/52	72/23	25/13	SP2FVN
SP9PKZ	177,192	567	138	SO-CW-LP	3/3	133/25	170/39	203/46	37/14	21/11	SP9ADU
SP9ENV	146,580	420	140	SO-CW-LP	14/8	66/26	100/38	164/41	56/18	20/9	
SN5F	136,456	637	74	SO-CW-LP	0/0	0/0	0/0	637/74	0/0	0/0	
SP5AUC	122,808	610	86	SO-CW-HP	56/12	52/8	169/19	225/29	70/11	38/7	
SP3VT	113,230	383	130	SO-CW-LP	0/0	57/21	101/33	192/51	25/19	8/6	
SP9R	91,826	416	98	SO-CW-LP	0/0	0/0	139/32	157/32	104/24	16/10	SP9BRP
SP9DLY	82,004	348	83	SO-CW-LP	0/0	0/0	0/0	218/45	105/28	25/10	
SP9KAG	71,500	302	110	SO-CW-LP	0/0	88/28	70/33	85/23	37/15	22/11	SP9CXN
SO1RON	69,750	343	90	SO-CW-LP	0/0	2/2	102/32	151/33	78/19	10/4	
SQ8IJZ	67,700	288	100	SO-CW-LP	0/0	57/22	106/36	102/30	21/10	2/2	
SP5LGT	48,672	371	52	SO-CW-LP	0/0	0/0	0/0	371/52	0/0	0/0	LA7MFA
SP9JPA	41,736	205	94	SO-CW-LP	0/0	11/10	50/26	116/40	14/9	14/9	
SP6AAT	32,390	290	41	SO-CW-LP	0/0	11/5	170/20	88/9	21/7	0/0	
SP3AMO	27,744	177	96	SO-CW-LP	23/19	7/7	51/25	58/22	14/9	24/14	
SP9EMI	27,720	152	84	SO-CW-HP	2/2	7/7	35/22	50/26	42/17	16/10	
SP7OGP	24,960	147	80	SO-CW-LP	0/0	30/23	30/21	47/22	39/13	1/1	
SP9IBJ	24,058	214	46	SO-CW-LP	0/0	0/0	0/0	214/46	0/0	0/0	
SO5WD	16,416	148	57	SO-CW-LP	0/0	26/8	53/19	41/19	22/8	6/3	
SP2HOU	15,015	160	33	SO-CW-LP	0/0	0/0	70/18	90/15	0/0	0/0	
SQ5IRH	14,996	154	46	SO-CW-LP	0/0	46/10	19/11	76/17	12/7	1/1	
SP2HMY	13,926	173	33	SO-CW-LP	0/0	0/0	0/0	173/33	0/0	0/0	
SP2BLC	13,616	142	37	SO-CW-LP	0/0	0/0	0/0	142/37	0/0	0/0	
SP3FPF	10,296	141	33	SO-CW-LP	0/0	0/0	0/0	0/0	141/33	0/0	
SP2HHX	5,325	78	25	SO-CW-LP	0/0	0/0	6/6	72/19	0/0	0/0	
SN4A	4,200	64	35	SO-CW-HP	0/0	0/0	16/12	28/14	3/3	17/6	SP2HHX
SP5ULV	3,720	53	24	SO-CW-LP	0/0	0/0	0/0	53/24	0/0	0/0	
SQ3MZU	1,560	47	20	SO-CW-LP	0/0	0/0	18/10	28/9	1/1	0/0	
SP9MDY	440	20	20	SO-CW-LP	1/1	1/1	1/1	6/6	4/4	7/7	
SQ5WWK	414	22	18	SO-CW-LP	0/0	5/5	17/13	0/0	0/0	0/0	
SP9ICU	240	18	10	SO-CW-LP	0/0	0/0	18/10	0/0	0/0	0/0	
SN15UE	168	12	12	SO-CW-LP	0/0	0/0	0/0	6/6	6/6	0/0	
SQ8LUV	144	12	12	SO-CW-LP	0/0	12/12	0/0	0/0	0/0	0/0	
SP5LXR	80	4	4	SO-CW-LP	0/0	0/0	2/2	0/0	1/1	1/1	
SP1EGN	-55	11	11	SO-CW-LP	0/0	0/0	9/9	2/2	0/0	0/0	
SO4M	1,716,534	1,935	282	SOU-MIX-HP	29/22	162/47	644/67	899/88	159/37	42/21	SP5UAF
SP9H	622,692	911	252	SOU-MIX-LP	32/22	129/44	190/46	343/74	150/45	67/21	
SP3PWL	226,047	632	151	SOU-MIX-HP	17/12	105/22	132/41	313/49	52/17	13/10	SQ3JPV
SQ3M	208,828	713	148	SOU-MIX-HP	6/6	86/26	274/36	285/54	35/15	27/11	
SP6FX Y	113,344	304	154	SOU-MIX-HP	0/0	7/6	70/48	136/59	52/24	39/17	
SP3HLM	68,849	263	121	SOU-MIX-HP	123/32	0/0	0/0	60/43	44/28	36/18	
SP8LBK	59,500	217	125	SOU-MIX-LP	27/17	46/27	49/30	69/33	20/13	6/5	
SQ7OXU	41,616	253	72	SOU-MIX-HP	2/1	8/7	119/20	100/36	5/4	19/4	
SP2MKI	33,040	200	59	SOU-MIX-LP	0/0	2/1	20/13	146/28	18/10	14/7	
SP2V	24,288	140	96	SOU-MIX-HP	15/15	27/22	33/25	54/26	10/7	1/1	
SP3MEP	22,230	153	65	SOU-MIX-LP	8/6	8/7	43/19	74/19	13/10	7/4	
SP3BBS	13,585	131	55	SOU-MIX-LP	2/1	4/3	25/15	77/22	18/9	5/5	
SP6MQO	13,068	100	54	SOU-MIX-LP	2/1	2/1	22/15	54/24	14/9	6/4	
SP3QDM	10,455	69	51	SOU-MIX-HP	11/10	7/5	7/6	24/14	14/12	6/4	
SP2WGB	6,700	84	50	SOU-MIX-LP	5/4	9/8	29/21	28/11	1/1	12/5	
SP5ELA	5,125	77	25	SOU-MIX-LP	2/1	8/3	54/14	1/1	1/1	11/5	
SP6CC	4,750	65	50	SOU-MIX-LP	4/3	15/11	18/17	19/12	5/4	4/3	
SP8HXN	4,305	63	35	SOU-MIX-HP	0/0	2/1	12/8	10/8	16/8	23/10	
SP5ES	3,828	58	29	SOU-MIX-LP	4/2	21/8	14/7	14/9	3/2	2/1	
SP9SMD	3,549	53	39	SOU-MIX-LP	2/1	5/4	19/19	24/13	2/1	1/1	
SQ9IWT	1,782	38	22	SOU-MIX-LP	2/1	2/1	12/7	11/7	8/4	3/2	
SP7TEX	1,564	40	23	SOU-MIX-LP	2/1	2/1	11/10	21/9	2/1	2/1	
SP3GTS	1,450	50	25	SOU-MIX-HP	0/0	0/0	50/25	0/0	0/0	0/0	
SO9U	819	26	21	SOU-MIX-LP	2/1	11/10	2/1	3/3	4/3	4/3	
SQ6LJV	700	20	14	SOU-MIX-HP	0/0	0/0	0/0	13/10	0/0	7/4	
SO5N	532	23	14	SOU-MIX-HP	2/1	2/1	2/1	4/3	2/1	11/7	SP5BMU
SP9OJM	260	20	13	SOU-MIX-LP	2/1	2/1	6/5	6/4	2/1	2/1	

SP3JDZ	220	14	10	SOU-MIX-LP	3/2	3/2	2/1	0/0	1/1	5/4	
SO7A	72	12	6	SOU-MIX-HP	2/1	2/1	2/1	2/1	2/1	2/1	SP7MOC
SP2FCR	72	12	6	SOU-MIX-HP	2/1	2/1	2/1	2/1	2/1	2/1	
SP2KCW	72	12	6	SOU-MIX-HP	2/1	2/1	2/1	2/1	2/1	2/1	
SP2PTU	72	12	6	SOU-MIX-HP	2/1	2/1	2/1	2/1	2/1	2/1	SQ2DMF
SP3CCR	72	12	6	SOU-MIX-HP	2/1	2/1	2/1	2/1	2/1	2/1	
SP3FHV	72	12	6	SOU-MIX-LP	2/1	2/1	2/1	2/1	2/1	2/1	
SP6IHE	72	12	6	SOU-MIX-LP	2/1	2/1	2/1	2/1	2/1	2/1	
SQ5LTL	72	12	6	SOU-MIX-HP	2/1	2/1	2/1	2/1	2/1	2/1	
SP8AJK	66	12	6	SOU-MIX-HP	2/1	2/1	2/1	2/1	2/1	2/1	
SP2GJV	60	11	6	SOU-MIX-HP	2/1	2/1	2/1	1/1	2/1	2/1	
SQ2DMU	60	11	6	SOU-MIX-HP	2/1	2/1	2/1	2/1	2/1	1/1	
SP1IVL	50	10	5	SOU-MIX-HP	2/1	2/1	2/1	2/1	0/0	2/1	
SP3LPR	50	10	5	SOU-MIX-HP	2/1	2/1	2/1	2/1	0/0	2/1	
SP2DKI	28	7	4	SOU-MIX-LP	2/1	2/1	0/0	0/0	1/1	2/1	
SP1GA	401,524	1,148	148	SOU-PH-HP	52/19	92/25	264/29	656/54	47/11	37/10	
SN8K	373,222	870	181	SOU-PH-HP	11/11	26/19	122/42	496/60	175/32	40/17	
SQ9HZM	272,792	738	172	SOU-PH-HP	12/12	30/22	237/38	363/61	67/24	29/15	
SP6DVP	142,494	470	127	SOU-PH-LP	0/0	0/0	165/42	180/53	103/21	22/11	
SP5GNI	123,409	389	143	SOU-PH-HP	0/0	29/20	63/29	185/52	74/25	38/17	
SO9I	70,956	360	108	SOU-PH-LP	0/0	63/19	79/30	175/34	33/15	10/10	SQ9ORQ
SN3R	54,516	282	77	SOU-PH-LP	0/0	0/0	71/28	211/49	0/0	0/0	SP1SR
SP9WPN	52,173	239	99	SOU-PH-LP	0/0	2/2	47/33	107/40	54/14	29/10	
SQ7OVT	39,390	189	101	SOU-PH-LP	0/0	35/23	34/23	85/32	23/13	12/10	
SP5GMM	32,398	167	97	SOU-PH-HP	1/1	7/7	46/32	57/30	23/14	33/13	
SP3AYA	24,525	165	75	SOU-PH-LP	0/0	25/18	39/24	99/31	0/0	2/2	
SP3QDX	12,075	97	75	SOU-PH-LP	1/1	13/12	21/19	38/25	9/8	15/10	
SN2L	2,754	52	51	SOU-PH-HP	0/0	18/18	22/22	12/11	0/0	0/0	
SQ4AVD	2,173	42	41	SOU-PH-LP	0/0	3/3	8/8	19/18	8/8	4/4	
SQ9NIU	2,146	38	37	SOU-PH-HP	1/1	17/17	1/1	15/14	3/3	1/1	
SP8TZ	854	19	14	SOU-PH-LP	0/0	1/1	1/1	16/11	1/1	0/0	
SQ5PMB	80	8	8	SOU-PH-LP	0/0	2/2	3/3	3/3	0/0	0/0	
SP2NNO	36	6	6	SOU-PH-HP	1/1	1/1	1/1	1/1	1/1	1/1	SQ9NIU
SN7Q	3,097,926	2,593	351	SOU-CW-HP	43/39	268/59	619/72	1,096/86	527/65	40/30	SP7GIQ
SP2LNW	1,376,261	1,299	313	SOU-CW-HP	86/37	182/53	329/69	497/81	155/51	50/22	
SN7O	1,302,234	1,568	289	SOU-CW-LP	110/36	237/51	511/57	509/78	152/47	49/20	SP7IVO
SP4JCC	1,063,132	1,182	301	SOU-CW-LP	40/30	225/49	308/71	460/81	118/47	31/23	
SP1NY	902,844	1,201	279	SOU-CW-HP	62/34	213/47	252/61	531/78	118/44	25/15	
SP3HRN	592,821	1,125	199	SOU-CW-LP	0/0	178/41	371/50	449/67	107/31	20/10	
SP3A	441,630	688	210	SOU-CW-HP	18/18	73/34	69/42	427/71	99/43	2/2	
SN1W	284,700	667	146	SOU-CW-HP	0/0	150/43	290/45	207/46	20/12	0/0	
SN5N	184,080	644	118	SOU-CW-HP	0/0	198/35	110/13	206/26	109/36	21/8	SP5KP
SQ8LUU	141,120	532	120	SOU-CW-HP	0/0	146/27	129/30	108/26	112/27	37/10	
SP5TT	110,780	298	145	SOU-CW-HP	32/22	32/18	80/43	103/38	35/16	16/8	
SP9MZH	48,285	220	87	SOU-CW-HP	0/0	0/0	69/25	90/29	39/19	22/14	
SP3DOF	34,207	203	79	SOU-CW-LP	0/0	61/20	31/17	104/36	4/4	3/2	
SP5I	1,649	29	17	SOU-CW-HP	0/0	0/0	1/1	11/8	11/4	6/4	
SP5AUY	798	19	14	SOU-CW-HP	0/0	0/0	0/0	0/0	19/14	0/0	
SP2HWW	688	20	16	SOU-CW-LP	0/0	0/0	0/0	20/16	0/0	0/0	
SO4R	1,056,025	1,649	265	MSHP	96/32	198/52	488/71	674/66	143/27	50/17	SP4G, SP4TKR, SP5C
SP2KPD	627,882	1,092	227	MSHP	42/23	144/35	230/44	463/71	160/37	53/17	SP2DKI, SP2IJ, SP2MKI, SP2MKT
SN7H	544,646	1,274	193	MSHP	49/22	255/41	347/41	542/60	55/19	26/10	SP3H, SP7LIE, SP7Q, SP7V, SQ7LRT
3Z1K	282,805	776	163	MSHP	9/7	68/22	227/43	328/56	74/18	70/17	SP1IVL, SP3LPR, SQ1WO
SN9H	68,655	322	115	MSHP	0/0	51/23	108/35	118/31	40/21	5/5	SO5AM, SP5XMI, SP6BEL, SP6MAR, SQ8LHI, SQ9NJE, SQ9SAT, SQ9WTF, SQ9ZAQ, SQ9ZBF
SN3P	33,582	184	87	MSHP	8/8	9/9	33/18	53/23	57/20	24/9	SP3QFZ, SP3YM
SP9KJU	20,790	147	99	MSHP	1/1	31/21	40/26	33/22	26/15	16/14	SP9-31048, SP9MDY
SP9ZCF	2,296	34	28	MSHP	3/2	5/4	9/8	10/8	6/5	1/1	SP9CVQ, SP9FMP
SP3ZHP	9	3	3	MSHP	1/1	0/0	0/0	0/0	1/1	1/1	SP3QDM, SQ3JPV
SP9YDX	4	2	2	MSHP	0/0	0/0	0/0	1/1	0/0	1/1	SP9QMP, SP9XCN
Romania											
YO7WC	539,550	1,142	218	SO-MIX-LP	61/25	120/34	152/42	422/59	216/33	171/25	
YO4AR	146,853	609	111	SO-MIX-HP	0/0	124/25	157/30	252/37	51/13	25/6	
YO3GNF	138,282	539	114	SO-MIX-HP	0/0	10/5	134/34	352/52	36/17	7/6	
YO4AAC	96,594	428	102	SO-MIX-LP	6/2	24/11	76/20	187/31	110/26	25/12	
YO8BDW	75,174	397	102	SO-MIX-LP	0/0	114/26	86/25	134/28	59/19	4/4	
YO9FYP	65,241	322	99	SO-MIX-LP	0/0	28/15	25/15	199/37	48/19	22/13	

YT1RK	130,074	495	114	SO-MIX-HP	1/1	31/21	48/22	389/53	25/16	1/1	
YU9DX	36,750	209	75	SO-MIX-LP	0/0	4/3	41/22	134/29	18/14	12/7	
YU5MAV	9,964	100	47	SO-MIX-LP	0/0	3/3	13/12	61/23	18/6	5/3	
YU7OM	24	4	4	SO-MIX-LP	0/0	2/2	0/0	2/2	0/0	0/0	
YT5LD	19,092	268	43	SO-PH-LP	0/0	0/0	59/14	209/29	0/0	0/0	
YU3MUP	7,440	95	40	SO-PH-LP	0/0	0/0	9/6	76/28	10/6	0/0	
YU2BPA	6,216	104	28	SO-PH-LP	0/0	0/0	0/0	104/28	0/0	0/0	
YU4PMS	1,620	45	27	SO-PH-LP	0/0	10/9	28/11	0/0	6/6	1/1	
YU3LAX	495	20	15	SO-PH-LP	1/1	4/3	8/5	7/6	0/0	0/0	
YT5YTT	84,768	442	96	SO-CW-QRP	0/0	130/28	102/25	188/33	21/9	1/1	
YU1ML	7,107	143	23	SO-CW-LP	0/0	14/4	46/7	83/12	0/0	0/0	
YU7WW	2,795	75	13	SO-CW-HP	0/0	0/0	0/0	75/13	0/0	0/0	
YU2A	602,756	1,106	209	SOU-MIX-LP	31/19	46/26	255/49	506/61	205/38	63/16	
YT9M	202,133	651	131	SOU-MIX-HP	0/0	16/12	65/24	238/37	247/38	85/20	
YU1ED	55,610	329	83	SOU-MIX-LP	5/5	116/14	51/17	88/24	48/16	21/7	
YT2ISM	45,806	577	37	SOU-MIX-HP	0/0	0/0	0/0	577/37	0/0	0/0	
YT3H	14,337	120	59	SOU-MIX-LP	3/3	11/6	10/9	75/26	9/6	12/9	
YU1RA	13,426	136	49	SOU-MIX-LP	0/0	3/3	31/12	24/8	35/11	43/15	
YT2U	8,632	93	52	SOU-MIX-LP	0/0	38/15	13/13	22/11	15/9	5/4	
YU8NU	84	10	7	SOU-MIX-LP	2/1	2/1	5/4	1/1	0/0	0/0	
YU5DR	81	11	9	SOU-MIX-LP	0/0	1/1	10/8	0/0	0/0	0/0	
YT5DLT	2,268	43	42	SOU-PH-LP	0/0	18/18	7/7	5/4	12/12	1/1	
YT6W	1,982,690	2,261	331	SOU-CW-HP	60/35	325/55	557/72	763/83	447/59	109/27	
YU7KW	405,202	773	206	SOU-CW-HP	55/24	134/34	299/59	221/51	34/23	30/15	
YU1YV	135,330	460	130	SOU-CW-LP	23/17	155/35	44/26	173/35	17/6	48/11	
YU1UO	122,380	323	145	SOU-CW-LP	1/1	39/26	89/42	103/39	61/25	30/12	
YU1LA	31,328	175	89	SOU-CW-LP	0/0	7/6	48/28	79/33	31/13	10/9	
YT5A	1,189,100	1,995	220	MSHP	13/13	36/26	593/58	919/65	375/42	59/16	YT3W, YT5AKI, YU1KX
YU7KMN	2,740	58	20	MSHP	2/2	0/0	0/0	51/15	5/3	0/0	YT3RAW, YU4JEC, YU5TEA, YU7TOD
Slovak Republic											
OM3BH	2,574,558	2,775	294	SO-MIX-HP	44/28	234/41	675/61	1,349/78	431/60	42/26	
OM3IAG	105,125	354	125	SO-MIX-LP	44/19	121/34	61/27	98/27	24/13	6/5	
OM7AT	16,060	155	55	SO-MIX-LP	0/0	48/14	40/20	64/20	3/1	0/0	
OM6AT	53,833	250	101	SO-PH-LP	2/2	31/21	29/16	133/38	25/13	30/11	
OM4KK	53,136	274	108	SO-PH-HP	3/3	42/22	60/25	122/33	30/13	17/12	
OM8ST	12,276	119	62	SO-PH-LP	0/0	11/11	36/21	64/26	5/2	3/2	
OM4MO	2,640	86	22	SO-PH-LP	0/0	86/22	0/0	0/0	0/0	0/0	
OM3KFF	2,360	35	20	SO-PH-HP	0/0	0/0	5/5	30/15	0/0	0/0	
OM1AJT	945	33	21	SO-PH-LP	4/4	29/17	0/0	0/0	0/0	0/0	
OMØWT	552	21	12	SO-PH-LP	0/0	0/0	0/0	18/11	3/1	0/0	
OM4WW	211,393	578	161	SO-CW-LP	55/25	67/25	112/35	235/51	95/20	14/5	
OM3R	37,114	183	77	SO-CW-LP	0/0	0/0	14/11	102/35	59/27	8/4	OM3CFR
OM5MX	30,628	157	76	SO-CW-LP	0/0	0/0	43/24	81/33	29/15	4/4	
OM3BA	22,204	161	61	SO-CW-LP	0/0	14/13	34/20	113/28	0/0	0/0	
OM7SR	20,658	154	66	SO-CW-LP	12/9	31/14	70/23	25/12	16/8	0/0	
OMØWR	16,849	270	29	SO-CW-HP	0/0	270/29	0/0	0/0	0/0	0/0	
OM4ANO	8,428	112	43	SO-CW-LP	0/0	3/3	39/15	52/18	15/5	3/2	
OM3CM	1,520	39	19	SO-CW-HP	0/0	0/0	0/0	0/0	0/0	39/19	
OMØATP	12,096	112	42	SOU-PH-LP	0/0	0/0	0/0	112/42	0/0	0/0	
OM8CW	1,395,936	2,071	222	SOU-CW-HP	78/25	181/26	538/46	708/59	455/45	111/21	
OM7LW	739,450	1,251	230	SOU-CW-LP	61/27	215/37	364/59	493/68	105/33	13/6	
OM7JG	402,017	662	227	SOU-CW-HP	0/0	86/45	95/44	273/71	140/47	68/20	
OM3CW	53,040	311	68	SOU-CW-HP	0/0	0/0	93/25	155/22	47/12	16/9	
OM3WZ	9,520	97	68	SOU-CW-QRP	8/8	26/17	27/19	21/13	11/7	4/4	
OM4Q	70,518	418	73	MSHP	0/0	0/0	25/16	278/27	41/12	74/18	OM4KW, OM6MW
Slovenia											
S53MM	2,304,469	2,816	283	SO-MIX-HP	54/24	291/42	469/56	1,330/73	566/61	106/27	
S57K	661,983	1,364	203	SO-MIX-LP	78/24	131/31	272/40	604/44	208/41	71/23	
S51DD	41,664	204	84	SO-PH-LP	0/0	8/7	24/16	144/43	22/12	6/6	
S57YK	4,982	68	47	SO-PH-LP	0/0	0/0	20/15	37/22	11/10	0/0	
S56AX	3,588	55	52	SO-PH-LP	0/0	17/17	11/11	23/20	1/1	3/3	
S56BL	9	3	3	SO-PH-LP	1/1	0/0	0/0	1/1	0/0	1/1	
S51J	906,780	1,621	210	SO-CW-HP	33/18	187/32	424/45	668/56	259/40	50/19	
S58Q	167,241	654	107	SO-CW-LP	0/0	156/25	249/37	249/45	0/0	0/0	
S53AR	100,625	374	125	SO-CW-QRP	30/17	95/31	88/31	113/24	43/18	5/4	
S57X	91,908	343	111	SO-CW-LP	0/0	73/24	131/38	126/39	6/5	7/5	
S55N	15,523	130	43	SO-CW-LP	1/1	1/1	1/1	111/28	16/12	0/0	

S53K	170,200	548	115	SOU-MIX-HP	0/0	40/20	21/12	347/39	99/28	41/16	
S53BB	40,104	294	72	SOU-MIX-LP	4/3	79/18	127/25	62/12	10/7	12/7	
S57S	30,996	215	54	SOU-MIX-HP	0/0	0/0	3/2	162/29	42/18	8/5	
S54X	7,714	105	38	SOU-MIX-LP	3/2	3/2	77/16	10/8	4/3	8/7	
S51DI	3,026	57	34	SOU-MIX-LP	4/3	4/3	4/2	19/11	19/11	7/4	
S52QM	91	13	7	SOU-MIX-HP	3/2	2/1	2/1	2/1	2/1	2/1	
S54ZZ	607,168	1,046	212	SOU-PH-HP	25/21	114/35	318/45	322/46	226/44	41/21	
S56B	183,840	828	120	SOU-PH-HP	0/0	116/21	328/33	244/33	78/21	62/12	
S57DX	1,714,508	2,108	284	SOU-CW-HP	22/18	314/51	546/67	815/76	306/46	105/26	
S53A	1,058,200	1,105	296	SOU-CW-LP	32/32	54/49	375/67	446/76	176/51	22/21	
S53V	412,264	730	232	SOU-CW-HP	27/26	29/28	204/50	310/64	109/42	51/22	
S52AU	269,906	547	182	SOU-CW-HP	10/10	27/17	109/39	260/58	102/37	39/21	
S59AA	249,796	513	197	SOU-CW-LP	36/26	81/29	60/37	186/53	119/39	31/13	
S56A	200,448	427	192	SOU-CW-LP	14/13	40/31	92/45	199/55	62/32	20/16	
S51R	88,176	401	88	SOU-CW-HP	0/0	0/0	144/31	175/34	56/15	26/8	
S51W	50,400	519	45	SOU-CW-LP	0/0	519/45	0/0	0/0	0/0	0/0	
S52C	272,048	972	112	MSHP	0/0	72/21	375/41	509/45	16/5	0/0	S51AC, S52P, S55Z
S51DX	78,964	514	76	MSHP	1/1	2/2	348/34	122/22	23/12	18/5	S51DX
Switzerland											
HB9ØTOC	86,569	509	83	SO-MIX-HP	0/0	24/12	229/28	212/29	44/14	0/0	
HB9ØGKM	4,418	67	47	SO-MIX-LP	0/0	6/6	14/11	27/14	13/10	7/6	HB9GKM
HB9EGA	59,964	268	114	SO-PH-QRP	0/0	21/18	44/22	140/39	45/22	18/13	
HB9TWU	32,752	207	92	SO-PH-LP	0/0	13/12	39/21	96/27	49/24	10/8	
HB9RUD	13,724	120	73	SO-PH-LP	0/0	9/9	32/22	35/16	21/12	23/14	
HB9MXY	5,612	73	46	SO-PH-LP	0/0	4/4	19/16	47/23	2/2	1/1	
HB9GXP	3,200	72	50	SO-PH-LP	0/0	5/5	26/17	25/15	7/6	9/7	
HB9RJG	3,016	53	29	SO-PH-LP	0/0	0/0	0/0	47/23	6/6	0/0	
HB9DXB/P	1,247	32	29	SO-PH-LP	0/0	0/0	12/12	0/0	16/13	4/4	
HB3YXD	975	33	25	SO-PH-LP	7/7	25/17	0/0	0/0	0/0	1/1	
HB9ARF	605,850	1,253	210	SO-CW-HP	35/21	196/35	276/40	459/51	228/44	59/19	
HB9AYZ	29,070	189	90	SO-CW-QRP	0/0	26/20	49/23	76/22	30/17	8/8	
HB9DD	24,839	224	59	SO-CW-LP	0/0	0/0	39/17	136/28	49/14	0/0	
HB9FXW	1,104	30	23	SO-CW-LP	0/0	2/2	9/9	16/9	3/3	0/0	
HB9IRF	580	23	20	SO-CW-LP	0/0	0/0	23/20	0/0	0/0	0/0	
HB9FBG	420	21	20	SO-CW-HP	0/0	0/0	21/20	0/0	0/0	0/0	
HB9EAR	9,338	130	46	SOU-MIX-LP	0/0	0/0	2/2	76/17	32/14	20/13	
HB9FEX	6,864	89	44	SOU-PH-HP	0/0	0/0	26/20	55/17	8/7	0/0	
HB9TIA	4,830	70	46	SOU-PH-LP	0/0	0/0	3/3	30/18	21/14	16/11	
HB9CPS	91,694	350	127	SOU-CW-LP	28/21	47/24	62/22	162/37	51/23	0/0	
HB9DHG	46,945	463	41	SOU-CW-HP	0/0	0/0	463/41	0/0	0/0	0/0	
HB2U	434,948	1,017	194	MSHP	20/15	108/24	139/41	546/59	138/33	66/22	HB9EXP, HB9EYP
HB9ZZ	84,474	340	117	MSHP	0/0	0/0	61/30	209/52	57/26	13/9	HB9EVC, HB9EXR, HB9FDQ, HB9GHL, HB9GWR, HB9ZZ
HB2C	60,334	359	97	MSHP	0/0	29/20	164/29	135/32	31/16	0/0	HB3YSI, HB3YUX, HB9ENM
Call	Score	QSOs	Mults	Category	160	80	40	20	15	10	Operator(s) and/or Host
Zone 29											
Azerbaijan											
4K9W	34,200	169	76	SO-CW-LP	0/0	10/7	12/9	68/25	63/27	16/8	
Belarus											
EU1A	1,821,435	2,200	285	SO-MIX-HP	53/27	136/41	616/65	899/73	419/53	77/26	
EW/R1AT	63,245	354	91	SO-MIX-LP	0/0	108/20	89/26	125/29	32/16	0/0	
EW1FM	29,312	168	64	SO-MIX-HP	0/0	0/0	33/19	125/37	10/8	0/0	
EU1LR	5,664	86	32	SO-MIX-LP	0/0	0/0	18/7	42/11	26/14	0/0	
EU3AA	2,184	46	21	SO-MIX-LP	0/0	0/0	0/0	5/4	40/16	1/1	
EW8Z	47,280	204	120	SO-PH-LP	12/12	33/25	54/31	72/33	33/19	0/0	
EW8OM	309,248	855	151	SO-CW-HP	0/0	218/36	244/38	299/41	79/25	15/11	
EW1TZ	235,092	559	156	SO-CW-HP	0/0	107/29	114/35	240/50	82/28	16/14	
EW3M	208,242	587	138	SO-CW-LP	0/0	70/24	202/41	265/49	41/18	9/6	
EW1TO	176,343	594	129	SO-CW-LP	22/10	136/22	175/32	154/34	99/26	8/5	
EU3A	171,732	461	132	SO-CW-LP	0/0	0/0	65/31	297/66	55/20	44/15	
EW2A	115,400	404	100	SO-CW-LP	0/0	0/0	61/16	274/49	61/28	8/7	
EU1FQ	102,564	314	111	SO-CW-LP	0/0	0/0	89/34	191/61	27/12	7/4	
EU4U	94,658	416	94	SO-CW-LP	0/0	11/8	105/27	262/46	38/13	0/0	
EU1AI	81,744	311	104	SO-CW-HP	0/0	43/19	100/30	141/40	25/13	2/2	
EU6O	69,960	298	88	SO-CW-LP	0/0	0/0	103/27	167/46	28/15	0/0	

EW2ES	67,529	368	77	SO-CW-LP	32/15	101/22	2/1	233/39	0/0	0/0	
EW8G	35,990	243	59	SO-CW-QRP	0/0	5/5	55/17	178/33	5/4	0/0	
EW6F	34,112	298	52	SO-CW-LP	5/5	79/10	100/14	106/17	5/3	3/3	EW6GF
EV6Z	18,130	180	35	SO-CW-LP	0/0	0/0	0/0	180/35	0/0	0/0	
EV1R	1,353,145	1,617	277	SOU-MIX-HP	7/7	29/29	501/76	876/93	170/56	34/16	
EW7BA	110,856	356	124	SOU-PH-LP	0/0	46/25	14/11	213/54	79/30	4/4	
EU8U	1,696,616	1,946	284	SOU-CW-HP	93/35	283/46	476/63	738/70	306/45	50/25	
EU1W	1,410,972	1,557	307	SOU-CW-HP	61/34	220/53	364/67	756/90	138/49	18/14	
EW8DX	1,003,884	1,549	238	SOU-CW-HP	105/27	316/41	490/66	541/61	78/28	19/15	
EU8F	144,329	608	101	SOU-CW-QRP	0/0	233/31	268/36	92/23	15/11	0/0	
EW8C	105,848	395	101	SOU-CW-LP	0/0	44/18	172/39	179/44	0/0	0/0	
EU6RO	52,318	319	74	SOU-CW-LP	0/0	224/35	86/31	9/8	0/0	0/0	
Estonia											
ES5RR	3,245,047	3,556	299	SO-MIX-HP	137/28	336/45	952/70	1,426/75	555/53	150/28	ES2RR
ES7A	714,812	1,478	196	SO-MIX-LP	75/23	151/27	416/43	516/51	245/32	75/20	YL3JA
ES6RW	664,196	1,015	241	SO-PH-LP	30/20	70/33	178/53	519/68	180/43	38/24	
ES1ACS	18,980	119	65	SO-PH-LP	0/0	0/0	42/23	63/32	12/8	2/2	
ESØIA	16,425	118	75	SO-PH-HP	0/0	27/19	34/24	40/22	15/8	2/2	
ES2MC	1,166,954	1,837	218	SO-CW-HP	63/20	229/27	481/49	652/63	337/43	75/16	
ES4MM	28,449	157	87	SO-CW-LP	0/0	45/25	55/26	28/16	23/14	6/6	
European Russia											
RW7K	3,912,399	3,790	339	SO-MIX-HP	101/29	217/51	765/75	1,723/84	719/67	265/33	
R2AA	3,700,762	3,654	338	SO-MIX-HP	141/36	358/52	720/60	1,450/87	790/71	195/32	
RA3Y	1,286,528	1,449	304	SO-MIX-HP	61/27	200/48	314/77	664/79	173/52	37/21	
UA4FER	962,795	1,651	235	SO-MIX-LP	62/20	258/37	233/46	775/66	269/44	54/22	
RK3T	788,436	1,602	181	SO-MIX-HP	0/0	225/34	230/44	807/57	259/33	81/13	RA9P
R1DX	468,700	771	215	SO-MIX-LP	0/0	6/4	141/54	414/78	153/54	57/25	
RM7C	326,462	868	151	SO-MIX-LP	10/8	107/22	174/39	492/43	54/21	31/18	
RU3TJ	199,500	766	105	SO-MIX-LP	0/0	0/0	453/55	313/50	0/0	0/0	
RN4SC	130,032	454	126	SO-MIX-LP	0/0	61/20	119/34	201/42	67/24	6/6	
R3AQ	123,921	337	147	SO-MIX-LP	3/3	30/17	27/21	215/67	51/29	11/10	
RM3F	97,984	559	64	SO-MIX-LP	0/0	0/0	0/0	519/48	39/15	1/1	UA3DPX
RK3Y	82,110	318	119	SO-MIX-LP	0/0	18/16	63/27	164/41	58/25	15/10	
RV3YR	64,860	493	46	SO-MIX-LP	0/0	0/0	0/0	493/46	0/0	0/0	
R5AK	64,620	274	90	SO-MIX-HP	0/0	0/0	30/16	195/48	40/19	9/7	
R3KQ	58,239	325	81	SO-MIX-LP	13/7	75/19	2/2	148/35	87/18	0/0	
R4GM	57,622	380	47	SO-MIX-HP	0/0	0/0	0/0	379/46	1/1	0/0	
R3PIQ	51,377	250	83	SO-MIX-LP	0/0	25/9	97/28	100/28	25/15	3/3	
RN7A	48,180	265	73	SO-MIX-LP	0/0	1/1	6/2	171/34	50/19	37/17	
RQ4C	41,040	298	60	SO-MIX-HP	0/0	18/4	60/15	209/33	11/8	0/0	
RA7A	40,095	267	81	SO-MIX-LP	1/1	3/3	6/5	141/33	73/22	43/17	
UA6HLN	31,781	212	61	SO-MIX-LP	0/0	0/0	121/34	91/27	0/0	0/0	
UA4HTT	28,260	223	45	SO-MIX-HP	0/0	0/0	6/6	197/32	20/7	0/0	
RU4AA	22,052	270	37	SO-MIX-HP	0/0	270/37	0/0	0/0	0/0	0/0	
R3LC	15,030	143	45	SO-MIX-LP	0/0	0/0	0/0	126/34	0/0	17/11	
RV3IG	10,604	130	44	SO-MIX-LP	43/15	0/0	40/13	0/0	47/16	0/0	
R4NX	5,655	96	29	SO-MIX-LP	0/0	0/0	96/29	0/0	0/0	0/0	
RA4L	5,278	102	26	SO-MIX-LP	0/0	0/0	0/0	102/26	0/0	0/0	
R2VM	4,560	52	30	SO-MIX-LP	0/0	0/0	9/6	31/17	12/7	0/0	
UA4NC	4,384	69	32	SO-MIX-HP	0/0	0/0	15/7	37/19	17/6	0/0	
RM1F	3,776	60	32	SO-MIX-LP	0/0	0/0	39/20	21/12	0/0	0/0	
R5FZ	3,104	44	32	SO-MIX-LP	0/0	0/0	11/10	33/22	0/0	0/0	
RA3VE	1,800	40	20	SO-MIX-LP	0/0	0/0	0/0	33/13	6/6	1/1	
RW3DIA	1,800	32	25	SO-MIX-LP	0/0	0/0	0/0	32/25	0/0	0/0	
R3VR	1,785	37	21	SO-MIX-LP	0/0	0/0	0/0	34/18	3/3	0/0	RV3VR
RC3C	18	4	3	SO-MIX-LP	0/0	0/0	0/0	3/2	0/0	1/1	
UA3BL	263,520	587	183	SO-PH-LP	17/13	71/29	145/46	244/54	83/27	27/14	
R2AD	253,521	616	153	SO-PH-HP	0/0	27/19	99/40	389/48	82/31	19/15	
RC7KY	240,240	598	168	SO-PH-LP	16/13	62/29	136/40	290/52	73/22	21/12	
R3GZ	199,368	512	156	SO-PH-HP	14/11	7/5	114/36	228/54	128/32	21/18	
RK7X	194,814	615	137	SO-PH-HP	13/12	37/23	228/38	286/46	51/18	0/0	
RW1CW	82,200	326	100	SO-PH-HP	0/0	1/1	25/22	247/43	45/26	8/8	
R3DL	71,280	280	110	SO-PH-HP	0/0	10/10	34/24	151/37	66/26	19/13	
UA6LN	68,985	227	135	SO-PH-LP	0/0	24/20	36/28	94/46	56/25	17/16	
UA6ART	52,200	344	60	SO-PH-HP	0/0	0/0	0/0	228/31	61/18	55/11	
RA3OA	48,645	387	47	SO-PH-HP	0/0	0/0	0/0	289/27	77/15	21/5	
RA3DAD	47,355	207	105	SO-PH-LP	0/0	14/13	27/23	132/43	25/17	9/9	

UA3OQ	35,802	192	102	SO-PH-QRP	3/3	26/20	52/28	92/36	0/0	19/15	
RW3DU	29,640	166	76	SO-PH-HP	0/0	3/3	23/22	116/36	20/11	4/4	
R2GB	29,154	170	86	SO-PH-HP	1/1	12/8	20/14	100/40	28/14	9/9	
UA4SJO	20,288	148	64	SO-PH-LP	0/0	4/3	45/22	87/31	11/7	1/1	
R6DBT	20,097	154	63	SO-PH-LP	0/0	0/0	59/22	71/30	24/11	0/0	
UA3YCZ	16,910	119	89	SO-PH-LP	10/10	13/13	28/22	51/30	17/14	0/0	
RA6LIS	11,648	90	56	SO-PH-LP	0/0	0/0	20/16	49/26	19/12	2/2	
RA3DQP	9,996	104	42	SO-PH-LP	0/0	0/0	2/2	82/29	16/7	4/4	
UA4ASE/6	7,654	85	43	SO-PH-QRP	0/0	0/0	0/0	65/27	18/14	2/2	
R3WZ	6,552	72	56	SO-PH-LP	0/0	0/0	12/11	34/23	19/16	7/6	
R2EL	4,420	69	34	SO-PH-LP	0/0	0/0	3/3	60/25	6/6	0/0	
RN4ACX	4,085	53	43	SO-PH-LP	0/0	10/8	3/3	18/14	16/13	6/5	
R3DCB	3,240	47	36	SO-PH-LP	0/0	0/0	4/4	27/21	14/9	2/2	
R2SAG	1,127	35	23	SO-PH-LP	1/1	10/5	23/16	1/1	0/0	0/0	
RZ3DOT	810	18	15	SO-PH-LP	0/0	0/0	4/4	8/5	2/2	4/4	
R2DA	2,115,012	2,052	337	SO-CW-HP	91/28	265/54	418/73	856/93	328/59	94/30	
R3XA	1,279,938	1,680	258	SO-CW-HP	85/28	238/43	266/54	773/67	285/52	33/14	
UA5F	832,656	1,282	249	SO-CW-LP	60/27	197/40	300/55	529/72	151/40	45/15	
RM6Y	456,576	1,005	192	SO-CW-HP	17/14	146/28	192/41	434/58	167/37	49/14	
UA3ABJ	309,272	820	134	SO-CW-LP	2/2	32/13	94/28	533/51	133/29	26/11	
UA3EDQ	298,452	585	187	SO-CW-HP	55/28	99/27	51/20	211/50	121/44	48/18	
RJ7M	239,436	594	162	SO-CW-LP	1/1	24/17	180/41	200/45	124/32	65/26	
RW3X	237,523	627	151	SO-CW-LP	86/19	76/16	97/31	232/44	98/29	38/12	
RA3UT	216,568	430	184	SO-CW-LP	0/0	0/0	107/57	191/75	107/38	25/14	
UA6HFI	202,852	523	166	SO-CW-LP	21/15	80/24	102/30	163/38	109/38	48/21	
R5FI	198,056	532	152	SO-CW-HP	24/12	69/33	153/40	248/46	25/14	13/7	
RV3ZN	196,500	479	150	SO-CW-LP	1/1	28/21	54/32	267/56	122/33	7/7	
RW5CW	196,350	499	150	SO-CW-LP	0/0	125/32	155/43	164/44	43/21	12/10	
R4BZ	190,179	563	113	SO-CW-HP	0/0	0/0	33/13	436/57	82/32	12/11	
R5PW	189,420	562	132	SO-CW-QRP	0/0	90/27	122/30	269/44	58/22	23/9	
R7RC	182,182	410	182	SO-CW-LP	28/19	108/35	100/40	109/44	50/30	15/14	
RV7C	173,180	530	140	SO-CW-HP	15/11	41/15	133/35	246/50	79/20	16/9	
R4OF	172,720	526	136	SO-CW-LP	0/0	50/18	126/36	285/52	61/27	4/3	
R7KX	150,306	442	141	SO-CW-LP	16/14	61/22	85/33	172/35	66/24	42/13	
RT3U	142,128	337	144	SO-CW-LP	0/0	0/0	82/35	169/66	55/29	31/14	
R2DS	129,482	470	101	SO-CW-LP	0/0	0/0	130/40	290/44	50/17	0/0	
RW3YA	128,738	432	118	SO-CW-HP	0/0	56/22	55/27	244/40	70/25	7/4	
RV3PN	124,560	327	144	SO-CW-LP	0/0	48/28	121/37	104/50	53/28	1/1	
R7MT	117,120	404	122	SO-CW-LP	12/6	34/16	90/29	188/38	64/24	16/9	
R3OR	111,980	419	110	SO-CW-LP	0/0	66/20	109/29	129/25	104/27	11/9	
R2HM	111,757	369	113	SO-CW-LP	0/0	0/0	25/20	248/56	82/28	14/9	
UA3KW	106,925	533	65	SO-CW-HP	0/0	0/0	0/0	533/65	0/0	0/0	
R5FQ	95,680	352	104	SO-CW-LP	0/0	1/1	148/40	182/46	20/16	1/1	
R3YC	90,816	304	132	SO-CW-HP	0/0	46/26	68/32	149/49	33/18	8/7	
R2PU	90,596	321	116	SO-CW-LP	7/6	56/23	77/31	115/30	56/19	10/7	
RA7R	90,436	396	92	SO-CW-LP	0/0	0/0	38/15	258/46	97/29	3/2	
RU5X	74,445	278	105	SO-CW-LP	0/0	26/11	46/16	133/40	57/28	16/10	
UA6YH	72,792	254	108	SO-CW-LP	0/0	0/0	0/0	123/49	103/42	28/17	
RK7F	72,412	316	86	SO-CW-HP	0/0	0/0	138/36	178/50	0/0	0/0	
RA3VX	72,100	220	140	SO-CW-LP	32/15	32/30	38/28	86/45	28/18	4/4	
RQ4D	66,038	336	89	SO-CW-HP	20/12	26/7	137/25	106/24	34/15	13/6	
UA3YDI	64,944	299	99	SO-CW-LP	15/9	35/18	116/30	116/33	17/9	0/0	
RW3AI	64,660	252	106	SO-CW-QRP	7/5	35/14	51/25	96/32	52/21	11/9	
RM3V	63,270	270	90	SO-CW-LP	0/0	0/0	129/33	113/39	24/14	4/4	RW3VA
RU3WR	57,200	307	88	SO-CW-LP	0/0	51/17	90/19	109/31	49/15	8/6	
UA3YFL	53,805	256	85	SO-CW-LP	0/0	17/9	43/19	138/36	55/19	3/2	
UA4PAQ	50,439	294	69	SO-CW-HP	0/0	0/0	162/34	132/35	0/0	0/0	
RW1M	50,312	246	76	SO-CW-HP	0/0	0/0	91/32	155/44	0/0	0/0	
R6CO	49,980	285	70	SO-CW-LP	2/2	0/0	61/15	184/36	23/9	15/8	
RM2T	48,412	263	76	SO-CW-LP	0/0	0/0	61/19	152/36	39/15	11/6	
R1QE	46,200	257	88	SO-CW-LP	26/15	78/17	63/23	85/29	4/3	1/1	
R6KY	42,240	215	88	SO-CW-LP	0/0	58/25	42/19	82/27	30/14	3/3	
RN6A	41,106	228	78	SO-CW-LP	0/0	0/0	10/8	139/34	51/21	28/15	
R7TW	40,180	256	70	SO-CW-LP	0/0	0/0	72/16	142/28	29/16	13/10	
R4ACY	39,900	194	70	SO-CW-HP	0/0	0/0	2/2	136/41	45/19	11/8	
RT4O	39,330	311	57	SO-CW-HP	0/0	0/0	0/0	243/28	51/18	17/11	UA4NCE
RL3DD	36,192	173	78	SO-CW-QRP	0/0	0/0	22/17	108/39	37/16	6/6	
RX3VF	35,739	171	99	SO-CW-LP	6/4	28/21	81/37	38/21	12/10	6/6	
UA6ARR	35,062	283	47	SO-CW-LP	0/0	0/0	0/0	283/47	0/0	0/0	

UA3R	31,892	201	67	SO-CW-LP	0/0	0/0	142/35	21/12	23/13	15/7	UA3RC
RN4AO	30,000	272	48	SO-CW-LP	0/0	81/14	35/12	101/12	52/8	3/2	
UA10M	29,014	168	89	SO-CW-LP	84/26	15/12	33/22	23/18	9/7	4/4	
RN3DKE	28,350	172	63	SO-CW-LP	0/0	18/12	0/0	133/37	16/10	5/4	
R7KU	28,248	177	66	SO-CW-LP	0/0	0/0	8/8	113/30	42/16	14/12	
R3LB	27,956	161	58	SO-CW-HP	0/0	7/6	70/21	84/31	0/0	0/0	
UA6AK	27,348	249	53	SO-CW-LP	0/0	0/0	36/8	20/7	20/11	173/27	
R2AP	24,048	192	48	SO-CW-LP	0/0	0/0	0/0	192/48	0/0	0/0	
RD4FD	22,134	152	62	SO-CW-LP	0/0	26/9	57/21	66/29	3/3	0/0	
UA4FDL	19,448	155	52	SO-CW-LP	0/0	0/0	12/6	87/25	44/13	12/8	
RV3DBK	18,872	172	56	SO-CW-QRP	0/0	0/0	91/23	65/22	15/10	1/1	
RQ6A	18,703	117	59	SO-CW-LP	0/0	0/0	30/15	65/25	17/14	5/5	
RK3DK	18,338	150	53	SO-CW-HP	0/0	28/10	47/13	52/18	11/7	12/5	
RU6MO	17,632	176	38	SO-CW-HP	0/0	0/0	0/0	0/0	115/26	61/12	
UA3PP	16,371	159	51	SO-CW-QRP	0/0	21/8	54/19	83/23	1/1	0/0	
RN1AO	14,895	116	45	SO-CW-LP	0/0	0/0	1/1	106/38	7/4	2/2	
UA4CIF	14,637	126	51	SO-CW-LP	0/0	25/11	0/0	89/33	11/6	1/1	
R3XAI	13,446	106	54	SO-CW-LP	0/0	0/0	27/17	64/27	11/7	4/3	
RN3AOE	11,500	97	50	SO-CW-LP	0/0	0/0	0/0	55/23	27/16	15/11	
UA4QK	11,424	112	42	SO-CW-LP	0/0	0/0	65/21	47/21	0/0	0/0	
RA3YDA	9,295	84	55	SO-CW-LP	0/0	0/0	7/7	20/19	38/18	19/11	
UA3GDU	8,580	97	44	SO-CW-QRP	0/0	0/0	40/20	22/9	27/10	8/5	
UD9P/4	8,352	100	36	SO-CW-LP	0/0	0/0	0/0	47/15	48/17	5/4	
RU3MS	8,320	90	32	SO-CW-LP	0/0	0/0	1/1	89/31	0/0	0/0	
UA3DCE	7,755	63	47	SO-CW-LP	2/2	0/0	0/0	39/24	17/16	5/5	
R3NAN	7,595	90	31	SO-CW-LP	0/0	0/0	15/10	75/21	0/0	0/0	
R3XM	5,771	66	29	SO-CW-LP	0/0	0/0	0/0	66/29	0/0	0/0	
UA1D	5,643	66	33	SO-CW-LP	0/0	0/0	4/4	47/18	12/8	3/3	
RV1CC	3,014	49	22	SO-CW-HP	0/0	0/0	0/0	49/22	0/0	0/0	
UA3DSN	2,880	36	30	SO-CW-HP	0/0	0/0	9/8	27/22	0/0	0/0	
RZ4AZ	2,720	70	20	SO-CW-QRP	0/0	0/0	0/0	67/17	3/3	0/0	
UA6KAC	2,320	55	20	SO-CW-QRP	0/0	0/0	0/0	55/20	0/0	0/0	
RN1CW	2,314	39	26	SO-CW-QRP	0/0	0/0	4/4	29/17	6/5	0/0	
RV6LN	2,266	38	22	SO-CW-LP	0/0	0/0	0/0	26/14	0/0	12/8	
R5AU	1,968	29	16	SO-CW-LP	0/0	0/0	0/0	18/9	11/7	0/0	
RQ7R	1,800	44	20	SO-CW-QRP	0/0	0/0	0/0	0/0	0/0	44/20	
R7RAG	1,615	45	19	SO-CW-QRP	0/0	0/0	45/19	0/0	0/0	0/0	
RA3TYL	1,274	39	14	SO-CW-LP	0/0	0/0	0/0	39/14	0/0	0/0	
UB5MBA	1,260	33	20	SO-CW-LP	0/0	2/2	7/4	2/1	19/10	3/3	
RC7B	1,178	22	19	SO-CW-HP	0/0	0/0	0/0	0/0	22/19	0/0	
UA1AUW	315	17	9	SO-CW-LP	0/0	0/0	0/0	13/7	4/2	0/0	
RG5A	85	5	5	SO-CW-LP	0/0	0/0	0/0	5/5	0/0	0/0	
RU7A	16	4	4	SO-CW-LP	0/0	0/0	1/1	1/1	1/1	1/1	
RA6CA	1,711,640	2,239	280	SOU-MIX-HP	63/27	118/36	417/57	906/72	478/57	257/31	
RL6M	1,019,165	1,491	259	SOU-MIX-LP	97/33	223/40	353/54	545/71	221/36	52/25	
RM2U	1,001,784	1,255	267	SOU-MIX-HP	85/27	146/42	331/67	559/76	92/37	42/18	RU3UR
RL4F	810,084	1,456	204	SOU-MIX-HP	13/8	75/20	334/57	707/69	288/36	39/14	
RK4FD	652,650	1,020	229	SOU-MIX-HP	70/32	115/45	330/60	428/61	33/16	44/15	
RC6U	626,612	1,304	196	SOU-MIX-HP	0/0	20/18	348/45	459/60	363/49	114/24	
RK2M	157,878	457	147	SOU-MIX-LP	13/11	53/26	114/31	206/49	63/25	8/5	
RA4Y	131,580	442	129	SOU-MIX-LP	0/0	66/28	126/39	181/39	36/12	33/11	
RU5A	94,446	343	106	SOU-MIX-HP	0/0	0/0	161/49	135/36	47/21	0/0	
R5AJ	89,760	478	68	SOU-MIX-LP	0/0	78/13	40/18	359/36	1/1	0/0	
RM4K	75,563	295	97	SOU-MIX-LP	0/0	0/0	0/0	218/60	69/31	8/6	R4IT
RL3AW	41,340	251	60	SOU-MIX-LP	0/0	0/0	0/0	251/60	0/0	0/0	
RU5TT	38,808	211	63	SOU-MIX-HP	0/0	0/0	0/0	191/52	12/7	8/4	UA3TW
R7MU	36,352	183	71	SOU-MIX-LP	7/4	17/6	11/7	97/30	38/18	13/6	
RT3T	26,622	107	102	SOU-MIX-LP	20/19	21/20	31/30	20/19	12/11	3/3	
RA3FY	22,968	184	44	SOU-MIX-LP	0/0	0/0	0/0	184/44	0/0	0/0	
R2AB	19,546	126	58	SOU-MIX-HP	0/0	0/0	0/0	98/37	13/9	15/12	
RC7A	16,836	143	46	SOU-MIX-HP	0/0	1/1	2/1	71/20	32/13	37/11	
RL3F	15,750	168	35	SOU-MIX-LP	0/0	0/0	0/0	155/28	12/6	1/1	
R3DCX	15,717	167	39	SOU-MIX-LP	0/0	0/0	13/9	154/30	0/0	0/0	
R2AOQ	2,046	25	22	SOU-MIX-HP	0/0	1/1	13/10	7/7	4/4	0/0	
RC3FL	435	20	15	SOU-MIX-LP	8/5	0/0	12/10	0/0	0/0	0/0	
R3AW	4	2	2	SOU-MIX-HP	0/0	0/0	0/0	0/0	2/2	0/0	
RT2C	1,052,694	1,627	233	SOU-PH-HP	21/15	203/34	362/58	822/71	170/35	49/20	RV3FF
RW3XZ	618,186	1,154	197	SOU-PH-HP	0/0	29/25	168/41	728/68	152/34	77/29	
RZ3Z	251,868	652	151	SOU-PH-LP	0/0	39/25	77/31	386/48	112/27	38/20	

RM3DA	55,566	272	81	SOU-PH-HP	6/6	0/0	173/36	73/25	20/14	0/0	
UA6YN	43,656	210	107	SOU-PH-LP	0/0	33/23	54/27	86/35	32/18	5/4	
R3AAA	38,584	189	91	SOU-PH-LP	1/1	5/5	33/21	112/40	28/16	10/8	
RZ2D	14,529	101	87	SOU-PH-HP	0/0	1/1	19/17	45/35	29/27	7/7	UA3BZ
RL5A	1,811,244	2,154	298	SOU-CW-HP	112/33	244/45	392/66	863/78	406/49	137/27	
RU6K	1,470,574	1,661	322	SOU-CW-LP	63/34	177/51	382/71	530/79	364/58	145/29	
R7MM	1,031,955	1,354	267	SOU-CW-LP	37/24	121/35	302/57	570/76	240/51	84/24	
UB3A	1,010,772	1,213	294	SOU-CW-HP	103/32	149/46	279/70	440/78	195/51	47/17	
UA6CC	954,720	1,256	270	SOU-CW-HP	31/15	124/39	200/62	542/75	237/49	122/30	
RA3AN	820,328	1,266	244	SOU-CW-LP	65/23	158/35	209/41	532/73	242/49	60/23	
R4LR	779,000	1,078	250	SOU-CW-HP	22/17	172/40	366/65	412/76	96/42	10/10	
R3QA	716,352	1,176	224	SOU-CW-LP	0/0	212/38	233/59	376/60	197/42	158/25	
R4KO	680,238	1,156	234	SOU-CW-HP	19/16	67/39	317/58	589/68	143/42	21/11	
UA4C	665,049	1,090	231	SOU-CW-HP	0/0	163/37	127/44	504/79	233/48	63/23	
UA6LCN	654,738	993	238	SOU-CW-HP	30/22	82/29	162/52	423/69	250/48	46/18	
RT4M	613,428	1,166	204	SOU-CW-HP	29/18	69/28	321/57	657/64	87/34	3/3	
RM5F	457,272	1,047	174	SOU-CW-QRP	0/0	199/36	319/47	373/50	141/32	15/9	
RK3P	397,168	715	206	SOU-CW-LP	27/14	142/36	78/42	312/57	114/38	42/19	
R7CT	314,503	708	179	SOU-CW-LP	0/0	89/35	207/45	300/57	93/28	19/14	
R7AW	275,504	779	134	SOU-CW-HP	0/0	0/0	76/40	494/49	106/27	103/18	
R5DT	273,916	538	188	SOU-CW-HP	31/19	72/28	147/44	230/57	46/31	12/9	
R3ST	273,394	593	187	SOU-CW-HP	57/19	122/28	123/43	207/56	60/27	24/14	
UA3QAM	259,017	555	167	SOU-CW-LP	0/0	102/35	110/38	264/57	67/30	12/7	
RX3N	254,058	694	138	SOU-CW-HP	0/0	0/0	185/43	325/50	149/32	35/13	RX4W
RN3S	242,788	597	161	SOU-CW-LP	23/12	111/34	139/35	243/43	66/28	15/9	
RA3DNC	232,842	599	151	SOU-CW-HP	0/0	73/28	114/33	278/52	112/27	22/11	
RC1W	228,969	549	171	SOU-CW-LP	58/30	123/32	94/36	219/46	47/20	8/7	
UA6LCJ	220,500	628	147	SOU-CW-LP	2/1	59/18	91/28	258/39	152/35	66/26	
UA3QGT	210,366	423	186	SOU-CW-HP	5/5	41/32	52/43	153/51	100/37	72/18	
RG4A	195,184	433	176	SOU-CW-LP	3/3	42/23	85/42	192/58	79/33	32/17	
R3VL	176,252	498	139	SOU-CW-LP	8/4	70/26	164/38	181/42	58/20	17/9	
R7AT	150,629	494	113	SOU-CW-HP	0/0	60/33	363/52	70/27	1/1	0/0	
UA3LID	133,334	333	163	SOU-CW-LP	6/6	80/33	67/37	111/45	48/26	21/16	
UG4A	111,630	371	122	SOU-CW-LP	0/0	0/0	57/26	184/50	115/35	15/11	
R4IO	92,250	496	75	SOU-CW-HP	0/0	0/0	0/0	453/55	43/20	0/0	
UA3AGW	91,419	359	93	SOU-CW-HP	0/0	40/13	24/9	179/43	75/17	41/11	
RL4A	88,911	222	111	SOU-CW-LP	3/3	24/12	73/29	63/35	36/20	23/12	
RT6N	67,728	316	83	SOU-CW-LP	0/0	0/0	0/0	229/46	54/21	33/16	
RL3T	65,704	310	86	SOU-CW-HP	0/0	0/0	94/33	159/28	49/19	8/6	
RM4N	50,160	224	95	SOU-CW-HP	0/0	0/0	117/39	78/43	29/13	0/0	
RA7M	46,215	252	79	SOU-CW-HP	0/0	0/0	0/0	154/40	74/27	24/12	
RU4LM	34,638	270	46	SOU-CW-LP	0/0	0/0	0/0	270/46	0/0	0/0	
RA3TT	32,312	220	56	SOU-CW-HP	0/0	0/0	0/0	220/56	0/0	0/0	
RT5C	30,888	147	104	SOU-CW-LP	24/15	41/19	21/19	43/35	8/8	10/8	
RG3B	30,208	200	59	SOU-CW-LP	0/0	0/0	0/0	162/39	33/17	5/3	
RA3DJA	27,417	190	57	SOU-CW-QRP	0/0	1/1	53/17	126/32	4/3	6/4	
R6KEE	23,750	200	50	SOU-CW-LP	0/0	0/0	0/0	186/39	9/6	5/5	
RD7KW	12,960	110	54	SOU-CW-LP	0/0	0/0	0/0	42/19	35/17	33/18	
RX3MM	12,800	103	50	SOU-CW-LP	0/0	0/0	0/0	45/22	46/17	12/11	
RW4CLF/3	12,711	108	57	SOU-CW-HP	0/0	11/7	39/20	26/11	32/19	0/0	@UF5D
UA4CNJ	12,240	126	40	SOU-CW-LP	0/0	0/0	11/8	92/19	19/9	4/4	
R7CA	7,410	96	30	SOU-CW-LP	0/0	0/0	47/13	49/17	0/0	0/0	
UA3MIF	5,472	84	36	SOU-CW-LP	14/7	34/9	28/13	8/7	0/0	0/0	
R6CW	2,800	38	28	SOU-CW-LP	0/0	0/0	0/0	8/8	17/11	13/9	
RA3FD	1,134	28	27	SOU-CW-LP	5/5	7/7	2/2	9/8	4/4	1/1	
UA7R	12	2	2	SOU-CW-HP	0/0	0/0	0/0	0/0	2/2	0/0	
RL3A	4,521,984	3,947	368	MSHP	84/26	435/61	969/86	1,602/97	556/60	301/38	RA1ZZ, RA3ATX, RA9USU, RL3FT, RW4WR, RX3APM, UA3ASZ
RT5G	1,975,540	2,524	274	MSHP	82/26	195/36	503/56	1,241/85	459/50	44/21	R3GM, R5GR, R5RA, RG5G, UA3GAF
RT4G	1,738,100	1,873	325	MSHP	118/31	188/53	436/75	676/83	380/59	75/24	RM4F, UD4F
RO2E	1,523,662	1,912	301	MSHP	93/33	175/43	363/62	822/76	331/58	128/29	R2EA, RU3EG, RZ3EC
RM5A	1,123,425	1,927	225	MSHP	78/24	255/37	501/58	923/71	169/34	1/1	R5CA, RD3ARD, RD3BW, RG5F, RN3AC, RU4W, UB3AQA, UB3ATH, UB3DQV, UB3DRU
RM1Q	751,920	1,515	208	MSHP	102/27	188/34	367/54	661/53	170/26	27/14	RU1QQ, RW1QS, UA1QM
RM3M	478,288	1,033	167	MSHP	16/9	35/20	143/35	660/68	161/28	18/7	R3MZ, RC3M
RO5F	361,665	879	171	MSHP	86/21	162/33	227/44	285/38	110/28	9/7	RV3DM, UA3FQ, UI3D
R3OM	261,100	759	140	MSHP	0/0	217/34	222/37	215/41	104/27	1/1	R3OF, R3OM, RL3QI, RU3OZ
RA5AD	78,903	359	99	MSHP	0/0	2/2	112/32	192/41	43/18	10/6	R2AUP, R3AP

RK3MXT	17,576	150	52	MSHP	0/0	0/0	14/12	130/34	4/4	2/2	RV3ML, UA3MJS
RC7LX	6,811	81	49	MSHP	0/0	0/0	17/11	53/27	0/0	11/11	Aleksandr, Dagin, RC7LX, Sergeevich
UA3EUW	2,485	43	35	MSHP	0/0	6/5	7/7	21/17	9/6	0/0	UA3EUW
RC3P	615	22	15	MSHP	0/0	0/0	13/7	9/8	0/0	0/0	RM2P, UA3PPO
Kaliningrad											
UA2K	868,323	1,439	241	SO-MIX-LP	77/29	259/45	416/56	519/63	141/36	27/12	UA2FB
UA2FBQ	14,080	119	64	SO-MIX-LP	0/0	15/15	28/17	40/20	25/7	11/5	
RW2F	675,521	1,171	217	SO-CW-LP	62/22	142/29	446/54	348/54	150/44	23/14	RA2FA
RA2F	287,622	986	114	SO-CW-HP	0/0	106/13	258/24	484/46	134/28	4/3	
UA2FL	121,502	663	79	SO-CW-LP	11/6	150/18	190/20	220/25	81/9	11/1	
UA2CZ	89,037	275	117	SO-CW-HP	0/0	44/25	66/32	122/42	36/13	7/5	
UA2FP	31,992	236	62	SO-CW-LP	0/0	0/0	130/32	92/23	12/5	2/2	
RN2FQ	30,051	149	81	SO-CW-HP	0/0	31/19	32/19	69/33	12/8	5/2	
UI2K	1,575,226	2,072	274	SOU-MIX-HP	56/28	256/47	495/54	899/77	347/49	19/19	UA2FZ
RN2FA	42,978	259	78	SOU-MIX-LP	56/23	4/3	66/23	89/18	39/9	5/2	
RT2F	5,250	61	30	SOU-MIX-LP	0/0	0/0	29/19	30/10	0/0	2/1	
Latvia											
YL2SM	1,695,238	2,011	274	SO-MIX-HP	112/32	134/38	486/57	721/65	510/60	48/22	
YL3GQ	42,722	265	82	SO-MIX-LP	0/0	40/15	55/19	121/28	42/15	7/5	
YL2LW	27,456	194	64	SO-MIX-LP	0/0	0/0	0/0	100/29	66/23	28/12	
YL2GP	9,486	94	51	SO-MIX-LP	30/14	5/5	37/16	0/0	0/0	22/16	
YL5W	482,160	1,005	196	SO-CW-LP	66/28	190/32	190/42	380/51	143/27	36/16	YL2GN
YL2CV	292,194	606	189	SO-CW-LP	43/26	59/30	169/42	210/42	93/32	32/17	
YL2EA	32,750	218	50	SO-CW-HP	0/0	0/0	0/0	218/50	0/0	0/0	
YL3FW	10,404	104	51	SO-CW-QRP	0/0	48/26	56/25	0/0	0/0	0/0	
YL3JD	7,242	94	34	SO-CW-LP	0/0	0/0	20/9	74/25	0/0	0/0	
YL2HB	1,886	44	23	SO-CW-LP	0/0	1/1	43/22	0/0	0/0	0/0	
YL6W	1,935,054	2,076	319	SOU-MIX-HP	85/37	166/53	567/74	1,046/79	147/52	65/24	YL2GD
YL2IP	38,720	195	80	SOU-MIX-HP	0/0	0/0	88/37	91/36	16/7	0/0	
YL5X	135,786	481	122	SOU-CW-HP	0/0	219/38	78/29	130/37	54/18	0/0	
YL5T	31,740	260	46	SOU-CW-HP	0/0	0/0	0/0	131/23	94/15	35/8	YL3DQ
YL3FO	13,846	113	43	SOU-CW-LP	0/0	0/0	13/8	68/23	23/7	9/5	
Lithuania											
LY4L	1,211,760	1,932	240	SO-MIX-LP	112/31	1420/42	455/52	741/65	151/32	53/18	
LY9Y	681,804	1,170	236	SO-MIX-LP	64/28	151/35	292/56	472/63	136/34	55/20	
LY5G	308,812	795	164	SO-MIX-QRP	17/14	135/32	177/36	333/46	104/25	29/11	
LY5XX	146,000	564	125	SO-MIX-LP	33/14	108/22	105/30	274/36	34/16	10/7	
LY5I	110,592	409	128	SO-MIX-LP	32/15	45/16	120/32	153/36	27/16	32/13	
LY5Q	46,980	341	54	SO-MIX-LP	0/0	0/0	341/54	0/0	0/0	0/0	
LY7M	6,176	99	32	SO-MIX-HP	0/0	7/6	92/26	0/0	0/0	0/0	
LY4MA	30,699	199	81	SO-PH-LP	0/0	27/15	24/17	96/26	42/15	10/8	
LY3S	24,090	302	33	SO-PH-HP	0/0	302/33	0/0	0/0	0/0	0/0	
LY3LT	5,304	85	26	SO-PH-LP	0/0	0/0	0/0	85/26	0/0	0/0	
LY5BA	80	8	8	SO-PH-LP	0/0	3/3	4/4	1/1	0/0	0/0	(@LY5NJ)
LY2KA	221,556	583	148	SO-CW-HP	1/1	34/23	191/34	248/46	74/31	35/13	
LY2NZ	64,862	293	113	SO-CW-LP	44/21	47/22	34/17	87/23	59/18	22/12	
LY2LF	11,466	183	26	SO-CW-LP	0/0	0/0	0/0	183/26	0/0	0/0	
LY8A	10,881	149	31	SO-CW-LP	0/0	0/0	149/31	0/0	0/0	0/0	
LY2BAA	4,309	68	31	SO-CW-LP	0/0	8/8	23/15	37/8	0/0	0/0	
LY7Z	3,098,073	2,982	349	SOU-MIX-HP	89/38	265/55	1,032/80	1,141/85	396/64	59/27	
LY1DZ	23,800	199	56	SOU-MIX-HP	0/0	5/4	97/22	82/20	13/8	2/2	
LY2SA	21,040	137	80	SOU-MIX-HP	13/10	28/18	25/18	43/22	26/10	2/2	
LY3AB	17,690	136	61	SOU-MIX-LP	0/0	0/0	13/10	64/27	43/14	16/10	
LY5T	8,874	116	34	SOU-MIX-LP	0/0	0/0	68/19	47/14	1/1	0/0	
LY2CX	4	3	2	SOU-MIX-HP	0/0	1/1	2/1	0/0	0/0	0/0	
LY2GN	15,696	116	72	SOU-PH-LP	0/0	16/13	40/24	48/26	9/6	3/3	
LY5P	12,597	115	57	SOU-PH-LP	0/0	10/10	2/2	58/25	37/14	8/6	
LY4BP	2,717	76	13	SOU-PH-HP	0/0	0/0	22/4	54/9	0/0	0/0	
LY5E	2,262,960	2,181	360	SOU-CW-HP	107/40	217/57	452/72	927/89	423/68	55/34	
LY5W	1,210,626	1,345	318	SOU-CW-HP	150/38	199/52	299/68	348/77	249/55	100/28	
LY5R	1,136,994	1,357	314	SOU-CW-HP	88/35	209/48	346/67	470/81	198/60	46/23	
LY3CY	304,456	733	152	SOU-CW-HP	0/0	130/32	246/43	269/44	70/24	18/9	
LY2AX	239,568	634	168	SOU-CW-HP	57/25	90/26	158/33	188/41	93/22	48/21	
LY2RJ	208,715	940	95	SOU-CW-HP	0/0	127/20	357/25	411/36	13/6	32/8	
LY2MC	97,588	340	124	SOU-CW-LP	0/0	51/26	65/30	152/38	55/21	17/9	
LY3G	54,153	243	99	SOU-CW-QRP	0/0	56/18	63/31	90/32	23/11	11/7	

LY5N	1,088	35	17	SOU-CW-HP	1/1	2/2	26/8	4/4	1/1	1/1	
Moldova											
ER3CT	44,702	216	103	SO-PH-LP	0/0	27/17	56/26	89/33	34/17	10/10	
Ukraine											
UW5Y	1,692,041	1,971	299	SO-MIX-LP	62/31	166/42	386/59	985/82	311/63	61/22	US2YW
UW7LL	1,666,320	2,001	318	SO-MIX-LP	67/27	208/48	467/71	834/82	369/63	56/27	
UX2MF	387,779	698	217	SO-MIX-HP	56/24	84/34	129/41	267/64	130/35	32/19	
UT3EV	341,764	823	172	SO-MIX-LP	0/0	132/34	132/35	299/53	218/29	42/21	
UT3SO	244,125	759	155	SO-MIX-LP	47/18	187/30	207/38	204/37	92/23	22/9	
UY5ZZ	215,338	592	134	SO-MIX-HP	10/10	25/12	131/29	362/44	34/26	30/13	
US8IM	207,198	534	162	SO-MIX-LP	24/15	67/22	52/24	257/54	75/31	59/16	
UX7MR	195,041	551	149	SO-MIX-LP	0/0	30/13	90/31	269/55	111/29	51/21	
UT3UZ	182,028	578	132	SO-MIX-LP	0/0	98/30	182/40	269/48	29/14	0/0	
UR5UZ	131,824	402	112	SO-MIX-LP	0/0	0/0	46/20	275/58	78/31	3/3	
UT6EE	129,450	342	150	SO-MIX-HP	0/0	15/11	48/33	179/55	68/29	32/22	
UT8IM	124,621	410	133	SO-MIX-LP	0/0	40/20	74/30	196/43	84/30	16/10	
UYØCA	88,256	351	112	SO-MIX-LP	0/0	0/0	92/28	136/36	88/28	35/20	
UT5EOX	88,038	283	146	SO-MIX-QRP	20/14	21/17	44/26	108/41	64/30	26/18	
UX8IX	80,379	334	117	SO-MIX-QRP	0/0	38/14	92/33	104/28	61/22	39/20	
UY5TE	74,428	387	92	SO-MIX-LP	0/0	40/13	104/24	198/35	38/16	7/4	
UT5UN	60,368	273	88	SO-MIX-LP	0/0	0/0	28/5	142/41	82/30	21/12	
UY5QJ	50,706	245	81	SO-MIX-LP	0/0	0/0	0/0	173/42	49/22	23/17	
UT1WW	50,623	360	71	SO-MIX-LP	0/0	197/28	128/25	22/13	13/5	0/0	
UXØFF	46,154	235	94	SO-MIX-LP	0/0	8/6	48/23	114/37	53/21	12/7	
UT2MZ	40,115	153	113	SO-MIX-LP	0/0	19/17	16/11	63/44	47/34	8/7	
US1UU	22,152	167	71	SO-MIX-QRP	36/12	50/20	12/10	63/23	3/3	3/3	
UR5WHQ	16,884	120	67	SO-MIX-LP	0/0	7/7	51/32	0/0	39/18	23/10	
UR4QR	11,070	130	45	SO-MIX-LP	0/0	0/0	58/23	72/22	0/0	0/0	
UY5QZ	11,058	99	57	SO-MIX-HP	0/0	10/8	4/3	25/14	33/18	27/14	
USØTA	2,232	36	36	SO-MIX-LP	11/11	0/0	1/1	5/5	10/10	9/9	
UT3QU	310	15	10	SO-MIX-LP	0/0	1/1	10/5	4/4	0/0	0/0	
US5D	752,854	1,314	202	SO-PH-HP	47/28	67/25	178/40	644/59	321/37	57/13	UT7DX
UT8EL	85,707	303	107	SO-PH-LP	0/0	5/5	18/16	162/41	78/30	40/15	
US5QRW	83,034	290	126	SO-PH-HP	0/0	32/21	64/32	107/31	58/25	29/17	
USØMS	53,379	254	81	SO-PH-LP	0/0	0/0	7/6	210/54	32/16	5/5	
UT5RB	35,376	172	88	SO-PH-HP	0/0	35/20	42/27	95/41	0/0	0/0	
UX3IT	30,550	224	50	SO-PH-HP	0/0	0/0	0/0	224/50	0/0	0/0	
UR4MS	20,700	114	100	SO-PH-LP	0/0	13/13	19/18	46/38	24/20	12/11	
UR7TV	17,500	145	70	SO-PH-QRP	0/0	24/15	16/12	84/28	11/6	10/9	
UT5HX	16,848	121	72	SO-PH-LP	0/0	0/0	22/19	51/25	36/18	12/10	
US6IKF	11,800	96	59	SO-PH-LP	0/0	0/0	9/8	46/25	33/18	8/8	
UT3UIC	10,280	69	40	SO-PH-LP	0/0	0/0	11/8	46/24	12/8	0/0	
UR3QTN	6,624	77	48	SO-PH-LP	0/0	2/2	22/12	46/27	2/2	5/5	
UT5ZL	714	21	14	SO-PH-LP	0/0	0/0	0/0	21/14	0/0	0/0	
UR4UGL	288	16	16	SO-PH-LP	0/0	0/0	0/0	16/16	0/0	0/0	
UR7QDO	1	1	1	SO-PH-LP	0/0	0/0	0/0	0/0	0/0	1/1	
UW1M	2,323,620	2,290	331	SO-CW-HP	54/32	210/51	460/71	845/85	537/60	184/32	UR5MW
UR7GO	2,081,510	2,188	326	SO-CW-HP	78/32	181/48	500/68	951/86	381/64	97/28	
UT5EO	1,389,406	1,790	293	SO-CW-LP	101/30	198/44	362/60	768/76	262/56	99/27	
UY7RR	287,810	665	170	SO-CW-QRP	0/0	126/33	162/41	283/53	77/31	17/12	
UT7NI	275,250	755	150	SO-CW-LP	0/0	172/34	147/34	297/42	89/24	50/16	
UT5NR	234,945	811	115	SO-CW-LP	0/0	0/0	307/37	347/41	141/29	16/8	
UY5AA	231,168	393	192	SO-CW-LP	25/19	8/6	81/44	167/60	70/39	42/24	
US6EX	201,438	447	171	SO-CW-LP	47/25	47/32	24/9	199/49	101/42	29/14	
UR5FEO	192,696	536	148	SO-CW-QRP	27/17	102/29	143/37	221/46	38/15	5/4	
US1IV	159,000	511	125	SO-CW-HP	0/0	64/18	137/34	274/52	23/13	13/8	
UR5KO	140,216	447	136	SO-CW-LP	14/12	49/19	111/33	192/38	52/20	29/14	
US5VX	131,968	384	128	SO-CW-QRP	12/8	18/13	17/12	254/56	49/21	34/18	
UT4UQ	118,198	443	113	SO-CW-LP	0/0	85/24	142/32	165/32	45/19	6/6	
US3EW	114,240	365	120	SO-CW-LP	0/0	0/0	103/35	159/42	82/29	21/14	
UT7IS	103,469	399	107	SO-CW-HP	0/0	0/0	63/23	238/51	98/33	0/0	
UTØCK	102,705	352	123	SO-CW-LP	0/0	50/19	75/29	134/35	64/24	29/16	
UZ7F	89,816	401	103	SO-CW-QRP	19/6	90/23	100/29	148/33	34/10	10/2	
UT8AS	78,958	338	97	SO-CW-LP	0/0	90/26	148/32	60/23	40/16	0/0	
UR3QX	78,650	274	110	SO-CW-HP	0/0	0/0	92/37	74/31	54/23	54/19	
UY5VA	78,624	367	91	SO-CW-LP	0/0	0/0	78/23	199/35	84/27	6/6	
UT8IT	77,112	256	119	SO-CW-LP	13/8	20/12	56/28	77/31	65/23	25/17	

UR2VA	75,537	304	99	SO-CW-HP	0/0	0/0	14/9	178/44	91/32	21/14	
US1VM	74,385	318	95	SO-CW-LP	0/0	25/7	185/43	87/35	21/10	0/0	
UX2IJ	69,368	269	104	SO-CW-LP	0/0	69/26	95/33	88/31	9/6	8/8	
UY5YB	68,541	278	93	SO-CW-LP	0/0	34/16	54/24	140/34	50/19	0/0	
UT5NC	68,110	554	49	SO-CW-HP	0/0	0/0	554/49	0/0	0/0	0/0	
UT2UZ	54,784	217	107	SO-CW-QRP	4/4	26/19	25/16	104/35	45/23	13/10	
UT1XX	51,243	260	87	SO-CW-QRP	0/0	0/0	62/27	132/33	51/17	15/10	
UY3MW	49,192	222	88	SO-CW-LP	0/0	0/0	19/11	88/28	80/31	35/18	
UW5Q	46,620	295	70	SO-CW-LP	0/0	0/0	130/30	126/24	34/11	5/5	UR3QCW
UX1CL	33,411	293	43	SO-CW-LP	0/0	0/0	0/0	293/43	0/0	0/0	
UT3UV	31,169	190	71	SO-CW-LP	0/0	0/0	64/27	97/30	27/12	2/2	
UR5FA	28,791	149	63	SO-CW-LP	0/0	0/0	80/30	61/29	7/3	1/1	
UT5IZ	27,318	212	58	SO-CW-LP	0/0	30/7	75/14	96/29	10/7	1/1	
UT7HM	25,234	148	74	SO-CW-LP	0/0	32/16	32/16	32/15	48/23	4/4	
UX1CW	24,592	163	58	SO-CW-LP	0/0	100/28	38/19	25/11	0/0	0/0	
US7IGN	24,395	231	41	SO-CW-LP	0/0	0/0	0/0	231/41	0/0	0/0	
UX1IB	22,512	172	56	SO-CW-LP	0/0	0/0	42/15	104/29	26/12	0/0	
US5EEK	22,490	139	65	SO-CW-LP	0/0	10/8	0/0	98/38	26/14	5/5	
UT7MR	21,515	148	65	SO-CW-LP	0/0	18/9	55/21	46/17	17/9	12/9	
UT1QQ	20,544	153	64	SO-CW-HP	0/0	0/0	43/16	86/28	18/14	6/6	
UR5CC	20,502	125	67	SO-CW-LP	0/0	7/7	6/5	71/30	28/17	13/8	
US5ABI	18,009	121	69	SO-CW-LP	11/9	19/10	25/14	32/17	24/13	10/6	
UT3RN	17,945	181	37	SO-CW-LP	0/0	0/0	0/0	181/37	0/0	0/0	
UX5XK	17,676	142	36	SO-CW-HP	0/0	0/0	0/0	142/36	0/0	0/0	
UR4MF	17,136	104	68	SO-CW-LP	0/0	0/0	0/0	55/32	36/26	13/10	
UX7QD	16,920	225	30	SO-CW-LP	0/0	0/0	0/0	225/30	0/0	0/0	
UR7IKJ	13,014	111	54	SO-CW-HP	0/0	15/7	33/17	41/16	19/11	3/3	
UT5VX	9,308	104	52	SO-CW-LP	0/0	32/12	31/13	30/18	7/5	4/4	
UT5EPP	6,880	87	32	SO-CW-LP	0/0	0/0	0/0	74/22	13/10	0/0	
UT5WAA	5,004	79	36	SO-CW-QRP	0/0	0/0	31/15	31/10	7/5	10/6	
UR8RF	4,675	107	17	SO-CW-HP	0/0	0/0	0/0	107/17	0/0	0/0	
UT5UQV	3,538	46	29	SO-CW-LP	0/0	0/0	0/0	42/26	4/3	0/0	
UT5UIA	3,424	52	32	SO-CW-LP	1/1	1/1	1/1	31/19	17/9	1/1	
UT2SQ	1,932	43	28	SO-CW-LP	0/0	0/0	10/8	23/13	8/6	2/1	
UR5RBP	4	2	1	SO-CW-QRP	0/0	0/0	2/1	0/0	0/0	0/0	
UZ3A	1,738,659	1,776	327	SOU-MIX-LP	57/31	138/47	361/71	882/87	282/61	56/30	UX1AA
UT5C	1,683,799	1,849	323	SOU-MIX-HP	66/33	185/52	432/78	884/85	243/54	39/21	UX7CQ
UR6EA	1,076,865	1,634	255	SOU-MIX-LP	66/24	238/40	531/59	467/60	283/52	49/20	
UW8SM	767,096	1,234	253	SOU-MIX-LP	38/23	216/46	323/54	459/72	163/42	35/16	
EN5V	699,366	1,159	229	SOU-MIX-HP	95/27	195/37	290/54	417/61	110/30	52/20	UX1VT
UR5R	631,842	1,313	186	SOU-MIX-HP	0/0	255/37	301/46	565/47	167/43	25/13	UTØRM
US7IY	517,666	1,002	214	SOU-MIX-HP	54/27	143/35	244/50	335/51	192/32	34/19	
UW7EA	441,150	1,158	150	SOU-MIX-HP	48/23	127/19	188/28	637/48	129/23	29/9	
UX5N	337,512	804	168	SOU-MIX-LP	0/0	230/37	212/46	257/50	90/25	15/10	
UR7R	217,168	742	112	SOU-MIX-HP	0/0	74/17	180/37	469/50	19/8	0/0	UX1RX
UT3N	140,292	591	108	SOU-MIX-HP	0/0	58/25	200/40	333/43	0/0	0/0	UT3NK
UR3VKR	128,400	360	150	SOU-MIX-LP	0/0	60/30	53/36	135/39	72/32	40/13	
UR5UJ	89,378	269	134	SOU-MIX-LP	10/10	63/33	57/27	66/27	54/23	19/14	
UX7UU	86,184	260	162	SOU-MIX-LP	37/25	43/29	79/44	70/43	26/16	5/5	
UT8IO	78,668	380	71	SOU-MIX-HP	0/0	0/0	0/0	380/71	0/0	0/0	
UR5E	73,839	255	151	SOU-MIX-HP	34/19	45/27	67/33	39/31	40/23	30/18	UR5EDX
UR5IFB	61,845	281	93	SOU-MIX-LP	0/0	0/0	69/22	157/48	0/0	55/23	
UT1AA	40,704	302	48	SOU-MIX-LP	0/0	0/0	0/0	302/48	0/0	0/0	
UR2Y	592,176	1,017	219	SOU-PH-LP	20/18	63/30	134/43	658/71	102/35	40/22	USØYW
US5QUB	59,890	248	113	SOU-PH-LP	0/0	12/12	59/26	112/39	47/23	18/13	
US5LOD	47,936	210	107	SOU-PH-LP	4/4	27/20	42/25	114/42	23/16	0/0	
UR4QFP	39,221	219	91	SOU-PH-LP	6/6	9/9	26/13	114/34	54/20	10/9	
UT4U	2,299,098	2,300	339	SOU-CW-HP	126/32	313/54	693/76	741/87	341/64	86/26	UT5UJO
UT4LW	1,482,800	1,999	275	SOU-CW-LP	62/19	342/43	505/58	651/74	336/53	103/28	
UW3U	1,136,990	1,164	335	SOU-CW-HP	63/36	123/52	222/72	491/84	199/59	66/32	UT7UJ
UX2X	638,400	1,357	152	SOU-CW-HP	0/0	0/0	0/0	988/81	339/54	30/17	UT2XQ
UR5QU	529,074	917	221	SOU-CW-LP	0/0	105/36	151/48	440/71	197/48	24/18	
UY1HY	402,535	650	217	SOU-CW-HP	27/19	42/31	85/43	311/66	113/45	72/13	
UZ1WW	397,500	737	212	SOU-CW-LP	11/11	110/37	195/49	267/66	93/32	61/17	
UR5WCW	307,944	550	188	SOU-CW-LP	21/16	144/40	194/52	117/45	66/28	8/7	
UW1WU	241,630	712	146	SOU-CW-LP	0/0	181/32	130/29	281/51	85/22	35/12	
UR7MZ	225,128	423	214	SOU-CW-LP	40/22	54/35	88/47	132/61	89/31	20/18	
UT3EK	116,350	378	130	SOU-CW-QRP	10/6	74/27	153/39	105/36	34/20	2/2	
UY2RA	109,296	394	108	SOU-CW-HP	0/0	0/0	53/18	255/57	63/21	23/12	

UXØLL	93,717	304	117	SOU-CW-HP	0/0	19/18	85/18	121/49	41/23	38/9	
UR7EC	78,540	252	132	SOU-CW-LP	37/17	54/22	72/40	46/29	32/15	11/9	
UT3WX	55,656	339	72	SOU-CW-LP	0/0	93/18	139/28	107/26	0/0	0/0	
UR5ECW	41,666	231	83	SOU-CW-LP	0/0	0/0	84/24	96/34	41/19	10/6	
US7IM	23,863	198	49	SOU-CW-LP	0/0	0/0	4/4	166/27	20/11	8/7	
UV5QQ	19,800	238	36	SOU-CW-HP	0/0	238/36	0/0	0/0	0/0	0/0	
UR7QM	14,190	127	43	SOU-CW-LP	0/0	0/0	0/0	127/43	0/0	0/0	
UW1U	13,755	201	35	SOU-CW-LP	201/35	0/0	0/0	0/0	0/0	0/0	
UTØEM	10,304	120	32	SOU-CW-QRP	0/0	0/0	0/0	120/32	0/0	0/0	
UW3HM	5,191	73	29	SOU-CW-LP	0/0	0/0	0/0	73/29	0/0	0/0	
EM2Q	2,457,216	3,056	288	MSHP	62/20	192/36	987/72	1,300/79	444/55	71/26	UR4QX, US1ITU, US2IR, US8ICM, UT2II, UT2IJ, UT2IV, UW2QU, UY2IF
UR4ZZZ	745,016	1,451	184	MSHP	0/0	53/23	474/68	785/60	139/33	0/0	UW5ZM, UZ5ZV
UR4RWW	713,736	1,339	207	MSHP	91/27	220/35	301/45	585/56	124/35	18/9	UR5RU, UT2RAR
UZ5P	109,554	442	114	MSHP	0/0	72/24	118/32	208/37	34/14	10/7	UR3PGV, UR3PGW, UT4PR, UT5PP
UX6F	8,415	97	51	MSHP	0/0	5/5	37/13	55/33	0/0	0/0	Sofija, UR4FPI, UR5FOF
US4EXD	2,684	53	22	MSHP	0/0	53/22	0/0	0/0	0/0	0/0	US5EGZ, UT4EK
Call	Score	QSOs	Mults	Category	160	80	40	20	15	10	Operator(s) and/or Host
Zone 30											
Asiatic Russia											
R8CT	1,102,230	1,369	185	SO-MIX-LP	16/10	124/24	367/53	620/57	231/35	11/6	
RX9CM	380,952	854	104	SO-MIX-HP	4/4	191/27	123/20	469/40	66/12	1/1	
RC8SC	68,325	255	75	SO-MIX-LP	0/0	0/0	19/14	185/34	46/22	5/5	
UA9SMU	53,196	261	52	SO-MIX-LP	0/0	32/10	229/42	0/0	0/0	0/0	
R9CD	26,660	161	43	SO-MIX-HP	0/0	0/0	0/0	161/43	0/0	0/0	
RO9T	17,184	137	32	SO-MIX-HP	0/0	0/0	2/2	126/26	9/4	0/0	
RF9C	6,048	60	28	SO-MIX-LP	6/4	2/2	24/6	19/9	7/5	2/2	UA9CSA
UA9JNT/8	5,382	58	26	SO-MIX-LP	2/2	5/2	6/4	43/16	2/2	0/0	
UA9CHL	40	4	4	SO-MIX-LP	0/0	0/0	1/1	3/3	0/0	0/0	
RM8A	551,754	773	174	SO-PH-HP	15/10	49/22	160/44	440/55	86/30	23/13	
UA9SUV	38,592	155	72	SO-PH-LP	0/0	16/11	56/23	56/28	27/10	0/0	
RX9AF	709,956	1,009	164	SO-CW-LP	3/3	148/31	355/49	388/52	112/27	3/2	
R9LY	408,456	778	122	SO-CW-HP	0/0	4/4	270/38	435/51	60/23	9/6	
RN9RF	170,104	448	88	SO-CW-LP	0/0	0/0	48/19	291/40	104/26	5/3	
R9SS	150,009	413	93	SO-CW-HP	0/0	0/0	201/42	192/43	20/8	0/0	
R9LM	122,320	340	88	SO-CW-LP	28/16	7/6	37/24	236/31	29/9	3/2	
UA9QFF	73,392	348	48	SO-CW-HP	0/0	0/0	219/29	129/19	0/0	0/0	
RA9CCK	64,491	218	83	SO-CW-LP	1/1	5/4	60/24	76/29	68/21	8/4	
RX9WN	36,504	148	72	SO-CW-HP	0/0	0/0	97/35	26/18	21/16	4/3	
R9QQ	22,880	132	44	SO-CW-LP	1/1	4/3	7/3	81/24	39/13	0/0	
RW9MZ	17,280	114	45	SO-CW-LP	0/0	0/0	3/3	89/28	21/13	1/1	
RL9L	14,896	138	28	SO-CW-LP	0/0	0/0	39/11	99/17	0/0	0/0	
UA9WIK	10,500	103	25	SO-CW-LP	0/0	1/1	19/6	58/13	25/5	0/0	
UA9MW	9,537	87	33	SO-CW-LP	0/0	0/0	0/0	71/22	15/10	1/1	
UA9MA	1,289,834	1,280	247	SO-MIX-LP	34/18	74/33	268/64	742/84	156/42	6/6	
RU9AC	768,740	1,095	170	SO-MIX-LP	29/12	159/26	318/46	419/49	159/31	11/6	
UA9CTT	497,189	927	121	SOU-MIX-HP	0/0	0/0	166/32	602/50	130/27	29/12	
RD8D	449,143	607	199	SOU-MIX-LP	9/5	84/28	94/44	310/70	79/36	31/16	RX9CAZ
UA9BA	238,385	444	139	SOU-MIX-LP	3/3	24/17	36/23	325/61	53/33	3/2	
RK9DO	154,947	341	137	SOU-MIX-HP	0/0	61/33	111/48	160/48	9/8	0/0	
RW9WT	65,100	272	62	SOU-MIX-HP	41/16	77/16	3/3	151/27	0/0	0/0	
RW9CQ	4,922	63	23	SOU-MIX-HP	0/0	0/0	0/0	0/0	0/0	63/23	
UA9R	352,832	578	149	SOU-PH-HP	11/10	46/24	136/36	328/50	48/21	9/8	
RA9AU	271,660	431	170	SOU-PH-LP	12/12	41/28	89/43	225/54	59/28	5/5	
RT9A	2,553,985	1,988	301	SOU-CW-HP	120/31	244/48	388/68	905/79	284/54	47/21	
RC9A	1,419,704	1,477	221	SOU-CW-LP	21/8	197/31	408/64	564/67	238/37	49/14	
UA9LAO	862,131	1,073	193	SOU-CW-HP	17/6	101/25	215/42	566/71	142/40	32/9	
RA9DZ	745,356	988	179	SOU-CW-LP	3/2	161/34	164/45	516/60	120/28	24/10	
RW9DX	708,576	933	183	SOU-CW-HP	58/21	210/39	197/47	350/46	94/20	24/10	
RA9AP	485,550	758	150	SOU-CW-LP	1/1	69/29	189/47	424/47	57/15	18/11	
RA9MX	155,904	352	128	SOU-CW-LP	0/0	39/23	90/39	165/43	57/22	1/1	
R9CW	103,224	382	66	SOU-CW-HP	0/0	0/0	382/66	0/0	0/0	0/0	
R8WO	92,352	293	78	SOU-CW-LP	0/0	0/0	80/26	177/35	28/13	8/4	
R8WF	21,465	118	45	SOU-CW-LP	6/4	15/8	10/6	59/18	19/6	9/3	
UF8T	5,584	83	16	SOU-CW-LP	0/0	0/0	0/0	83/16	0/0	0/0	
RM9A	4,647,495	3,170	345	MSHP	118/30	388/54	697/76	1,442/94	443/64	82/27	R9CM, RA9AA, RG9A, RK9A, RL9A, RN9A, RZ8A

European Russia											
RW4WA	180,225	472	135	SO-CW-LP	0/0	29/18	77/32	334/60	27/20	5/5	
RA4HBS	147,637	430	131	SO-CW-LP	39/16	90/30	126/40	154/35	21/10	0/0	
R4WAE	129,500	483	100	SO-CW-LP	0/0	0/0	168/34	252/45	63/21	0/0	
RT4H	31,160	147	82	SO-CW-LP	0/0	12/9	42/26	60/28	27/14	6/5	
RN4W	25,740	215	44	SO-CW-HP	0/0	0/0	0/0	152/26	56/13	7/5	
UB4W	24,059	176	49	SO-CW-LP	0/0	1/1	37/10	100/26	38/12	0/0	
UA9FGJ	23,450	144	67	SO-CW-LP	0/0	15/11	24/14	70/24	33/16	2/2	
RM4W	11,616	142	32	SO-CW-LP	0/0	46/11	31/8	52/11	13/2	0/0	
UG4I	1,456	35	16	SO-CW-LP	0/0	0/0	35/16	0/0	0/0	0/0	
RA4PQ	172,578	439	147	SOU-CW-HP	26/15	187/40	0/0	145/56	72/29	9/7	
R4WT	137,394	491	102	SOU-CW-LP	0/0	23/8	146/31	267/45	55/18	0/0	
RN4HAB	101,867	380	103	SOU-CW-LP	3/2	37/11	89/26	201/43	44/16	6/5	
R4RN	40,464	176	72	SOU-CW-LP	0/0	0/0	18/14	143/46	15/12	0/0	
RM4R	25,901	151	59	SOU-CW-HP	0/0	0/0	0/0	151/59	0/0	0/0	
Kazakhstan											
UPØL	2,901,816	2,696	246	SO-MIX-HP	65/24	363/36	569/64	1,322/73	316/35	61/14	UN9LW
UN7CN	117,175	310	109	SO-CW-LP	6/5	26/12	42/20	154/42	75/25	7/5	
UN7LDR	80,500	289	70	SO-CW-LP	0/0	15/4	114/24	121/28	38/13	1/1	
UN7ZZ	9,000	98	24	SO-CW-LP	0/0	0/0	0/0	98/24	0/0	0/0	
UN7ZW	1,000	36	10	SO-CW-HP	0/0	0/0	36/10	0/0	0/0	0/0	
UNØC	864	22	16	SO-CW-LP	0/0	0/0	22/16	0/0	0/0	0/0	
UN7LAN	612,976	849	182	SOU-MIX-LP	26/9	144/32	225/50	362/55	81/29	11/7	
UN4PG	11,764	108	34	SOU-CW-HP	0/0	0/0	108/34	0/0	0/0	0/0	
UP2L	4,487,733	3,393	303	MSHP	58/28	415/42	633/76	1,705/90	540/56	42/11	UN2G, UN4L, UN5GV, UN6LN, UN7GOD, UN7LZ, UN7ZAF, UN9GD, UN9L, UN9LG
Kyrgyzstan											
EX8MK	190	10	10	SO-PH-LP	0/0	0/0	5/5	4/4	1/1	0/0	
EX8MJ	163,881	360	131	SOU-CW-LP	0/0	26/15	90/34	161/48	74/26	9/8	
Call	Score	QSOs	Mults	Category	160	80	40	20	15	10	Operator(s) and/or Host
Zone 31											
Asiatic Russia											
RM9I	2,387,154	2,367	231	SO-MIX-HP	5/5	139/32	417/47	1,540/85	241/45	25/17	
R8UT	24,932	151	46	SO-MIX-HP	0/0	0/0	0/0	151/46	0/0	0/0	
UA9OSB	3,674	47	22	SO-MIX-LP	0/0	0/0	1/1	46/21	0/0	0/0	
RX9UKF	15,799	90	61	SO-PH-HP	0/0	30/19	44/30	16/12	0/0	0/0	
R9IT	2,214	37	18	SO-PH-LP	0/0	0/0	0/0	37/18	0/0	0/0	
RU9I	494,680	785	149	SO-CW-LP	8/4	105/27	132/36	471/52	65/26	4/4	
R8OM	361,020	692	132	SO-CW-HP	3/3	162/30	245/41	282/58	0/0	0/0	
R9HAF	12,716	98	34	SO-CW-LP	0/0	1/1	8/5	84/24	5/4	0/0	
RG9O	1,428	32	12	SO-CW-LP	0/0	0/0	0/0	32/12	0/0	0/0	R8OD
RV9UP	753,232	1,041	179	SOU-MIX-LP	6/5	72/17	164/45	651/66	135/37	13/9	
RT8U	21,056	103	56	SOU-MIX-HP	0/0	0/0	5/4	73/35	23/15	2/2	
RQ9O	383,400	699	135	SOU-CW-HP	0/0	35/9	162/39	417/53	81/30	4/4	
RK9UE	41,072	177	68	SOU-CW-LP	0/0	0/0	13/10	103/34	54/20	7/4	
RK8I	25,499	140	43	SOU-CW-HP	0/0	0/0	0/0	136/39	4/4	0/0	
Kazakhstan											
UN7FW	229,190	497	130	SO-MIX-LP	0/0	51/16	68/27	300/54	73/28	5/5	
UN7QF	85,932	330	63	SO-MIX-HP	0/0	0/0	0/0	290/41	33/16	7/6	
UN3G	52,540	191	74	SO-CW-HP	0/0	8/6	1/1	106/32	60/22	16/13	
Call	Score	QSOs	Mults	Category	160	80	40	20	15	10	Operator(s) and/or Host
Zone 32											
Asiatic Russia											
RCØA	649,704	824	214	SO-MIX-LP	10/5	84/39	142/53	417/69	150/32	21/16	RAØAM
UAØSE	41,550	175	75	SO-MIX-HP	0/0	19/8	26/16	105/38	18/11	7/2	
RAØAY	14,469	107	39	SO-MIX-LP	0/0	1/1	64/19	21/9	19/8	2/2	
RAØWMJ	4,380	57	20	SO-MIX-LP	0/0	0/0	9/6	39/10	9/4	0/0	
RYØA	20,812	133	43	SO-PH-HP	0/0	0/0	0/0	126/36	7/7	0/0	
RAØADQ	2,352	36	21	SO-PH-HP	0/0	0/0	0/0	36/21	0/0	0/0	
UAØSRQ	125	9	5	SO-PH-LP	0/0	0/0	0/0	8/4	1/1	0/0	
RØAA	266,418	570	114	SO-CW-HP	0/0	0/0	111/41	345/48	111/22	3/3	

RTØO	143,956	364	116	SO-CW-HP	0/0	17/10	100/33	187/45	52/22	8/6	
RDØA	83,860	297	70	SO-CW-HP	0/0	0/0	30/24	170/26	94/17	3/3	
RØAFF	1,280	28	16	SO-CW-QRP	0/0	0/0	18/8	6/4	2/2	2/2	
UAØSBQ	405	13	9	SO-CW-QRP	0/0	0/0	0/0	13/9	0/0	0/0	
RØAS	155,491	429	97	SOU-MIX-LP	0/0	11/7	130/31	236/41	45/13	7/5	
UAØSU	28,046	131	74	SOU-MIX-LP	0/0	0/0	26/16	66/34	34/19	5/5	
RAØSMS	6,832	73	28	SOU-MIX-HP	0/0	2/2	12/9	39/10	20/7	0/0	
RWØAJ	279,006	493	147	SOU-CW-LP	0/0	38/12	148/44	242/59	52/22	13/10	
UCØA	94,032	322	72	SOU-CW-HP	0/0	0/0	0/0	276/52	46/20	0/0	
RGØA	58,875	219	75	SOU-CW-LP	0/0	4/4	80/32	106/27	29/12	0/0	
RWØAR	855	21	19	SOU-CW-HP	2/2	3/3	0/0	0/0	5/5	11/9	
Mongolia											
JT1BZ	114	7	6	SO-PH-LP	0/0	0/0	0/0	7/6	0/0	0/0	
Call	Score	QSOs	Mults	Category	160	80	40	20	15	10	Operator(s) and/or Host
Zone 33											
Asiatic Russia											
RØTR	1,710	29	19	SO-MIX-LP	0/0	0/0	0/0	23/14	1/1	5/4	
UAØUV	85,085	296	85	SO-CW-LP	0/0	2/2	75/21	149/40	65/20	5/2	
RØCD	17,952	130	44	SO-CW-LP	0/0	0/0	30/13	78/21	14/6	8/4	
RØJF	470	15	10	SO-CW-QRP	0/0	0/0	15/10	0/0	0/0	0/0	
RAØQD	69,564	318	68	SOU-MIX-HP	0/0	0/0	63/16	89/19	132/24	34/9	
RKØUT	520,704	926	144	SOU-CW-HP	0/0	1/1	266/44	461/55	157/31	41/13	
Call	Score	QSOs	Mults	Category	160	80	40	20	15	10	Operator(s) and/or Host
Zone 34											
Asiatic Russia											
UCØL	16,950	194	30	SO-MIX-LP	4/2	22/5	24/8	14/6	111/5	19/4	
RAØLMO	5,070	52	30	SO-PH-HP	0/0	4/2	9/5	30/17	4/4	5/2	
RCØLAG	154	11	7	SO-PH-LP	0/0	0/0	2/2	3/3	1/1	5/1	
UAØCID	31,548	225	44	SO-CW-LP	0/0	0/0	0/0	225/44	0/0	0/0	
UAØC	15,435	114	45	SO-CW-LP	0/0	5/4	27/14	19/10	39/10	24/7	
RØCM	13,226	122	34	SO-CW-LP	0/0	0/0	26/11	35/11	31/8	30/4	
RAØLMK	1,139	25	17	SO-CW-LP	2/1	3/3	1/1	0/0	4/4	15/8	
RØCBK	10	4	2	SO-CW-LP	0/0	0/0	0/0	4/2	0/0	0/0	
RMØF	113,739	379	93	SOU-MIX-HP	0/0	0/0	136/27	87/37	91/18	65/11	
RUØLL	356,958	791	126	SOU-CW-HP	4/2	40/8	148/27	256/40	297/40	46/9	
RUØLAX	5,950	57	35	SOU-CW-HP	0/0	0/0	0/0	49/29	8/6	0/0	
RMØM	314,150	949	103	MSHP	0/0	21/7	420/47	277/33	215/14	16/2	RMØL, RUØLM, RWØLL, RWØM
RØMM	5,434	104	19	MSHP	0/0	1/1	7/6	40/6	29/3	27/3	RØMM, RAØLSO, RWØLKB
Call	Score	QSOs	Mults	Category	160	80	40	20	15	10	Operator(s) and/or Host
Zone 36											
Canary Islands											
EA8BQM	111,320	307	88	SO-MIX-LP	0/0	59/19	7/4	157/28	55/22	29/15	
EA8AQV	28,880	127	76	SO-MIX-LP	0/0	1/1	33/22	41/22	28/15	24/16	
EA8CYL	3,471	50	39	SO-MIX-LP	0/0	1/1	4/3	15/13	21/14	9/8	
EA8TZ	88	6	4	SO-MIX-HP	0/0	6/4	0/0	0/0	0/0	0/0	
EA8DHV	97,992	327	72	SO-PH-HP	0/0	1/1	28/22	270/30	12/9	16/10	
EA8AM	61,680	281	48	SO-PH-HP	0/0	0/0	0/0	281/48	0/0	0/0	
EC8AQQ	19,376	103	56	SO-PH-LP	0/0	0/0	15/12	69/28	9/6	10/10	
EA8DEM	5,355	73	17	SO-PH-HP	0/0	0/0	0/0	73/17	0/0	0/0	
EA8CTK	3,186	38	27	SO-PH-LP	0/0	0/0	0/0	9/9	29/18	0/0	
EA8DP	36,520	138	83	SO-CW-LP	0/0	9/9	35/26	70/30	13/10	11/8	
EA8AQM	6,292	72	22	SO-CW-QRP	0/0	0/0	0/0	72/22	0/0	0/0	
EA8ZT	48,804	161	98	SOU-MIX-LP	2/1	23/21	36/26	84/38	13/10	3/2	
ED8W	1,030,682	1,256	179	SOU-PH-HP	20/19	88/33	372/44	713/57	62/25	1/1	
EA8DIG	270,720	424	160	SOU-CW-HP	26/14	84/30	140/42	107/41	60/26	7/7	
EA8KW	78,126	232	87	SOU-CW-LP	0/0	52/25	52/32	122/24	4/4	2/2	
EF8R	8,941,053	5,289	363	MSHP	91/33	435/52	1,201/77	1,713/91	1,046/63	803/47	EA8RM, R3GG, R6FFS, RA5A, RU3XY, UA5C, UC5G
Madeira Islands											
CT9ABO	4,881,184	3,678	283	SO-MIX-HP	100/37	331/46	689/55	1,258/63	965/52	335/30	OM3GI
CT3KN	493,542	886	126	SO-MIX-LP	0/0	0/0	152/39	419/44	293/30	22/13	

CT9/SP6GJY	22,304	126	41	SOU-CW-LP	0/0	0/0	61/17	58/19	2/2	5/3	
Call	Score	QSOs	Mults	Category	160	80	40	20	15	10	Operator(s) and/or Host
Zone 37											
Balearic Islands											
EA6/DK5ON	30,889	178	79	SO-MIX-QRP	0/0	0/0	27/21	43/25	27/19	81/14	
EA6AAJ	136	14	8	SO-MIX-HP	2/1	2/1	3/2	3/2	2/1	2/1	
EA6AMM	116,660	447	95	SO-PH-LP	0/0	0/0	17/13	348/39	64/27	18/16	
ED6E	18,084	118	66	SOU-PH-LP	0/0	0/0	40/24	61/29	15/11	2/2	EA6AKN
EA6FO	2,732,136	3,139	264	SOU-CW-HP	76/27	391/46	578/56	1,075/61	729/52	290/22	EC3TW
Morocco											
CN8YZ	37,200	218	40	SOU-PH-LP	0/0	0/0	21/13	197/27	0/0	0/0	
Portugal											
CR5O	409,698	859	162	SO-MIX-LP	0/0	49/22	176/43	457/48	95/27	82/22	CT7AJL
CS7AMH	44,172	385	36	SO-MIX-LP	0/0	0/0	0/0	385/36	0/0	0/0	
CR6K	770,835	1,288	177	SO-PH-HP	0/0	0/0	110/40	577/60	390/47	211/30	CT1CJJ
CS25FOQ	6,532	62	46	SO-PH-LP	0/0	0/0	0/0	41/28	17/14	4/4	
CS7APZ	52	4	4	SO-PH-LP	0/0	1/1	2/2	0/0	0/0	1/1	
CT1DRB	74,374	331	82	SO-CW-LP	0/0	0/0	75/22	122/24	115/26	19/10	
CT7AGZ	72,485	232	109	SO-CW-LP	0/0	0/0	55/27	103/39	56/29	18/14	
CT1ELP	1,140	23	12	SO-CW-QRP	0/0	0/0	0/0	19/8	2/2	2/2	
CT7AIX	7,006	77	31	SOU-MIX-LP	0/0	0/0	0/0	65/25	3/1	9/5	
CT1HXB	2,640	51	30	SOU-MIX-LP	0/0	2/1	3/2	37/20	6/4	3/3	
CT1BXT	45,144	167	99	SOU-PH-LP	0/0	4/4	50/31	81/40	21/13	11/11	
CS7AOL	7,316	70	59	SOU-PH-LP	0/0	16/16	13/13	31/20	9/9	1/1	
CS7AMN	3,069	39	33	SOU-PH-LP	0/0	0/0	17/15	11/9	8/6	3/3	
Spain											
EC2DX	1,179,962	2,058	178	SO-MIX-HP	0/0	8/8	253/41	835/57	562/42	400/30	
EA2BNU	75,087	301	103	SO-MIX-LP	0/0	18/13	108/33	117/31	45/20	13/6	
EA1IYK	67,056	276	88	SO-MIX-LP	0/0	8/8	57/23	161/35	36/13	14/9	
EA4BT	36,750	169	98	SO-MIX-QRP	0/0	15/15	36/26	92/36	16/11	10/10	
EA1BDX	15,876	140	42	SO-MIX-LP	0/0	0/0	0/0	0/0	140/42	0/0	
EA7IZ	15,789	129	57	SO-MIX-LP	2/1	2/1	30/18	83/27	12/10	0/0	
EA3WX	14,728	104	56	SO-MIX-LP	0/0	7/7	16/12	63/22	12/9	6/6	
EC4CWT	8,037	73	57	SO-MIX-LP	0/0	0/0	20/18	19/15	20/13	14/11	
EA3AKA	4,900	71	28	SO-MIX-HP	0/0	0/0	19/7	19/7	26/8	7/6	
EA3IEO	4,324	67	46	SO-MIX-LP	0/0	1/1	18/15	24/12	7/7	17/11	
EA7FRX	2,240	40	28	SO-MIX-LP	0/0	0/0	5/4	11/7	19/12	5/5	
EASEX	1,575	37	25	SO-MIX-LP	2/1	2/1	6/5	12/7	10/8	5/3	
EA1AIW	1,241	31	17	SO-MIX-LP	0/0	0/0	0/0	21/9	7/5	3/3	
EA4AAZ	1,088	24	17	SO-MIX-LP	2/1	2/1	4/3	7/5	3/3	6/4	
EA7BUU	1,056	24	22	SO-MIX-LP	0/0	0/0	7/7	1/1	6/6	10/8	
EC7AT	216	18	12	SO-MIX-LP	2/1	2/1	2/1	2/1	4/3	6/5	
EA5YJ	140	12	10	SO-MIX-LP	0/0	2/1	6/5	1/1	2/2	1/1	
EA1AV	81	13	9	SO-MIX-LP	2/1	2/1	7/6	2/1	0/0	0/0	
EA5FX	72	12	6	SO-MIX-LP	2/1	2/1	2/1	2/1	2/1	2/1	
EA5KK	72	12	6	SO-MIX-LP	2/1	2/1	2/1	2/1	2/1	2/1	
EA3EGB	48	10	6	SO-MIX-LP	1/1	1/1	2/1	2/1	2/1	2/1	
EA5ICS	30	7	5	SO-MIX-LP	1/1	2/1	2/1	1/1	1/1	0/0	
EA3CI	788,535	1,490	177	SO-PH-HP	0/0	73/29	169/37	809/59	337/32	102/20	
ED4K	99,484	328	119	SO-PH-HP	0/0	13/13	35/21	150/39	88/27	42/19	EA4GSL
EA4YC	87,168	311	96	SO-PH-LP	4/4	48/14	32/18	73/27	46/20	108/13	
EA3IAZ	83,886	347	93	SO-PH-LP	0/0	3/3	26/15	165/42	14/12	139/21	
EA1IOW	40,176	172	108	SO-PH-LP	1/1	26/22	35/24	60/30	26/15	24/16	
EA2DR	35,280	265	49	SO-PH-LP	7/5	6/6	19/9	138/17	93/10	2/2	
EA2ECA	32,062	175	82	SO-PH-LP	0/0	2/2	33/17	68/30	38/17	34/16	
EA1DHB	25,472	163	64	SO-PH-LP	0/0	0/0	11/11	118/29	19/11	15/13	
EE1Y	19,782	124	63	SO-PH-LP	0/0	11/11	0/0	78/30	30/17	5/5	EA1YB
EA3HWC	4,551	51	41	SO-PH-LP	0/0	0/0	7/7	18/10	18/16	8/8	
EA3IFV	2,990	38	26	SO-PH-LP	0/0	0/0	3/3	24/15	0/0	11/8	
EA1IZT	2,624	48	32	SO-PH-LP	1/1	1/1	8/8	29/15	6/4	3/3	
EA3GYE	270	14	9	SO-PH-QRP	0/0	0/0	0/0	14/9	0/0	0/0	
EA3EAN	66	7	6	SO-PH-LP	0/0	0/0	0/0	7/6	0/0	0/0	
EE3E	52	5	4	SO-PH-LP	0/0	0/0	5/4	0/0	0/0	0/0	
EA5IMM	16	4	4	SO-PH-LP	0/0	1/1	1/1	1/1	1/1	0/0	

EA5UF	412,850	1,174	115	SO-CW-LP	8/8	63/14	120/21	646/36	128/19	209/17	
EA5ITT	241,250	702	125	SO-CW-LP	1/1	34/21	118/28	251/37	163/21	135/17	
EA7KB	40,040	260	55	SO-CW-LP	0/0	11/8	45/11	127/22	61/10	16/4	
EA5/R3AR	34,170	161	85	SO-CW-LP	8/8	28/18	65/31	59/27	1/1	0/0	
EA3AVV	29,430	143	90	SO-CW-LP	0/0	19/15	45/28	25/17	33/16	21/14	
EA5/RN3AM	22,776	166	39	SO-CW-LP	0/0	0/0	0/0	166/39	0/0	0/0	
EA5CP	22,242	132	66	SO-CW-LP	0/0	7/7	22/15	28/18	25/13	50/13	
EA4ESP	10,080	93	36	SO-CW-LP	0/0	1/1	91/34	1/1	0/0	0/0	
EA3BOW	8,050	85	46	SO-CW-LP	0/0	0/0	8/8	51/22	21/11	5/5	
EE2A	3,520	50	40	SO-CW-QRP	0/0	3/3	19/14	16/12	8/7	4/4	EA2SN
EA5/EA4BAS	1,008	28	16	SO-CW-LP	0/0	0/0	0/0	28/16	0/0	0/0	
EA4CU	250	11	10	SO-CW-QRP	0/0	1/1	1/1	3/3	0/0	6/5	
EB3JT	9	3	3	SO-CW-LP	0/0	1/1	1/1	1/1	0/0	0/0	
ED5W	763,350	1,526	175	SOU-MIX-HP	2/1	68/23	325/46	503/49	418/32	210/24	EA5BB
ED7K	488,569	1,221	127	SOU-MIX-HP	0/0	0/0	275/30	436/42	336/37	174/18	EA7TH
EE3X	409,479	679	217	SOU-MIX-QRP	25/17	65/32	170/45	297/59	80/44	42/20	EA3KX
EA1FDI	67,851	395	63	SOU-MIX-HP	2/1	4/3	16/10	156/24	11/10	206/15	
EA2BD	21,574	121	46	SOU-MIX-LP	0/0	2/1	2/1	114/41	3/3	0/0	
EC5CR	17,980	134	58	SOU-MIX-HP	5/4	10/8	23/11	61/15	21/13	14/7	
EA4IE	6,272	67	56	SOU-MIX-LP	9/8	23/22	10/8	5/3	17/13	3/2	
EA3PT	5,712	63	51	SOU-MIX-HP	0/0	0/0	8/7	46/35	9/9	0/0	
EA3HCJ	4,396	64	28	SOU-MIX-LP	0/0	0/0	64/28	0/0	0/0	0/0	
EA5BY	360	18	10	SOU-MIX-LP	0/0	2/1	2/1	2/2	1/1	11/5	
EA1DFP	187	17	11	SOU-MIX-HP	2/1	2/1	2/1	7/6	2/1	2/1	
EA7TG	119	13	7	SOU-MIX-HP	2/1	2/1	2/1	3/2	2/1	2/1	
EA7KW	45	9	5	SOU-MIX-HP	0/0	1/1	2/1	2/1	2/1	2/1	
EA1WX	0	0	0	SOU-MIX-HP	0/0	0/0	0/0	0/0	0/0	0/0	
EF1W	1,123,575	1,693	213	SOU-PH-HP	9/9	33/26	163/51	996/75	403/35	89/17	EA1WS
EC5AN	569,245	1,071	185	SOU-PH-LP	3/3	43/29	115/44	514/54	241/29	155/26	
EA1DA	57,928	225	104	SOU-PH-HP	0/0	27/19	25/21	102/28	60/26	11/10	
EC3AIT	47,081	198	89	SOU-PH-HP	0/0	0/0	27/20	129/44	35/18	7/7	
EA3XR	17,145	142	45	SOU-PH-LP	0/0	0/0	0/0	47/29	95/16	0/0	
EA1AA	6,728	63	58	SOU-PH-HP	5/5	19/19	18/13	16/16	2/2	3/3	
EA2A00	9	3	3	SOU-PH-HP	0/0	0/0	0/0	1/1	1/1	1/1	
EF5M	221,844	518	139	SOU-CW-HP	0/0	27/21	124/40	273/45	79/24	15/9	
ED2A	189,699	519	111	SOU-CW-HP	0/0	23/17	287/46	203/43	6/5	0/0	EA2CW
EF1C	120,075	532	75	SOU-CW-HP	0/0	0/0	0/0	411/44	74/20	47/11	
EA2HW	91,300	307	110	SOU-CW-LP	0/0	16/15	52/23	119/35	80/21	40/16	
EA5FIV	84,552	336	78	SOU-CW-HP	0/0	0/0	1/1	207/37	112/26	16/14	
EA4OR	31,850	129	98	SOU-CW-HP	0/0	0/0	32/31	75/45	18/18	4/4	
EA3OH	11,172	99	38	SOU-CW-LP	0/0	0/0	0/0	99/38	0/0	0/0	
EE4E	28,980	150	90	MSHP	0/0	19/18	38/27	37/17	47/19	9/9	EA4GZD, EB4BZA
Tunisia											
3V8SS	1,357,689	2,049	141	SO-MIX-LP	0/0	139/26	280/27	773/38	415/27	442/23	KF5EYY
Call	Score	QSOs	Mults	Category	160	80	40	20	15	10	Operator(s) and/or Host
Zone 39											
Cyprus											
C4W	996,224	1,228	181	SO-PH-HP	0/0	47/28	227/44	713/58	218/37	23/14	5B4WN
P3X	4,255,180	3,077	302	SOU-CW-HP	56/29	411/50	787/69	1,134/78	639/60	50/16	UT5UDX
5B/RN3QO	1,428,526	1,344	242	SOU-CW-LP	116/26	218/44	314/49	437/57	156/44	103/22	
Israel											
4X6FR	2,234,372	2,458	199	SO-MIX-HP	2/2	175/32	589/42	1,119/56	416/42	157/25	
4Z4AK	1,282,011	1,605	177	SO-MIX-HP	36/16	228/33	370/35	684/47	228/29	59/17	
4X1IM	56,811	195	87	SO-MIX-HP	0/0	8/6	26/18	90/38	66/20	5/5	
4X6DK	47,188	163	94	SO-PH-LP	0/0	17/17	36/24	78/31	20/10	12/12	
4X4LF	6,642	55	41	SO-PH-LP	0/0	0/0	0/0	32/24	23/17	0/0	
4Z5FI	4,050	48	27	SO-PH-LP	0/0	48/27	0/0	0/0	0/0	0/0	
4X1VF	272,391	583	109	SO-CW-HP	0/0	30/13	29/12	266/38	205/32	53/14	
4Z4KX	50,934	297	39	SO-CW-LP	0/0	297/39	0/0	0/0	0/0	0/0	
4Z7Z	798,903	973	189	SOU-PH-HP	0/0	33/21	38/32	703/72	141/43	58/21	4X1DX
4X4DZ	537,247	1,096	107	SOU-CW-HP	0/0	0/0	0/0	559/46	312/38	225/23	
Lebanon											
OD5PY	6,177	62	29	SOU-PH-HP	0/0	0/0	0/0	54/24	7/4	1/1	

Maritime Mobile											
RAØLQ/MM	437,437	709	143	SO-MIX-LP	0/0	0/0	88/36	294/53	221/34	106/20	
Qatar											
A71AE	304	20	16	SOU-MIX-HP	0/0	0/0	0/0	19/15	1/1	0/0	
Saudi Arabia											
7Z1SJ	65,366	306	49	SO-CW-LP	0/0	0/0	0/0	306/49	0/0	0/0	
HZ1TT	33,528	316	24	SO-CW-HP	0/0	0/0	0/0	316/24	0/0	0/0	
Turkey											
TA1FA	12,561	112	53	SO-MIX-QRP	0/0	12/11	12/8	69/22	5/5	14/7	
TC4A	5,301	69	19	SO-MIX-HP	0/0	0/0	69/19	0/0	0/0	0/0	TA4CS
TA2JU	16,121	98	47	SO-PH-LP	0/0	4/4	28/12	55/23	6/5	5/3	
TA2ANL	15,648	99	48	SO-PH-LP	0/0	0/0	59/28	40/20	0/0	0/0	
TA2DE	15,470	113	34	SO-PH-HP	0/0	0/0	0/0	113/34	0/0	0/0	
TA1API	11,529	101	63	SO-PH-HP	0/0	15/14	52/26	23/13	7/6	4/4	
TA3NEB	8,127	70	43	SO-PH-LP	0/0	0/0	15/10	33/18	18/11	4/4	
TA7OYG	1,365	34	13	SO-PH-LP	0/0	0/0	0/0	34/13	0/0	0/0	
TA3EP	85	5	5	SO-PH-LP	0/0	0/0	1/1	4/4	0/0	0/0	
TAØTA	84	7	6	SO-PH-LP	0/0	0/0	7/6	0/0	0/0	0/0	
TA1OSN	39	3	3	SO-PH-LP	0/0	0/0	0/0	3/3	0/0	0/0	
TA7AGL	0	0	0	SO-PH-QRP	0/0	0/0	0/0	0/0	0/0	0/0	
TA7I	240,075	553	97	SO-CW-LP	0/0	0/0	63/17	229/32	147/26	114/22	
TA1NAI	12,100	110	44	SO-CW-LP	0/0	10/6	46/20	54/18	0/0	0/0	
TA4SO	16,422	102	46	SOU-MIX-LP	0/0	0/0	0/0	54/20	38/16	10/10	
TA2OLS	7,192	71	31	SOU-PH-LP	0/0	0/0	0/0	71/31	0/0	0/0	
TA5FA	79,429	365	49	SOU-CW-LP	0/0	194/25	0/0	105/17	52/5	14/2	
TC3N	134,784	438	72	MSHP	0/0	1/1	3/3	365/52	69/16	0/0	TA3ON, TA3UDK
United Arab Emirates											
A61BK	31,949	186	43	SO-PH-QRP	0/0	0/0	6/4	176/35	4/4	0/0	
A61FK	7,128	69	27	SO-PH-LP	0/0	0/0	16/8	53/19	0/0	0/0	
A61ZX	6,012	60	36	SO-PH-LP	0/0	0/0	16/12	38/18	6/6	0/0	
A61EK	25,922	212	26	SO-CW-HP	0/0	0/0	28/8	184/18	0/0	0/0	
Call	Score	QSOs	Mults	Category	160	80	40	20	15	10	Operator(s) and/or Host
Zone 41											
India											
VU2JOS	910	19	13	SO-MIX-LP	0/0	0/0	0/0	19/13	0/0	0/0	
VU3ESV	189	15	9	SO-MIX-LP	0/0	0/0	1/1	14/8	0/0	0/0	
VU3WBB	4,309	48	31	SO-PH-LP	0/0	0/0	3/3	36/19	9/9	0/0	
VU2KWJ	350	13	10	SO-PH-LP	0/0	0/0	0/0	13/10	0/0	0/0	
VU3BUN	81	9	9	SO-PH-LP	0/0	0/0	0/0	6/6	3/3	0/0	
VU3JXJ	21	3	3	SO-PH-LP	0/0	0/0	0/0	3/3	0/0	0/0	
VU3OXH	2	2	2	SO-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 42											
China											
BGØCOH	53,703	265	51	SO-PH-LP	0/0	0/0	0/0	257/44	8/7	0/0	
Call	Score	QSOs	Mults	Category	160	80	40	20	15	10	Operator(s) and/or Host
Zone 43											
China											
BG3KKZ	12,558	96	46	SO-MIX-LP	0/0	1/1	26/16	42/15	23/10	4/4	
BG8BXM	23,613	145	51	SO-CW-LP	0/0	0/0	30/16	81/21	29/11	5/3	
BG8TFN	15,680	163	32	SO-CW-LP	0/0	0/0	0/0	106/18	24/10	33/4	
BG8PM	4,720	78	20	SO-CW-LP	0/0	0/0	0/0	78/20	0/0	0/0	
BH7QP	854	19	14	SO-CW-LP	0/0	1/1	5/4	11/7	1/1	1/1	
BA7QT	234,375	511	125	SOU-MIX-HP	0/0	8/5	223/55	205/40	41/16	34/9	
BG9NJY	24,544	134	59	SOU-MIX-HP	0/0	0/0	24/14	78/28	29/14	3/3	
BH8ASZ	18,304	121	52	SOU-MIX-LP	0/0	1/1	19/12	60/21	32/12	9/6	
BH8PHG	270	13	10	SOU-PH-LP	0/0	0/0	0/0	12/9	1/1	0/0	
BA8BA	324,480	672	128	SOU-CW-HP	0/0	0/0	84/33	414/57	161/34	13/4	
BG8SRK	3,725	48	25	SOU-CW-LP	0/0	0/0	0/0	32/12	11/8	5/5	

Call	Score	QSOs	Mults	Category	160	80	40	20	15	10	Operator(s) and/or Host
Zone 44											
China											
BA3MM	67,725	344	63	SO-MIX-LP	0/0	11/5	0/0	255/39	78/19	0/0	
BA5AB	15,680	94	49	SO-MIX-LP	0/0	0/0	34/16	40/19	17/11	3/3	
BG2KAJ	4,294	53	38	SO-MIX-LP	0/0	0/0	12/9	20/14	15/10	6/5	
BG6TVZ	1,960	45	20	SO-MIX-LP	0/0	0/0	11/6	19/8	15/6	0/0	
BI4VIP	1,896	45	24	SO-MIX-LP	0/0	3/2	21/10	8/4	9/5	4/3	
BH1RWJ	1,296	39	16	SO-MIX-LP	0/0	0/0	35/13	4/3	0/0	0/0	
BA4VE	504	16	12	SO-MIX-LP	0/0	1/1	3/2	6/6	6/3	0/0	
BG5BAA	6,630	74	30	SO-PH-HP	0/0	0/0	19/10	52/17	3/3	0/0	
BH3SCC	880	21	20	SO-PH-LP	0/0	0/0	6/6	9/8	6/6	0/0	
BG4JO	650	21	13	SO-PH-LP	0/0	0/0	7/4	14/9	0/0	0/0	
BH4LLP	533	21	13	SO-PH-LP	0/0	0/0	3/3	18/10	0/0	0/0	
BD6AHP	45	5	5	SO-PH-LP	0/0	0/0	5/5	0/0	0/0	0/0	
BH4IWK	32	4	4	SO-PH-LP	0/0	0/0	0/0	4/4	0/0	0/0	
BG5GLV	24	4	4	SO-PH-LP	0/0	0/0	0/0	4/4	0/0	0/0	
BD4RHV	9	3	3	SO-PH-LP	0/0	0/0	2/2	1/1	0/0	0/0	
BH4EPK	8	4	2	SO-PH-LP	0/0	0/0	0/0	4/2	0/0	0/0	
BG5BDY	11,088	112	36	SO-CW-LP	0/0	0/0	53/17	54/14	5/5	0/0	
BD7JZC	4,400	59	22	SO-CW-LP	0/0	0/0	8/5	46/14	5/3	0/0	
BG5JNT	3,050	43	25	SO-CW-LP	0/0	0/0	27/12	13/11	3/2	0/0	
BG7SAZ	2,898	59	14	SO-CW-LP	0/0	0/0	59/14	0/0	0/0	0/0	
BG7NRG	2,329	49	17	SO-CW-LP	0/0	0/0	12/5	34/9	3/3	0/0	
BD7BW	1,125	49	9	SO-CW-LP	0/0	0/0	0/0	0/0	17/4	32/5	
BH4BFS	1,078	58	7	SO-CW-LP	0/0	0/0	58/7	0/0	0/0	0/0	
BD7PTS	756	23	12	SO-CW-LP	0/0	0/0	5/5	15/6	3/1	0/0	
BH4XDZ	376	22	8	SO-CW-LP	0/0	0/0	0/0	22/8	0/0	0/0	
BG3UTD	84	8	7	SO-CW-LP	0/0	0/0	3/3	3/2	2/2	0/0	
BD4LB	72	6	6	SO-CW-LP	0/0	0/0	5/5	0/0	1/1	0/0	
BH4EUJ	205,897	638	103	SOU-MIX-HP	0/0	0/0	135/28	308/47	111/20	84/8	BA4DL
BI4SDT	15,794	115	53	SOU-MIX-LP	0/0	1/1	59/25	30/12	18/10	7/5	
BH4TQX	13,960	129	40	SOU-MIX-LP	0/0	0/0	32/15	55/17	36/6	6/2	
BA5CW	12,342	125	33	SOU-MIX-LP	0/0	0/0	84/16	10/7	24/6	7/4	
BH6KWC	2,600	45	25	SOU-MIX-LP	0/0	2/2	20/8	17/9	5/5	1/1	
BH4OUF	1,040	29	20	SOU-MIX-LP	0/0	0/0	11/8	18/12	0/0	0/0	
BG4HYK	220	18	5	SOU-MIX-LP	0/0	0/0	18/5	0/0	0/0	0/0	
BD7JNA	72,420	290	85	SOU-CW-LP	0/0	4/4	93/29	130/32	41/13	22/7	
BH1NGG	61,557	313	71	SOU-CW-LP	0/0	2/2	100/26	148/27	49/13	14/3	
BG7OAJ	38,006	211	62	SOU-CW-LP	0/0	3/3	115/25	63/20	21/10	9/4	
BA1RB	12,110	128	35	SOU-CW-LP	0/0	0/0	14/5	34/12	57/13	23/5	
BI3NTC	9,516	103	39	SOU-CW-LP	0/0	2/2	36/10	50/17	11/7	4/3	
BG4OP	383,400	793	150	MSHP	0/0	25/7	244/44	311/55	166/34	47/10	BA4MY, BD3TX, BI4IIZ, BI4KKC
BD7DT	127,774	586	58	MSHP	0/0	0/0	0/0	586/58	0/0	0/0	BD7DX, BG7BES, BG7EBO, BG7FKH,
BI4NLB	83,538	386	78	MSHP	0/0	0/0	45/24	259/40	81/13	1/1	BG4DZL, BG4GDN, BG4GOV, BH4BJP, BH4BWX, BH4DBP, BH4DPU, BH4ESB, BI4NLB
BG7JJW	70,630	317	70	MSHP	0/0	0/0	88/31	204/31	25/8	0/0	BD7JOO, BD7KBB, BD7KBB, BD7LPD, BD7LPY, BD7MCP, BD7MTJ, BH7KBE,
BI4RBD	27,544	238	44	MSHP	0/0	1/1	49/15	36/11	61/10	91/7	BD4QA, BD4QB, BD4RWR, BH4XBU, BI4RBD, BI4TGL, BI4XYP, BI4XYS
Hong Kong											
VR2XAN	531,298	767	211	SO-MIX-HP	0/0	64/30	179/57	353/66	127/43	44/15	
VR2CO	26,964	155	63	SO-MIX-HP	0/0	0/0	81/36	46/15	21/9	7/3	
VR2XRW	186	9	6	SOU-MIX-HP	0/0	0/0	8/5	1/1	0/0	0/0	
Republic of Korea											
HL1/LZ4AX	255,316	755	116	SO-MIX-LP	0/0	36/10	230/43	199/30	190/23	100/10	
D73F	8,755	188	17	SO-MIX-HP	0/0	1/1	29/5	79/5	73/5	6/1	HL4CEL
HL2CFY	4,644	56	27	SO-MIX-LP	0/0	0/0	1/1	49/21	2/2	4/3	
HL4CEL	2,780	101	10	SO-MIX-HP	0/0	0/0	21/2	45/3	28/4	7/1	
HL2VXK	408	15	12	SO-MIX-LP	0/0	0/0	3/2	11/9	1/1	0/0	
DS4EOI	318,645	877	97	SO-CW-HP	7/1	7/2	311/27	340/34	158/26	54/7	
HL2BQG	98,050	466	74	SO-CW-HP	0/0	0/0	187/27	125/22	107/17	47/8	
6K2IXF	25,885	296	31	SO-CW-LP	0/0	0/0	156/16	80/8	47/5	13/2	
HL5YI	12,800	105	40	SO-CW-HP	0/0	0/0	29/11	76/29	0/0	0/0	

DS5DNO	1,496	44	11	SO-CW-LP	0/0	0/0	44/11	0/0	0/0	0/0	
HL4CFN	154	10	7	SO-CW-LP	0/0	0/0	10/7	0/0	0/0	0/0	
HL3AMO	135,625	361	125	SOU-MIX-LP	1/1	10/7	107/40	154/45	67/25	22/7	
Taiwan											
BV1EK	7,344	67	34	SO-MIX-HP	0/0	0/0	0/0	41/20	26/14	0/0	
BV3UJ	2,702	66	14	SO-MIX-LP	0/0	0/0	0/0	66/14	0/0	0/0	
BU2EQ	6,358	67	34	SO-PH-LP	0/0	0/0	17/10	42/16	8/8	0/0	
BU2BO	2,960	58	16	SO-PH-LP	0/0	0/0	0/0	49/10	9/6	0/0	
BX2AGF	1,771	39	23	SO-PH-LP	0/0	0/0	7/7	26/11	5/4	1/1	
BU2EO	53,159	342	53	SO-CW-LP	0/0	0/0	140/16	148/21	45/12	9/4	
BU2EP	2,775	49	25	SOU-PH-LP	0/0	0/0	28/12	13/8	7/4	1/1	
Call	Score	QSOs	Mults	Category	160	80	40	20	15	10	Operator(s) and/or Host
Zone 45											
Japan											
JE6RPM	1,240,272	1,622	198	SO-MIX-HP	4/2	37/12	417/53	700/57	291/43	173/31	JH5GHM
JR2GRX	1,133,088	1,392	222	SO-MIX-HP	10/5	54/19	435/65	596/66	242/53	55/14	
JM1MTE	158,125	356	125	SO-MIX-LP	0/0	21/10	137/39	106/42	71/23	21/11	
JK2VOC	112,992	394	107	SO-MIX-LP	3/2	33/8	115/23	143/44	86/22	14/8	
JA2AXB	65,527	240	77	SO-MIX-HP	0/0	0/0	72/24	126/34	42/19	0/0	
JA7BEW	48,032	199	76	SO-MIX-LP	1/1	15/7	80/25	50/22	41/14	12/7	
JF1WNT	37,765	182	65	SO-MIX-LP	0/0	0/0	79/23	66/27	15/9	22/6	
JE4MHL	33,364	135	76	SO-MIX-LP	1/1	5/3	46/21	39/25	29/20	15/6	
JR4ISF/3	32,922	202	59	SO-MIX-LP	0/0	4/1	34/12	76/18	77/22	11/6	
JR3AAZ	30,104	115	106	SO-MIX-LP	1/1	1/1	28/26	53/46	25/25	7/7	
JG2RFJ	25,650	133	57	SO-MIX-LP	0/0	0/0	32/14	64/26	29/11	8/6	
JH1FNU	22,110	134	55	SO-MIX-LP	0/0	0/0	43/15	38/19	36/15	17/6	
JF1KWG	16,464	123	48	SO-MIX-LP	1/1	1/1	37/14	30/14	39/12	15/6	
JJØUSR	14,214	91	46	SO-MIX-LP	0/0	0/0	66/30	8/6	15/8	2/2	
JE4CIL	12,240	80	45	SO-MIX-HP	0/0	0/0	23/13	48/25	9/7	0/0	
JH2XQY	10,496	75	41	SO-MIX-LP	0/0	0/0	26/15	39/19	7/5	3/2	
JF5SIM	10,200	81	40	SO-MIX-HP	0/0	0/0	45/17	26/16	10/7	0/0	
JE5JHZ	8,550	68	45	SO-MIX-HP	1/1	3/3	34/16	29/24	1/1	0/0	
JK1NSR	8,103	83	37	SO-MIX-LP	0/0	0/0	17/6	37/18	19/9	10/4	
JH9CEN	7,524	75	36	SO-MIX-HP	0/0	0/0	4/2	46/19	22/12	3/3	
JA1AZR	7,310	61	34	SO-MIX-LP	0/0	1/1	31/13	19/11	8/7	2/2	
JA1SCE	7,242	62	34	SO-MIX-LP	0/0	0/0	29/12	14/8	16/11	3/3	
JA8DNV	6,210	61	30	SO-MIX-HP	2/2	26/10	13/6	6/6	14/6	0/0	
JK7BEJ	4,704	66	28	SO-MIX-LP	0/0	0/0	26/11	22/10	18/7	0/0	
JR2EKD	3,456	63	24	SO-MIX-QRP	0/0	6/2	23/8	0/0	16/8	18/6	
JA1GVM	2,700	41	20	SO-MIX-HP	0/0	1/1	24/8	9/6	5/4	2/1	
JH4FUF	2,670	36	30	SO-MIX-LP	0/0	1/1	15/12	11/9	7/7	2/1	
JE3UHV	1,869	38	21	SO-MIX-LP	0/0	0/0	0/0	27/14	11/7	0/0	
JE1GWO	1,755	34	27	SO-MIX-LP	1/1	1/1	7/6	20/16	2/1	3/2	
JK1TCV	1,628	30	22	SO-MIX-QRP	1/1	1/1	6/4	10/8	9/6	3/2	
JO7GVC	885	31	15	SO-MIX-HP	0/0	0/0	1/1	1/1	28/12	1/1	
JO1WIZ	848	25	16	SO-MIX-LP	0/0	0/0	2/1	8/4	9/7	6/4	
JA7OWD	780	22	13	SO-MIX-HP	0/0	0/0	0/0	0/0	1/1	21/12	
JE8FYE	780	22	10	SO-MIX-LP	0/0	1/1	19/7	0/0	1/1	1/1	
JJ1NZA	540	19	12	SO-MIX-LP	0/0	0/0	12/7	0/0	7/5	0/0	
JN1DNV	448	16	14	SO-MIX-LP	0/0	1/1	3/3	2/2	7/5	3/3	
JF1OVA	392	20	8	SO-MIX-LP	0/0	0/0	0/0	0/0	0/0	20/8	
JR1MEG/1	340	16	10	SO-MIX-LP	0/0	0/0	0/0	0/0	0/0	16/10	
JA1CRJ	245	11	7	SO-MIX-LP	0/0	1/1	7/3	3/3	0/0	0/0	
JF1OPO	78	9	6	SO-MIX-LP	1/1	0/0	3/2	3/2	2/1	0/0	
JH8CLC/1	70	10	7	SO-MIX-LP	1/1	1/1	2/1	2/1	2/1	2/2	
JA4DWG	60	10	6	SO-MIX-HP	1/1	1/1	2/1	2/1	2/1	2/1	
7N2UQC	9,810	75	45	SO-PH-LP	0/0	0/0	31/15	33/21	8/6	3/3	
JA8IJI	5,577	52	39	SO-PH-HP	0/0	0/0	26/15	20/18	4/4	2/2	
JA9CCG	4,588	48	31	SO-PH-HP	0/0	0/0	1/1	36/20	9/8	2/2	
JR1QBA	4,170	50	30	SO-PH-LP	0/0	0/0	16/8	22/15	5/4	7/3	
JH2BTM	2,210	31	26	SO-PH-HP	0/0	0/0	11/8	15/14	5/4	0/0	
JHØJDV	1,428	24	17	SO-PH-LP	0/0	0/0	17/10	7/7	0/0	0/0	
JG3XDR	1,140	28	15	SO-PH-LP	0/0	0/0	0/0	28/15	0/0	0/0	
JA2MWV	630	16	14	SO-PH-QRP	0/0	0/0	8/6	0/0	6/6	2/2	
JP3MFV	600	15	12	SO-PH-LP	0/0	0/0	2/2	13/10	0/0	0/0	
JM8FEI	588	19	14	SO-PH-LP	0/0	0/0	10/5	7/7	1/1	1/1	

JR1MRG	360	14	12	SO-PH-LP	0/0	0/0	6/4	4/4	4/4	0/0	
JA2IXS	340	12	10	SO-PH-HP	0/0	0/0	6/4	3/3	3/3	0/0	
JG1GCO	112	8	8	SO-PH-LP	0/0	0/0	1/1	6/6	1/1	0/0	
JAØCLB	80	5	4	SO-PH-HP	0/0	0/0	2/1	2/2	1/1	0/0	
JR1JRW	78	7	6	SO-PH-LP	0/0	0/0	2/2	4/3	1/1	0/0	
JA1NEZ	55	5	5	SO-PH-QRP	0/0	0/0	0/0	0/0	0/0	5/5	
JH1BHW	40	4	4	SO-PH-LP	0/0	0/0	0/0	4/4	0/0	0/0	
JA9EJG	35	5	5	SO-PH-LP	0/0	0/0	2/2	2/2	1/1	0/0	
JO7FGZ	9	3	3	SO-PH-QRP	0/0	1/1	1/1	1/1	0/0	0/0	
J11KIC	0	1	1	SO-PH-QRP	0/0	0/0	0/0	0/0	1/1	0/0	
JA1MYW	-2	1	1	SO-PH-LP	0/0	0/0	0/0	0/0	1/1	0/0	
JA1BJI	413,205	783	169	SO-CW-LP	6/4	50/13	277/50	227/49	172/38	51/15	
JA7ACM	231,013	490	127	SO-CW-HP	1/1	21/11	240/52	208/49	18/13	2/1	
JA9CWJ	109,763	276	109	SO-CW-HP	0/0	4/3	66/25	127/43	70/31	9/7	
JR3RIU	97,455	378	89	SO-CW-HP	0/0	0/0	143/31	146/38	54/14	35/6	
JA1AYO	77,691	275	87	SO-CW-HP	4/2	5/4	78/22	109/35	64/18	15/6	
8J3ICOM	75,417	442	69	SO-CW-LP	0/0	0/0	49/10	165/31	215/23	13/5	JF3PLF
JA6ELV	66,127	208	89	SO-CW-LP	0/0	3/2	39/22	117/43	42/17	7/5	
JF2FIU	57,600	313	75	SO-CW-LP	16/3	54/9	100/19	76/23	55/15	12/6	
JA6FFK	52,206	196	77	SO-CW-LP	3/3	2/2	54/20	106/35	21/10	10/7	
JO7KMB	49,678	288	59	SO-CW-HP	0/0	0/0	0/0	288/59	0/0	0/0	
JH7IXX	35,340	218	62	SO-CW-LP	0/0	22/7	79/22	99/26	18/7	0/0	
JR1NKN	31,903	201	61	SO-CW-QRP	0/0	2/2	51/15	75/25	41/12	32/7	
JA3HBF	30,031	171	59	SO-CW-HP	0/0	28/7	27/13	65/24	28/9	23/6	
JA3DAY	24,072	120	59	SO-CW-LP	0/0	0/0	0/0	94/40	21/15	5/4	
JQ2OUL	18,232	119	53	SO-CW-LP	1/1	7/3	30/10	53/26	16/8	12/5	
JA2KKA	17,856	117	48	SO-CW-LP	0/0	0/0	74/25	19/11	19/8	5/4	
JA4VNE	15,093	140	43	SO-CW-HP	0/0	0/0	70/22	19/8	25/9	26/4	
JH8GEU	13,950	101	45	SO-CW-HP	0/0	0/0	0/0	101/45	0/0	0/0	
JG3LGD	11,385	87	45	SO-CW-HP	0/0	0/0	27/16	33/13	22/11	5/5	
JR1LEV	10,872	82	36	SO-CW-LP	0/0	0/0	62/21	14/9	6/6	0/0	
JH1VIX	10,291	83	41	SO-CW-LP	0/0	0/0	37/15	27/14	13/9	6/3	
J11VFE	10,044	73	36	SO-CW-HP	0/0	0/0	56/21	11/10	6/5	0/0	
J11RSF	9,800	76	40	SO-CW-LP	0/0	3/3	20/10	34/16	12/7	7/4	
JH3FUK	9,525	83	25	SO-CW-HP	0/0	0/0	83/25	0/0	0/0	0/0	
JA2QVP	8,740	80	38	SO-CW-LP	0/0	2/2	31/12	20/10	18/11	9/3	
JE1RRK	7,776	81	27	SO-CW-LP	0/0	0/0	0/0	81/27	0/0	0/0	
JA3GZE/1	6,336	59	32	SO-CW-LP	0/0	0/0	7/4	35/19	13/7	4/2	
JA2GHP	6,016	65	32	SO-CW-LP	0/0	0/0	0/0	44/19	19/11	2/2	
JHØEPI	5,934	64	23	SO-CW-LP	0/0	0/0	44/15	20/8	0/0	0/0	
JM7GTK	5,808	55	33	SO-CW-LP	1/1	1/1	30/12	12/10	7/5	4/4	
JN3NYR	5,790	55	30	SO-CW-LP	0/0	2/2	30/11	16/11	6/5	1/1	
JR1AQI	5,700	60	25	SO-CW-LP	0/0	0/0	0/0	60/25	0/0	0/0	
JAØBJY	5,616	58	26	SO-CW-LP	0/0	0/0	22/9	36/17	0/0	0/0	
JK1WSH	5,448	72	24	SO-CW-HP	0/0	0/0	0/0	72/24	0/0	0/0	
JG1TGQ	5,174	54	26	SO-CW-HP	0/0	0/0	30/11	10/5	10/7	4/3	
JA6FCL	5,160	51	30	SO-CW-LP	0/0	0/0	0/0	51/30	0/0	0/0	
JF1NZW	4,820	55	20	SO-CW-HP	0/0	0/0	55/20	0/0	0/0	0/0	
JA4ENY	4,077	58	27	SO-CW-LP	0/0	0/0	37/14	14/8	7/5	0/0	
J11LBJ	4,011	101	21	SO-CW-LP	0/0	0/0	1/1	1/1	1/1	98/18	
J12YDV	4,000	58	25	SO-CW-LP	0/0	0/0	25/10	0/0	29/12	4/3	JS2PHO
JN7KRH	3,950	41	25	SO-CW-LP	0/0	0/0	14/6	25/17	0/0	2/2	
JL1CNY	3,910	51	23	SO-CW-LP	0/0	0/0	34/12	17/11	0/0	0/0	
JG6SRL	3,850	50	25	SO-CW-LP	0/0	0/0	38/18	11/6	1/1	0/0	
JHØZHQ	3,740	54	17	SO-CW-HP	0/0	0/0	54/17	0/0	0/0	0/0	JH1GNU
JA8HBO	3,567	45	29	SO-CW-LP	0/0	0/0	5/5	32/17	8/7	0/0	
7K1JFM	3,190	41	22	SO-CW-LP	0/0	0/0	26/12	15/10	0/0	0/0	
JA1UOA	3,151	42	23	SO-CW-HP	0/0	0/0	24/9	10/8	5/4	3/2	
JH9JFH	2,873	41	17	SO-CW-LP	0/0	0/0	41/17	0/0	0/0	0/0	
JM2LEI	2,784	35	24	SO-CW-LP	0/0	1/1	10/6	8/6	12/7	4/4	
JRØBQD	2,730	34	21	SO-CW-LP	0/0	0/0	32/19	0/0	0/0	2/2	
JH4CES	2,716	38	28	SO-CW-LP	2/2	14/5	11/11	6/5	3/3	2/2	
JR8QFG	2,352	34	21	SO-CW-LP	1/1	12/8	18/9	1/1	1/1	1/1	
JA1HOM	1,881	31	19	SO-CW-LP	0/0	3/3	28/16	0/0	0/0	0/0	
JA2OAW	1,725	29	15	SO-CW-LP	0/0	0/0	29/15	0/0	0/0	0/0	
JR1BVP	1,610	32	23	SO-CW-LP	4/2	6/3	5/4	7/7	5/5	5/2	
JA3AVO	1,360	24	17	SO-CW-HP	0/0	0/0	15/10	9/7	0/0	0/0	
JR2UBS	1,344	24	12	SO-CW-HP	0/0	0/0	24/12	0/0	0/0	0/0	
JA7ARW	1,215	27	15	SO-CW-LP	0/0	0/0	17/7	2/2	5/4	3/2	

JH1TJH	1,176	24	14	SO-CW-LP	0/0	0/0	14/6	10/8	0/0	0/0	
JG1BBD	1,014	22	13	SO-CW-LP	0/0	0/0	22/13	0/0	0/0	0/0	
J11BBN	768	20	16	SO-CW-LP	0/0	1/1	1/1	1/1	8/6	9/7	
JG5JXW	735	24	15	SO-CW-LP	0/0	0/0	18/9	5/5	1/1	0/0	
JR3NDM	560	17	14	SO-CW-LP	0/0	0/0	2/2	13/10	2/2	0/0	
JG1OGM	528	12	11	SO-CW-HP	0/0	0/0	6/6	5/4	1/1	0/0	
J13KDH	528	19	12	SO-CW-LP	0/0	0/0	0/0	0/0	11/7	8/5	
JRØGXA	517	15	11	SO-CW-LP	1/1	0/0	13/9	0/0	1/1	0/0	
JA3JND	450	15	10	SO-CW-LP	0/0	0/0	8/5	5/3	1/1	1/1	
JRØECQ	407	14	11	SO-CW-LP	0/0	1/1	10/7	2/2	1/1	0/0	
JA7AXP	385	55	7	SO-CW-LP	0/0	0/0	0/0	0/0	0/0	0/0	
JL2OGZ/2	352	15	11	SO-CW-LP	0/0	0/0	1/1	5/4	7/5	2/1	
JA3RAZ	304	17	8	SO-CW-LP	0/0	0/0	0/0	0/0	0/0	17/8	
JK1DET	294	16	14	SO-CW-LP	0/0	2/2	2/2	2/2	6/5	4/3	
JR3XEX	280	11	8	SO-CW-LP	0/0	0/0	11/8	0/0	0/0	0/0	
JA5RB	272	12	8	SO-CW-HP	0/0	0/0	0/0	7/4	3/3	2/1	
JA1LKY	248	15	8	SO-CW-LP	0/0	0/0	0/0	0/0	15/8	0/0	
JH1WOY	224	10	7	SO-CW-LP	0/0	0/0	7/4	3/3	0/0	0/0	
JA1GQC	210	12	6	SO-CW-LP	0/0	0/0	0/0	12/6	0/0	0/0	
J11FOE	210	12	6	SO-CW-HP	0/0	0/0	0/0	12/6	0/0	0/0	
JO1DGE	186	9	6	SO-CW-LP	1/1	0/0	8/5	0/0	0/0	0/0	
JE6TUP	138	7	6	SO-CW-LP	0/0	0/0	2/2	1/1	3/2	1/1	
JH1UES	126	7	6	SO-CW-LP	0/0	0/0	1/1	1/1	5/4	0/0	
JA9XAT	96	6	6	SO-CW-LP	0/0	0/0	3/3	2/2	0/0	1/1	
JE1ILP	77	7	7	SO-CW-QRP	1/1	0/0	1/1	3/3	2/2	0/0	
JK1LUY	39	3	3	SO-CW-HP	0/0	0/0	0/0	3/3	0/0	0/0	
JR2AAN/2	24	4	4	SO-CW-LP	0/0	0/0	0/0	0/0	4/4	0/0	
JF1GZZ	4	2	2	SO-CW-LP	0/0	0/0	0/0	1/1	1/1	0/0	
JF1TEU	1	1	1	SO-CW-LP	0/0	0/0	0/0	1/1	0/0	0/0	
JH4UTP	880,992	1,140	224	SOU-MIX-HP	3/3	41/19	334/67	454/72	256/48	52/15	
JG7AMD	246,225	479	147	SOU-MIX-HP	0/0	0/0	155/43	193/55	124/44	7/5	
JJØJML	213,035	479	137	SOU-MIX-HP	0/0	12/8	133/35	248/58	73/30	13/6	
JA1BPA	69,148	194	118	SOU-MIX-HP	0/0	1/1	16/12	112/66	56/33	9/6	
JM1NKT	60,630	221	86	SOU-MIX-LP	8/3	29/12	59/22	78/28	39/15	8/6	
JG1LFR	56,525	222	85	SOU-MIX-QRP	2/2	18/7	76/27	69/28	37/14	20/7	
JJ3JL	39,195	210	65	SOU-MIX-HP	2/2	1/1	124/24	61/26	17/8	5/4	
JF9JTS	37,526	187	58	SOU-MIX-HP	0/0	1/1	12/6	140/34	29/14	5/3	JAØTEA
J11HFJ	29,172	132	68	SOU-MIX-LP	1/1	7/6	64/26	28/19	14/9	18/7	
JHØROS/1	25,245	151	55	SOU-MIX-LP	1/1	1/1	77/27	48/16	14/7	10/3	
JAGGMC	24,357	133	69	SOU-MIX-HP	0/0	5/5	24/14	29/13	47/24	28/13	
J11FLB	22,098	146	58	SOU-MIX-LP	0/0	2/2	24/9	68/30	32/11	20/6	
7K4VPV	22,000	134	50	SOU-MIX-HP	0/0	0/0	46/15	55/19	23/10	10/6	
7L3PFH	19,604	104	58	SOU-MIX-QRP	0/0	0/0	55/30	33/19	13/7	3/2	
JR2ALA	16,588	110	44	SOU-MIX-LP	0/0	1/1	61/20	45/20	3/3	0/0	
JA1UII	14,616	86	56	SOU-MIX-LP	0/0	1/1	22/10	31/23	26/18	6/4	
JF1RYU	11,970	85	45	SOU-MIX-LP	0/0	0/0	18/11	48/21	10/9	9/4	
JR1BAS	5,160	50	24	SOU-MIX-HP	0/0	6/4	38/16	4/3	0/0	2/1	
JH1APK	3,780	42	30	SOU-MIX-HP	0/0	9/6	18/13	15/11	0/0	0/0	
J12IXA	754	18	13	SOU-MIX-LP	0/0	0/0	16/11	2/2	0/0	0/0	
JH8SGR	405	15	9	SOU-MIX-HP	0/0	0/0	0/0	0/0	0/0	15/9	
JQ1PCT	270	13	10	SOU-MIX-LP	0/0	1/1	7/5	2/1	2/2	1/1	
JE6PIP	154	8	7	SOU-MIX-LP	0/0	0/0	4/3	0/0	3/3	1/1	
JR4VEV	140	12	7	SOU-MIX-HP	1/1	1/1	2/1	4/2	2/1	2/1	
JH5MXB	7,446	74	34	SOU-PH-HP	0/0	0/0	0/0	74/34	0/0	0/0	
JA8TGD	1,577	26	19	SOU-PH-HP	0/0	0/0	0/0	25/18	1/1	0/0	
JA1LNZ	1,430	31	13	SOU-PH-HP	0/0	0/0	31/13	0/0	0/0	0/0	
JN3MXT	205	13	5	SOU-PH-HP	0/0	0/0	0/0	13/5	0/0	0/0	
JH1EAQ	327,520	620	160	SOU-CW-LP	0/0	16/7	218/50	234/61	114/32	38/10	
JE1LFX	287,550	508	162	SOU-CW-HP	1/1	6/6	206/57	210/65	71/24	14/9	
JE1NVD	231,768	453	148	SOU-CW-HP	0/0	14/7	138/41	178/59	103/33	20/8	
JF2VAX	130,572	341	117	SOU-CW-LP	0/0	14/8	118/33	154/49	48/21	7/6	
JHØNEC	120,555	392	95	SOU-CW-LP	0/0	7/4	38/15	209/44	101/25	37/7	
JA2HYD	112,746	281	114	SOU-CW-HP	0/0	8/6	105/41	106/40	51/21	11/6	
JG6JAV	78,012	306	99	SOU-CW-LP	0/0	19/7	150/41	51/27	62/20	24/4	
JA5NSR	73,336	223	103	SOU-CW-HP	0/0	17/6	109/45	61/31	32/17	4/4	
JH1CTV	70,056	286	84	SOU-CW-HP	0/0	17/8	173/43	34/13	45/14	17/6	
JR2AWS	68,112	268	86	SOU-CW-HP	5/3	36/12	97/28	82/27	41/12	7/4	
JF1LMB	46,620	177	74	SOU-CW-HP	0/0	2/2	72/27	71/28	24/13	8/4	
JG1EIQ	43,200	193	72	SOU-CW-LP	0/0	8/3	39/15	83/31	40/17	23/6	

JH7RTQ	37,520	171	67	SOU-CW-LP	0/0	0/0	0/0	85/34	80/29	6/4	
JA6BZI	34,020	154	63	SOU-CW-HP	0/0	0/0	0/0	154/63	0/0	0/0	
JA3VOV	28,158	185	57	SOU-CW-HP	3/2	6/2	57/15	74/23	34/11	11/4	
JA5IVG	18,130	128	49	SOU-CW-QRP	0/0	0/0	56/18	48/20	21/8	3/3	
JHØILL	11,104	106	32	SOU-CW-HP	0/0	0/0	106/32	0/0	0/0	0/0	
JF1MIA	10,120	131	40	SOU-CW-LP	0/0	0/0	23/12	31/12	49/10	28/6	
JM2LHB	9,960	87	40	SOU-CW-LP	0/0	0/0	15/7	52/20	18/11	2/2	
JJ2QXI	9,800	90	35	SOU-CW-LP	0/0	0/0	64/18	12/7	10/7	4/3	
JN1MSO	9,080	107	40	SOU-CW-QRP	0/0	7/2	23/9	37/13	31/12	9/4	
JA7CPW	7,668	71	27	SOU-CW-HP	0/0	0/0	69/25	2/2	0/0	0/0	
JM1VDM	3,451	50	17	SOU-CW-LP	0/0	0/0	0/0	50/17	0/0	0/0	
JA7GYP	3,014	38	22	SOU-CW-HP	0/0	0/0	0/0	38/22	0/0	0/0	
7K4AEA	1,050	23	14	SOU-CW-HP	0/0	0/0	0/0	23/14	0/0	0/0	
JK7DWD	484	22	22	SOU-CW-LP	0/0	0/0	4/4	15/15	2/2	1/1	
JA1KEB	198	9	6	SOU-CW-QRP	0/0	0/0	9/6	0/0	0/0	0/0	
JG1GOY	150	9	5	SOU-CW-QRP	0/0	0/0	0/0	0/0	9/5	0/0	
JA1SKM	24	4	4	SOU-CW-HP	0/0	0/0	1/1	2/2	1/1	0/0	
JA7ZFN	1,018,549	1,228	227	MSHP	7/3	48/15	402/63	470/77	249/52	52/17	JG7PSJ, JH7XMO, JP7DKQ
JE4YMO	357,714	720	167	MSHP	11/3	20/4	161/54	284/56	184/39	60/11	JM4MGM, JN4MIV, JN4MMO, JP3PKA, JR4OZR
JL3ZHU	8,288	94	37	MSHP	0/0	0/0	37/14	42/13	14/9	1/1	JL3RDC, JP3PZG
Ogasawara											
JD1BIA	310	12	10	SO-MIX-LP	0/0	0/0	12/10	0/0	0/0	0/0	
Call	Score	QSOs	Mults	Category	160	80	40	20	15	10	Operator(s) and/or Host
Zone 46											
Cape Verde											
D4Z	260,644	816	68	SOU-MIX-HP	0/0	0/0	0/0	816/68	0/0	0/0	IK2NCJ
Mauritania											
5T5PA	135,239	330	101	SOU-MIX-HP	0/0	2/2	175/35	89/28	27/19	37/17	
Senegal											
6W1SU	3,287	45	19	SO-PH-HP	0/0	0/0	0/0	45/19	0/0	0/0	
Call	Score	QSOs	Mults	Category	160	80	40	20	15	10	Operator(s) and/or Host
Zone 49											
Cambodia											
XU7AKJ	0	0	0	SO-PH-LP	0/0	0/0	0/0	0/0	0/0	0/0	
Thailand											
E2ØYLM	33,879	147	69	SO-MIX-LP	0/0	2/2	30/14	80/32	29/15	6/6	
E2ØNGF	34,398	171	63	SO-PH-LP	0/0	1/1	60/19	74/27	19/11	17/5	
E2ØZFD	2,288	39	22	SO-PH-LP	0/0	0/0	10/4	24/14	5/4	0/0	
E2ØWUE	40,320	193	63	SOU-MIX-HP	0/0	0/0	24/16	148/32	16/12	5/3	
HS7JEN	1,392	31	16	SOU-MIX-LP	0/0	0/0	14/8	17/8	0/0	0/0	
E21YDP	94,940	291	94	SOU-CW-LP	0/0	0/0	35/17	168/46	88/31	0/0	
HS8HEX	12,456	100	36	SOU-CW-LP	0/0	1/1	52/17	47/18	0/0	0/0	
HS8JKY	1,050	24	15	SOU-CW-LP	0/0	1/1	10/6	11/6	2/2	0/0	
Call	Score	QSOs	Mults	Category	160	80	40	20	15	10	Operator(s) and/or Host
Zone 50											
Philippines											
4E1A	109,032	345	77	SO-MIX-LP	0/0	15/8	115/24	172/35	43/10	0/0	4E1ADW
DU1VGX	4,136	55	22	SO-MIX-LP	0/0	0/0	36/14	19/8	0/0	0/0	
4F7FLO	1,562	48	11	SO-MIX-HP	0/0	0/0	47/10	1/1	0/0	0/0	
4F3FSK	135	9	5	SO-MIX-HP	0/0	1/1	2/2	6/2	0/0	0/0	
DU1RB	29,348	166	44	SO-PH-HP	0/0	0/0	22/14	141/27	3/3	0/0	
DV1YAI	11,960	144	23	SO-PH-LP	0/0	0/0	144/23	0/0	0/0	0/0	
DX1ER	2,880	70	10	SO-PH-HP	0/0	0/0	0/0	70/10	0/0	0/0	
DU1LAV	1,196	31	13	SO-PH-LP	0/0	0/0	31/13	0/0	0/0	0/0	
DW1PCX	979	28	11	SO-PH-LP	0/0	0/0	28/11	0/0	0/0	0/0	
4I1BNC	888	26	12	SO-PH-LP	0/0	0/0	26/12	0/0	0/0	0/0	
DU9WTZ	845	20	13	SO-PH-LP	0/0	0/0	0/0	0/0	20/13	0/0	
DX7EVM	690	18	15	SO-PH-QRP	0/0	0/0	10/9	0/0	8/6	0/0	DU7OK

DU1AVC	520	14	10	SO-PH-LP	0/0	0/0	0/0	14/10	0/0	0/0	
DV1UUU	413	17	7	SO-PH-LP	0/0	0/0	17/7	0/0	0/0	0/0	
DU4JT	266	12	7	SO-PH-QRP	0/0	0/0	0/0	12/7	0/0	0/0	
DV1KWM	204	14	6	SO-PH-LP	0/0	0/0	14/6	0/0	0/0	0/0	
DU1DA	176	10	8	SO-PH-LP	0/0	0/0	10/8	0/0	0/0	0/0	
4I1BI	150	11	6	SO-PH-LP	0/0	0/0	11/6	0/0	0/0	0/0	
4I1LCP	60	14	2	SO-PH-LP	0/0	0/0	14/2	0/0	0/0	0/0	
DU1WBX	7,038	78	23	SO-CW-LP	0/0	0/0	70/19	8/4	0/0	0/0	
DW3TRZ	1,150	29	10	SO-CW-HP	0/0	0/0	29/10	0/0	0/0	0/0	
DU7FCC	552	18	8	SO-CW-LP	0/0	0/0	0/0	18/8	0/0	0/0	
DU1/OZ1GNN	3	1	1	SOU-CW-QRP	0/0	0/0	0/0	1/1	0/0	0/0	
DX3H	72,765	277	63	MSHP	0/0	0/0	89/23	164/29	23/10	1/1	4F3BZ, 4F3NS, 4F3OM, 4F3PH, 4G1AWM, 4G1AXA, DU1GCD, DU3CQ, DU3GKT, DU3JC, DU3NZ, DU3SE, DV3BOB, DV3CMC, DV3SSP, DW3GUZ, DW3REY, DW3XYL, DW3ZLL, DY3JEV
DX9EVM	20,597	138	43	MSHP	0/0	0/0	46/14	59/21	32/7	1/1	DU9AJ, DU9AKH, DU9AQB, DU9ARM, DU9CA, DU9HYX, DU9LE, DU9WH, DU9XL, DU9XM, DU9YS, DV9APY, DV9ARA, DV9BPI, DV9BTO, DW9DDX, DV9DDY, DV9IGT, DW9ARR, DW9BPZ, DY9IGX, @DU9IV
DU3ØR	15,399	154	29	MSHP	0/0	0/0	129/15	20/10	4/3	1/1	4E1RBF, DU1DZ, DU1ED, DU1EMJ, DU1JW, DU1SH, DU1SPB, DV1IHW,
DX1EVM	5,720	95	20	MSHP	0/0	0/0	77/13	18/7	0/0	0/0	4E1EEE, 4G1EBH, DV1QAK, DV1XWK, DV1YZD, DV9DZK, DW1QRZ, DW1VVZ, DW1YKO, DW1YNR
DX1ARC	4,056	64	24	MSHP	0/0	0/0	29/10	33/12	2/2	0/0	4G7RAZ, 4G7RBC, 4G7RBD, 4G7RBE, DU7DVE, DU7DVI, DV7DSR, DV7DWF, DV7DYH, DV7DYK, DV7DYN, DV7DYP, DV7RAR, DW7DYF, DW7DZT, DW7DZX, DY7DUN
DX7NRD	1,600	42	16	MSHP	0/0	0/0	28/8	14/8	0/0	0/0	4I7RCC, DU7Q, DV7DSN, DW7BPQ, DW7RBZ, DY7IBM
DX7HQ	845	31	13	MSHP	0/0	0/0	15/5	16/8	0/0	0/0	
Call	Score	QSOs	Mults	Category	160	80	40	20	15	10	Operator(s) and/or Host
Zone 51											
Indonesia											
YB9QP	288	12	9	SO-MIX-HP	0/0	0/0	4/2	0/0	8/7	0/0	
YD9VIZ	2,376	56	12	SO-PH-LP	0/0	0/0	56/12	0/0	0/0	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	12,480	168	16	SO-CW-HP	0/0	0/0	0/0	168/16	0/0	0/0	
Call	Score	QSOs	Mults	Category	160	80	40	20	15	10	Operator(s) and/or Host
Zone 53											
Reunion Island											
FR4NT	10,404	87	51	SOU-MIX-HP	0/0	7/7	0/0	20/15	51/21	9/8	
FR4QT	313,956	716	102	MSHP	0/0	40/9	40/19	334/43	302/31	0/0	F5PLC, FR4QT
Call	Score	QSOs	Mults	Category	160	80	40	20	15	10	Operator(s) and/or Host
Zone 54											
Brunei Darussalam											
V85T	3,145	47	17	SO-MIX-LP	0/0	0/0	9/7	38/10	0/0	0/0	
East Malaysia											
9M6NA	815,256	1,145	156	SO-MIX-HP	2/2	22/14	539/65	422/48	130/19	30/8	
9M6MI	24,000	180	30	SO-MIX-HP	0/0	0/0	6/3	121/20	52/6	1/1	9M6ZAE
9M8DEN	429	17	11	SO-MIX-LP	0/0	0/0	15/9	2/2	0/0	0/0	
9W6AJA	1,365	49	13	SO-PH-LP	0/0	0/0	49/13	0/0	0/0	0/0	
9W6PJM	1,040	43	13	SO-PH-LP	0/0	0/0	43/13	0/0	0/0	0/0	
9W8ZZK	260	44	5	SO-PH-LP	0/0	0/0	44/5	0/0	0/0	0/0	
9M8YY	492,060	897	118	SO-CW-HP	0/0	0/0	246/39	471/46	162/27	18/6	JR3WXA

Indonesia											
YC4HQ	56,496	300	44	SO-MIX-HP	0/0	0/0	188/17	111/26	1/1	0/0	
YB8RW	51,650	257	50	SO-MIX-LP	0/0	0/0	114/27	140/22	3/1	0/0	
YB1TJ	38,592	160	72	SO-MIX-LP	0/0	0/0	64/31	92/37	4/4	0/0	
YC9ATS	14,490	149	30	SO-MIX-HP	0/0	0/0	149/30	0/0	0/0	0/0	
YC9FAR	11,088	85	33	SO-MIX-LP	0/0	0/0	4/3	6/4	75/26	0/0	
YBØNSI	6,660	66	30	SO-MIX-LP	0/0	0/0	22/12	42/16	2/2	0/0	
YBØANN	3,696	49	21	SO-MIX-QRP	0/0	0/0	14/5	34/15	1/1	0/0	
YC8UYJ	1,296	30	18	SO-MIX-LP	0/0	0/0	20/10	10/8	0/0	0/0	
YCØET	744	34	12	SO-MIX-LP	0/0	0/0	34/12	0/0	0/0	0/0	
YC7FQA	66	14	3	SO-MIX-LP	0/0	0/0	14/3	0/0	0/0	0/0	
YB7OO	30,081	230	37	SO-PH-HP	0/0	0/0	230/37	0/0	0/0	0/0	
YB2MM	26,402	150	43	SO-PH-LP	0/0	0/0	0/0	150/43	0/0	0/0	
YF7SPN	18,018	165	39	SO-PH-LP	0/0	0/0	165/39	0/0	0/0	0/0	
YB4FIK	10,944	122	32	SO-PH-HP	0/0	0/0	102/18	20/14	0/0	0/0	
YD2ELT	6,913	118	31	SO-PH-LP	0/0	0/0	118/31	0/0	0/0	0/0	
YB8UTI	5,664	97	24	SO-PH-LP	0/0	0/0	72/10	24/13	1/1	0/0	
YB2BNN	4,050	66	27	SO-PH-HP	0/0	1/1	36/12	29/14	0/0	0/0	
YB2TS	3,128	47	23	SO-PH-HP	0/0	1/1	25/9	21/13	0/0	0/0	
YB4NY	3,014	82	22	SO-PH-LP	0/0	0/0	65/11	17/11	0/0	0/0	
YD7SAL	1,980	68	18	SO-PH-LP	0/0	0/0	68/18	0/0	0/0	0/0	
YC1WCK	1,496	43	17	SO-PH-LP	0/0	0/0	43/17	0/0	0/0	0/0	
YB8UM	1,332	31	18	SO-PH-LP	0/0	0/0	24/13	7/5	0/0	0/0	
YC1HLT	1,106	43	14	SO-PH-LP	0/0	0/0	43/14	0/0	0/0	0/0	
YB2CAA	972	36	12	SO-PH-LP	0/0	0/0	28/7	8/5	0/0	0/0	
YD8CPZ	869	48	11	SO-PH-LP	0/0	0/0	48/11	0/0	0/0	0/0	
YB7CCP	680	51	10	SO-PH-LP	0/0	0/0	51/10	0/0	0/0	0/0	
YF3CZW	627	45	11	SO-PH-LP	0/0	0/0	45/11	0/0	0/0	0/0	
YC1APR	608	24	16	SO-PH-QRP	0/0	0/0	17/9	7/7	0/0	0/0	
YF3DBH	598	29	13	SO-PH-LP	0/0	0/0	29/13	0/0	0/0	0/0	
YB8SB	550	21	11	SO-PH-LP	0/0	0/0	11/5	10/6	0/0	0/0	
YC7DDU	550	21	11	SO-PH-LP	0/0	0/0	21/11	0/0	0/0	0/0	
YD2DOP	550	31	10	SO-PH-LP	0/0	0/0	31/10	0/0	0/0	0/0	
YDØSCZ	480	23	10	SO-PH-LP	0/0	0/0	23/10	0/0	0/0	0/0	
YC3GER	350	16	10	SO-PH-LP	0/0	0/0	16/10	0/0	0/0	0/0	
YC8EJ	312	19	8	SO-PH-LP	0/0	0/0	0/0	19/8	0/0	0/0	
YG8DX	290	46	5	SO-PH-LP	0/0	0/0	46/5	0/0	0/0	0/0	
YB3BAR	245	20	7	SO-PH-LP	0/0	0/0	20/7	0/0	0/0	0/0	
YC7OCS	198	28	6	SO-PH-QRP	0/0	0/0	28/6	0/0	0/0	0/0	
YG9EKR	133	7	7	SO-PH-LP	0/0	0/0	7/7	0/0	0/0	0/0	
YB7XYO	104	20	4	SO-PH-LP	0/0	0/0	20/4	0/0	0/0	0/0	
YC6UAF	102	9	6	SO-PH-LP	0/0	0/0	9/6	0/0	0/0	0/0	
YD2DSV	100	25	4	SO-PH-LP	0/0	0/0	25/4	0/0	0/0	0/0	
YC3IMS	96	20	3	SO-PH-LP	0/0	0/0	20/3	0/0	0/0	0/0	
YF3DGO	96	33	3	SO-PH-QRP	0/0	0/0	33/3	0/0	0/0	0/0	
YCØODC	84	41	2	SO-PH-LP	0/0	0/0	41/2	0/0	0/0	0/0	
YD7BEB	84	11	4	SO-PH-LP	0/0	0/0	11/4	0/0	0/0	0/0	
YD2KJC	72	21	3	SO-PH-LP	0/0	0/0	21/3	0/0	0/0	0/0	
YC7MD	60	20	3	SO-PH-LP	0/0	0/0	20/3	0/0	0/0	0/0	
YG8HYV	32	9	4	SO-PH-LP	0/0	0/0	9/4	0/0	0/0	0/0	
YC8FXI	26	9	2	SO-PH-LP	0/0	0/0	9/2	0/0	0/0	0/0	
YD7VPZ	15	6	3	SO-PH-LP	0/0	0/0	6/3	0/0	0/0	0/0	
YC2CPQ	8	2	2	SO-PH-QRP	0/0	0/0	2/2	0/0	0/0	0/0	
YD7UVB	2	2	1	SO-PH-LP	0/0	0/0	2/1	0/0	0/0	0/0	
YD7YFP	2	2	1	SO-PH-LP	0/0	0/0	2/1	0/0	0/0	0/0	
YB2GV	1,590	39	10	SO-CW-LP	0/0	0/0	39/10	0/0	0/0	0/0	
YCØBAS	900	23	12	SO-CW-LP	0/0	0/0	0/0	23/12	0/0	0/0	
YB2WA	729	21	9	SO-CW-LP	0/0	0/0	21/9	0/0	0/0	0/0	
YC3DXG	245	16	7	SO-CW-LP	0/0	0/0	7/2	8/4	1/1	0/0	
YF3FBV	24	7	3	SO-CW-HP	0/0	0/0	0/0	7/3	0/0	0/0	
YB3IZK	16,132	132	37	SOU-MIX-LP	0/0	0/0	0/0	132/37	0/0	0/0	
YF3BWY	12,825	149	27	SOU-PH-HP	0/0	0/0	149/27	0/0	0/0	0/0	
YB1TQL	9,180	96	36	SOU-PH-LP	0/0	0/0	39/12	57/24	0/0	0/0	
YBØFYA	161	15	7	SOU-PH-HP	0/0	0/0	15/7	0/0	0/0	0/0	
YE3WIL	108	16	6	SOU-PH-LP	0/0	0/0	16/6	0/0	0/0	0/0	
YC2VOC	560	16	10	SOU-CW-QRP	0/0	0/0	3/3	13/7	0/0	0/0	
YB1P	93,808	312	82	MSHP	0/0	0/0	183/42	128/39	1/1	0/0	YB1AM, YB1AR, YB1BD, YB1EGP, YB1PEF, YC1CWO, YC1NMT, YC1PSI,

Singapore											
9V1YC	312,720	700	120	SO-CW-HP	0/0	11/9	330/51	348/52	11/8	0/0	
West Malaysia											
9M2TDX	6,250	81	25	SO-MIX-QRP	0/0	0/0	31/8	50/17	0/0	0/0	
9M2MSL	2,793	47	19	SO-MIX-HP	0/0	0/0	0/0	47/19	0/0	0/0	
9W2VGR	1,692	77	12	SO-PH-LP	0/0	0/0	77/12	0/0	0/0	0/0	
9W2XTK	1,350	43	15	SO-PH-LP	0/0	0/0	43/15	0/0	0/0	0/0	
9W2ADV	1,092	42	14	SO-PH-LP	0/0	0/0	42/14	0/0	0/0	0/0	
9W2DCW	759	41	11	SO-PH-LP	0/0	0/0	41/11	0/0	0/0	0/0	
9W2VCK	352	39	8	SO-PH-LP	0/0	0/0	39/8	0/0	0/0	0/0	
9W2SAN	174	19	6	SO-PH-LP	0/0	0/0	19/6	0/0	0/0	0/0	
9W2JQD	135	22	5	SO-PH-LP	0/0	0/0	22/5	0/0	0/0	0/0	
9M2YOT	117	9	9	SO-PH-LP	0/0	0/0	0/0	9/9	0/0	0/0	
9W2FSY	30	7	3	SO-PH-LP	0/0	0/0	7/3	0/0	0/0	0/0	
9W2VWT	6	6	1	SO-PH-QRP	0/0	0/0	6/1	0/0	0/0	0/0	
9M2YDX	28,872	240	36	SO-CW-LP	0/0	0/0	0/0	217/23	23/13	0/0	
9M4DXX	7,410	70	30	SO-CW-LP	0/0	0/0	70/30	0/0	0/0	0/0	JE1SCJ
9W2VIR	846	45	9	SOU-PH-LP	0/0	0/0	45/9	0/0	0/0	0/0	
9M2ZAK	19,764	196	27	SOU-CW-LP	0/0	0/0	0/0	196/27	0/0	0/0	
9M2FUL	7,775	95	25	SOU-CW-LP	0/0	0/0	0/0	95/25	0/0	0/0	
9M4COO	14,104	137	41	MSHP	0/0	0/0	22/3	115/38	0/0	0/0	9M2CDX, 9W2IAO, 9W2JQG, 9W2KVV, 9W2ONL, 9W2VTW, 9W2WPZ
9M2SDX	2,108	63	17	MSHP	0/0	0/0	50/11	13/6	0/0	0/0	9M2CCC, 9M2EPX, 9M2RHQ, 9W2HGZ, 9W2HYY, 9W2LUP, 9W2NDQ, 9W2VJJ, 9W2WNK, 9W2ZOW
Call	Score	QSOs	Mults	Category	160	80	40	20	15	10	Operator(s) and/or Host
Zone 55											
Australia											
VK4JU	220	11	4	SO-MIX-HP	0/0	0/0	11/4	0/0	0/0	0/0	
VK4BRT	385	13	7	SO-PH-HP	0/0	0/0	0/0	13/7	0/0	0/0	
VK4TT	1,656	28	18	SO-CW-LP	0/0	0/0	20/13	6/3	1/1	1/1	
VK4SN	1,248	32	8	SO-CW-LP	0/0	0/0	32/8	0/0	0/0	0/0	
VK4QH	8,027	82	23	SOU-PH-HP	0/0	2/2	80/21	0/0	0/0	0/0	
VK4CT	513,500	870	130	SOU-CW-HP	0/0	24/15	497/56	320/49	28/9	1/1	
Call	Score	QSOs	Mults	Category	160	80	40	20	15	10	Operator(s) and/or Host
Zone 56											
New Caledonia											
FK4QX	2,640	41	16	SO-PH-HP	0/0	0/0	1/1	40/15	0/0	0/0	
Call	Score	QSOs	Mults	Category	160	80	40	20	15	10	Operator(s) and/or Host
Zone 57											
Namibia											
V51YJ	57,907	182	79	SO-CW-LP	0/0	0/0	30/17	135/50	17/12	0/0	
South Africa											
ZS2NF	13,725	83	45	SO-MIX-LP	0/0	14/8	6/5	58/27	5/5	0/0	
ZS6ELI	-6	3	3	SO-PH-LP	0/0	0/0	0/0	3/3	0/0	0/0	
ZR2A/4	734,825	933	175	SO-CW-HP	9/8	251/41	281/45	304/53	87/27	1/1	
Call	Score	QSOs	Mults	Category	160	80	40	20	15	10	Operator(s) and/or Host
Zone 58											
Australia											
VK6WX	2,756	32	26	SO-CW-HP	0/0	0/0	23/19	7/5	2/2	0/0	
VK6NC	86,480	263	94	MSHP	0/0	0/0	167/51	87/40	9/3	0/0	VK6SJ, VK6WX
Call	Score	QSOs	Mults	Category	160	80	40	20	15	10	Operator(s) and/or Host
Zone 59											
Australia											
VK4SP	1,728	27	16	SO-MIX-LP	0/0	0/0	7/4	20/12	0/0	0/0	
VK2KS	742	19	14	SO-MIX-HP	0/0	0/0	0/0	19/14	0/0	0/0	

VK2CZ	7,208	60	34	SO-PH-HP	0/0	0/0	30/17	30/17	0/0	0/0	
VK2TTL	408	13	8	SO-PH-LP	0/0	0/0	11/6	2/2	0/0	0/0	
VK5ZZ	216	9	8	SO-PH-HP	0/0	0/0	4/3	5/5	0/0	0/0	
VK2OP	20	2	2	SO-PH-LP	0/0	0/0	0/0	2/2	0/0	0/0	
VK7DW	4	2	2	SO-PH-LP	0/0	0/0	2/2	0/0	0/0	0/0	
VK2GR	146,940	411	79	SO-CW-HP	0/0	16/9	154/30	235/37	6/3	0/0	
VK2ALR	44,772	203	52	SO-CW-HP	0/0	4/3	158/33	41/16	0/0	0/0	
VK7BO	21,338	110	47	SO-CW-HP	0/0	4/4	67/26	39/17	0/0	0/0	
VK3TZ	1,600	24	16	SO-CW-HP	0/0	0/0	15/10	9/6	0/0	0/0	
VK3GK	7,291	72	23	SOU-MIX-HP	0/0	6/4	66/19	0/0	0/0	0/0	
VK5GR	4,420	44	26	SOU-MIX-HP	0/0	0/0	23/13	21/13	0/0	0/0	
VK7CW	2,064	37	12	SOU-MIX-HP	0/0	0/0	2/2	35/10	0/0	0/0	
VK3VT	1,920	29	16	SOU-MIX-LP	0/0	0/0	18/8	11/8	0/0	0/0	
VK5ARG	188,336	554	79	MSHP	0/0	0/0	313/50	241/29	0/0	0/0	VK5CP, VK5IR, VK5IX, VK5KX, VK5QI, VK5ZQV
Call	Score	QSOs	Mults	Category	160	80	40	20	15	10	Operator(s) and/or Host
Zone 60											
New Zealand											
ZL1VV	490	17	7	SO-PH-LP	0/0	0/0	0/0	17/7	0/0	0/0	
ZM1A	1,050,896	1,456	154	SO-CW-HP	0/0	128/24	620/62	618/48	89/19	1/1	ZL3CW
ZL2RX	7,791	92	21	SO-CW-HP	0/0	0/0	0/0	92/21	0/0	0/0	
ZL4YY	120	8	5	SO-CW-LP	0/0	0/0	6/3	2/2	0/0	0/0	
ZM4G	105,644	258	98	SOU-CW-HP	0/0	7/7	65/34	148/37	36/18	2/2	ZL2IFB
ZM1M	22,704	151	33	SOU-CW-HP	0/0	5/5	0/0	146/28	0/0	0/0	
Call	Score	QSOs	Mults	Category	160	80	40	20	15	10	Operator(s) and/or Host
Zone 61											
Hawaii											
KH7XS	2,183,874	2,777	163	SO-MIX-HP	12/7	82/13	636/39	1,760/68	285/34	2/2	K4XS
KH6HT	390	16	5	SO-PH-LP	0/0	0/0	0/0	16/5	0/0	0/0	
WH6BOB	165	11	3	SO-PH-LP	0/0	0/0	0/0	11/3	0/0	0/0	
KH6/W6QU	93	7	3	SO-PH-QRP	0/0	0/0	0/0	7/3	0/0	0/0	W8QZA
WH7M	865,032	1,363	133	SO-CW-HP	5/4	85/19	427/35	574/48	269/25	3/2	K1YR
KH6TU	427,759	885	103	SO-CW-HP	9/4	46/14	339/31	444/42	40/10	7/2	AD6E
KH6CJ	205,321	559	79	SO-CW-LP	5/4	51/14	126/20	327/32	48/8	2/1	
KH6FHI	1,638	35	13	SO-CW-HP	0/0	3/2	30/10	2/1	0/0	0/0	
NH7U	30	3	2	SO-CW-HP	0/0	0/0	3/2	0/0	0/0	0/0	
NH6Y	15,540	161	21	SOU-MIX-HP	0/0	0/0	0/0	158/18	3/3	0/0	
WH6FAM	235	11	5	SO-PH-LP	0/0	0/0	2/1	9/4	0/0	0/0	
Call	Score	QSOs	Mults	Category	160	80	40	20	15	10	Operator(s) and/or Host
Zone 64											
Guam											
NH2DX	84,252	277	68	SOU-CW-HP	0/0	0/0	0/0	217/47	60/21	0/0	KG6DX
Call	Score	QSOs	Mults	Category	160	80	40	20	15	10	Operator(s) and/or Host
Zone 65											
Marshall Islands											
V73NS	18,252	145	27	SO-CW-LP	0/0	34/12	0/0	111/15	0/0	0/0	

Checklogs: AC2OC, AG5S, AI6Z, BD7NWZ, BH4SKP, CT5GOJ, DG3RAP, DG8OBN, DH1PAL, DK0PO, DK0WK, DK3GG, DK6YA, DL2BUM, DL2DXA, DL4ZBY, DL5JAG, DL5KVV, DL5MK, DL5WS, DL6JV, DL7ULF, DL8CA, DL8USA, DL9GCG, DM3A, DM4JK, E74SL, EA1NL, EA1SB, EA3GBA, EA5AER, EA5KY, EA7LU, EA8CNR, EA8KC, EB7KA, EC5EA, F5USK, GW4W, HG1G, IK0YUT, IK2MMM, IU2CVS, IW2MZX, JA1DM, JA1JLP, JA3JM, JI1TBQ, JJ1HHJ, JT1CD, K8YC, KB4HAI, KF4WLS, LA9OI, LY6A, LZ1JZ, LZ2HR, MOCLH, M6OXO, NY0T, OK1FDY, OK1MP, OK1NYD, OK2PAY, OK2ZV, OK4FF, OK7RJ, OM2ACM, OM2CS, ON7AR, OO9O, OZ6GH, PA0WYS, PD0PSX, PP2RON, PP6ZZ, PT9DX, PY1NP, R6YY, RA1QX, RA6YDX, RU3YAA, SD0T, SN5W, SP1FRC, SP2CWO, SP2FAV, SP2FMN, SP2MHD, SP2SWI, SP2ZFT, SP3BTK, SP3CJS, SP3LAU, SP3OKS, SP4GDC, SP5BWO, SP5DL, SP5GDY, SP5OXJ, SP5PBE, SP5SSB, SP6CDP, SP6GBP, SP6JUD, SP6NZ, SP6TRX, SP73VOT, SP7CVW, SP7EVL, SP7JJE, SP7JLH, SP7MOQ, SP7PGK, SP7TF, SP8FNA, SP8PRL, SP9BCH, SP9CRJ, SP9CVY, SP9PRO, SP9RPW, SQ4NR, SQ5M, SQ5RTI, SQ5TA, SQ8L, SQ9OGD, UA0CA, UA4AAC, UA4LL, UA6CT, UN6G, UN8PT, UR4LTX, UR7EZ, UT3UCP, UW7CN, UYZZ, VA3ZNV, W6YA, W9BLF, YL2VW, YO2KHK, YO3CVG, YO3IPR, YO3LW, YO4MM, YO5ODT, YT7TA, Z33B, ZL1TM.