Index=log(QSOs)+Accuracy Factor (1 - Error in %/100)

Accuracy Factor = 10

Single-Op Unlimited						Single-Op (Non-assisted)						Multi-Op				
Call	**Category**	**QSOs**	**Error %**	**Index**		**Call**	**Category**	**QSOs**	**Error %**	**Index**		**Call**	**Category**	**QSOs**	**Error %**	**Index**
D4C (YL2KL, op)	SAH	4963	0.9	13.606		8P5A	S	6558	0.8	13.737		PJ2T	MM	8596	0.7	13.864
V26M (N3AD, op)	SAH	4569	1	13.560		6Y2T (VE3DZ, op)	S	5401	0.6	13.672		PJ4X	MM	8819	1.1	13.835
P40W (W2GD, op)	SAL	4282	0.8	13.552		TI5W (N4YDU, op)	S	6417	1.5	13.657		P40R	M2X	7203	0.6	13.798
EF6T (EA3AIR, op)	SAH	3332	0.5	13.473		ZF9CW	S	4712	0.4	13.633		KP2M	M2X	6897	0.6	13.779
IR2C (IK2JUB, op)	SAH	3004	0.4	13.438		TO7A (UT5UGR, op)	S	5901	1.7	13.601		CR3W	M2X	6143	0.5	13.738
G5W (G3BJ, op)	SAH	3090	0.7	13.420		WP3C	S	4096	0.7	13.542		NP2N	M2X	6361	0.8	13.724
LX7I (DL5SE, op)	SAH	3188	0.9	13.414		NP3X (WP3A, op)	S	4027	0.7	13.535		KH6LC	MM	6463	1	13.710
IO4T	SAH	2926	0.8	13.386		VP9/W6PH	S	3682	0.4	13.526		ZF1A	MSH	5881	0.6	13.709
SN7Q (SP7GIQ, op)	SAH	2810	1.2	13.329		V43Z (NP4Z, op)	S	4773	2.2	13.459		P40L	MSH	5300	0.7	13.654
S57AL	SAH	2622	0.9	13.329		PS2T (PY2ZEA, op)	S	3280	0.6	13.456		V3T	MSL	4997	0.7	13.629
EF1A (EA1XT, op)	SAH	2714	1.1	13.324		DL6FBL	S	3046	0.4	13.444		VP5K	MSH	4855	0.6	13.626
HG3R	SAH	2829	1.3	13.322		NP3A	S	3646	1.3	13.432		VP2MVV	MSL	4883	1	13.589
CE2MVF	SAH	2565	1.4	13.269		KH7Q (N6TJ, op)	S	3489	1.3	13.413		EI7M	M2X	4886	1.1	13.579
CN8KD	SAL	2048	0.6	13.251		VP5M (K4QPL, op)	S	3101	0.8	13.412		9A1A	MM	4587	1.1	13.552
F6HKA	SAH	2102	0.9	13.233		KH7M (NA2U, op)	S	3509	1.7	13.375		J75Y	MSH	3393	0.5	13.481
E51DWC (OK1DWC, op	SAH	2185	1.3	13.209		IS0/OM8A (OM3RM, c	S	3196	1.3	13.375		CW5W	MSH	3946	1.5	13.446
S53M	SAH	2348	2.3	13.141		TM6X (F5VHY, op)	S	2459	0.4	13.351		KL7RA	MM	3521	1.2	13.427
P3X (UT5UDX, op)	SAH	1819	1.2	13.140		KH6TU (AD6E, op)	S	2514	0.7	13.330		HG7T	M2X	3110	1.1	13.383
YR8D (YO8TTT, op)	SAH	1692	1.2	13.108		M3W (G4FAL, op)	S	2436	0.6	13.327		PW2D	MSH	4000	2.2	13.382
EC4TA	SAL	1618	1.4	13.069		NP2P	S	3732	2.5	13.322		CO8ZZ	MSL	2701	0.8	13.352
OQ5M (ON5ZO, op)	SAH	1228	0.3	13.059		HC1WBT (W0OR, op)	S	2325	0.6	13.306		5J0NA	MSL	3106	1.5	13.342
EA5BY	SAH	1508	1.2	13.058		HP3SS	S	2505	1.2	13.279		V3M	M2X	2624	1.1	13.309
IZ3SQW	SAH	1296	0.6	13.053		YT5A	S	2061	0.9	13.224		DK8ZB	MSH	2563	1	13.309
OL0W (OK1DSZ, op)	SAH	1124	0.4	13.011		PY2NY	S	1978	0.9	13.206		DL1A	MSH	2617	1.1	13.308
LY2IJ	SAH	1279	1	13.007		WP3R (K4ZA, op)	S	3047	2.9	13.194		RW2F	MM	2778	1.7	13.274
DK2OY	SAH	1302	1.2	12.995		EA8CN	S	1707	0.5	13.182		SN8B	M2X	2720	2	13.235
IK0YVV	SAH	1207	1	12.982		MD2C (MD0CCE, op)	S	1825	0.8	13.181		CE3AA	MSH	2715	2	13.234
S57KM	SAL	1068	0.5	12.979		ZM1A (ZL3CW, op)	S	1731	0.7	13.168		HG6N	MSH	2074	1	13.217
EA7TG	SAH	1198	1	12.978		IO2X (IK2NCJ, op)	S	2262	2	13.154		ZM4T	MSH	2317	1.7	13.195
S54O	SAH	1052	0.5	12.972		HI3Y	S	1851	1.3	13.137		JA3YBK	MM	2276	1.7	13.187
JS3CTQ	SAH	1038	0.5	12.966		WH7W	S	1843	1.3	13.136		HG1S	MSH	2604	2.3	13.186
EU1A	SAH	1164	1	12.966		PY4YY	S	1654	1.3	13.089		DD1A	MSH	1925	1.4	13.144
LY5W	SAH	1101	0.8	12.962		CR6K (CT1CJJ, op)	S	2163	2.8	13.055		ZL3X	M2X	2131	1.9	13.139
S57AW (N1MM, op)	SAH	1148	1	12.960		F5KEQ (F5MYK, op)	S	1236	0.6	13.032		DM5N	MSH	1825	1.5	13.111
UX4U	SAH	1411	1.9	12.960		DK3GI	S	1573	1.7	13.027		RU1A	M2X	1841	1.6	13.105
S57DX	SAH	1129	1	12.953		V31JZ (NN7A, op)	S	1384	1.2	13.021		OT6M	MSH	1752	1.5	13.094
IZ5ICH	SAH	1342	1.8	12.948		C6ANM	S	1193	0.9	12.987		OL1C	MSH	1961	2.3	13.062
GW4J	SAH	972	0.4	12.948		OM7RU	S	1290	1.5	12.961		AH2R	M2X	2039	2.7	13.039
I2IFT	SAH	1244	1.5	12.945		PJ7AA (AA9A, op)	S	1405	2	12.948		RT0C	MSH	1430	1.2	13.035
UZ3A (UX1AA, op)	SAL	1057	0.9	12.934		OZ1LO	S	1159	1.2	12.944		HG5C	MSH	1699	2	13.030
S53F	SAH	998	0.9	12.909		JH1GBZ (JH5GHM, op)	S	1306	1.9	12.926		OP4K	MSH	1768	2.2	13.027
S56A	SAL	859	0.3	12.904		IK2AOO	S	827	0.2	12.898		TM7X	MSL	1675	2.1	13.014
UT4U (UT5UJO, op)	SAH	1008	1.2	12.883		GM4Z (GM4ZUK, op)	S	872	0.5	12.891		JA0QNJ	MSH	1337	1.5	12.976
OM0M (OM3CGN, op)	SAH	998	1.2	12.879		A31MM (JA6WFM, op	S	1084	1.5	12.885		LZ6Y	MSH	1599	2.5	12.954
SV2DSJ	SAH	1133	1.8	12.874		HG5F	S	1706	3.7	12.862		LY4A	M2X	1667	3.1	12.912
JR8VSE	SAH	1097	1.8	12.860		KG4ZK	S	1135	2.1	12.845		DK7FP	MSH	952	1	12.879
DL7ON	SAH	1086	1.8	12.856		DL2DX	S	918	1.2	12.843		JE1CKA	M2X	1339	3.2	12.807
YO9HP	SAH	805	0.5	12.856		UV5U (UX1UA, op)	S	910	1.3	12.829		SC3A	MSH	844	1.2	12.806
YO3APJ	SAH	823	0.7	12.845		CW5B (CX9AU, op)	S	1066	2	12.828		IR4X	MSH	983	2.1	12.783
SP2LNW	SAH	742	0.3	12.840		IK1JJM	S	902	1.3	12.825		OH0Z	MSH	721	1.1	12.748
DJ7UC	SAH	1036	1.8	12.835		LW8DQ	S	1107	2.2	12.824		JA1YPA	M2X	683	1.7	12.664
HB9DQL	SAH	961	1.5	12.833		HA3LN	S	792	0.9	12.809		F8KLY	MSL	582	1.5	12.615

SN7O (SP7IVO, op)	SAL	757	0.5	12.829		EA5YU	S	575	0	12.760		SN1D	MSH	876	4.4	12.503
IK3ORD	SAH	726	0.5	12.811		EA2KV	S	817	1.6	12.752		PY4XX	MM	462	1.7	12.495
M2A (G3ORY, op)	SAH	720	0.6	12.797		OK7Y (OK1FDY, op)	S	743	1.2	12.751		UT7E	MSH	287	0.3	12.428
EA5GX	SAH	864	1.4	12.797		EW2A	S	784	1.5	12.744		JA1ZGP	MSH	438	2.4	12.401
HB9DHG	SAH	1132	2.6	12.794		ZS2NF	S	620	0.5	12.742		BA4TB	MSH	411	2.6	12.354
EA7RM	SAH	839	1.3	12.794		9A3B (9A2VR, op)	S	658	0.8	12.738		YO3GNF	MSL	169	0	12.228
S52AU	SAH	747	0.8	12.793		G4KZD	S	966	2.5	12.735		4U1ITU	MSH	404	3.8	12.226
PP5KR	SAH	1448	3.7	12.791		HB9ARF	S	573	0.5	12.708		D1DNR	MSH	156	0	12.193
S56X	SAH	1122	2.6	12.790		JI1RXQ	S	563	0.5	12.701		2E0SDV	MSL	240	2	12.180
YL2KO	SAH	851	1.4	12.790		IK2AHB	S	671	1.3	12.697		PY2KC	MSL	498	6	12.097
Z33C	SAL	739	0.9	12.779		HB9BMY	S	776	2.1	12.680		UA4S	MSH	299	3.9	12.086
HA5PP	SAL	708	0.8	12.770		MM0T (GM3WUX, op)	S	762	2.1	12.672		JK2VOC	MSL	107	0	12.029
UW1M	SAH	1118	2.8	12.768		XE1CT	S	672	1.6	12.667		RK9LWA	MSH	87	0	11.940
MM0AMW	SAH	654	0.6	12.756		FM/F6AUS	S	644	1.5	12.659		UR4RWW	MSL	169	2.9	11.938
OR5T	SAH	649	0.6	12.752		LU6UO	S	731	2.1	12.654		YE1R	MSL	154	3.1	11.878
IZ2DII	SAH	694	0.9	12.751		OK2EA	S	624	1.6	12.635		3Z1K	MSH	40	0	11.602
DL4WA	SAH	642	0.6	12.748		EA8BQM	S	710	2.2	12.631		UW6M	MSL	32	0	11.505
HB9BUN	SAH	630	0.6	12.739		DL1BUG	S	506	0.8	12.624		S59T	MSH	49	2	11.490
DL6KVA	SAH	773	1.5	12.738		JH0INP	S	531	1.3	12.595		YO4KAK	MSL	19	0	11.279
OK2FD	SAQ	565	0.2	12.732		OM5WW	S	605	1.9	12.592		RK9CYA	MSH	22	8.3	10.512
OH8WW	SAH	882	2.2	12.725		R7CD	S	432	0.5	12.585						
EA8RM	SAH	918	2.5	12.713		YL2SM	S	543	1.5	12.585						
DK5DQ	SAL	619	0.8	12.712		JA7IC	S	620	2.1	12.582						
SP5WA	SAH	667	1.2	12.704		F6HDI	S	443	0.7	12.576						
IK3SCB	SAH	650	1.2	12.693		JA7QVI	S	669	2.5	12.575						
LU3CW	SAH	620	1	12.692		DM3PKK	S	418	0.5	12.571						
DK6WL	SAH	632	1.1	12.691		XE2AU	S	597	2.1	12.566						
PA3AAV	SAH	616	1	12.690		OK7FL	S	586	2.2	12.548						
PA1CC	SAH	567	0.7	12.684		LW1EUD	S	753	3.3	12.547						
HA3DX (HA4XH, op)	SAH	676	1.5	12.680		EA5DD	S	508	1.6	12.546						
JH1EAQ	SAL	616	1.1	12.680		VK3JA	S	420	0.9	12.533						
DM2DXA	SAH	787	2.2	12.676		Z36W	S	434	1.1	12.527						
EA2OT	SAH	678	1.6	12.671		JR2SCJ	S	429	1.2	12.512						
DJ5MW	SAH	514	0.4	12.671		WL7E	S	388	0.8	12.509						
IZ3NVR	SAQ	550	0.7	12.670		EF7AAW	S	335	0.3	12.495						
DJ9MH	SAH	890	2.8	12.669		JA7BME	S	410	1.2	12.493						
HB9FAP	SAH	674	1.6	12.669		SP9H	S	372	0.8	12.491						
OG6N	SAH	535	0.6	12.668		TZ5XR	S	573	2.7	12.488						
I4YCE	SAH	809	2.4	12.668		PY0F/PY2QI	S	571	2.7	12.487						
ED1K (EA1NK, op)	SAL	642	1.4	12.668		JA2AXB	S	569	2.7	12.485						
ED4T (EA4CWN, op)	SAL	672	1.6	12.667		F5ICC	S	401	1.2	12.483						
YO3FRI	SAH	573	1	12.658		CT1ELZ	S	348	0.6	12.482						
KL4SD (WL7F, op)	SAL	737	2.1	12.657		F5JU	S	348	0.6	12.482						
9A1AD	SAH	501	0.6	12.640		PA0CT	S	399	1.2	12.481						
ZV2K (PY2SHF, op)	SAH	864	3	12.637		OV90EDR (OZ1BII, op)	S	465	1.9	12.477						
DK5AI	SAH	497	0.6	12.636		NH2DX (KG6DX, op)	S	405	1.5	12.457						
DL3YM	SAL	497	0.6	12.636		JH4UYB	S	325	0.6	12.452						
IV3JCC	SAH	517	0.8	12.633		DL9MFY	S	321	0.6	12.447						
IK8UND	SAH	566	1.2	12.633		G2X	S	578	3.2	12.442						
LY2XW	SAH	523	0.9	12.629		GM3YTS	S	383	1.5	12.433						
UT5EL	SAH	567	1.4	12.614		F5OHM	S	675	4	12.429						
S53BB	SAH	651	2	12.614		UY5ZZ	S	525	3	12.420						
OF6MW (OH6MW, op)	SAH	428	0.2	12.611		OK2SGW	S	361	1.4	12.418						
IK0FUX	SAH	425	0.2	12.608		A93JA (KE5JA, op)	S	321	0.9	12.417						
HG8C	SAL	444	0.4	12.607		MU0FAL	S	357	1.4	12.413						
DJ9AO	SAH	400	0	12.602		F5PAL	S	302	0.7	12.410						

ED7P (EA7PP, op)	SAH	631	2	12.600		YT6M	S	301	0.7	12.409						
OK6DJ	SAH	643	2.1	12.598		HI8A	S	337	1.2	12.408						
UR6EA	SAH	570	1.6	12.596		DL5KUD	S	278	0.4	12.404						
DL1NKS	SAH	495	1	12.595		OK2MBP	S	326	1.2	12.393						
ON6NL	SAQ	438	0.5	12.591		SP1AEN	S	270	0.4	12.391						
SQ8N	SAH	510	1.2	12.588		F5SGI	S	268	0.4	12.388						
DH7KU	SAH	505	1.2	12.583		HA1TV	S	265	0.4	12.383						
EA5XA	SAL	553	1.6	12.583		S51Z	S	383	2	12.383						
EA7URI (EB7KA, op)	SAL	563	1.7	12.581		JA7ACM	S	397	2.2	12.379						
CT7/F6IRA (F6IRA, op)	SAH	716	2.8	12.575		LZ1HW	S	301	1	12.379						
LU7YS	SAH	495	1.2	12.575		OK8DD	S	261	0.4	12.377						
DL1WA	SAH	594	2	12.574		PR2W (PT2AW, op)	S	299	1	12.376						
PT5N (PP5RLC, op)	SAL	678	2.6	12.571		CO2YQ	S	658	4.5	12.368						
R7AB (UA7A, op)	SAH	576	1.9	12.570		G3RLE	S	274	0.7	12.368						
PA4M	SAH	509	1.4	12.567		DK3CC	S	232	0	12.365						
LU2FE	SAH	625	2.3	12.566		SM6CPY	S	373	2.1	12.362						
YU1EXY (YT7AW, op)	SAL	504	1.4	12.562		EA5DNO	S	339	1.7	12.360						
IZ4DLR	SAL	549	1.8	12.560		PA2W	S	266	0.7	12.355						
HA3OU	SAH	544	1.8	12.556		DK9OY	S	248	0.4	12.354						
DL5JQ	SAH	496	1.4	12.555		LY2N	S	220	0	12.342						
PA7LV	SAH	542	1.8	12.554		G4BUO	S	332	1.8	12.341						
DL5WS	SAH	400	0.5	12.552		CR5A	S	806	5.7	12.336						
HB9FBP	SAL	527	1.7	12.552		YV8AD	S	399	2.7	12.331						
DL8CA	SAH	399	0.5	12.551		DF6RI	S	249	0.8	12.316						
EA5DFV	SAH	594	2.3	12.544		DL4AUK	S	284	1.4	12.313						
OL5Y	SAL	428	0.9	12.541		SM6CMU	S	224	0.4	12.310						
EA2DT	SAL	407	0.7	12.540		DL1EAL	S	204	0	12.310						
OK1VK	SAL	511	1.7	12.538		XE2ST	S	387	2.8	12.308						
US1GCU	SAH	556	2.1	12.535		YO2LEA	S	423	3.2	12.306						
PA3EVY	SAL	492	1.6	12.532		IK1MEG	S	200	0	12.301						
SD6E (SM6BGG, op)	SAH	744	3.4	12.532		DS4EOI	S	320	2.1	12.295						
UC7A	SAH	438	1.1	12.531		JR4DAH	S	197	0	12.294						
G6AY (G3RTE, op)	SAH	452	1.3	12.525		DJ8UL	S	366	2.7	12.293						
EV1R	SAH	581	2.4	12.524		EA3FZT	S	302	1.9	12.290						
UX0LL	SAH	503	1.8	12.522		OK1DKR	S	256	1.2	12.288						
PS8HF	SAL	1519	6.6	12.522		DL1ATZ	S	189	0	12.276						
PA5WT	SAH	545	2.2	12.516		OM8ON	S	211	0.5	12.274						
HA8VV (DH8VV, op)	SAH	367	0.5	12.515		DL5JS	S	210	0.5	12.272						
G4DBW	SAL	349	0.3	12.513		LZ2RS	S	246	1.2	12.271						
S59AA	SAH	603	2.7	12.510		IK2UEX	S	263	1.5	12.270						
RL4A	SAH	676	3.2	12.510		JE4MHL	S	185	0	12.267						
DL2SAX	SAH	404	1	12.506		DF4PD	S	203	0.5	12.257						
OK2BFN	SAL	474	1.7	12.506		JH1OGC	S	255	1.5	12.257						
PA4O	SAH	471	1.7	12.503		OK1CZ	S	222	0.9	12.256						
RL6M	SAL	481	1.8	12.502		S57NAW	S	329	2.7	12.247						
PA0BWL	SAH	466	1.7	12.498		I2WIJ	S	237	1.3	12.245						
YO8AXP	SAH	335	0.3	12.495		EW1P	S	214	0.9	12.240						
HA4XH	SAH	462	1.7	12.495		DM3XI	S	212	0.9	12.236						
LU4EG	SAL	679	3.4	12.492		IK0YUT	S	211	0.9	12.234						
HA7RY	SAH	442	1.6	12.485		PA0TCA	S	247	1.6	12.233						
IK2ANI	SAH	403	1.2	12.485		DF7AT	S	169	0	12.228						
G4IIY	SAH	305	0	12.484		JA2ODB	S	369	3.4	12.227						
DF1DN	SAL	451	1.7	12.484		IZ2GRG	S	185	0.5	12.217						
GW9J (GW0GEI, op)	SAH	467	1.9	12.479		F6EQZ	S	284	2.4	12.213						
LZ1ZP	SAL	345	0.6	12.478		G3SWC	S	361	3.5	12.208						
PA4VHF	SAH	497	2.2	12.476		JH1HIC	S	202	1	12.205						

DU3T	SAH	496	2.2	12.475		JG6JAV	S	320	3	12.205						
HA9AX	SAH	562	2.8	12.470		G4HZV	S	159	0	12.201						
UA6CC	SAL	489	2.2	12.469		SF3A (SM3CER, op)	S	159	0	12.201						
DK2CX	SAH	334	0.6	12.464		LU8ADX	S	262	2.2	12.198						
F5SDD	SAH	435	1.8	12.458		I0ZUT	S	329	3.2	12.197						
DL6MHW	SAH	367	1.1	12.455		EI4II	S	293	2.7	12.197						
HB9FBM	SAH	429	1.8	12.452		G3KMQ	S	231	1.7	12.194						
TM3R	SAH	545	2.9	12.446		OM3R (OM3CFR, op)	S	303	2.9	12.191						
OE2E (OE2GEN, op)	SAH	566	3.1	12.443		ON3ND	S	228	1.7	12.188						
LU4FPZ	SAH	480	2.4	12.441		OK2BOB	S	244	2	12.187						
CX4SS	SAQ	481	2.6	12.422		OM3IAG	S	300	2.9	12.187						
BG2AUE	SAH	427	2.1	12.420		UR5MM	S	227	1.7	12.186						
ZS6WN	SAH	426	2.1	12.419		OK2BLD	S	175	0.6	12.183						
F5RQQ	SAH	644	3.9	12.419		OK1FCA	S	171	0.6	12.173						
MI4I (GI4SJQ, op)	SAL	379	1.6	12.419		PA3ARM	S	169	0.6	12.168						
PA0O	SAL	425	2.1	12.418		UA0ZAM	S	147	0	12.167						
OZ8SW	SAH	423	2.1	12.416		DL4LBK	S	168	0.6	12.165						
9H1XT	SAH	508	2.9	12.416		OK2PEM	S	221	1.8	12.164						
HA8TP	SAL	343	1.2	12.415		IK0YUO	S	145	0	12.161						
LY2J	SAH	393	1.8	12.414		IK4GBU	S	219	1.8	12.160						
YT4W (YU1DW, op)	SAH	580	3.5	12.413		EW1I	S	234	2.1	12.159						
YU1DW	SAH	502	2.9	12.411		9V1YC	S	218	1.8	12.158						
DJ6OZ	SAL	338	1.2	12.409		OE1TKW	S	218	1.8	12.158						
SM5COP	SAH	301	0.7	12.409		SQ9DXN	S	218	1.8	12.158						
SP9M	SAH	301	0.7	12.409		JA1QOW	S	144	0	12.158						
JG3FEA	SAL	255	0	12.407		OM7AG	S	203	1.5	12.157						
IZ3XEF	SAH	383	1.8	12.403		ON4APU	S	165	0.6	12.157						
SM5IMO	SAL	274	0.4	12.398		9A4W	S	217	1.8	12.156						
OL8R	SAH	361	1.6	12.398		RA4ACX	S	163	0.6	12.152						
DL1RTL	SAH	249	0	12.396		UA9BA	S	258	2.6	12.152						
LZ6C (LZ2UW, op)	SAH	496	3	12.395		SU9JG	S	214	1.8	12.150						
M3I (G0ORH, op)	SAH	374	1.8	12.393		EU3A	S	198	1.5	12.147						
RO3G	SAH	504	3.1	12.392		OK1PI	S	198	1.5	12.147						
IK0XBX	SAH	307	1	12.387		DL2RUG	S	140	0	12.146						
EI8JX	SAL	243	0	12.386		DL7YS	S	140	0	12.146						
PG2AA	SAL	285	0.7	12.385		SM7CIL	S	159	0.6	12.141						
SM5D (SM5DJZ, op)	SAH	262	0.4	12.378		HA1RJ	S	195	1.5	12.140						
OK2PCL	SAH	351	1.7	12.375		XV1X	S	194	1.5	12.138						
M2G	SAH	298	1	12.374		DD5MA	S	137	0	12.137						
IW2FUT	SAL	297	1	12.373		DL2VM	S	176	1.1	12.136						
SE0X (SM0MDG, op)	SAH	330	1.5	12.369		OE1CIW	S	156	0.6	12.133						
UX7IW	SAL	328	1.5	12.366		PP5AX	S	174	1.1	12.131						
F8CRS	SAH	327	1.5	12.365		PA0JED	S	135	0	12.130						
DF1LON	SAL	253	0.4	12.363		IK1RGK	S	251	2.7	12.130						
DK1FT	SAH	270	0.7	12.361		LZ1GE	S	203	1.9	12.117						
EA1WX	SAH	390	2.3	12.361		ES5EP	S	131	0	12.117						
G9F (G4BVY, op)	SAL	309	1.3	12.360		SE4E (SM4DQE, op)	S	131	0	12.117						
YV50ARV (YV5KG, op)	SAL	229	0	12.360		DL2HYH	S	202	1.9	12.115						
NL7S	SAH	467	3.1	12.359		OE9WGI	S	339	4.2	12.110						
IK3DVY	SAH	268	0.7	12.358		F6AJM	S	186	1.6	12.110						
SN5N (SP5KP, op)	SAH	353	1.9	12.358		HA5BA	S	186	1.6	12.110						
HA5UA	SAH	398	2.5	12.350		M0P (M0RYB, op)	S	186	1.6	12.110						
EA2HW	SAL	393	2.5	12.344		YO8ST	S	169	1.2	12.108						
RL4F	SAH	349	2	12.343		LY2MM	S	242	2.8	12.104						
PA3CWN	SAH	297	1.3	12.343		RZ1OK	S	149	0.7	12.103						
JA2KVB	SAL	264	0.8	12.342		DL6ZXG	S	215	2.3	12.102						

DL2CC	SAH	316	1.6	12.340		5W1SA	S	214	2.3	12.100						
I3FIY	SAH	346	2	12.339		YU1RK	S	199	2	12.099						
DL4YAO	SAH	279	1.1	12.336		JH1OAI	S	147	0.7	12.097						
DL6RAI	SAL	313	1.6	12.336		JA3DAY	S	125	0	12.097						
DL4JLM	SAH	306	1.6	12.326		AL7LO	S	266	3.3	12.095						
PY5ZHP	SAH	494	3.7	12.324		SP9A	S	194	2	12.088						
HB9BAS	SAL	420	3	12.323		US3EW	S	143	0.7	12.085						
ON6FC	SAL	382	2.6	12.322		GW4W	S	160	1.2	12.084						
DL9SEV	SAL	289	1.4	12.321		UY5AR	S	236	2.9	12.083						
DL1DTL	SAH	248	0.8	12.314		EW3LN	S	246	3.1	12.081						
OK4DZ	SAL	205	0	12.312		HA3MY	S	316	4.2	12.080						
DK5DC	SAL	448	3.4	12.311		OK2QX	S	292	3.9	12.075						
OH6RE	SAH	246	0.8	12.311		YU1FG	S	174	1.7	12.071						
SP3A	SAL	223	0.4	12.308		G3RSD	S	137	0.7	12.067						
IT9RZU	SAL	203	0	12.307		OH2VZ	S	137	0.7	12.067						
IN3FHE	SAL	244	0.8	12.307		RM0F	S	404	5.4	12.066						
YT3H	SAH	278	1.4	12.304		DL1AMH	S	172	1.7	12.066						
PA3GVI	SAH	297	1.7	12.303		OH7KBF	S	187	2.1	12.062						
OM3GI	SAH	310	1.9	12.301		DL0SLG (DL2JRM, op)	S	115	0	12.061						
5R8SV	SAL	618	4.9	12.301		DL8ZAJ	S	134	0.7	12.057						
LZ1ZJ	SAH	406	3.1	12.299		RM6Y	S	151	1.3	12.049						
SO2W	SAH	443	3.5	12.296		OK5SA	S	199	2.5	12.049						
UV7V (UX1VT, op)	SAL	367	2.7	12.295		UT7QB	S	150	1.3	12.046						
S51MF	SAL	305	1.9	12.294		LA6CF	S	197	2.5	12.044						
PA5TT	SAH	218	0.5	12.288		DL1YCF	S	211	2.8	12.044						
OL5W	SAH	256	1.2	12.288		DL7YAD	S	149	1.3	12.043						
UA3AGW	SAH	285	1.7	12.285		IK3MLF	S	132	0.8	12.041						
DJ6GI	SAH	270	1.5	12.281		JA1NLX	S	182	2.2	12.040						
LZ1ND	SAH	317	2.2	12.281		G4DDX	S	195	2.5	12.040						
DL5XJ	SAH	282	1.7	12.280		LU8DZJ	S	280	4.1	12.037						
PA3GCV	SAH	446	3.7	12.279		MM3N (GM4SID, op)	S	164	1.8	12.035						
DK3UA	SAH	249	1.2	12.276		DK3AX	S	130	0.8	12.034						
PC5Q	SAL	249	1.2	12.276		UA2CZ	S	206	2.8	12.034						
DJ1AA	SAH	248	1.2	12.274		JA0BJY	S	108	0	12.033						
DK0AE (DJ1AA, op)	SAH	248	1.2	12.274		JA1CJP	S	107	0	12.029						
SM5DXT	SAL	325	2.4	12.272		MM3T	S	328	4.9	12.026						
7N4SJX	SAH	362	2.9	12.269		DL3DRN	S	176	2.2	12.026						
4Z5TK	SAH	308	2.2	12.269		JF1WNT	S	126	0.8	12.020						
LZ1ZM	SAL	228	0.9	12.268		UT2WQ	S	144	1.4	12.018						
OU4N	SAH	444	3.9	12.257		JR1NKN	S	104	0	12.017						
OM4O	SAL	255	1.5	12.257		LY9Y	S	104	0	12.017						
DK3DUA	SAL	220	0.9	12.252		OK1DJS	S	103	0	12.013						
SQ9S	SAL	195	0.5	12.240		OO9O	S	141	1.4	12.009						
IK0EFR	SAH	309	2.5	12.240		JF9JTS	S	198	2.9	12.007						
SA6G (SM6CUK, op)	SAH	279	2.1	12.236		JJ3JJL	S	122	0.8	12.006						
SM5EPO	SAH	263	1.9	12.230		CT1ZQ	S	101	0	12.004						
SV1JG	SAH	305	2.6	12.224		DF5TR	S	121	0.8	12.003						
DL1DXA	SAL	342	3.1	12.224		S55N	S	235	3.7	12.001						
LZ5XQ	SAL	259	1.9	12.223		HA7LW	S	155	1.9	12.000						
JF7PHE	SAH	258	1.9	12.222		DM2DZM	S	100	0	12.000						
EF8O (EA8OM, op)	SAL	257	1.9	12.220		EI5KG	S	120	0.8	11.999						
IR1X (IZ1GLX, op)	SAL	436	4.2	12.219		OK2PDK	S	329	5.2	11.997						
DJ9RR	SAH	165	0	12.217		UY2IZ	S	119	0.8	11.996						
RM7M	SAH	222	1.3	12.216		F5CT	S	167	2.3	11.993						
RU0LL	SAH	254	1.9	12.215		F5JSQ	S	183	2.7	11.992						
EA1FA	SAL	311	2.8	12.213		OZ5UR	S	98	0	11.991						

DF1LX	SAH	163	0	12.212		S57X	S	98	0	11.991						
F5UQE	SAL	205	1	12.212		DK5KF	S	117	0.8	11.988						
JA6BZI	SAH	347	3.3	12.210		IK0ISD	S	177	2.7	11.978						
G4WGE	SAL	182	0.5	12.210		YO5OHY	S	203	3.3	11.977						
LA8OM	SAL	237	1.7	12.205		DJ6FO	S	164	2.4	11.975						
SQ6LJV	SAH	160	0	12.204		9A4GD	S	116	0.9	11.974						
HA6NL	SAL	383	3.8	12.203		SI5Y (SM5BKK, op)	S	116	0.9	11.974						
OG7F (OH5DA, op)	SAH	159	0	12.201		OZ8AE	S	94	0	11.973						
PA3BUD	SAL	219	1.4	12.200		UY5QJ	S	94	0	11.973						
DL8LBK	SAL	199	1	12.199		JA6BWH	S	115	0.9	11.971						
LZ1EV	SAH	329	3.2	12.197		IK1XPK	S	214	3.6	11.970						
LB8DC	SAH	197	1	12.194		II2V (I2JIN, op)	S	114	0.9	11.967						
HA3MG	SAL	197	1	12.194		DL4DZ	S	267	4.6	11.967						
DL4FDM	SAH	179	0.6	12.193		9A2BD	S	176	2.8	11.966						
PB7Z	SAL	245	2	12.189		OK5WF	S	176	2.8	11.966						
PA1LEX	SAL	154	0	12.188		IZ2FME	S	92	0	11.964						
UA6LCN	SAH	300	2.9	12.187		JA3JM	S	113	0.9	11.963						
JQ1TIV	SAH	243	2	12.186		JA6FFK	S	113	0.9	11.963						
LW6DW	SAL	297	2.9	12.183		JJ0PJD	S	113	0.9	11.963						
DM7PQ	SAH	150	0	12.176		UX2MF	S	113	0.9	11.963						
LZ3ZZ	SAH	282	2.8	12.170		I5YKQ	S	129	1.5	11.961						
EA1AER	SAQ	224	1.8	12.170		OK1AXB	S	245	4.3	11.959						
CT7ANO	SAL	204	1.4	12.170		DL5CL	S	91	0	11.959						
DG5E (DK2CX, op)	SAH	146	0	12.164		LZ3YV	S	173	2.8	11.958						
OH6OS	SAH	146	0	12.164		JR2PMT	S	171	2.8	11.953						
YO8DOH	SAL	186	1.1	12.160		IZ6BXQ	S	110	0.9	11.951						
LZ6K (LZ2PL, op)	SAH	262	2.6	12.158		ZL1AA (ZL1XA, op)	S	158	2.5	11.949						
G0IBN	SAL	165	0.6	12.157		JA3UWB	S	109	0.9	11.947						
R3KM	SAH	261	2.6	12.157		F6FTB	S	88	0	11.944						
DJ2YA	SAH	358	4	12.154		US0SY	S	127	1.6	11.944						
KH6FP	SAH	246	2.4	12.151		OK1AWC	S	108	0.9	11.943						
V31YN (DJ4KW, op)	SAL	229	2.1	12.150		DF5AN	S	156	2.5	11.943						
EA3IN	SAH	245	2.4	12.149		JK8PBO	S	142	2.1	11.942						
PA0VAJ	SAH	244	2.4	12.147		DF7EM	S	182	3.2	11.940						
JA1MZM	SAL	197	1.5	12.144		OZ5RM	S	87	0	11.940						
HA8A (HA8DZ, op)	SAH	284	3.1	12.143		JA7FAS	S	107	0.9	11.939						
EB2RA	SAH	295	3.3	12.140		EV6Z	S	141	2.1	11.939						
ON5AM	SAL	281	3.1	12.139		JR7RZK	S	141	2.1	11.939						
9A4WY	SAH	194	1.5	12.138		JF1KWG	S	125	1.6	11.937						
DL1ASA	SAH	267	2.9	12.137		OM6AL	S	193	3.5	11.936						
EU1U	SAL	157	0.6	12.136		JH1LEM	S	85	0	11.929						
UR5R (UT0RM, op)	SAH	290	3.3	12.132		JH1MDJ	S	164	3	11.915						
G4HVC	SAL	290	3.3	12.132		F6JOE	S	81	0	11.908						
YL5X	SAH	174	1.1	12.131		LZ2CH	S	160	3	11.904						
SP7JLH	SAL	209	1.9	12.130		E74X	S	133	2.2	11.904						
PA1FNW	SAL	133	0	12.124		F5MA	S	133	2.2	11.904						
IU4CHE	SAH	220	2.2	12.122		SP9IHP	S	118	1.7	11.902						
EA2BD	SAL	218	2.2	12.118		PA2KW	S	100	1	11.900						
OK2SG	SAH	297	3.6	12.113		JN3TSY	S	79	0	11.898						
US2YW	SAH	246	2.8	12.111		DL2BQV	S	99	1	11.896						
YL5T (YL3DQ, op)	SAH	129	0	12.111		EA7HAB	S	99	1	11.896						
OP4A	SAL	168	1.2	12.105		JA1IAZ	S	99	1	11.896						
OK1AY	SAL	149	0.7	12.103		JA2QVP	S	99	1	11.896						
R6AP	SAH	215	2.3	12.102		EA5CP	S	146	2.7	11.894						
SC6W (SM6PPS, op)	SAH	125	0	12.097		IK1BPL	S	247	5	11.893						
PY4LH	SAL	376	4.8	12.095		DG0KS	S	98	1	11.891						

UT7QF	SAL	197	2	12.094		EA5ARC	S	115	1.7	11.891						
DF4XG	SAL	145	0.7	12.091		UR4IZ	S	115	1.7	11.891						
S59ABC (S51DS, op)	SAL	224	2.6	12.090		JK1NSR	S	97	1	11.887						
IK4OMU	SAL	144	0.7	12.088		LA2HFA	S	97	1	11.887						
RU6B	SAH	223	2.6	12.088		IU6AIG	S	77	0	11.886						
DL5ME	SAH	208	2.3	12.088		JA8CXY	S	77	0	11.886						
Z39A	SAL	143	0.7	12.085		R1AO	S	77	0	11.886						
PY2RH	SAL	237	2.9	12.085		DL1VDL	S	143	2.7	11.885						
OH2GEK	SAH	221	2.6	12.084		EB1EB	S	168	3.4	11.885						
RM2D (SM6LRR, op)	SAH	160	1.2	12.084		YR0WL	S	113	1.7	11.883						
SP2DKI	SAL	142	0.7	12.082		DL2ZBO	S	96	1	11.882						
YO5BRZ	SAH	178	1.7	12.080		JH8CXW	S	96	1	11.882						
YO5CRQ	SAL	120	0	12.079		UA1CUR	S	96	1	11.882						
DL8BH	SAL	174	1.7	12.071		EI5DI	S	76	0	11.881						
SP6CJK	SAL	174	1.7	12.071		PE1F	S	76	0	11.881						
ZW1M (PY1MK, op)	SAL	203	2.4	12.067		S52WD	S	76	0	11.881						
M4M (M0PNN, op)	SAL	314	4.3	12.067		OK1HEH	S	155	3.1	11.880						
RM2U (RU3UR, op)	SAH	189	2.1	12.066		GM3YEH	S	95	1	11.878						
UT7VR	SAL	243	3.2	12.066		JH1EVD	S	95	1	11.878						
LA1U	SAH	188	2.1	12.064		PD7CJT	S	95	1	11.878						
RM6AA	SAH	188	2.1	12.064		SK4EA (SM4EPR, op)	S	95	1	11.878						
RW3XZ	SAH	277	3.8	12.062		DL4JU	S	75	0	11.875						
HA3UU	SAH	153	1.3	12.055		DL3MVC	S	201	4.3	11.873						
YL2BJ	SAH	113	0	12.053		7K1CPT	S	74	0	11.869						
EC1RS	SAH	408	5.6	12.051		F1IWH	S	153	3.2	11.865						
RK6HG	SAL	198	2.5	12.047		JI1CNA	S	73	0	11.863						
DL5YL	SAL	167	1.8	12.043		DL1SO	S	110	1.8	11.861						
OZ4CG	SAL	196	2.5	12.042		JG3SVP	S	185	4.1	11.857						
JR2AWS	SAL	147	1.3	12.037		OK1FKD	S	71	0	11.851						
YT5N (YU7AF, op)	SAL	231	3.3	12.034		IZ2OOS	S	245	5.4	11.849						
HB9TSW	SAH	217	3.1	12.026		JA2KPW	S	91	1.1	11.849						
IW0GPW	SAL	160	1.8	12.024		G0BBO	S	122	2.4	11.846						
G4LPD	SAH	125	0.8	12.017		R7MT	S	70	0	11.845						
PF5X	SAH	187	2.6	12.012		SQ3PMX	S	70	0	11.845						
IK2TDM	SAL	302	4.7	12.010		YO4SI	S	136	2.9	11.844						
DL2RTJ	SAL	123	0.8	12.010		PY4ARS	S	234	5.3	11.839						
IZ3DVU	SAL	123	0.8	12.010		JA1KIH	S	69	0	11.839						
DL7ALM	SAL	140	1.4	12.006		IK5BDG	S	146	3.3	11.834						
HA6FQ	SAH	157	1.9	12.006		JH8BKP	S	68	0	11.833						
PC5D	SAL	157	1.9	12.006		F5IAE	S	145	3.3	11.831						
SM0LPO	SAQ	101	0	12.004		OZ7EA	S	145	3.3	11.831						
YU2A	SAH	211	3.2	12.004		EE2A (EA2SN, op)	S	87	1.1	11.830						
DL5RMH	SAL	100	0	12.000		IZ3KMY	S	104	1.9	11.827						
PA9HR	SAL	154	1.9	11.998		OZ5KU	S	67	0	11.826						
OE2LCM	SAH	198	3	11.997		R0CAF	S	119	2.5	11.826						
RA3TT	SAH	99	0	11.996		IK0PEA	S	86	1.1	11.824						
UR2VA	SAL	99	0	11.996		JA1TMG	S	86	1.1	11.824						
SQ3JPV	SAL	153	1.9	11.995		ON6AT	S	103	1.9	11.823						
UA9MA	SAH	136	1.4	11.994		OM2XA	S	118	2.5	11.822						
G4ERW	SAL	136	1.4	11.994		NL7V	S	155	3.7	11.820						
SP2MKT	SAL	167	2.3	11.993		OK6N	S	155	3.7	11.820						
LY5T	SAL	98	0	11.991		G3LIK	S	144	3.4	11.818						
PA2PKZ	SAL	151	1.9	11.989		JH0NEC	S	177	4.3	11.818						
PA3EZC	SAL	194	3	11.988		LY5Q	S	101	1.9	11.814						
UT5ECZ	SAH	193	3	11.986		DL6SRD	S	130	3	11.814						
JH5MXB	SAH	96	0	11.982		EA8/DK6TR	S	65	0	11.813						

EA2AZ	SAL	178	2.7	11.980		JJ3TBB/3	S	65	0	11.813						
JN1THL	SAH	281	4.7	11.979		UW7CN	S	115	2.5	11.811						
I1JTQ	SAH	177	2.7	11.978		OH7KC	S	85	1.2	11.809						
DL6RDE	SAH	217	3.6	11.976		IN3HUU	S	64	0	11.806						
ON4KNP	SAL	164	2.4	11.975		OM3CPF	S	140	3.4	11.806						
OZ4VW	SAL	163	2.4	11.972		IK1WEG	S	175	4.4	11.803						
DJ8EW	SAH	132	1.5	11.971		YO2CJX	S	100	2	11.800						
R7NK	SAH	162	2.4	11.970		RA3DJA	S	63	0	11.799						
IZ8GBT	SAL	147	2	11.967		DL3JRA	S	82	1.2	11.794						
IW3ILM	SAQ	147	2	11.967		IK6DIN	S	113	2.6	11.793						
OK1SI	SAL	176	2.8	11.966		UT2HM	S	62	0	11.792						
UR5XMM	SAL	113	0.9	11.963		G3YEU	S	98	2	11.791						
UZ7U	SAH	112	0.9	11.959		DJ1YFK	S	61	0	11.785						
LY3CY	SAH	111	0.9	11.955		DL1YPF	S	61	0	11.785						
8P50B (8P6SH, op)	SAL	110	0.9	11.951		JK7UST	S	61	0	11.785						
PG3N	SAH	109	0.9	11.947		OZ1AAR	S	111	2.6	11.785						
PY1GQ	SAL	545	7.9	11.946		JK1OPL	S	192	5	11.783						
DJ3RA	SAL	88	0	11.944		IZ8DUD	S	148	3.9	11.780						
PD3J	SAL	88	0	11.944		PV8ADI	S	1463	13.9	11.775						
RW0LBM	SAL	142	2.1	11.942		DK2ZO	S	79	1.3	11.768						
JE1LFX	SAH	126	1.6	11.940		JA1SCE	S	79	1.3	11.768						
OH2KW	SAH	168	2.9	11.935		JA2KKA	S	79	1.3	11.768						
HA8AR	SAL	139	2.1	11.933		JK7DWD	S	79	1.3	11.768						
YO7CVL	SAL	123	1.6	11.930		OK1AMM	S	79	1.3	11.768						
PA3DRL	SAL	138	2.1	11.930		JA1CRJ	S	109	2.7	11.767						
UA3X	SAH	84	0	11.924		SP5ULV	S	58	0	11.763						
LZ7O (LZ1ONK, op)	SAL	84	0	11.924		UA7G	S	58	0	11.763						
RA6AN	SAH	190	3.6	11.919		DR1517LU (DL2HWI, o	S	155	4.3	11.760						
KP4/N1EN	SAH	104	1	11.917		9M2ZAK	S	120	3.2	11.759						
UW0K (US0KW, op)	SAH	104	1	11.917		DJ3XD	S	93	2.1	11.758						
IZ2DLV	SAH	243	4.7	11.916		DH2URF	S	57	0	11.756						
EA5IHK	SAL	82	0	11.914		G4SGI	S	57	0	11.756						
RT4M	SAH	149	2.6	11.913		PA0JHS	S	57	0	11.756						
OK2QA	SAH	103	1	11.913		DJ3CS	S	92	2.1	11.754						
F6FLU	SAH	210	4.1	11.912		IW8FFX	S	240	6.3	11.750						
JM1XCW	SAH	209	4.1	11.910		JA0IOF	S	56	0	11.748						
PA1T	SAH	102	1	11.909		JE8KKX	S	55	0	11.740						
RK7F	SAH	102	1	11.909		SM5ACQ	S	55	0	11.740						
JP1LRT	SAH	147	2.6	11.907		EW1TO	S	117	3.3	11.738						
SM6NET	SAH	197	3.9	11.904		YL2CV	S	140	4.1	11.736						
TA1L	SAL	101	1	11.904		US0UX	S	116	3.3	11.734						
LU7DIR	SAL	333	6.2	11.902		JR1AQI	S	54	0	11.732						
YO4FTE	SAL	118	1.7	11.902		UR7CB	S	89	2.2	11.729						
PA1BX	SAH	132	2.2	11.901		EA4OA	S	88	2.2	11.724						
YU1LA	SAL	131	2.2	11.897		JE1RRK	S	88	2.2	11.724						
S52W	SAL	99	1	11.896		JA8AJE	S	53	0	11.724						
PB5DX	SAH	184	3.7	11.895		OK1HCG	S	53	0	11.724						
SM3OMO	SAH	146	2.7	11.894		JR2MIO	S	73	1.4	11.723						
JI1ALP	SAL	78	0	11.892		PA5GU	S	115	3.4	11.721						
SP2MKI	SAL	78	0	11.892		Z35F	S	87	2.2	11.720						
OM3WZ	SAL	77	0	11.886		YO9GDN	S	72	1.4	11.717						
SA4A (SM5PBT, op)	SAL	193	4	11.886		JF1OPL	S	147	4.5	11.717						
OK2TRN	SAL	143	2.7	11.885		UA6HFI	S	114	3.4	11.717						
HA3FMR	SAL	156	3.1	11.883		DH0JAE	S	52	0	11.716						
PD0ME	SAL	155	3.1	11.880		I2BPP	S	101	2.9	11.714						
F8DFP	SAL	154	3.1	11.878		JL1JJD	S	101	2.9	11.714						

EA6ZS	SAL	128	2.3	11.877		PY2AXH	S	101	2.9	11.714						
R7CA	SAL	167	3.5	11.873		DL5QS	S	71	1.4	11.711						
YT7KM	SAL	141	2.8	11.869		EA3BRL	S	71	1.4	11.711						
RU4LM	SAL	112	1.8	11.869		LZ2DJA	S	112	3.4	11.709						
S58P	SAH	177	3.8	11.868		DL0NG (DK8NC, op)	S	51	0	11.708						
LZ2DF	SAH	165	3.5	11.867		RA7R	S	51	0	11.708						
IU4FJI	SAL	165	3.5	11.867		JA1CP	S	99	2.9	11.706						
DL6HCC	SAH	140	2.8	11.866		OM8MF	S	99	2.9	11.706						
OM3CW	SAH	140	2.8	11.866		LY1M	S	70	1.4	11.705						
DL5ARM	SAL	111	1.8	11.865		HL2CFY	S	86	2.3	11.704						
OL1A (OK1CW, op)	SAH	164	3.5	11.865		DL2AWA	S	85	2.3	11.699						
PA2S	SAL	153	3.2	11.865		JA1OHP	S	50	0	11.699						
UA3MIF	SAL	73	0	11.863		JG2RFJ	S	69	1.4	11.699						
PA4WM	SAH	139	2.8	11.863		LZ1VQ	S	144	4.6	11.698						
OH3JR	SAH	208	4.6	11.858		DL4ALI	S	111	3.5	11.695						
DL1DBR	SAH	109	1.8	11.857		IK2UJF	S	111	3.5	11.695						
EA1WH	SAL	72	0	11.857		JH1GNU	S	133	4.3	11.694						
JA1WWO	SAH	216	4.8	11.854		VU2TMP	S	110	3.5	11.691						
OH6BA	SAH	71	0	11.851		DL6UHA	S	98	3	11.691						
G0EFO	SAL	71	0	11.851		I0WBX	S	191	5.9	11.691						
PA3FYM	SAH	123	2.4	11.850		JH1JNJ	S	49	0	11.690						
OM2XW	SAH	107	1.8	11.849		EA4GMX	S	208	6.3	11.688						
JH1CTV	SAH	91	1.1	11.849		N7ET/DU7	S	97	3	11.687						
JG1EIQ/3	SAL	91	1.1	11.849		OZ6AGX	S	48	0	11.681						
ON4CAS	SAL	122	2.4	11.846		IW3FVZ	S	67	1.5	11.676						
SM5S (SM5SIC, op)	SAL	70	0	11.845		DL4DRW	S	119	4	11.676						
DL9GTB	SAH	159	3.6	11.841		JA3QOS	S	129	4.4	11.671						
G4RRM	SAH	89	1.1	11.839		RX3MM	S	46	0	11.663						
RN3TT	SAH	89	1.1	11.839		YO6HSU	S	117	4.1	11.658						
SV6DBL	SAL	69	0	11.839		SM6GBM	S	128	4.5	11.657						
YV5EMG	SAH	233	5.3	11.837		EA3GHZ	S	116	4.1	11.654						
R3MU	SAL	68	0	11.833		GM3W (GM3JKS, op)	S	116	4.1	11.654						
GI5I (GI4DOH, op)	SAH	132	2.9	11.831		JJ3DJS/8	S	45	0	11.653						
JO4CFV	SAH	132	2.9	11.831		UR5FS	S	175	5.9	11.653						
UR7LY	SAH	190	4.5	11.829		SP6BEN	S	44	0	11.643						
SV3RF	SAH	158	3.7	11.829		YV5OIE	S	412	9.8	11.635						
JI4WAO	SAH	86	1.1	11.824		DL5ANS	S	43	0	11.633						
SV5DKL	SAH	103	1.9	11.823		JH1FNU	S	43	0	11.633						
PA3HGF	SAL	103	1.9	11.823		UA4Z	S	43	0	11.633						
F6CZV/P (F6CZV/P, op)	SAL	118	2.5	11.822		UR3QGJ	S	43	0	11.633						
DF1MM	SAL	144	3.4	11.818		EA1CQ	S	143	5.3	11.625						
EA1CBX	SAL	144	3.4	11.818		YO2MKI	S	220	7.2	11.622						
EA3CEC	SAL	101	1.9	11.814		PA0RRS	S	100	3.8	11.620						
Z37M	SAL	64	0	11.806		YO2CEQ	S	112	4.3	11.619						
DL2DXA	SAH	225	5.5	11.802		JA6CVR	S	60	1.6	11.618						
UX1UX	SAH	214	5.3	11.800		R3OM	S	60	1.6	11.618						
PA3GDD	SAH	100	2	11.800		UX1VX	S	121	4.7	11.613						
LY4K	SAL	63	0	11.799		JA1AZR	S	74	2.6	11.609						
RQ7R	SAL	63	0	11.799		G4CXQ	S	99	3.9	11.606						
UA9W	SAL	63	0	11.799		JA1BBC	S	99	3.9	11.606						
FM5AN	SAH	114	2.6	11.797		JG1WKM	S	40	0	11.602						
IZ4AFW	SAL	150	3.8	11.796		LZ7H	S	40	0	11.602						
JO4BOW	SAH	99	2	11.796		JA1FVE	S	98	3.9	11.601						
PA1CW	SAL	99	2	11.796		G3UFO	S	119	4.8	11.596						
LA/DL7URH (DL7URH, c	SAH	193	4.9	11.796		RJ3DC (RJ3DC PASHKO	S	119	4.8	11.596						
SP5TT	SAH	193	4.9	11.796		OM4AY	S	86	3.4	11.594						

UX5UN	SAL	62	0	11.792		VK4TT	S	86	3.4	11.594						
DK1AX	SAH	98	2	11.791		JA1IE	S	58	1.7	11.593						
EW8OW	SAH	98	2	11.791		RN4W	S	58	1.7	11.593						
ZS1C	SAH	181	4.7	11.788		DH8MS	S	39	0	11.591						
EH5WAP (EA5BB, op)	SAL	97	2	11.787		DL3HAE	S	39	0	11.591						
EA2AAZ	SAH	136	3.5	11.784		RA3THN	S	39	0	11.591						
IK2SAU	SAL	159	4.2	11.781		SP4AWE	S	172	6.5	11.586						
DL4VAI	SAL	219	5.6	11.780		SP4GHL	S	84	3.4	11.584						
RQ3M	SAH	60	0	11.778		OM5MX	S	96	4	11.582						
RW9USA	SAH	60	0	11.778		JF1LMB	S	145	5.8	11.581						
F4HQZ	SAH	627	10.2	11.777		DL1NKB	S	38	0	11.580						
OK2SAR	SAL	180	4.8	11.775		S53JW	S	117	4.9	11.578						
UX9Q (UR9QQ, op)	SAL	226	5.8	11.774		T88DT	S	95	4	11.578						
RT5Q	SAL	133	3.6	11.764		DL7VHP	S	106	4.5	11.575						
DG7RO	SAL	58	0	11.763		DL3SEM	S	187	7	11.572						
LY7Z	SAL	58	0	11.763		F8VOL	S	126	5.3	11.570						
DL6DCD	SAH	78	1.3	11.762		JI5NWQ	S	37	0	11.568						
OK2PF	SAL	107	2.7	11.759		JH1NXU	S	56	1.8	11.568						
SP2QG	SAH	92	2.1	11.754		IK1WGZ	S	55	1.8	11.560						
DF1HF	SAL	76	1.3	11.751		JA7MWC	S	55	1.8	11.560						
UR7VA	SAL	56	0	11.748		JH7IXX	S	69	2.8	11.559						
OM5UM	SAL	173	4.9	11.748		JA2GHP	S	36	0	11.556						
PB2JJ	SAL	75	1.3	11.745		M0SEL	S	36	0	11.556						
SQ3R (SQ3HMM, op)	SAL	75	1.3	11.745		UR5FEO	S	36	0	11.556						
RM3F	SAL	87	2.2	11.720		DL1DWR	S	54	1.8	11.552						
G4MKR	SAL	52	0	11.716		G3SQU	S	54	1.8	11.552						
E72MD	SAQ	113	3.4	11.713		JA1SKE	S	54	1.8	11.552						
SV9COL	SAH	100	2.9	11.710		JH1RRP	S	54	1.8	11.552						
DL6MRS	SAH	51	0	11.708		US7IA	S	54	1.8	11.552						
PY1BAB	SAL	50	0	11.699		DL5CD	S	123	5.4	11.550						
GM0B (GM0EGI, op)	SAH	111	3.5	11.695		R7KX	S	91	4.2	11.539						
OZ1DJJ	SAL	68	1.4	11.693		UT5EOX	S	67	2.9	11.536						
OH3EX	SAH	98	3	11.691		IU8ACL	S	225	8.2	11.532						
R7GX	SAH	132	4.3	11.691		HG2DX	S	52	1.9	11.526						
DL7CX	SAH	97	3	11.687		UN6LN	S	52	1.9	11.526						
SV1ME	SAH	48	0	11.681		OK2VV	S	163	6.9	11.522						
SM7IUN	SAL	48	0	11.681		PY2LPM	S	33	0	11.519						
RT9A	SAH	162	5.3	11.680		JI1RSF	S	51	1.9	11.518						
UT1IM	SAH	83	2.4	11.679		LZ1IA	S	88	4.3	11.514						
VK4ACN	SAL	180	5.8	11.675		BD5XX	S	77	3.8	11.506						
PY1ZV	SAL	291	7.9	11.674		DL2LFH	S	32	0	11.505						
EA5GIE	SAH	82	2.4	11.674		PA0ZAV	S	50	2	11.499						
JK1THE	SAL	82	2.4	11.674		EU6AA	S	31	0	11.491						
IK8TEO	SAL	47	0	11.672		HB9AYZ	S	31	0	11.491						
PC4Y	SAL	47	0	11.672		JF7GDF	S	31	0	11.491						
RA6DT	SAL	47	0	11.672		OE1VMC	S	31	0	11.491						
F5TGR	SAL	211	6.6	11.664		VU2DCC	S	31	0	11.491						
IK6QON	SAL	149	5.1	11.663		IK2TKX	S	49	2	11.490						
OZ0B (OZ1ISY, op)	SAL	192	6.3	11.653		R7FO	S	49	2	11.490						
UW5Q (UR3QCW, op)	SAL	45	0	11.653		RA6XB	S	49	2	11.490						
JH2FXK	SAH	79	2.5	11.648		IN3ISV	S	63	3.1	11.489						
SK6QA (SA6AXR, op)	SAL	77	2.5	11.636		PD0HF	S	63	3.1	11.489						
ZL4TT	SAH	183	6.3	11.632		PA4DO	S	106	5.4	11.485						
YU1EW	SAL	102	3.8	11.629		DM2ORI	S	48	2	11.481						
R5FU	SAH	61	1.6	11.625		IZ4GJJ	S	48	2	11.481						
YU1CC	SAH	133	5	11.624		JE3UHV	S	48	2	11.481						

RT1M	SAH	42	0	11.623		UT8IM	S	105	5.4	11.481						
RD7T (RX7T, op)	SAL	42	0	11.623		HA7PO	S	95	5	11.478						
UW5ZM	SAH	76	2.6	11.621		DK4EF	S	30	0	11.477						
DL7UN	SAL	75	2.6	11.615		JF2KWM	S	30	0	11.477						
DG7NFX	SAH	88	3.3	11.614		G6NHU	S	29	0	11.462						
DL1TS	SAL	88	3.3	11.614		JL3PPN	S	47	2.1	11.462						
SP6MLX	SAL	41	0	11.613		JO3JYE	S	47	2.1	11.462						
PP5BZ	SAL	87	3.3	11.610		JO3QVT	S	47	2.1	11.462						
JA2FSM	SAH	74	2.6	11.609		DL3RAR	S	72	4	11.457						
JA1UII	SAL	99	3.9	11.606		DS5VTG	S	46	2.1	11.453						
LA7SI	SAH	40	0	11.602		SP6A	S	182	8.1	11.450						
OZ2U	SAH	120	4.8	11.599		RZ3Z	S	120	6.3	11.449						
XE2JS	SAL	109	4.4	11.597		JA3RAZ	S	28	0	11.447						
EF5R (EA5BWR, op)	SAH	86	3.4	11.594		PA3MET	S	119	6.3	11.446						
G7TWC	SAL	86	3.4	11.594		YO5NY	S	101	5.6	11.444						
JE2WLD	SAH	58	1.7	11.593		OK1ABF	S	59	3.3	11.441						
IZ4AKO	SAL	58	1.7	11.593		EA4EER	S	58	3.3	11.433						
DJ7MH	SAH	118	4.8	11.592		IT9DKI	S	45	2.2	11.433						
OY1CT	SAH	39	0	11.591		DL6RBH	S	44	2.2	11.423						
IZ8XXE	SAL	57	1.7	11.586		JA5CBU	S	44	2.2	11.423						
IZ4OSH	SAH	171	6.6	11.573		OK1BLU	S	147	7.5	11.417						
R4LC	SAH	83	3.5	11.569		PI4RAG (PA3CLQ, op)	S	26	0	11.415						
PA2GRU	SAL	83	3.5	11.569		VK2EL	S	26	0	11.415						
EA2DVR	SAQ	37	0	11.568		JH0ILL	S	116	6.5	11.414						
PH0AS	SAH	82	3.5	11.564		JK1LSE	S	115	6.5	11.411						
DF7JC	SAL	55	1.8	11.560		5P6P	S	56	3.4	11.408						
IV3AZV	SAH	104	4.6	11.557		JH3FUK	S	56	3.4	11.408						
UR7GO	SAH	36	0	11.556		UA5C	S	56	3.4	11.408						
ES0DJ	SAL	54	1.8	11.552		OK2BJK	S	106	6.2	11.405						
R4BZ	SAH	197	7.5	11.544		EA4UB	S	160	8	11.404						
SV1AJO	SAL	68	2.9	11.543		I2RBR	S	25	0	11.398						
SV2BXA	SAL	174	7	11.541		JH6SCA	S	25	0	11.398						
EA1EXE	SAH	112	5.1	11.539		UA0DBX	S	25	0	11.398						
EA2CW	SAL	91	4.2	11.539		EA5GIN	S	77	4.9	11.396						
BA7QT	SAH	34	0	11.531		IK5AMB	S	67	4.3	11.396						
PE2K	SAQ	34	0	11.531		RN4SC	S	42	2.3	11.393						
DL1ONI	SAL	78	3.7	11.522		UT5VX	S	96	5.9	11.392						
S57W	SAH	170	7.1	11.520		YC1DPM	S	55	3.5	11.390						
RU4A	SAH	100	4.8	11.520		JI1FOE	S	66	4.3	11.390						
JE1NVD	SAL	33	0	11.519		7Z1HL	S	24	0	11.380						
2W0WOD	SAL	51	1.9	11.518		PA0RBA	S	111	6.7	11.375						
RK2M	SAL	51	1.9	11.518		DL5MHR	S	94	6	11.373						
PY5AKW	SAH	343	10.2	11.515		UT3UZ	S	94	6	11.373						
IB2T (IZ2BKP, op)	SAH	330	10.1	11.509		IK1UGX	S	65	4.4	11.373						
SM3EAE	SAL	77	3.8	11.506		DK8RE	S	41	2.4	11.373						
JI1PBK	SAL	32	0	11.505		HB9DHZ	S	41	2.4	11.373						
PU2WDX	SAL	32	0	11.505		4Z5LU	S	85	5.6	11.369						
SP3MEP	SAL	87	4.4	11.500		YC6MYO	S	23	0	11.362						
UW3HM	SAH	97	4.9	11.497		IK2WQH	S	74	5.1	11.359						
IZ8VKW	SAL	97	4.9	11.497		PA0RHA	S	74	5.1	11.359						
DL2MM	SAH	31	0	11.491		UR3PA	S	64	4.5	11.356						
OK1ATP	SAH	31	0	11.491		DF9GH	S	22	0	11.342						
PY2COY	SAL	31	0	11.491		JF2FIU	S	22	0	11.342						
LZ45YE	SAH	49	2	11.490		RX9FB	S	22	0	11.342						
RG3B	SAL	63	3.1	11.489		IW2ESL	S	39	2.5	11.341						
UT7NY	SAH	106	5.4	11.485		EA8RP	S	99	6.6	11.336						

EA7MT	SAL	62	3.1	11.482		RA0F	S	21	0	11.322						
LZ7U	SAH	123	6.1	11.480		SM5BJT	S	21	0	11.322						
JA5NSR	SAH	30	0	11.477		SP6BXM	S	21	0	11.322						
OM7LM	SAL	30	0	11.477		VK3GK	S	21	0	11.322						
UC5G	SAH	227	8.8	11.476		JR1LEV	S	38	2.6	11.320						
TF3W (TF3DC, op)	SAH	84	4.5	11.474		EA3AGB	S	142	8.4	11.312						
EA4XT	SAL	73	3.9	11.473		UA4UAR	S	37	2.6	11.308						
SP3DOF	SAL	104	5.5	11.467		SV1RUX	S	70	5.4	11.305						
RW4WA	SAL	29	0	11.462		JA1CCX	S	20	0	11.301						
PA1HR	SAH	111	5.9	11.455		JA1GZK	S	20	0	11.301						
R2CA	SAH	70	4.1	11.435		JH1WOY	S	20	0	11.301						
PA0M	SAH	58	3.3	11.433		R4HM	S	20	0	11.301						
JA5FNX	SAH	100	5.7	11.430		JN1MSO	S	49	3.9	11.300						
SQ9FMU	SAL	44	2.2	11.423		R6LAQ	S	79	6	11.298						
ES1BH	SAL	89	5.3	11.419		OM4DU	S	69	5.5	11.289						
JN3IWQ	SAL	26	0	11.415		JA9EJG	S	36	2.7	11.286						
OH2LNH	SAL	26	0	11.415		VR2CO	S	36	2.7	11.286						
JH3WKE	SAQ	98	5.8	11.411		DL5DBH	S	48	4	11.281						
OK2BHD	SAL	106	6.2	11.405		DG3BCZ	S	68	5.6	11.273						
DK8NX	SAL	43	2.3	11.403		SQ9FQY	S	67	5.6	11.266						
UA9LAO	SAH	78	4.9	11.402		DG8KAD	S	18	0	11.255						
RW5CW	SAH	42	2.3	11.393		US7IGN	S	83	6.7	11.249						
M0HOM	SAL	55	3.5	11.390		R3AP	S	114	8.1	11.247						
SQ8BGR	SAQ	55	3.5	11.390		PA3DBS	S	179	10.1	11.243						
R2RT	SAL	66	4.3	11.390		PA0SKP	S	74	6.3	11.239						
LZ7D (LZ3RN, op)	SAL	76	5	11.381		JP1SRG	S	82	6.8	11.234						
JA1BNW	SAL	54	3.6	11.372		DJ3GE	S	17	0	11.230						
UR7R (UX1RX, op)	SAL	53	3.6	11.364		JH0ROS/1	S	17	0	11.230						
EW6F (EW6GF, op)	SAL	40	2.4	11.362		RI1AND (RW1AI, op)	S	17	0	11.230						
OF2KM (OH2KM, op)	SAL	40	2.4	11.362		DF5BX	S	33	2.9	11.229						
SP9JZT	SAH	148	8.1	11.360		JA3IBU	S	55	5.2	11.220						
HA8VK	SAH	109	6.8	11.357		LZ1IKY	S	103	8	11.213						
DL3CX	SAL	64	4.5	11.356		F4GFT	S	32	3	11.205						
DL/HA5VJ	SAL	335	11.8	11.345		YO9AGI	S	123	8.9	11.200						
RA0LL	SAH	22	0	11.342		DF1XC	S	63	6	11.199						
MM4D (GM4ATA, op)	SAH	39	2.5	11.341		IZ1KGY	S	63	6	11.199						
ON7XN	SAL	39	2.5	11.341		US3UA	S	53	5.4	11.184						
LZ1CNN	SAH	62	4.6	11.332		JA3EGE	S	31	3.1	11.181						
GD4EIP	SAH	106	7	11.325		UR5NDS	S	85	7.6	11.169						
JR7IWC	SAH	21	0	11.322		XE1RZL	S	279	12.8	11.166						
PA2A	SAL	21	0	11.322		F8OOI	S	92	8	11.164						
SI6T	SAL	21	0	11.322		PA5SKY	S	30	3.2	11.157						
PA2TA	SAL	71	5.3	11.321		EA7CIX	S	60	6.3	11.148						
F5IYJ	SAQ	105	7.1	11.311		HS5NMF	S	14	0	11.146						
DF8KY	SAH	37	2.6	11.308		JA0LNS	S	14	0	11.146						
RW4CLF (@ RT4D)	SAH	134	8.2	11.307		JI1LAI	S	14	0	11.146						
RA1QD	SAH	70	5.4	11.305		JR3NDM	S	14	0	11.146						
F4EUG	SAH	20	0	11.301		LY2BNL	S	14	0	11.146						
7K4VPV	SAL	20	0	11.301		RU6MO	S	14	0	11.146						
9V1XX	SAL	20	0	11.301		JA0AVS	S	41	4.7	11.143						
OZ1KIH	SAL	20	0	11.301		RM7F	S	41	4.7	11.143						
WP3E (NP4EG, op)	SAL	20	0	11.301		IK0PXD	S	166	10.8	11.140						
YB8UTI	SAL	20	0	11.301		CN8YR	S	29	3.3	11.132						
MW0BRO	SAL	49	3.9	11.300		ER3DX	S	29	3.3	11.132						
UA3PI	SAL	133	8.3	11.294		IN3UFW	S	40	4.8	11.122						
IZ0FZM	SAL	78	6	11.292		JH1KQF	S	13	0	11.114						

JH1GBO	SAL	36	2.7	11.286		CT1DJE	S	127	9.9	11.114						
RK6AQP	SAH	19	0	11.279		UN9GD	S	28	3.4	11.107						
E28AD (E20HHK, op)	SAL	19	0	11.279		UA6BFE	S	65	7.1	11.103						
I3VJW	SAH	58	4.9	11.273		JL3RDC	S	39	4.9	11.101						
UR7HN	SAL	144	8.9	11.268		UY6U (UX7UU, op)	S	48	5.9	11.091						
R7KKO	SAL	115	8	11.261		JR2FJC	S	38	5	11.080						
OR4K	SAL	122	8.3	11.256		SM5ENX	S	38	5	11.080						
TA4CS	SAL	18	0	11.255		SM7DBN	S	12	0	11.079						
HA3PV	SAL	83	6.7	11.249		DL9GMC	S	56	6.7	11.078						
UI8J	SAH	99	7.5	11.246		JE3ECD	S	92	8.9	11.074						
9A3TU	SAL	46	4.2	11.243		IK5MEP	S	47	6	11.072						
UN4PG	SAL	17	0	11.230		JR6HMJ/1	S	27	3.6	11.071						
YL2AG	SAL	45	4.3	11.223		ON7CC	S	71	7.8	11.071						
BH4TQX	SAL	16	0	11.204		G4IUF	S	98	9.3	11.061						
UT0EM	SAQ	16	0	11.204		VK2PN	S	98	9.3	11.061						
SP3GTS	SAH	79	7.1	11.188		UT5UQV	S	46	6.1	11.053						
DK1WU	SAH	53	5.4	11.184		JF1UOX	S	26	3.7	11.045						
F4HPX	SAL	53	5.4	11.184		RL9I	S	26	3.7	11.045						
LA8CJ	SAL	134	9.5	11.177		EU8F	S	11	0	11.041						
KL1JP	SAL	15	0	11.176		G4IKR	S	11	0	11.041						
UR5FCM	SAQ	15	0	11.176		HC2GRC (HC2AO, op)	S	11	0	11.041						
EA3AKA	SAH	113	8.9	11.163		ZL4NR	S	11	0	11.041						
ON7PX	SAL	69	6.8	11.159		KH6BE	S	45	6.3	11.023						
UT4UB	SAL	69	6.8	11.159		UT5UNZ	S	45	6.3	11.023						
JE2DLR	SAL	30	3.2	11.157		OK1DCP	S	25	3.8	11.018						
DK6JU	SAH	105	8.7	11.151		PY1NP	S	25	3.8	11.018						
PA5PR	SAL	51	5.6	11.148		F4GOU	S	35	5.4	11.004						
JA4XHF/3	SAL	50	5.7	11.129		US7IM	S	44	6.4	11.003						
YB8RW	SAL	134	10.1	11.117		F1VEV	S	10	0	11.000						
VU3DMP	SAL	13	0	11.114		IK5QPS	S	10	0	11.000						
YE3AA (N1IP, op)	SAL	13	0	11.114		JA3GZE/1	S	10	0	11.000						
JR8QFG	SAL	28	3.4	11.107		RO7K	S	10	0	11.000						
I7CSB	SAH	64	7.2	11.086		US3IZ	S	10	0	11.000						
PY2KG	SAL	12	0	11.079		OM4CI	S	43	6.5	10.983						
UA4CNJ	SAL	12	0	11.079		RN4CA	S	43	6.5	10.983						
YU2KMM	SAL	12	0	11.079		DL4FAP	S	24	4	10.980						
JR4VEV	SAH	56	6.7	11.078		JO1WIZ	S	24	4	10.980						
YO5TI	SAH	27	3.6	11.071		SM7RYR	S	24	4	10.980						
UR3ABM	SAL	27	3.6	11.071		OH2DA	S	58	7.9	10.973						
JA1HGY	SAH	37	5.1	11.058		IK2IKW	S	9	0	10.954						
RU7A	SAL	26	3.7	11.045		JI1AEP	S	9	0	10.954						
YL3GX	SAL	26	3.7	11.045		DF2WF	S	71	9	10.951						
JA1TQE	SAL	11	0	11.041		JR7ASO	S	23	4.2	10.942						
F3WT	SAL	76	8.4	11.041		JA7BEW	S	41	6.8	10.933						
IZ2ZOT	SAL	45	6.3	11.023		DJ3JD	S	56	8.2	10.928						
JE2DOD	SAL	45	6.3	11.023		R1CAA	S	117	11.4	10.928						
DM6CS	SAL	25	3.8	11.018		SM6IQD	S	22	4.3	10.912						
RX3AEX	SAL	60	7.7	11.008		7N4QCQ	S	8	0	10.903						
JF3GFH/1	SAL	10	0	11.000		9X2CW (SM1TDE, op)	S	8	0	10.903						
2E0NCN	SAL	9	0	10.954		EA2DDE	S	8	0	10.903						
BH4BFS	SAL	9	0	10.954		JR2EKD	S	8	0	10.903						
JH6QIL	SAL	42	6.7	10.953		JW2US	S	8	0	10.903						
RA4LW	SAH	23	4.2	10.942		KP4/AD3Y (AD3Y, op)	S	8	0	10.903						
JA0GCI	SAQ	23	4.2	10.942		RD1A	S	8	0	10.903						
ON9EEE	SAQ	22	4.3	10.912		HB9DND	S	61	9	10.885						
CT3FW	SAL	62	8.8	10.912		PA2CHM	S	91	10.8	10.879						

UA0SE	SAH	8	0	10.903		G4AYU	S	21	4.5	10.872						
BI3NTC	SAL	8	0	10.903		JA1UOA	S	21	4.5	10.872						
EW2DZ	SAH	21	4.5	10.872		JA1UXV	S	21	4.5	10.872						
7L4FCN	SAL	21	4.5	10.872		UT4VW	S	21	4.5	10.872						
SP5XO	SAQ	21	4.5	10.872		G8GHD	S	78	10.3	10.862						
EA3NA	SAL	95	11.2	10.858		UT7IS	S	66	9.6	10.860						
RA3Y	SAL	30	6.3	10.847		JA9DTV/1	S	38	7.3	10.850						
RA6GW	SAH	37	7.5	10.818		UR4LIN	S	30	6.3	10.847						
OH2BBT	SAH	29	6.5	10.812		JE1GZB	S	7	0	10.845						
F/SQ6MS	SAQ	69	10.4	10.799		IK2AUK	S	74	10.8	10.789						
JI1ANI	SAH	36	7.7	10.786		PA3CVI	S	91	11.7	10.789						
DO4TP	SAQ	19	5	10.779		JA1BVY	S	19	5	10.779						
PU8TAS	SAL	6	0	10.778		JK2AQT	S	19	5	10.779						
RM3TO	SAL	6	0	10.778		JM1KLO	S	6	0	10.778						
EC7DWP	SAL	71	11.3	10.721		PC3H	S	28	6.7	10.777						
YL9T	SAH	5	0	10.699		UT8UD	S	28	6.7	10.777						
LZ1OJ	SAL	5	0	10.699		VU2XE	S	28	6.7	10.777						
SM0WRA	SAL	5	0	10.699		UY0ZG	S	35	7.9	10.754						
PA3AJI	SAL	69	11.5	10.689		F6BIP	S	18	5.3	10.725						
PY2NFE	SAH	33	8.3	10.689		HA4YF	S	18	5.3	10.725						
BD1IIJ	SAL	46	9.8	10.683		DL5KVV	S	5	0	10.699						
HA7JQK	SAH	17	5.6	10.670		PY1TTN	S	5	0	10.699						
DL5AOJ	SAL	57	10.9	10.666		JA1GVM	S	33	8.3	10.689						
LY2EN	SAH	25	7.4	10.658		OZ4FF	S	57	10.9	10.666						
LY3X	SAH	26	7.7	10.645		I1ABT	S	25	7.4	10.658						
UA3DUJ	SAL	44	10.2	10.623		DL3SDN	S	45	10	10.653						
DO7CED	SAL	31	8.8	10.611		IU3BPW	S	38	9.5	10.630						
PD3OES	SAL	4	0	10.602		SE5L (SM5ALJ, op)	S	66	12	10.620						
RN6L	SAH	49	10.9	10.600		RA3NC	S	16	5.9	10.614						
UX4CR	SAL	54	11.5	10.582		JG4WTY/1	S	4	0	10.602						
UA6GF	SAL	42	10.6	10.563		UR5EFL	S	4	0	10.602						
UI0L	SAH	23	8.3	10.532		SP2HHX	S	30	9.1	10.567						
SP2WGB	SAL	72	13.3	10.527		JH1GTU	S	15	6.3	10.546						
BI4OJF	SAL	3	0	10.477		UT2UB	S	33	10.8	10.439						
BV3UF	SAL	3	0	10.477		DL8UKW	S	32	11.1	10.395						
LZ3FN	SAH	14	6.7	10.476		RA0LMK	S	20	9.1	10.391						
R3LA	SAH	28	10.3	10.417		YO4BEX	S	26	10.3	10.385						
TA4SO	SAL	20	9.1	10.391		RU3YAA	S	36	12.2	10.336						
SP6JQC	SAL	19	9.5	10.329		DL2TM	S	12	7.7	10.309						
RA0AM	SAH	2	0	10.301		R9XG	S	2	0	10.301						
JA4AVO	SAL	2	0	10.301		RV3MR	S	2	0	10.301						
SP6IHE	SAH	34	12.8	10.251		HS0ZLM	S	23	11.5	10.212						
PY1FOX	SAL	43	14	10.233		JI1FLB	S	11	8.3	10.211						
BG4TRN	SAL	10	9.1	10.090		PA1B	S	16	11.1	10.094						
JQ1EPD	SAL	10	9.1	10.090		JN3ONX	S	9	10	9.954						
B0GUS (W9JJ, op)	SAH	1	0	10.000		JH1SAR	S	14	12.5	9.896						
R9XT	SAH	1	0	10.000		IK8ARF	S	12	14.3	9.649						
JA7ZP	SAL	9	10	9.954												
IZ0EHL	SAL	24	14.3	9.950												
SV2KF	SAH	31	16.2	9.871												
BH4RRG (BH4RRG/QRP	SAQ	6	14.3	9.348												